

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009887.D
 Acq On : 25 Feb 2020 06:41
 Operator : CG/JU
 Sample : L1418-16DL 30X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5B16DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.534	599	603	616	rVB	76495	142976	4.30%	0.280%
2	6.952	669	674	683	rVB8	33892	89361	2.69%	0.175%
3	7.311	724	735	739	rBV5	49099	130898	3.94%	0.256%
4	7.387	739	748	755	rVV2	397155	710861	21.40%	1.392%
5	7.658	789	794	798	rBV5	43585	83127	2.50%	0.163%
6	7.922	829	839	844	rBV3	69279	134351	4.04%	0.263%
7	8.187	880	884	888	rVV4	58445	95355	2.87%	0.187%
8	8.246	888	894	898	rVV3	45908	89612	2.70%	0.175%
9	8.452	919	929	941	rBV8	54735	200714	6.04%	0.393%
10	8.611	952	956	963	rVB2	91976	155954	4.69%	0.305%
11	8.711	964	973	980	rVB9	54376	151329	4.56%	0.296%
12	9.063	1028	1033	1042	rVB3	57729	107327	3.23%	0.210%
13	9.316	1071	1076	1090	rVB10	82024	204043	6.14%	0.399%
14	10.134	1205	1215	1222	rBV	664669	1112316	33.49%	2.177%
15	10.322	1241	1247	1251	rVV	100856	153194	4.61%	0.300%
16	10.534	1279	1283	1293	rBV8	25557	76173	2.29%	0.149%
17	11.069	1367	1374	1381	rVB2	67006	132245	3.98%	0.259%
18	11.175	1386	1392	1397	rBV	226907	408244	12.29%	0.799%
19	11.587	1453	1462	1471	rBV	470123	839967	25.29%	1.644%
20	11.881	1507	1512	1515	rBV4	65005	106490	3.21%	0.208%
21	11.957	1521	1525	1532	rBV6	45119	95225	2.87%	0.186%
22	12.204	1562	1567	1569	rBV3	45030	83619	2.52%	0.164%
23	12.240	1569	1573	1577	rVV	94353	153777	4.63%	0.301%
24	12.281	1577	1580	1588	rVB3	75897	139395	4.20%	0.273%
25	12.352	1588	1592	1599	rVB2	108236	165636	4.99%	0.324%
26	12.428	1599	1605	1612	rBV3	229729	446005	13.43%	0.873%
27	12.510	1615	1619	1624	rBV	108991	161855	4.87%	0.317%
28	12.569	1624	1629	1633	rBV	349540	467447	14.07%	0.915%
29	12.787	1661	1666	1670	rBV2	106889	191726	5.77%	0.375%
30	12.863	1670	1679	1686	rVV	1286986	1948235	58.65%	3.814%
31	12.951	1691	1694	1699	rBV3	86441	149455	4.50%	0.293%
32	13.181	1729	1733	1736	rBV5	64608	101055	3.04%	0.198%
33	13.346	1757	1761	1764	rBV4	102743	170422	5.13%	0.334%
34	13.399	1766	1770	1772	rVV3	120140	215357	6.48%	0.422%

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Integration Parameters: LSCINT.P

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35	13.440	1773	1777	1783	rVV3	515059	800319	24.09%	1.567%
36	13.534	1786	1793	1797	rVV	616924	1143648	34.43%	2.239%
37	13.581	1797	1801	1806	rVV2	337388	537597	16.18%	1.052%
38	13.657	1810	1814	1819	rVB2	142142	184765	5.56%	0.362%
39	13.751	1826	1830	1834	rVB5	124536	170523	5.13%	0.334%
40	13.851	1843	1847	1851	rBV2	333963	423556	12.75%	0.829%
41	13.957	1860	1865	1872	rBV	1964041	2804241	84.42%	5.489%
42	14.028	1872	1877	1883	rVB	855685	1277804	38.47%	2.501%
43	14.240	1910	1913	1921	rVB6	86938	177690	5.35%	0.348%
44	14.404	1937	1941	1943	rBV3	144561	207906	6.26%	0.407%
45	14.434	1944	1946	1949	rVV2	84827	118813	3.58%	0.233%
46	14.522	1957	1961	1964	rBV3	210939	257428	7.75%	0.504%
47	14.587	1968	1972	1979	rVB2	501478	741701	22.33%	1.452%
48	14.657	1980	1984	1991	rBV3	327483	615108	18.52%	1.204%
49	14.757	1997	2001	2003	rBV2	72821	105398	3.17%	0.206%
50	14.822	2008	2012	2017	rVB3	329511	480408	14.46%	0.940%
51	14.922	2024	2029	2034	rBV	2330717	2706841	81.49%	5.299%
52	14.993	2037	2041	2047	rBV5	126015	270388	8.14%	0.529%
53	15.140	2063	2066	2070	rBV2	65107	91870	2.77%	0.180%
54	15.210	2074	2078	2083	rVB5	167165	260052	7.83%	0.509%
55	15.328	2091	2098	2103	rBV2	622902	1234804	37.17%	2.417%
56	15.369	2103	2105	2109	rVV3	120028	172425	5.19%	0.338%
57	15.416	2110	2113	2119	rVB3	193872	331351	9.97%	0.649%
58	15.481	2120	2124	2128	rVV	234088	327848	9.87%	0.642%
59	15.551	2129	2136	2140	rVB5	239150	526599	15.85%	1.031%
60	15.657	2150	2154	2159	rBV6	98367	141629	4.26%	0.277%
61	15.787	2171	2176	2179	rBV	2345326	3321832	100.00%	6.503%
62	15.810	2179	2180	2189	rVB	1252742	1368501	41.20%	2.679%
63	15.910	2193	2197	2200	rBV3	161770	185516	5.58%	0.363%
64	16.151	2232	2238	2242	rVV4	215389	434112	13.07%	0.850%
65	16.192	2242	2245	2249	rVB3	171255	252639	7.61%	0.495%
66	16.298	2259	2263	2267	rBV3	215770	315686	9.50%	0.618%
67	16.340	2267	2270	2271	rVV3	119466	136384	4.11%	0.267%
68	16.363	2271	2274	2282	rVB5	196774	392779	11.82%	0.769%
69	16.445	2283	2288	2295	rBV	1444836	2036913	61.32%	3.987%
70	16.581	2307	2311	2315	rBV	2132091	2448864	73.72%	4.794%
71	16.634	2315	2320	2331	rVB	524803	955679	28.77%	1.871%

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72	16.787	2341	2346	2350	rBV	903133	1211091	36.46%	2.371%
73	16.887	2360	2363	2372	rVB5	164313	343275	10.33%	0.672%
74	17.116	2400	2402	2409	rVB4	130618	163221	4.91%	0.320%
75	17.234	2420	2422	2428	rVB2	114425	173999	5.24%	0.341%
76	17.316	2432	2436	2441	rVB	1679646	1990325	59.92%	3.896%
77	17.598	2480	2484	2486	rBV3	76617	107003	3.22%	0.209%
78	17.663	2493	2495	2500	rVB4	81484	89105	2.68%	0.174%
79	17.716	2501	2504	2509	rVB4	116653	179488	5.40%	0.351%
80	17.763	2509	2512	2516	rBV2	90531	123307	3.71%	0.241%
81	17.822	2519	2522	2524	rBV	87618	103470	3.11%	0.203%
82	17.851	2524	2527	2532	rVB4	111296	165509	4.98%	0.324%
83	18.010	2550	2554	2560	rVB	1437254	1592260	47.93%	3.117%
84	18.392	2615	2619	2621	rBV3	85116	121012	3.64%	0.237%
85	18.422	2622	2624	2627	rVB2	97199	100570	3.03%	0.197%
86	18.475	2630	2633	2637	rVB2	113513	160421	4.83%	0.314%
87	18.592	2649	2653	2658	rBV	235572	368633	11.10%	0.722%
88	18.657	2658	2664	2668	rBV	1023110	1243083	37.42%	2.433%
89	18.739	2674	2678	2682	rBV4	66081	123228	3.71%	0.241%
90	18.863	2696	2699	2707	rVB4	61789	122081	3.68%	0.239%
91	19.145	2745	2747	2752	rVB3	63091	75237	2.26%	0.147%
92	19.198	2752	2756	2757	rVV2	71157	90823	2.73%	0.178%
93	19.245	2757	2764	2770	rVV2	669032	954761	28.74%	1.869%
94	19.316	2772	2776	2782	rVB	96621	144974	4.36%	0.284%
95	19.786	2851	2856	2860	rVB	325790	392220	11.81%	0.768%
96	20.286	2937	2941	2945	rBV	186501	208596	6.28%	0.408%
97	20.751	3017	3020	3025	rVB	138887	154626	4.65%	0.303%
98	21.004	3058	3063	3072	rBV	1175948	1486918	44.76%	2.911%
99	21.192	3092	3095	3099	rVB	99194	104558	3.15%	0.205%
100	23.104	3414	3420	3428	rVB	808250	1417305	42.67%	2.774%

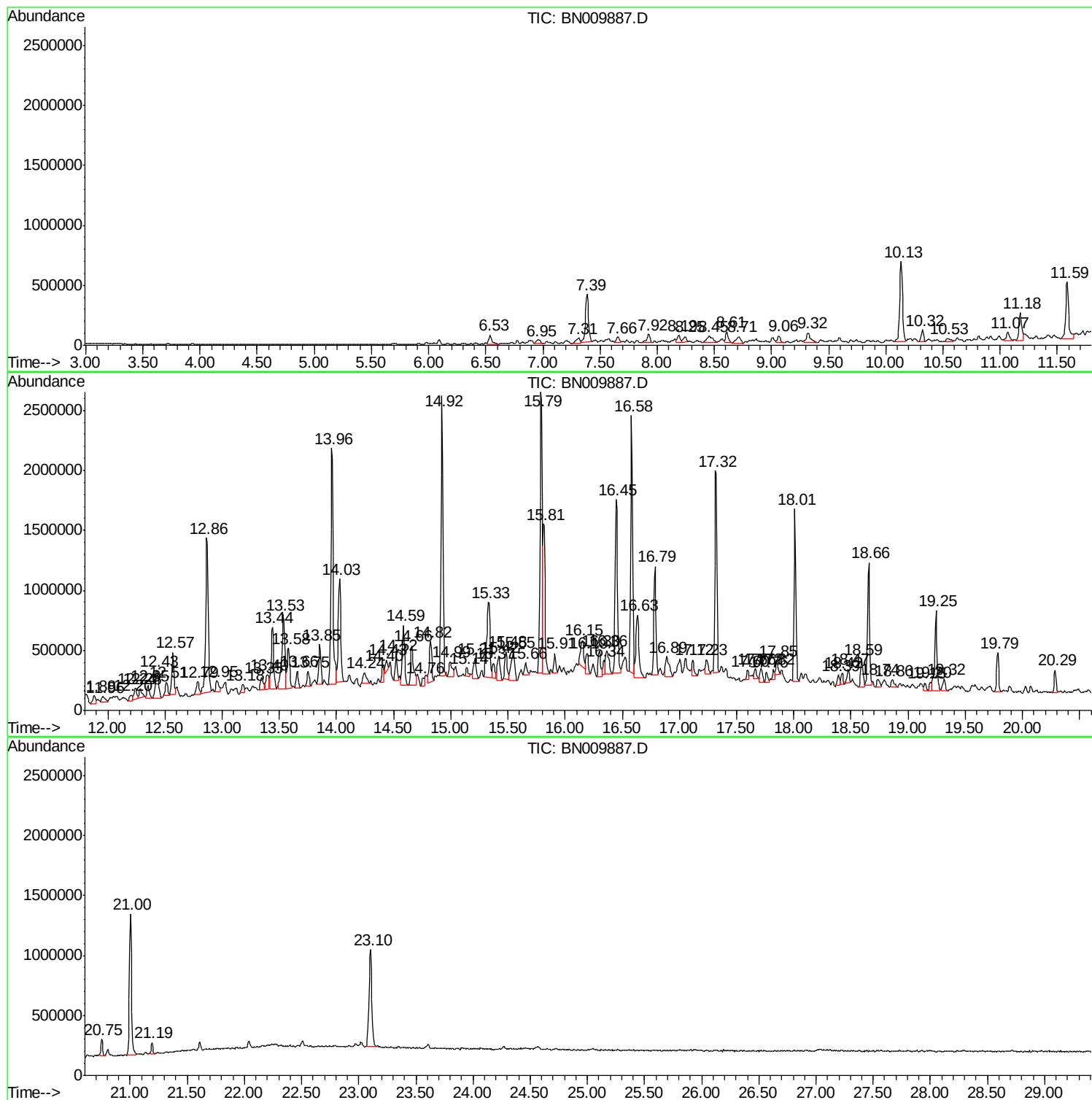
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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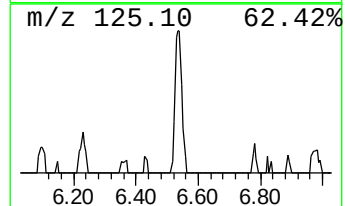
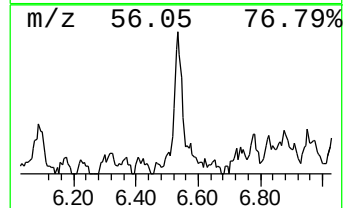
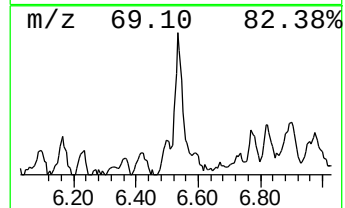
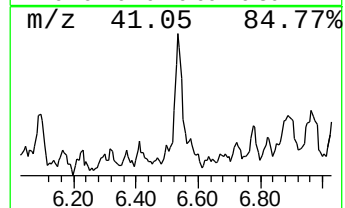
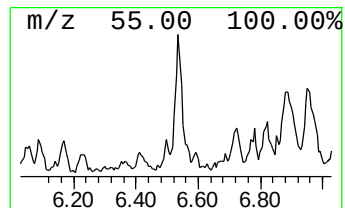
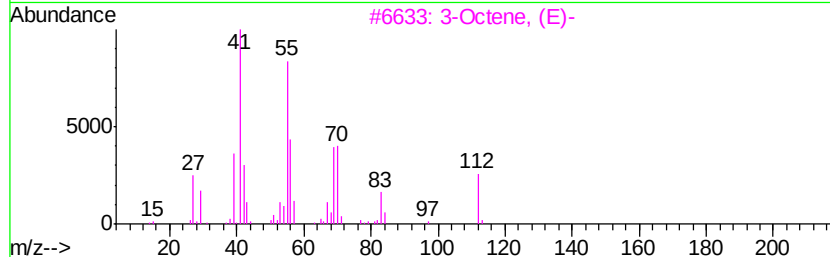
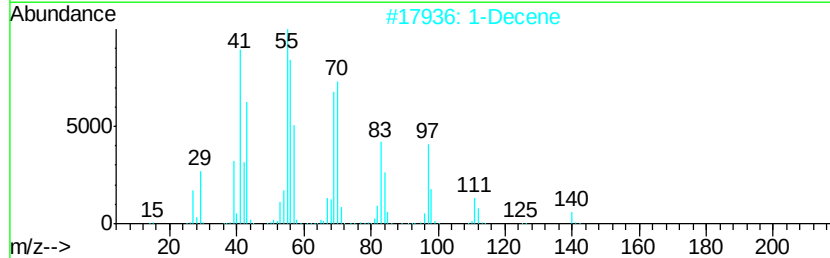
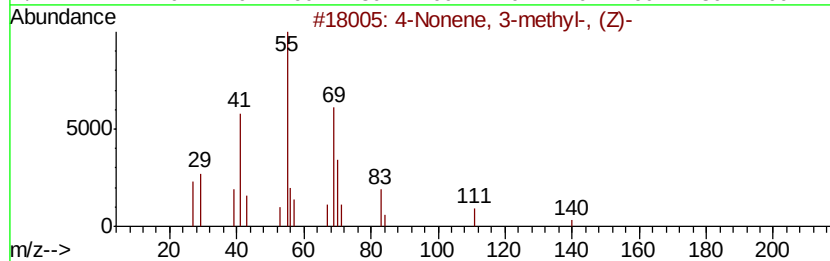
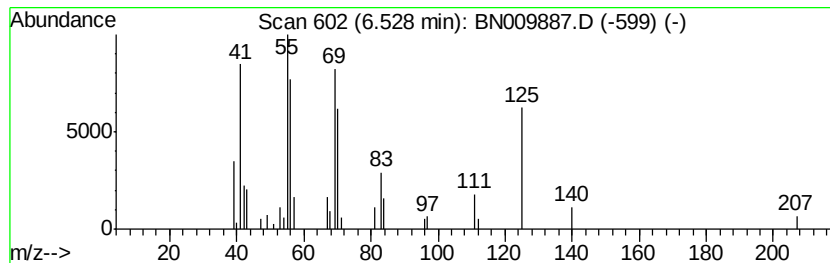
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	4.02 ng/ul	142976	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
2			1-Decene	140	C10H20	000872-05-9	55
3			3-Octene, (E)-	112	C8H16	014919-01-8	49
4			Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	47
5			2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	46



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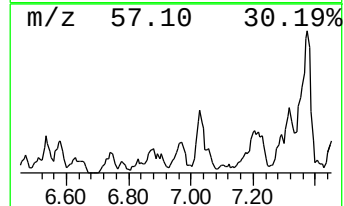
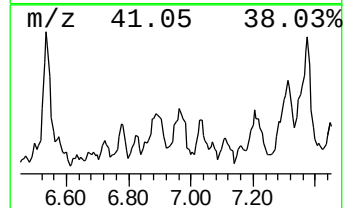
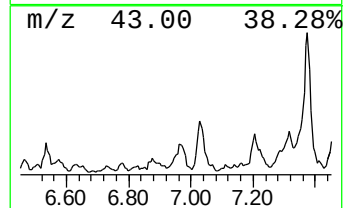
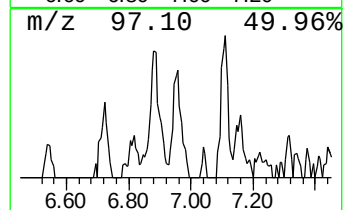
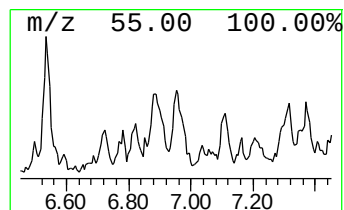
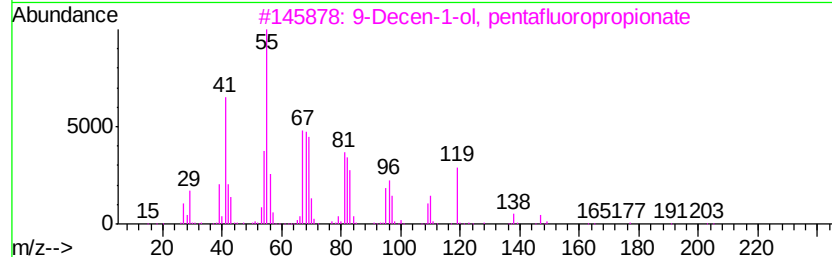
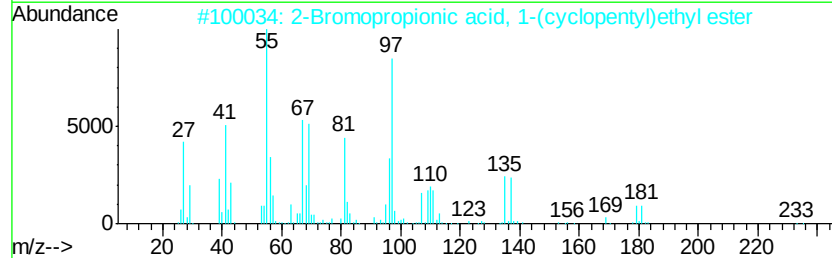
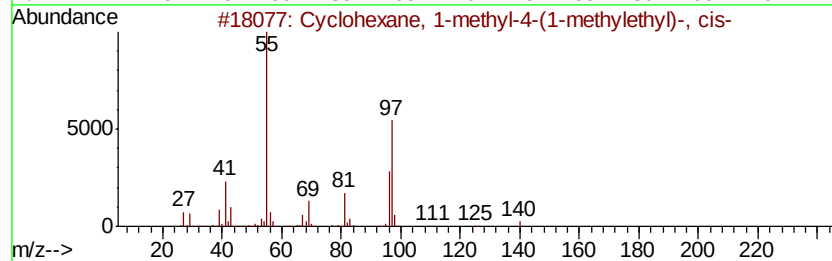
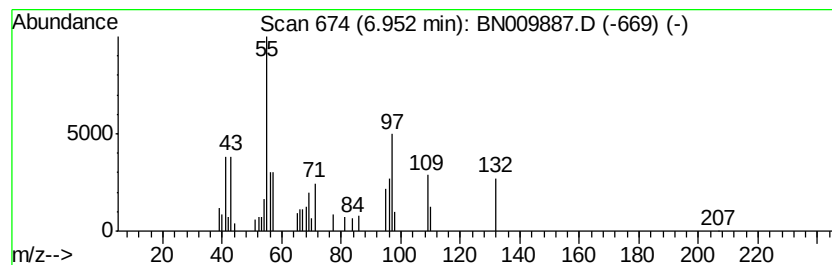
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	2.51 ng/ul	89361	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	006069-98-3	27
2			2-Bromopropionic acid, 1-(cyclop...	248	C10H17BrO2	1000293-39-1	25
3			9-Decen-1-ol, pentafluoropropionate	302	C13H19F5O2	1000352-65-6	25
4			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	17
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	16



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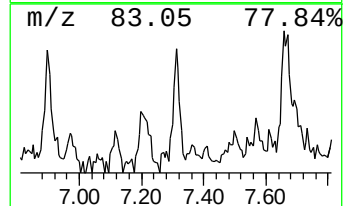
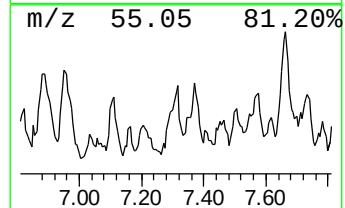
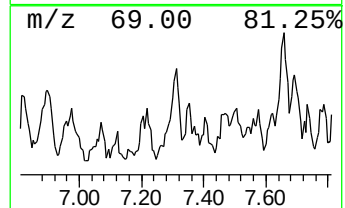
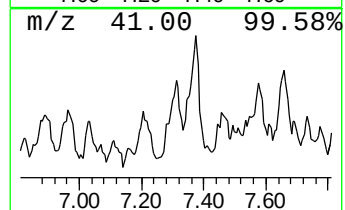
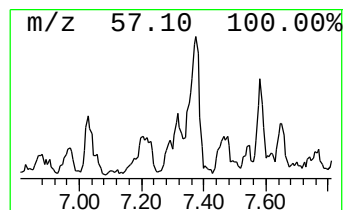
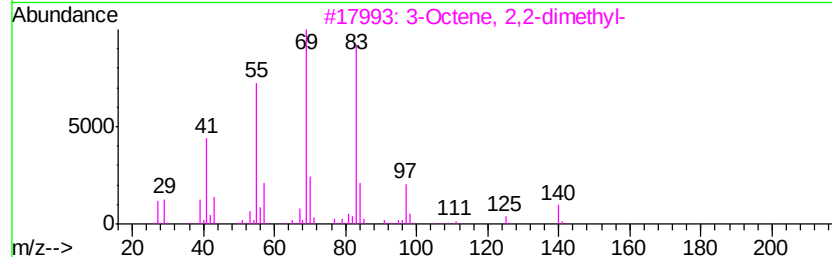
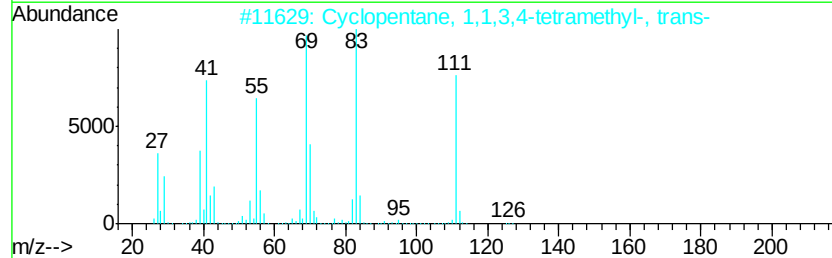
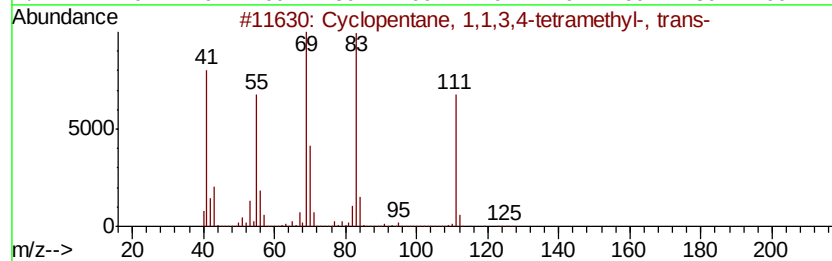
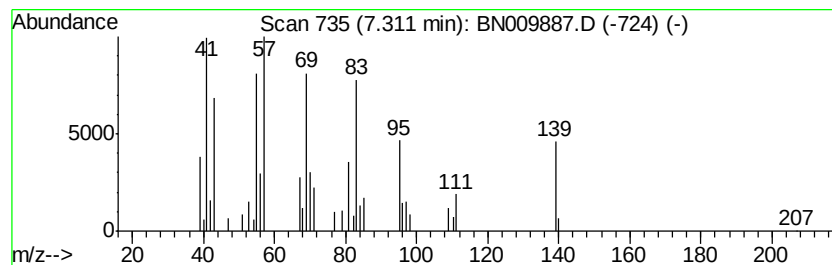
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic7.31 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	3.68 ng/ul	130898	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
2		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
3		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	47
4		Oxalic acid, 1-menthyl nonyl ester	354	C21H38O4	1000314-97-7	38
5		1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	35



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Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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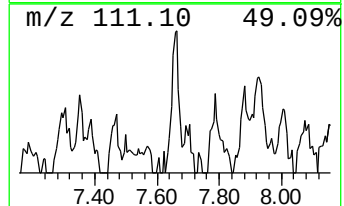
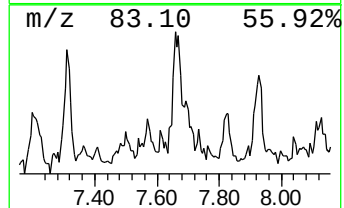
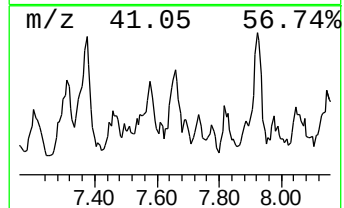
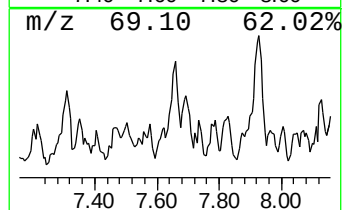
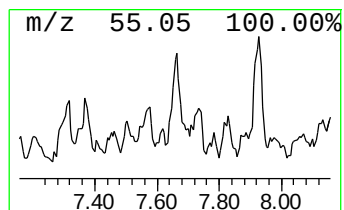
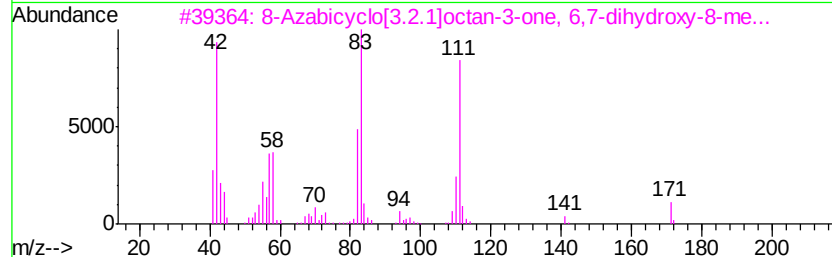
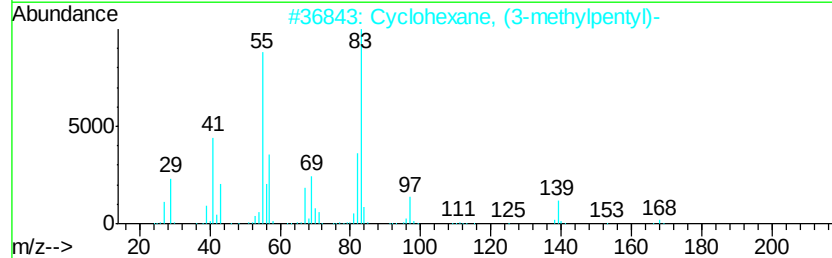
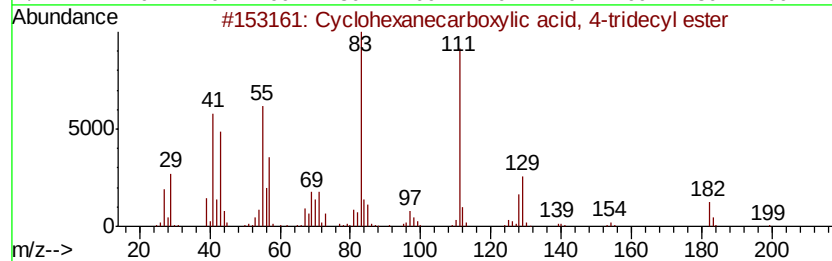
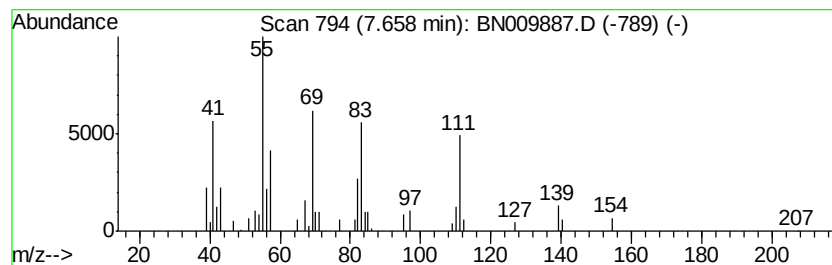
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexanecarboxylic acid,... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.34 ng/ul	83127	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	50
2		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	50
3		8-Azabicyclo[3.2.1]octan-3-one, ...	171	C8H13NO3	000575-63-3	47
4		Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	38
5		4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	38



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Acq On : 25 Feb 2020 06:41
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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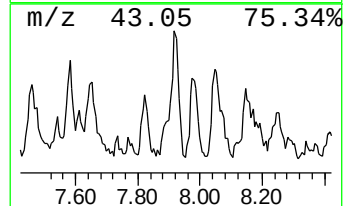
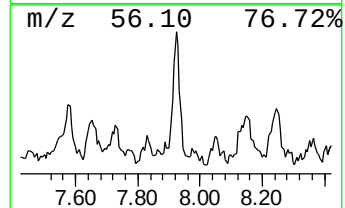
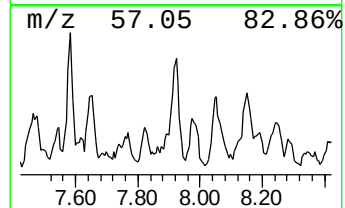
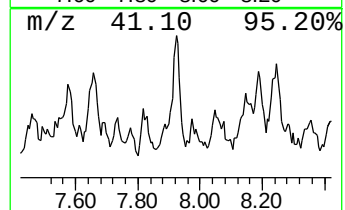
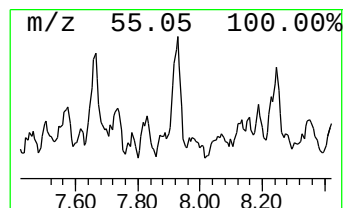
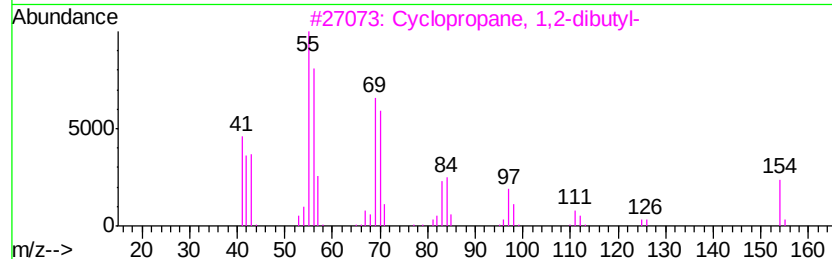
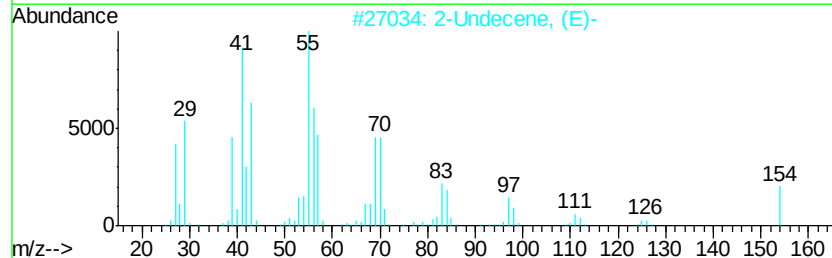
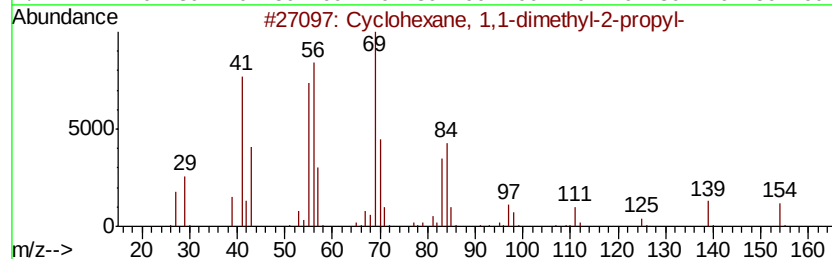
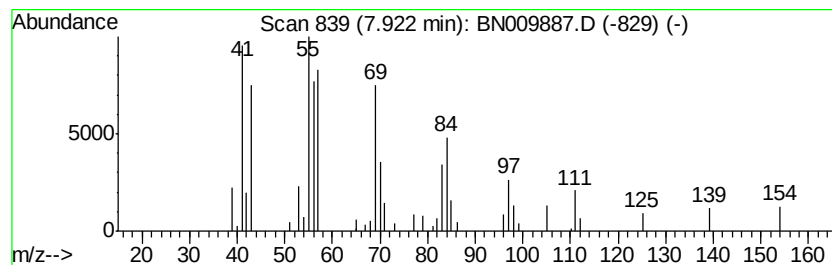
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic7.92 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.78 ng/ul	134351	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
2		2-Undecene, (E)-	154	C11H22	000693-61-8	74
3		Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	72
4		1-Decene, 5-methyl-	154	C11H22	054244-79-0	68
5		3-Undecene, (Z)-	154	C11H22	000821-97-6	68



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Misc :
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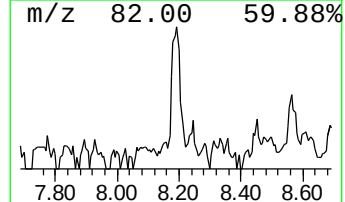
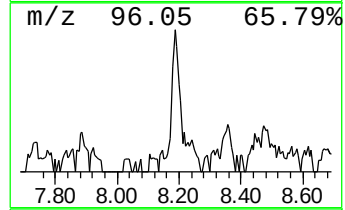
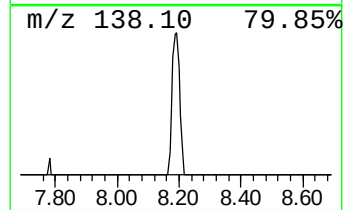
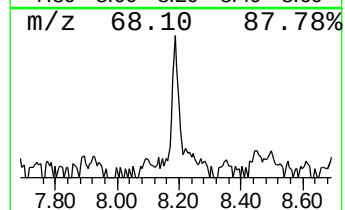
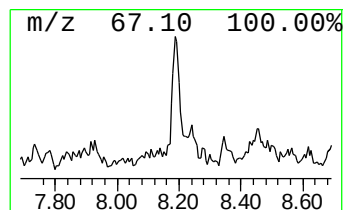
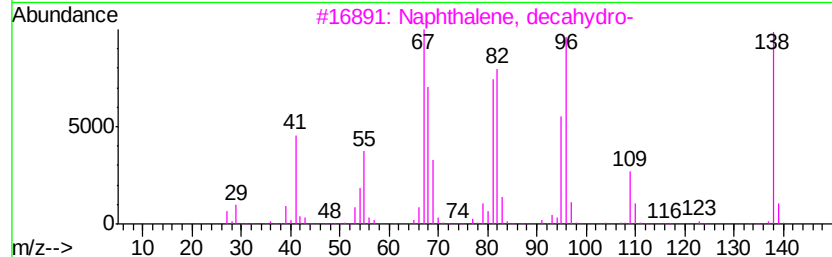
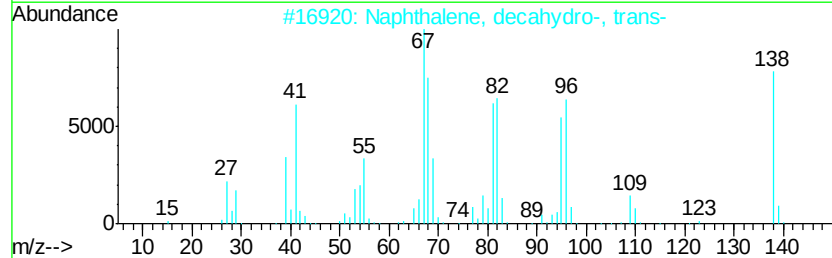
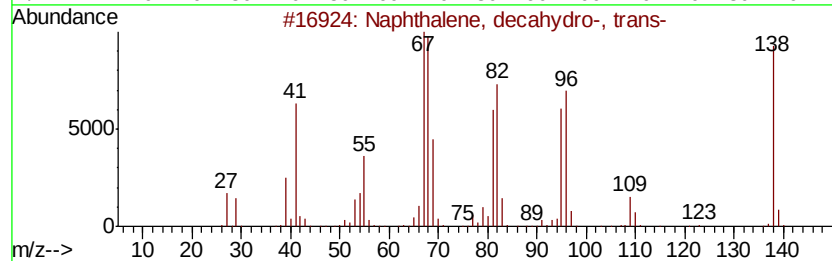
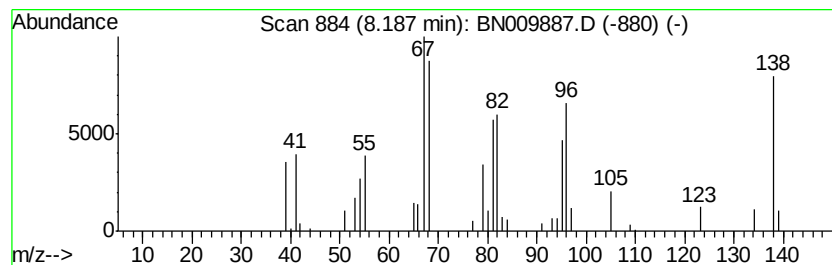
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.68 ng/ul	95355	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	90
5			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	81



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Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
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ALS Vial : 25 Sample Multiplier: 1

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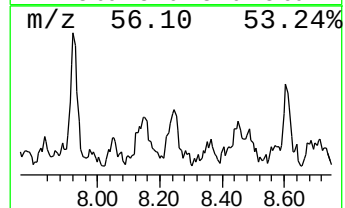
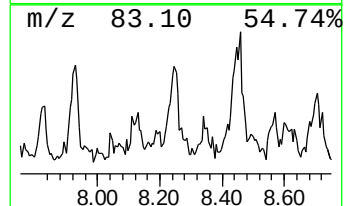
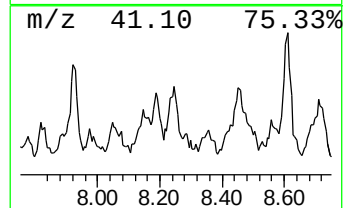
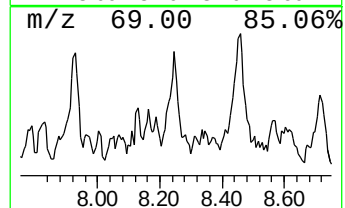
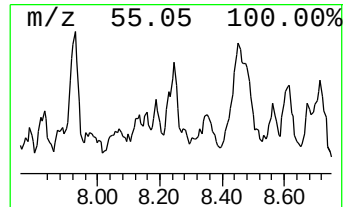
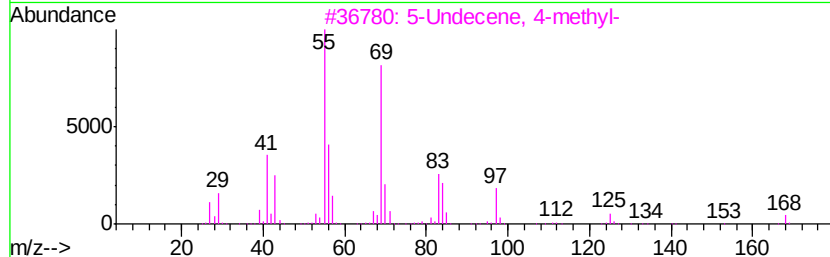
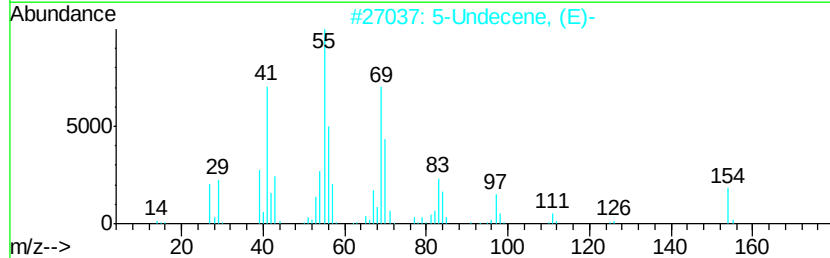
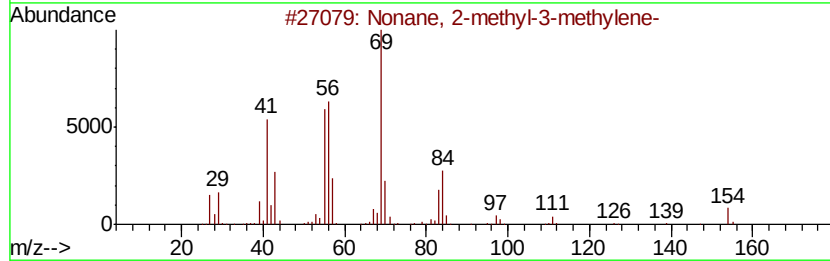
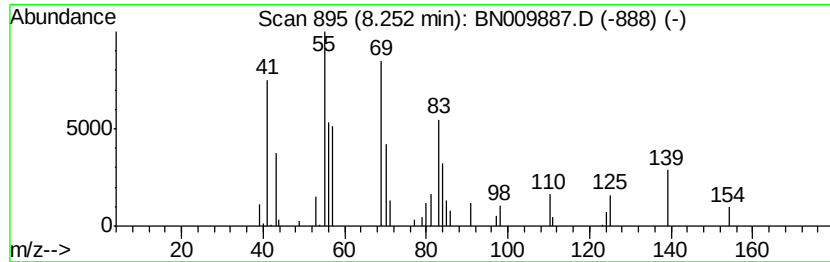
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.52 ng/ul	89612	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	58
2			5-Undecene, (E)-	154	C11H22	000764-97-6	58
3			5-Undecene, 4-methyl-	168	C12H24	143185-91-5	53
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
5			Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	49



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Misc :
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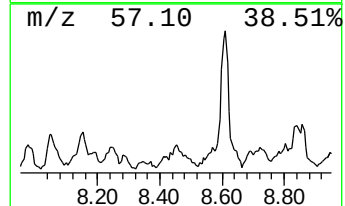
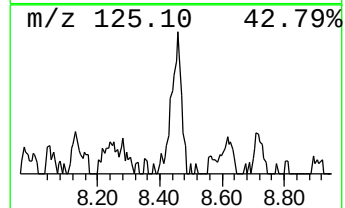
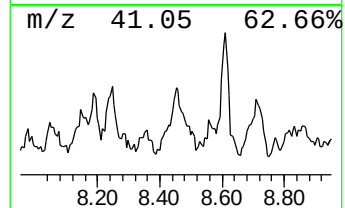
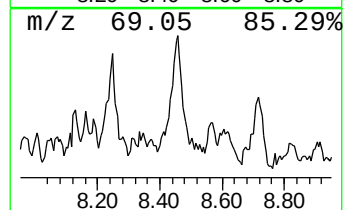
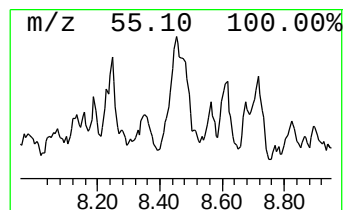
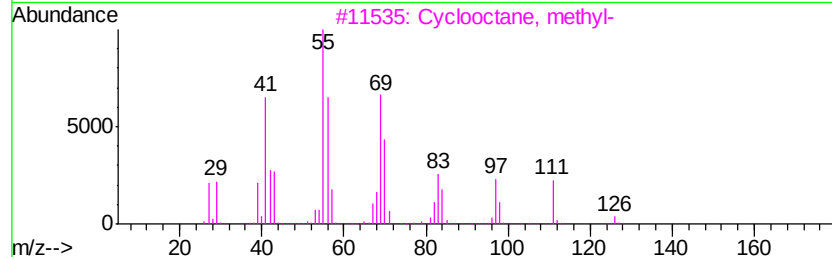
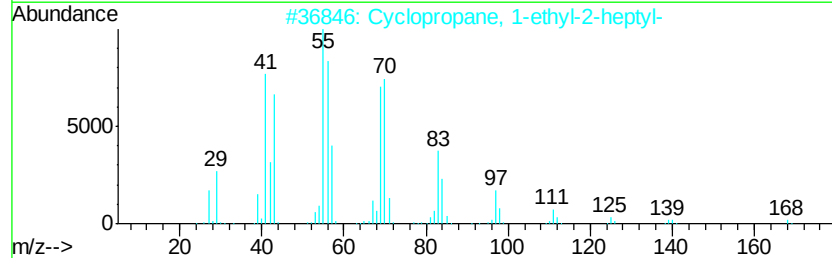
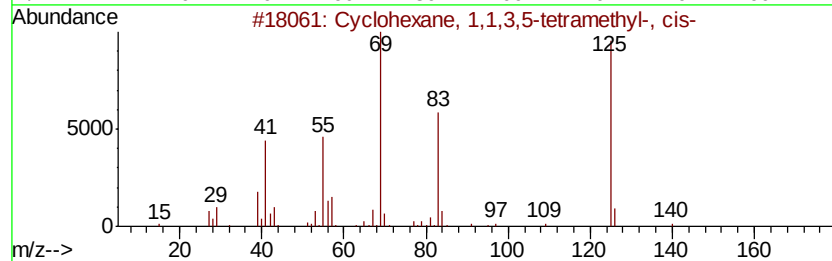
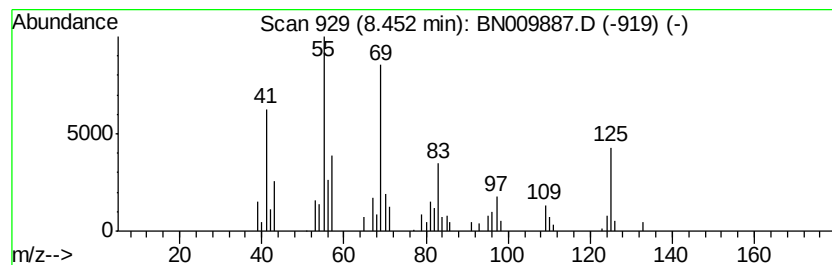
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic8.45 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.65 ng/ul	200714	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	64
2		Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	47
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	43
4		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
5		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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Misc :
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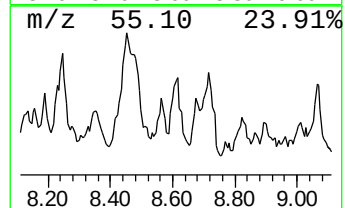
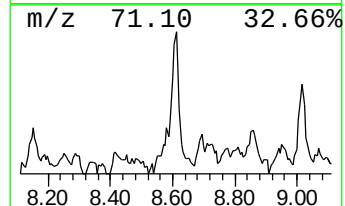
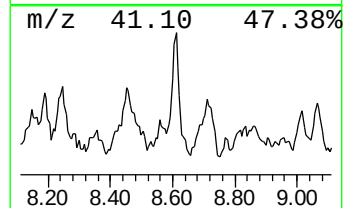
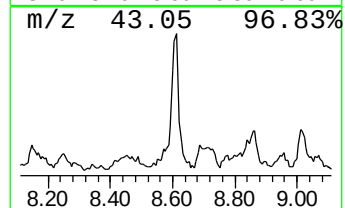
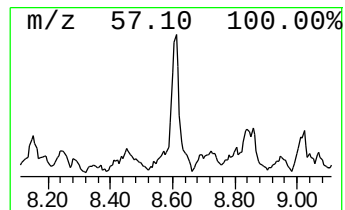
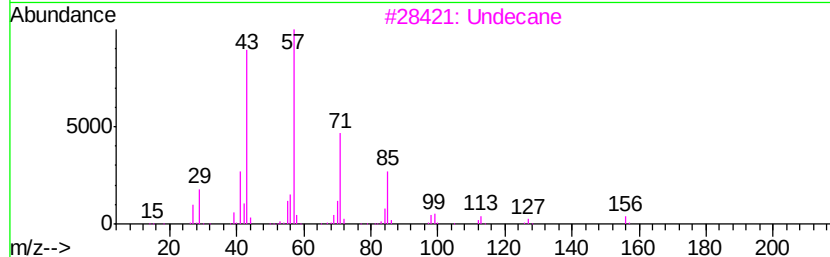
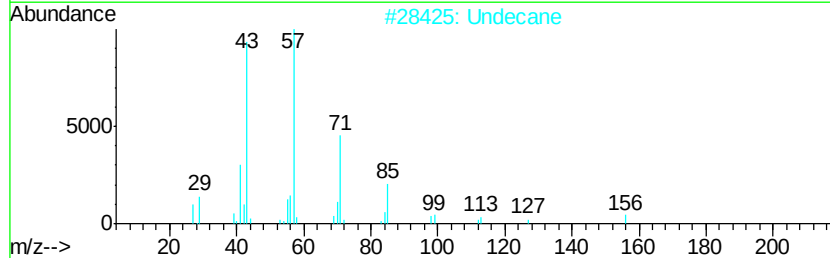
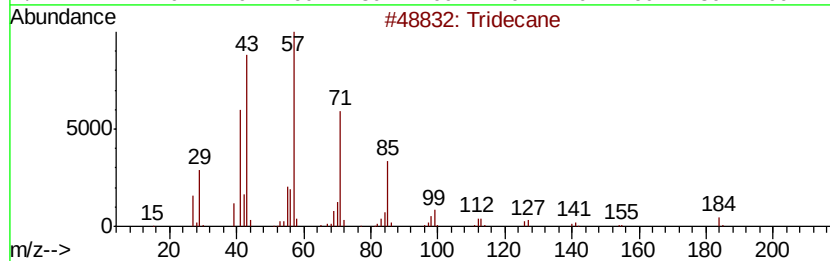
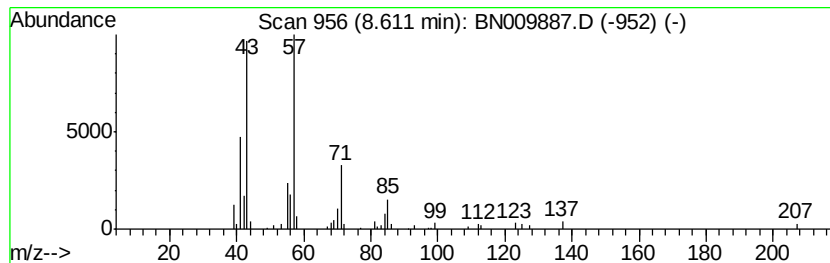
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	4.39 ng/ul	155954	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	78
2		Undecane	156	C11H24	001120-21-4	78
3		Undecane	156	C11H24	001120-21-4	78
4		Dodecane	170	C12H26	000112-40-3	64
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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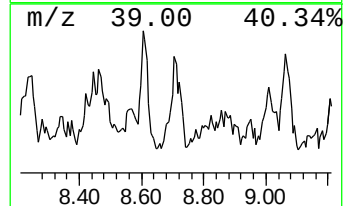
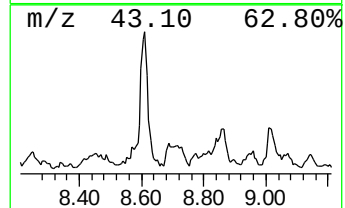
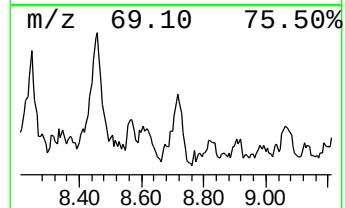
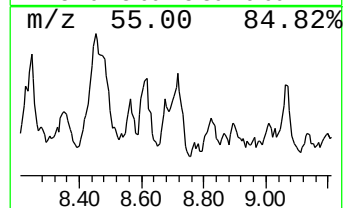
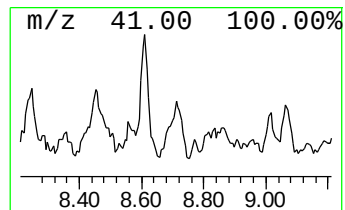
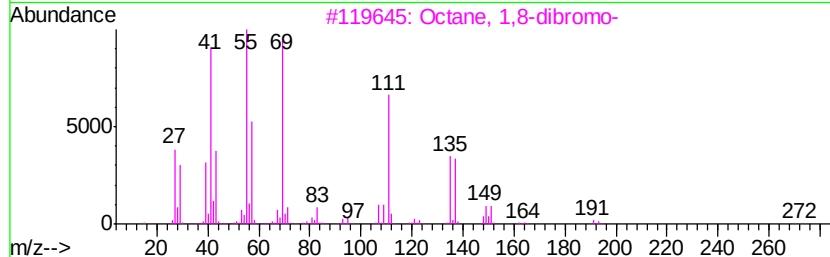
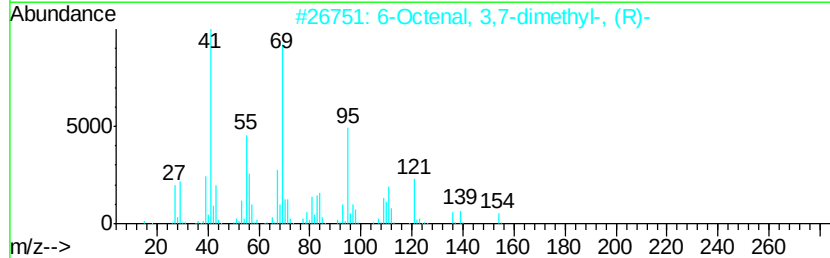
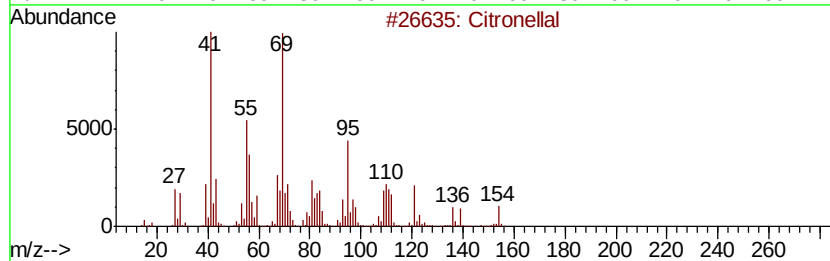
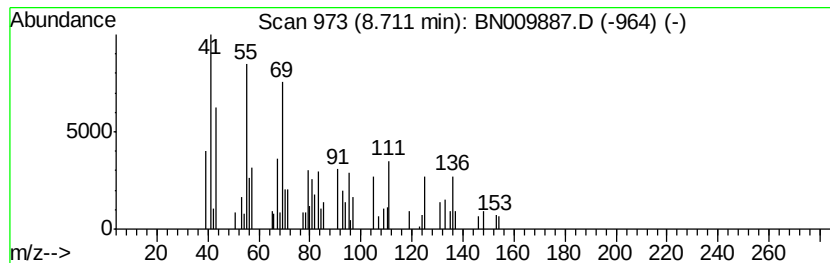
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	4.26 ng/ul	151329	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Citronellal	154	C10H18O	000106-23-0	46
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	46
3		Octane, 1,8-dibromo-	270	C8H16Br2	004549-32-0	43
4		2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	016409-44-2	38
5		Citronellal	154	C10H18O	000106-23-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

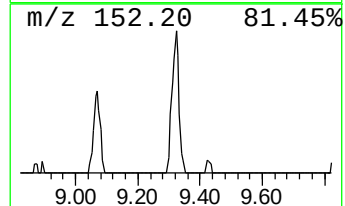
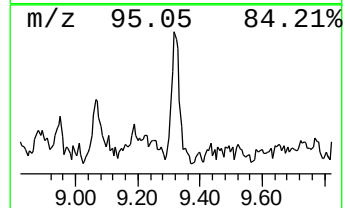
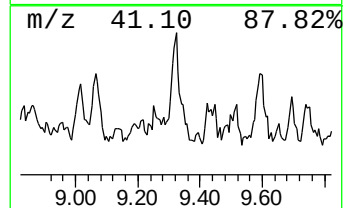
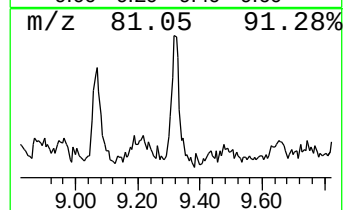
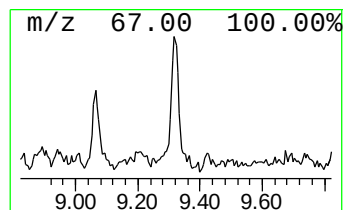
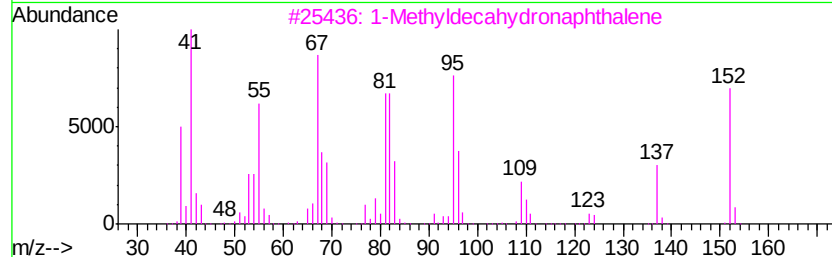
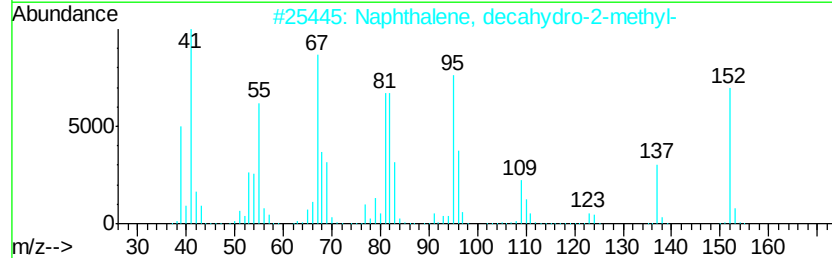
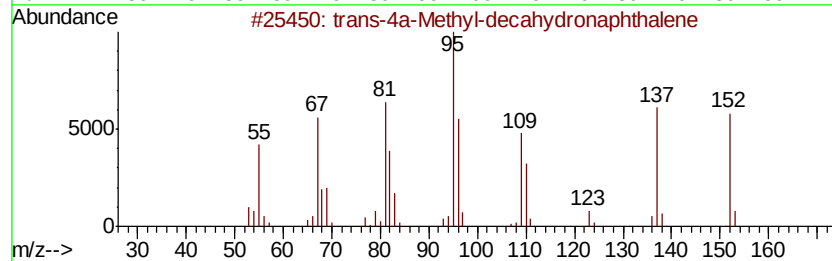
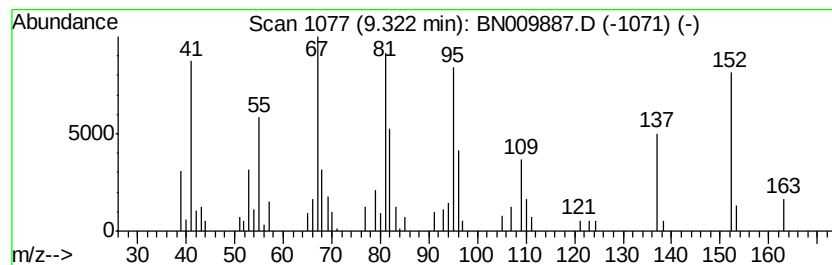
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 trans-4a-Methyl-decahydrona... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.67 ng/ul	204043	Naphthalene-d8	10.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
4		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	90
5		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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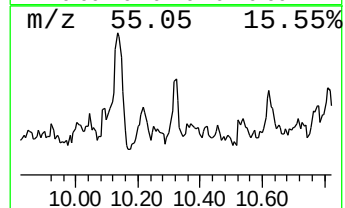
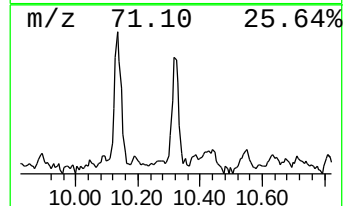
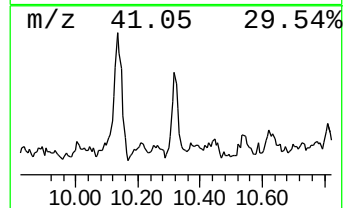
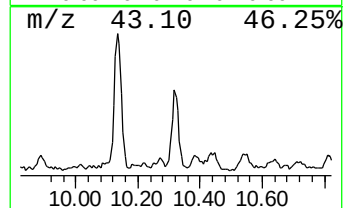
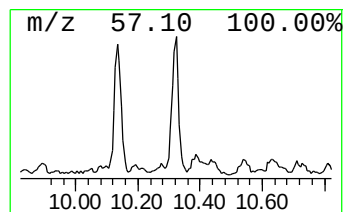
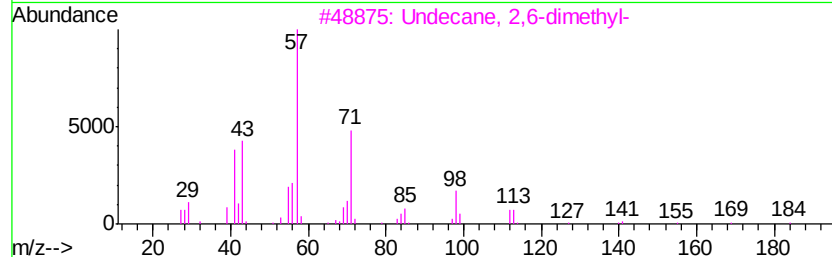
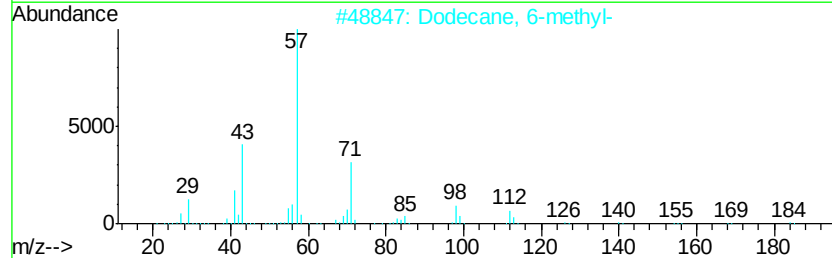
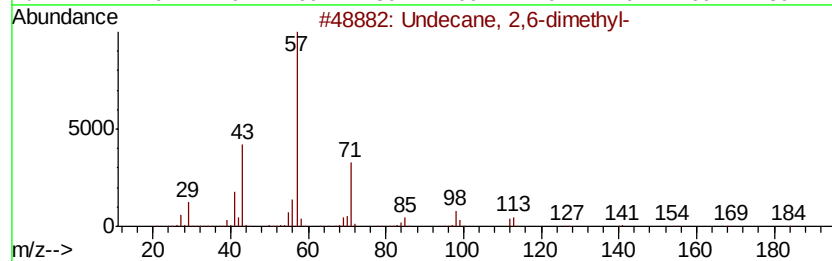
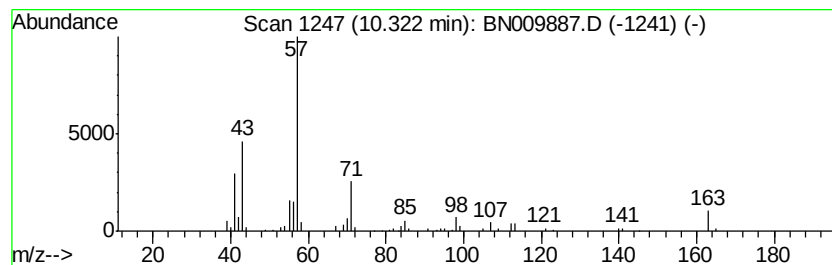
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.75 ng/ul	153194	Napthalene-d8	10.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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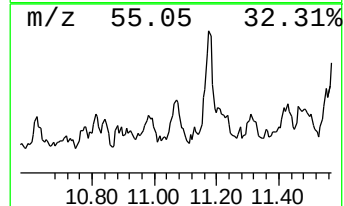
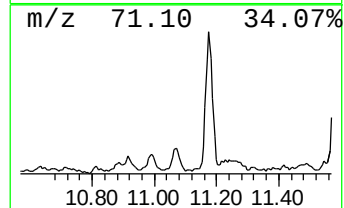
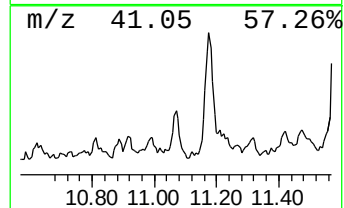
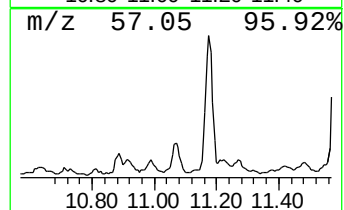
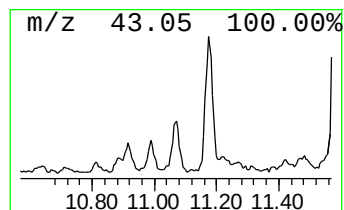
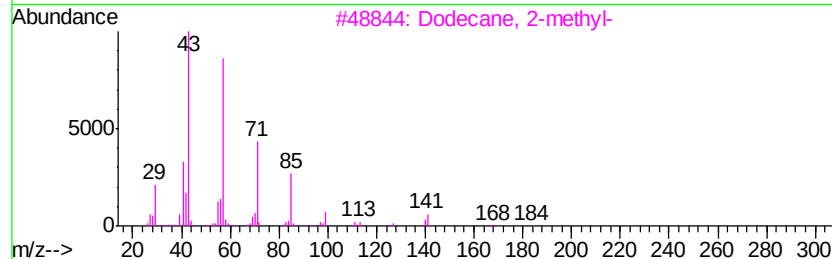
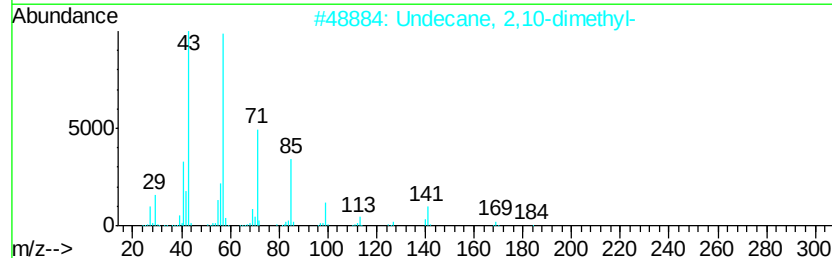
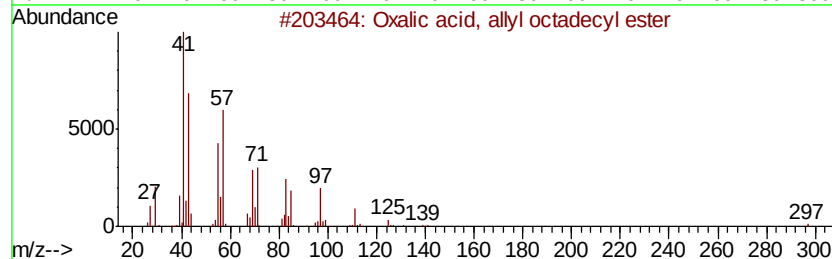
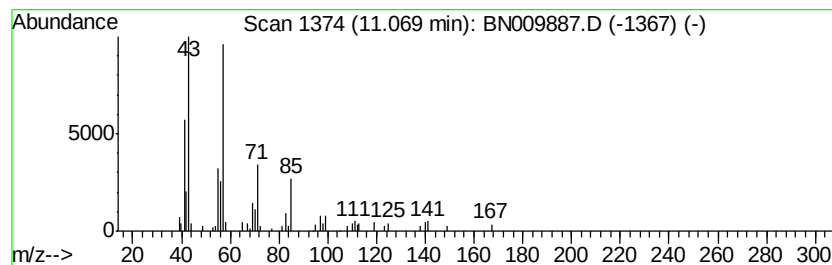
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Oxalic acid, allyl octadecyl... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.38 ng/ul	132245	Naphthalene-d8	10.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	72
2		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4		Decane	142	C10H22	000124-18-5	59
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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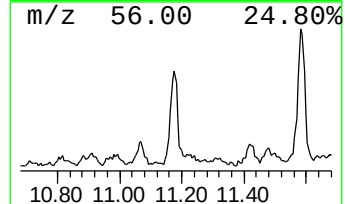
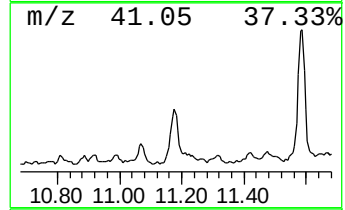
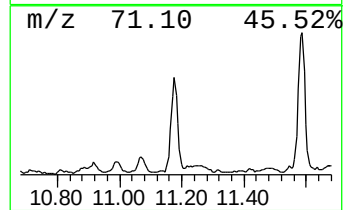
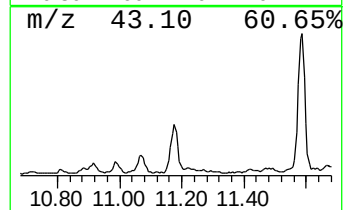
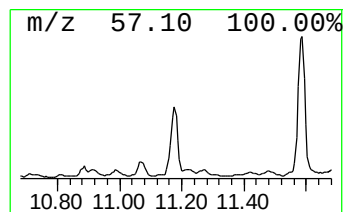
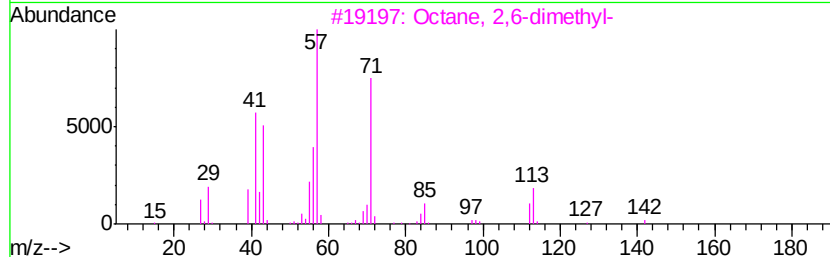
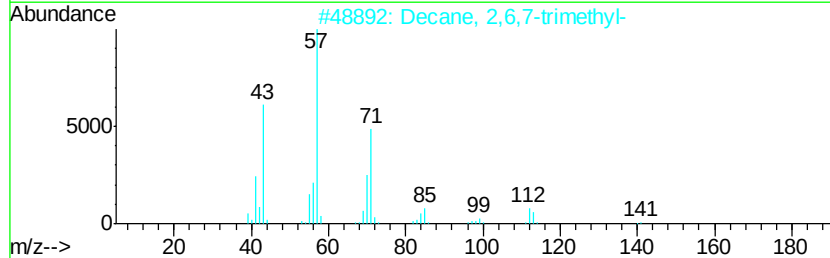
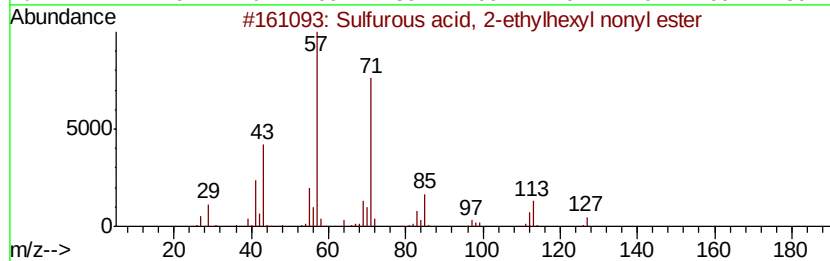
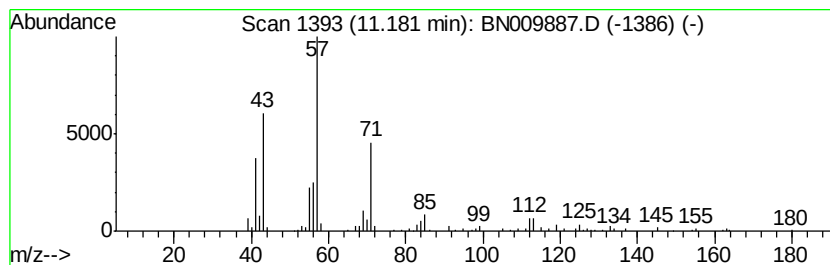
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Sulfurous acid, 2-ethylhexy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	7.34 ng/ul	408244	Napthalene-d8	10.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
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Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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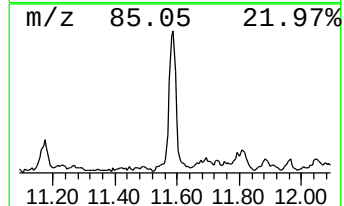
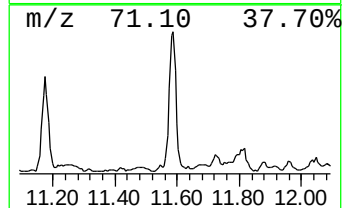
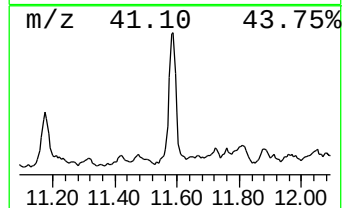
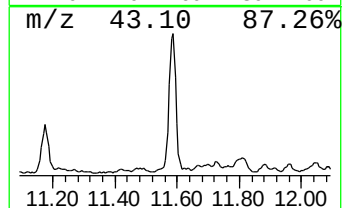
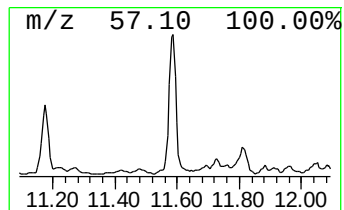
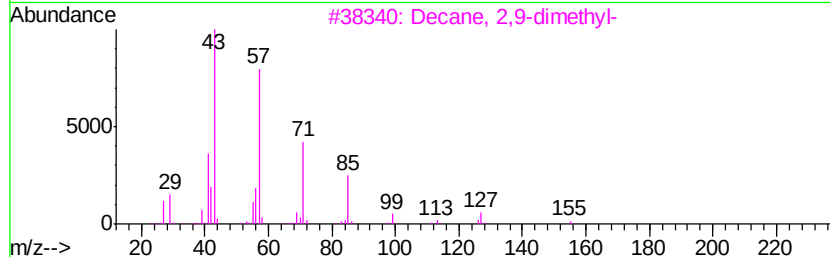
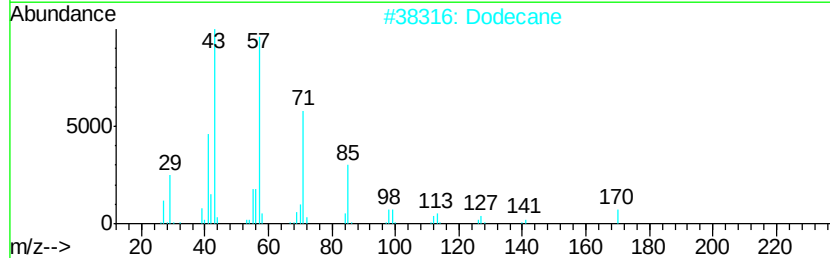
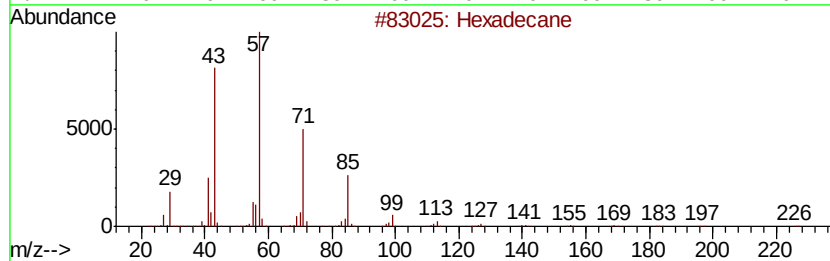
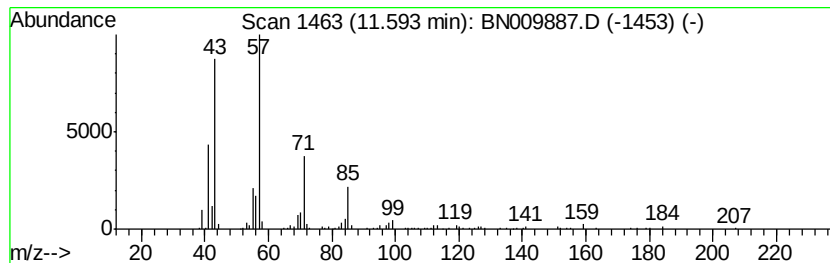
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	15.10 ng/ul	839967	Napthalene-d8	10.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Dodecane	170	C12H26	000112-40-3	72
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
4		Tridecane	184	C13H28	000629-50-5	59
5		Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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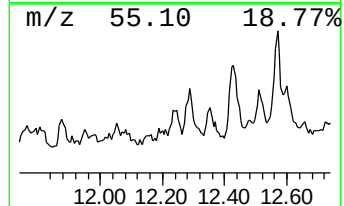
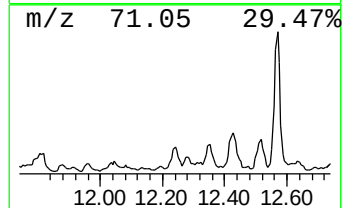
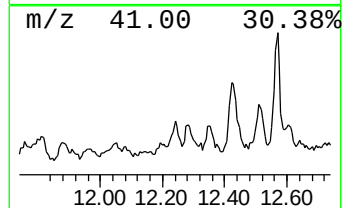
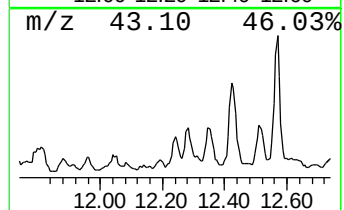
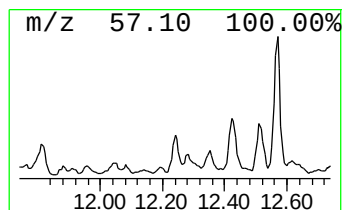
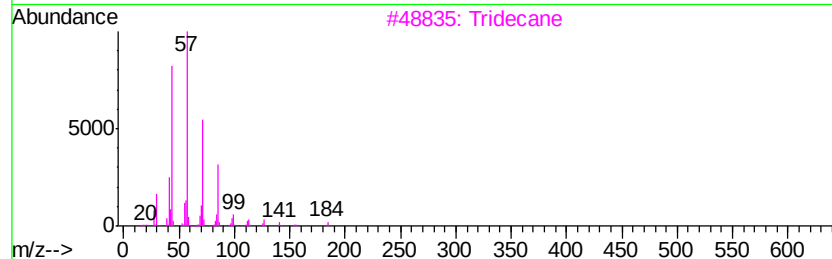
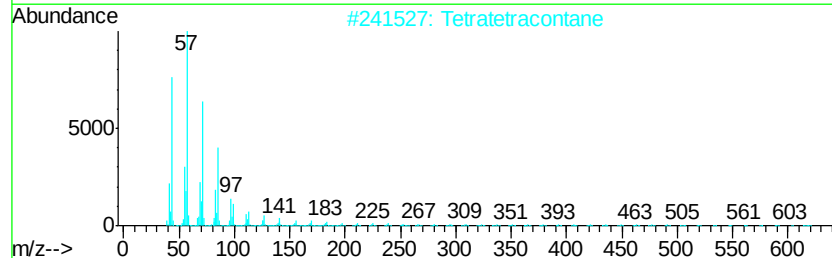
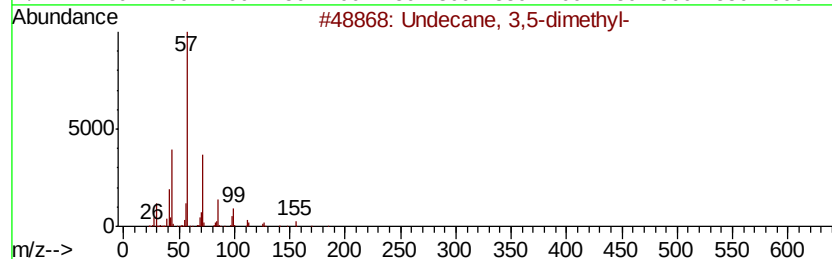
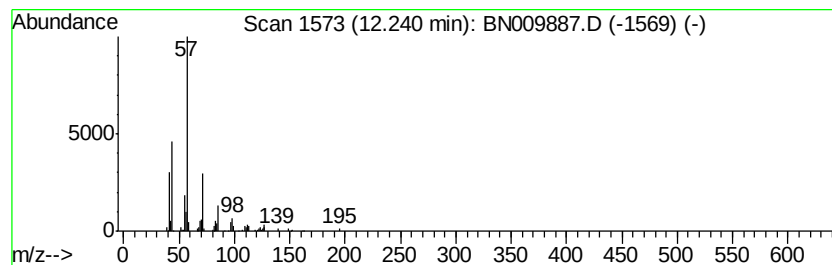
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.41 ng/ul	153777	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-			184	C13H28	017312-81-1	64
2	Tetratetracontane			619	C44H90	007098-22-8	59
3	Tridecane			184	C13H28	000629-50-5	53
4	Dodecane			170	C12H26	000112-40-3	53
5	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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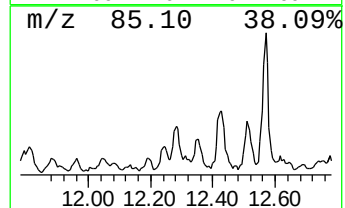
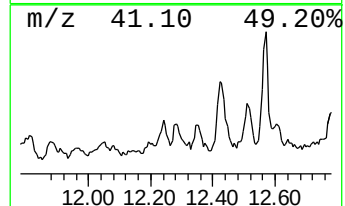
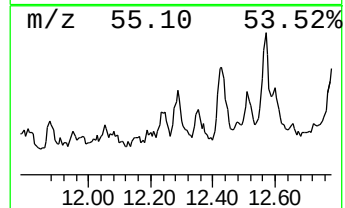
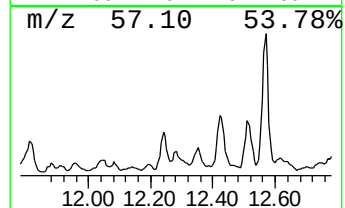
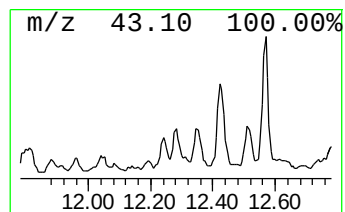
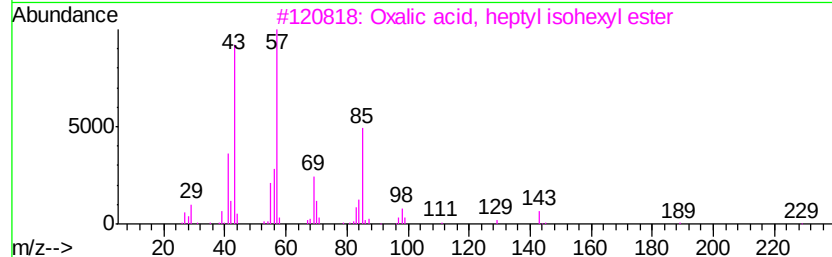
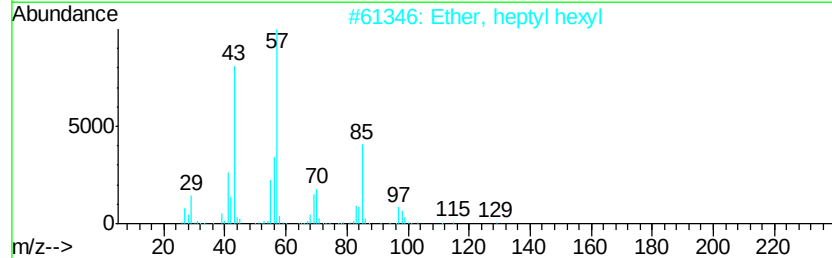
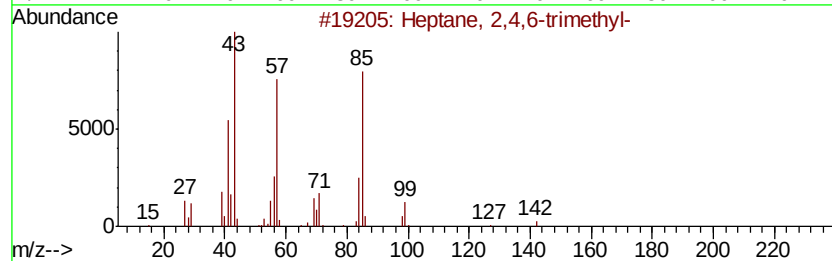
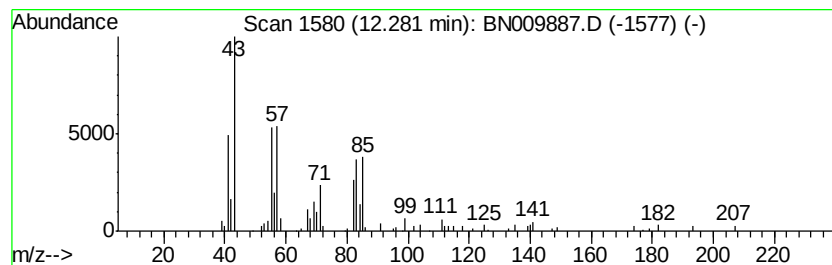
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.18 ng/ul	139395	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47
2			Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
3			Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	43
4			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	43
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

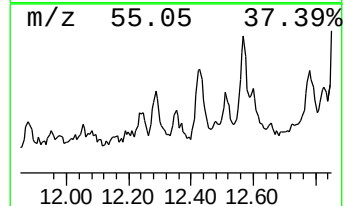
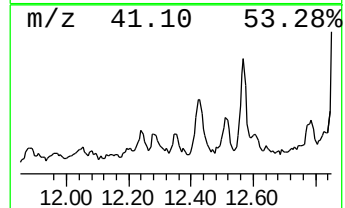
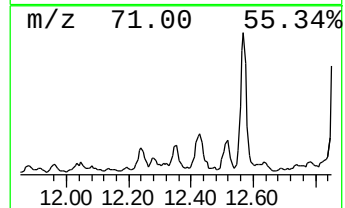
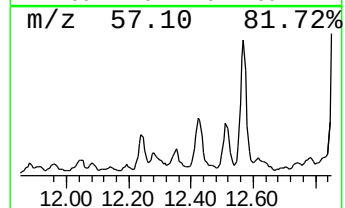
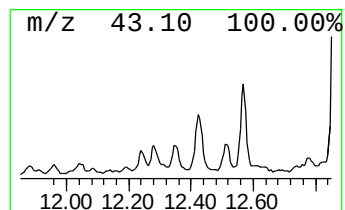
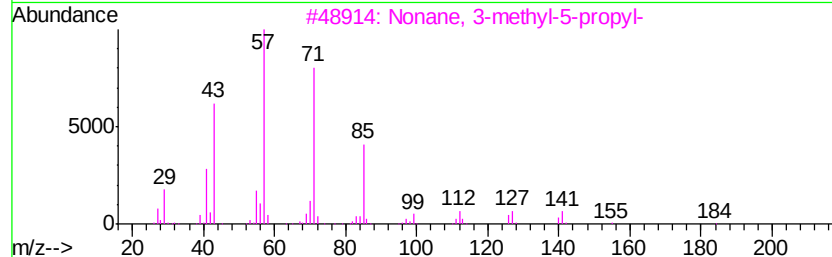
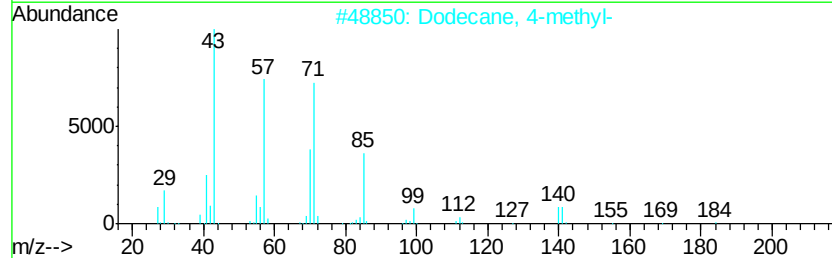
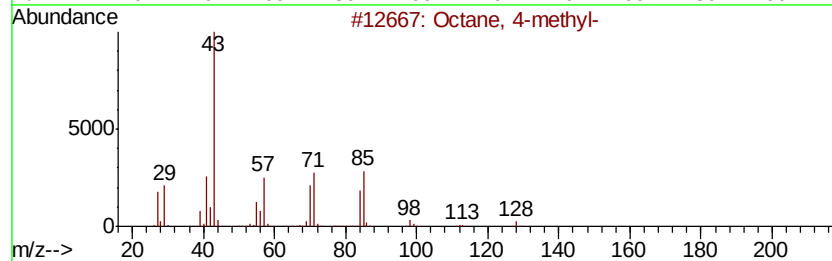
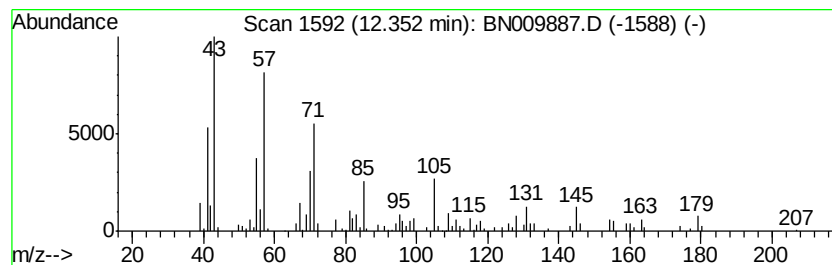
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.59 ng/ul	165636	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	43
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
5			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

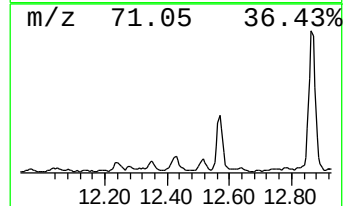
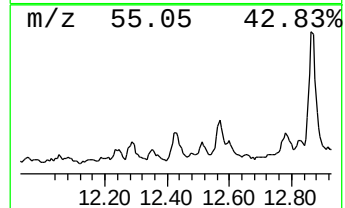
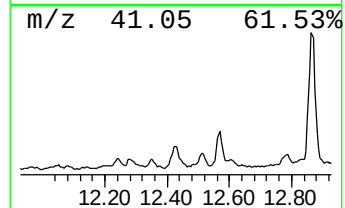
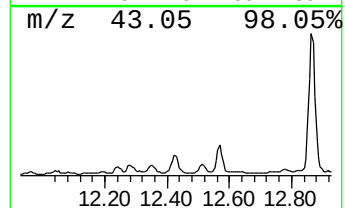
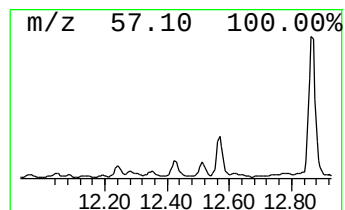
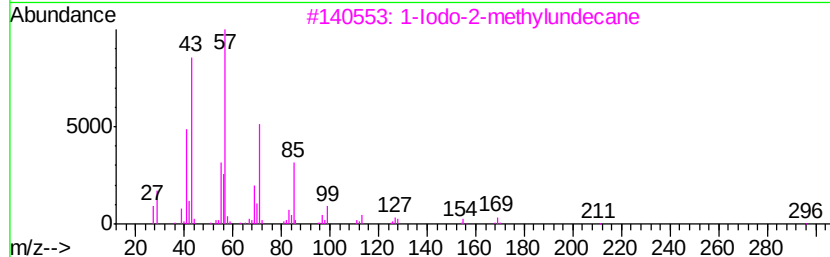
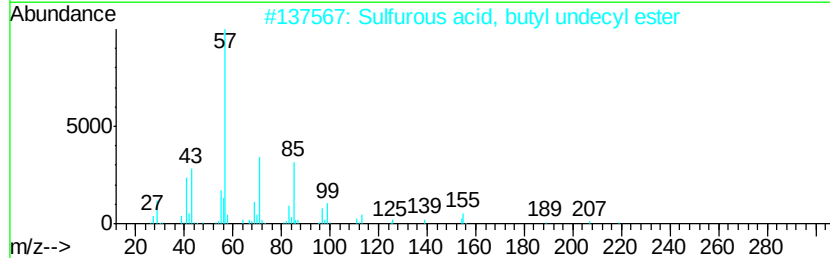
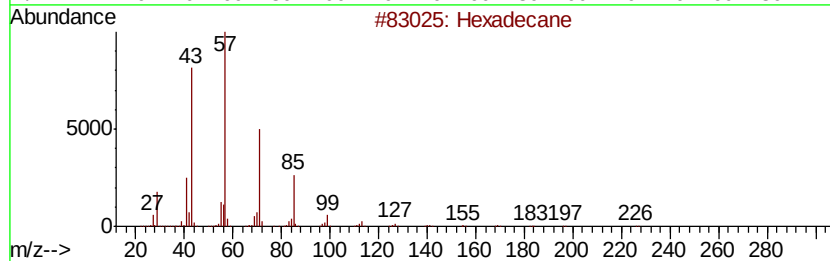
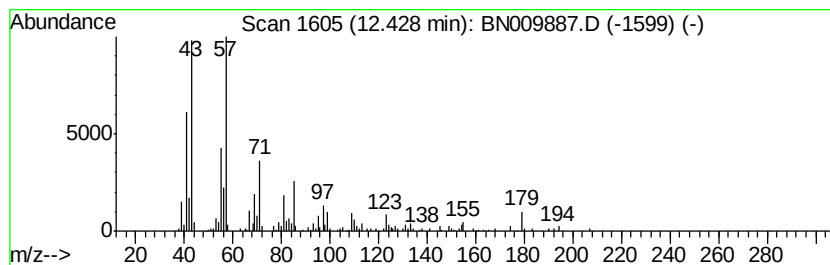
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.98 ng/ul	446005	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	52
2	Sulfurous acid, butyl undecyl ester	292 C15H32O3S	1000309-17-8	52
3	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	47
4	Dodecane, 2-methyl-	184 C13H28	001560-97-0	47
5	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

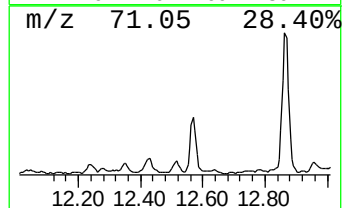
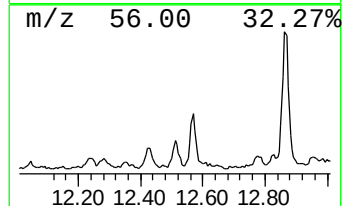
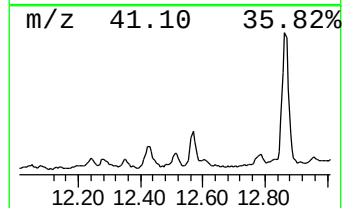
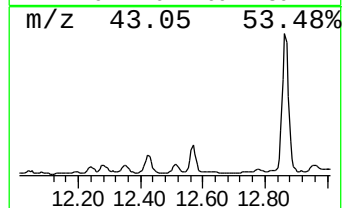
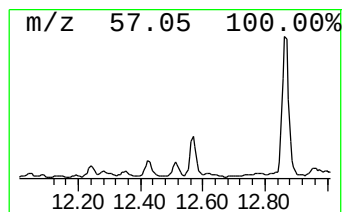
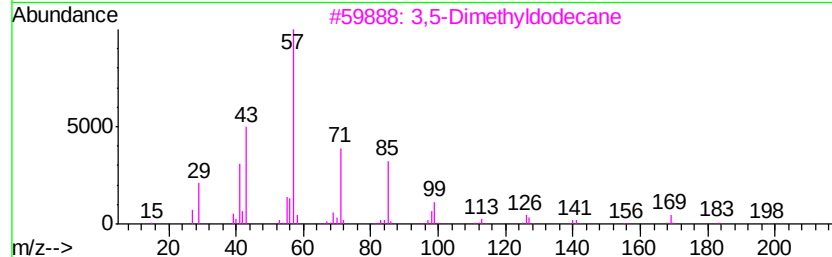
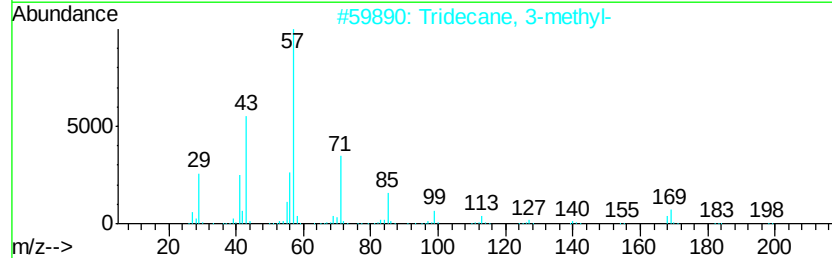
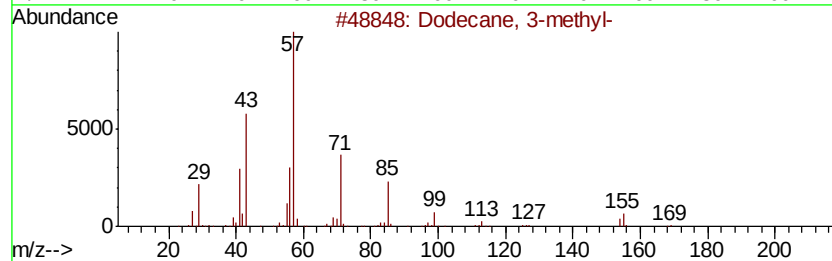
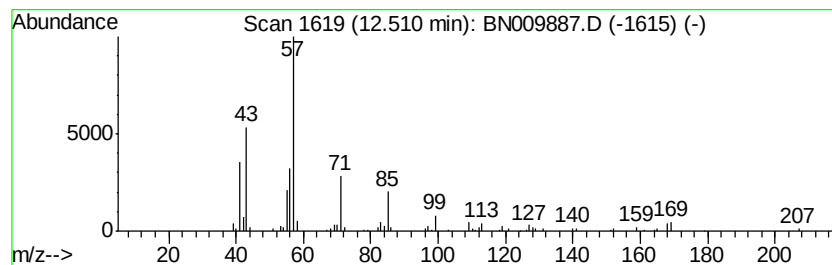
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.53 ng/ul	161855	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
4			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
5			3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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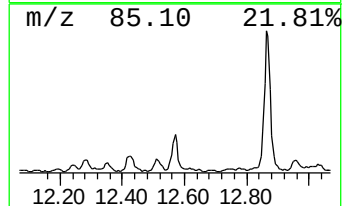
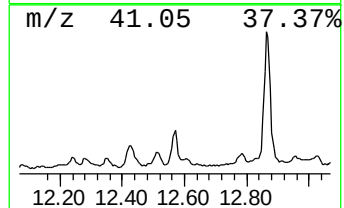
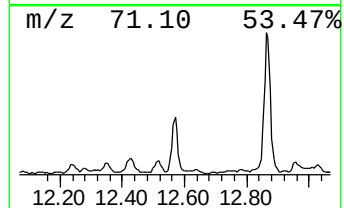
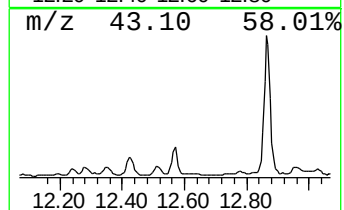
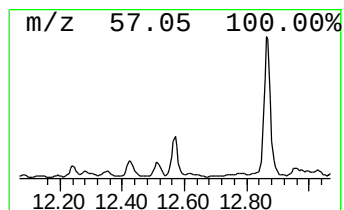
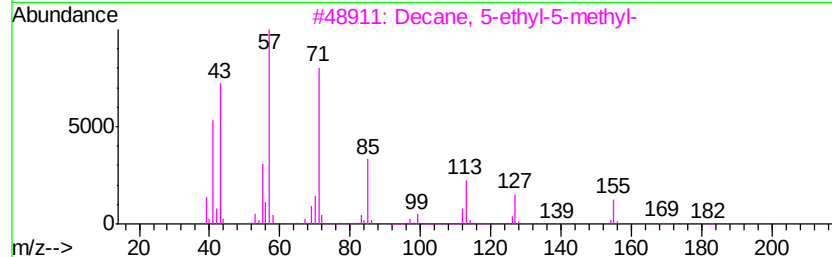
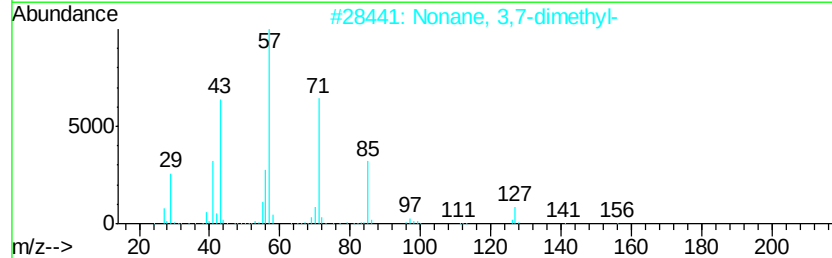
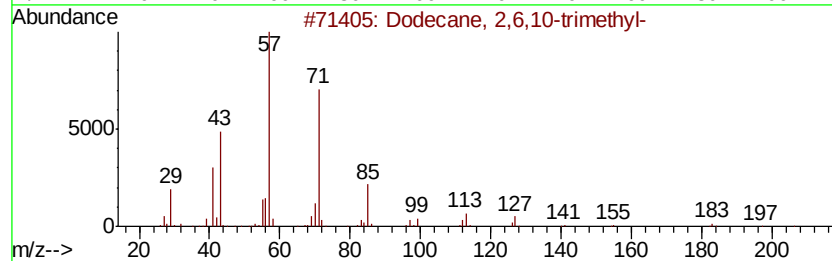
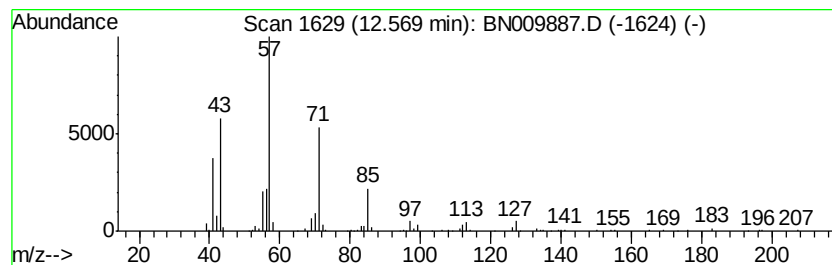
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	7.32 ng/ul	467447	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

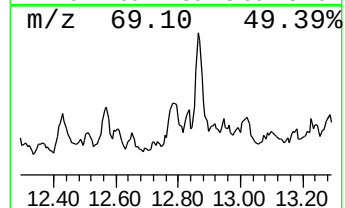
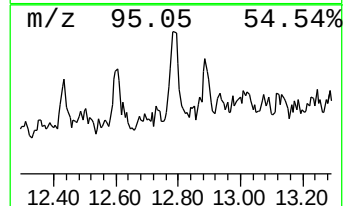
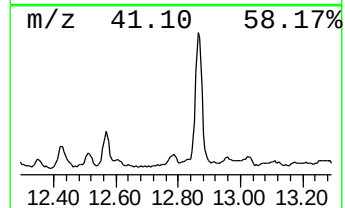
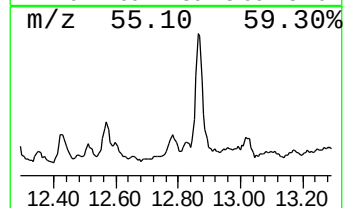
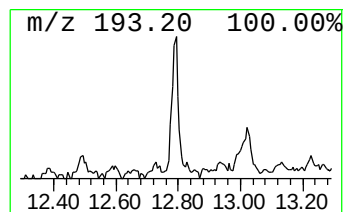
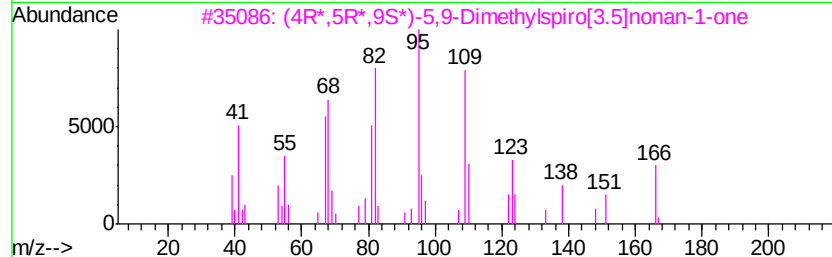
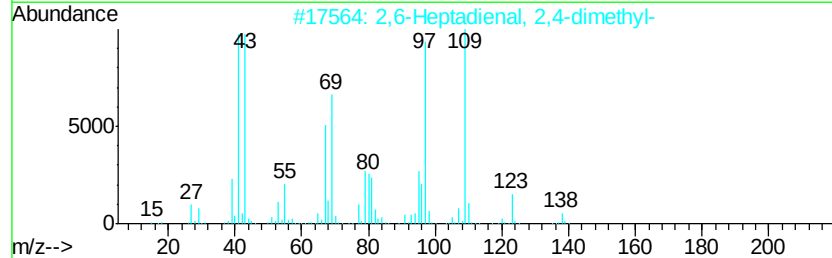
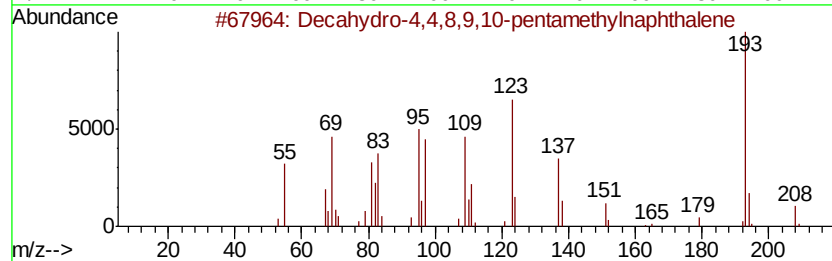
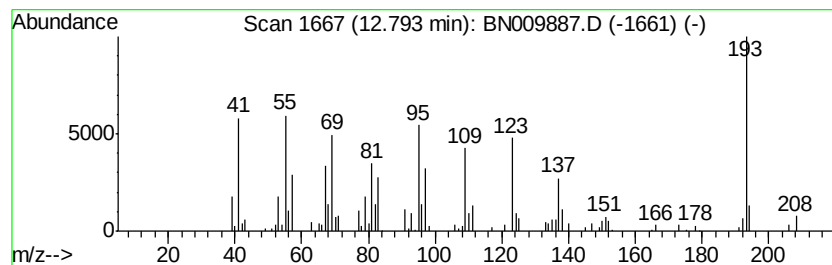
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Decahydro-4,4,8,9,10-pentam... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.79	3.00 ng/ul	191726	Acenaphthene-d10	14.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	98
2		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
3		(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166	C11H18O	063088-19-7	35
4		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
5		2-Anthracenamine	193	C14H11N	000613-13-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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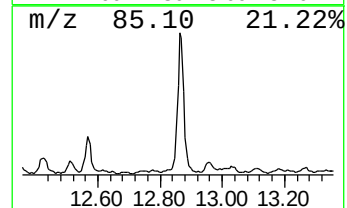
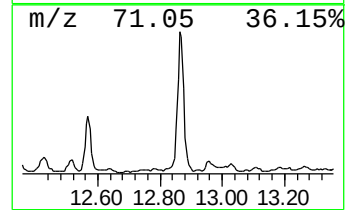
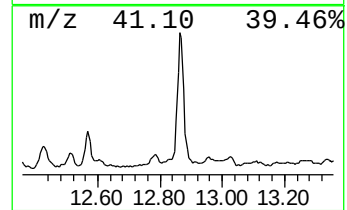
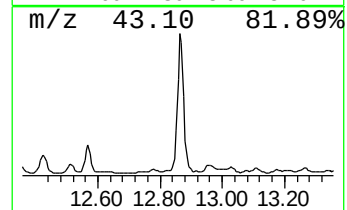
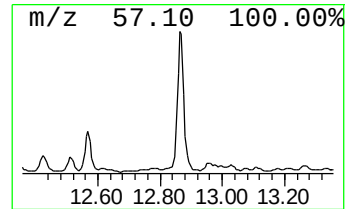
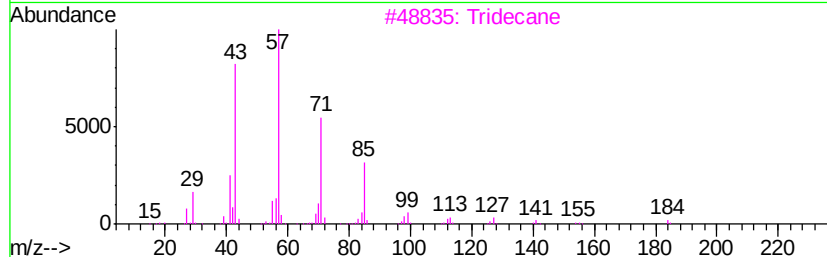
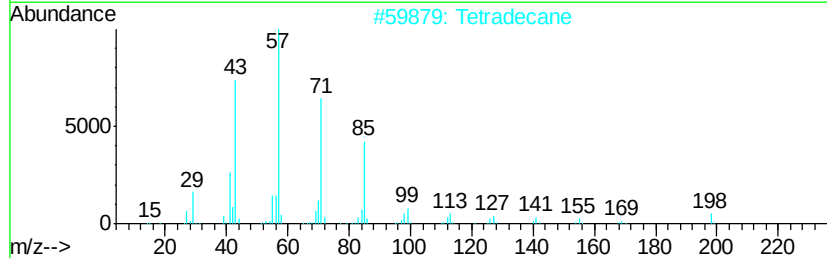
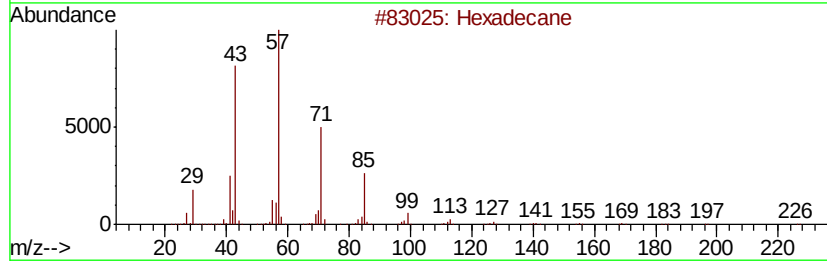
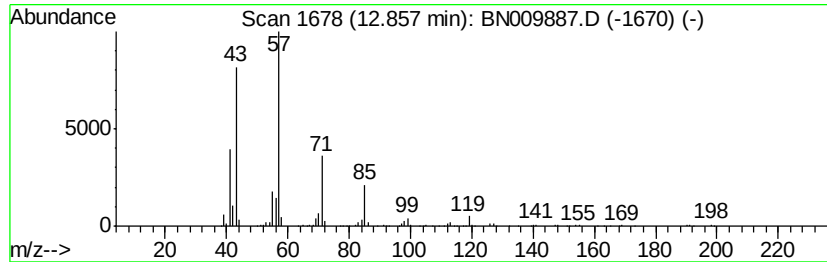
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	30.49 ng/ul	1948240	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

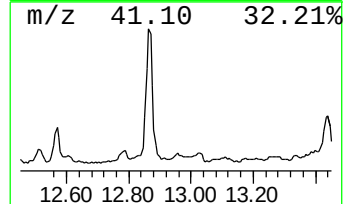
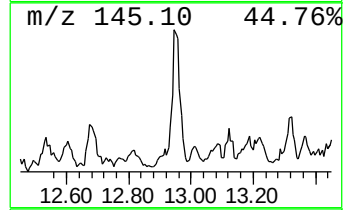
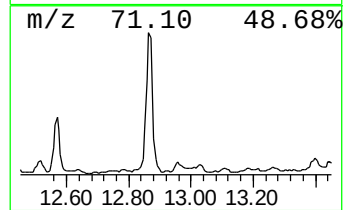
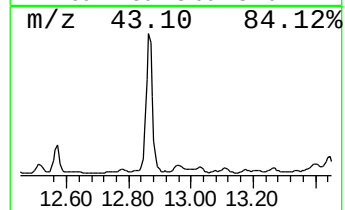
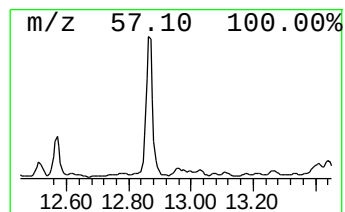
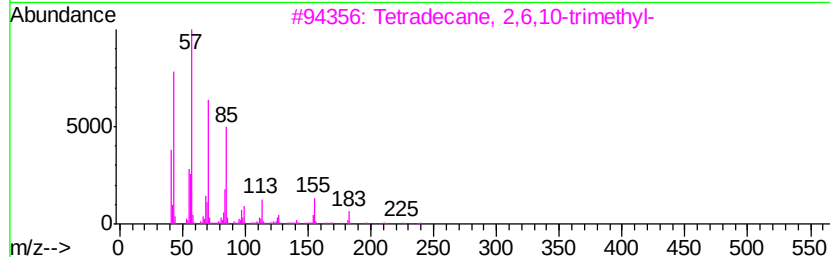
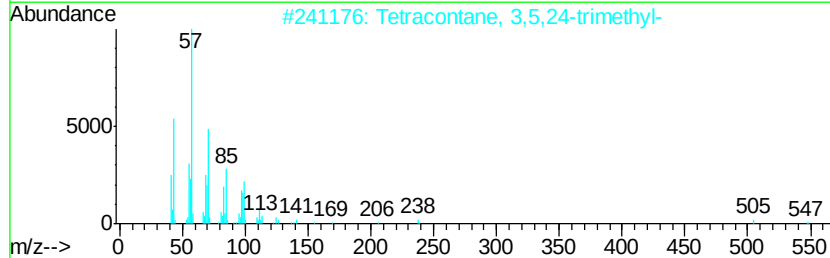
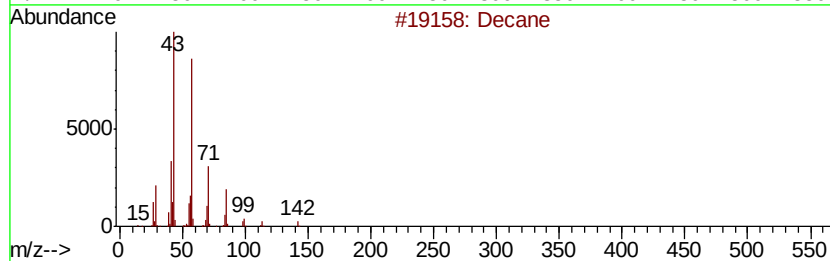
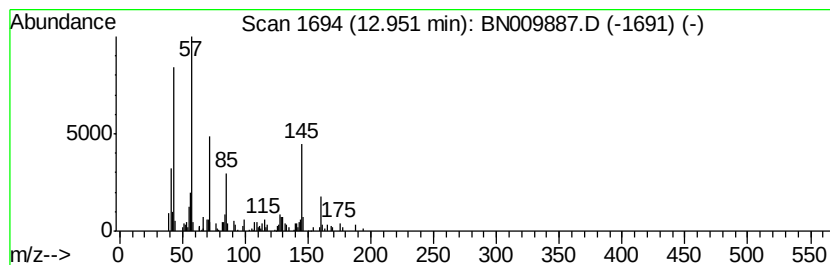
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	2.34 ng/ul	149455	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	49
2		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
4		Pentadecane	212	C15H32	000629-62-9	47
5		Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

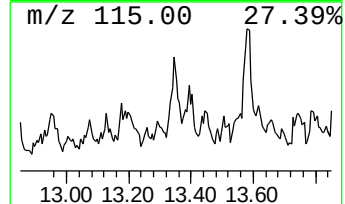
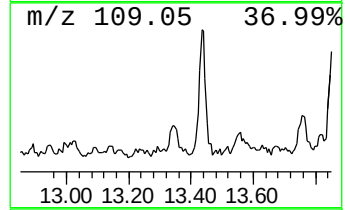
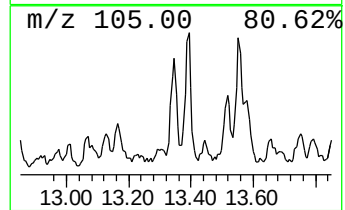
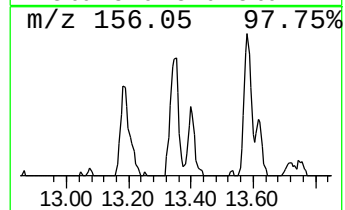
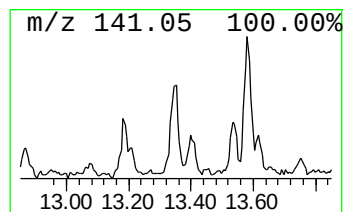
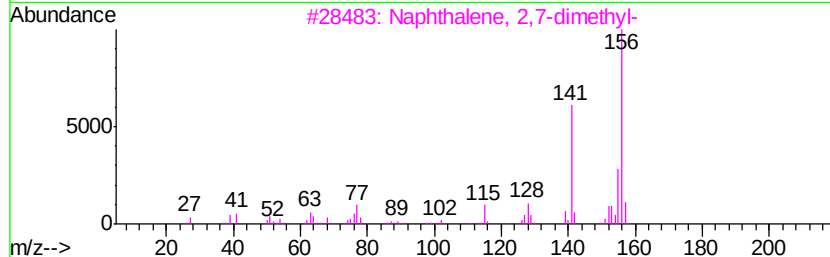
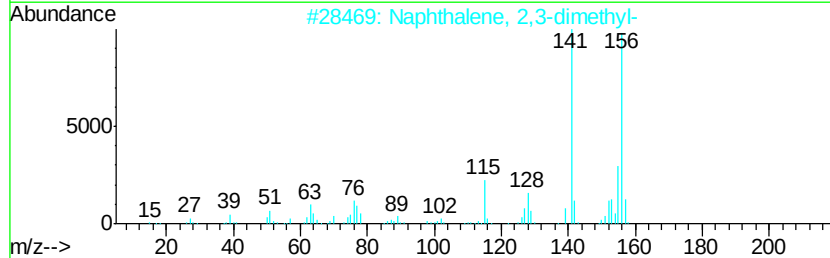
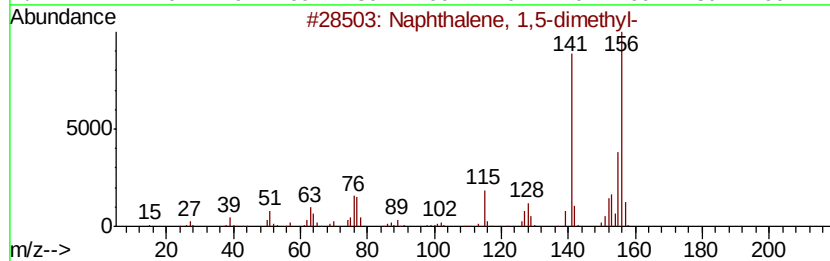
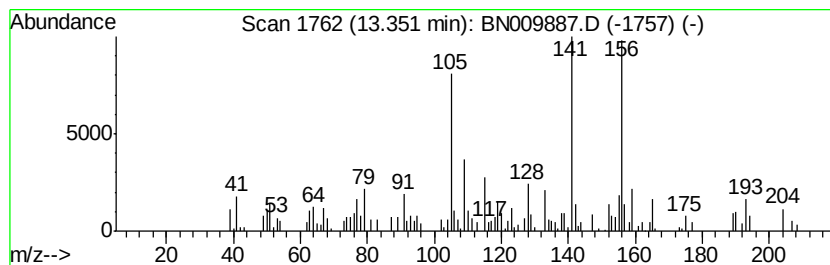
Instrument :
BNA_N
ClientSampleId :
C5B16DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 1,5-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.67 ng/ul	170422	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 93
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 91
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 91
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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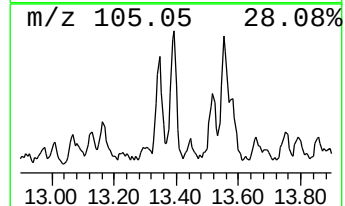
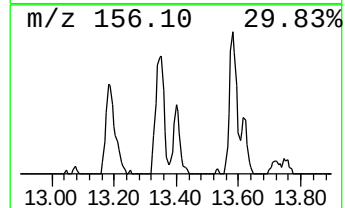
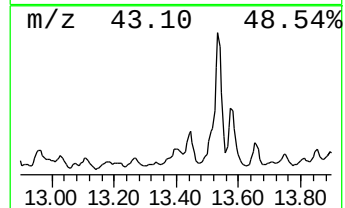
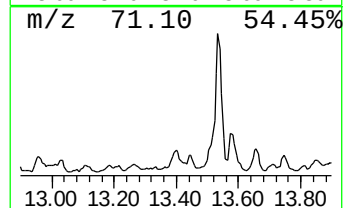
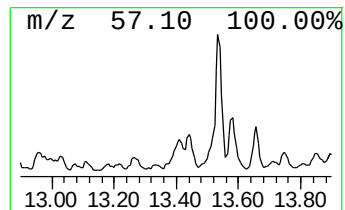
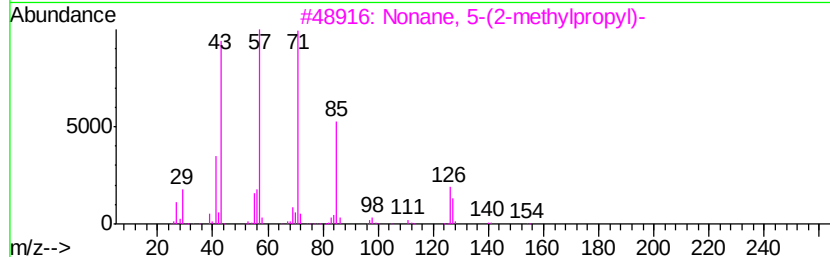
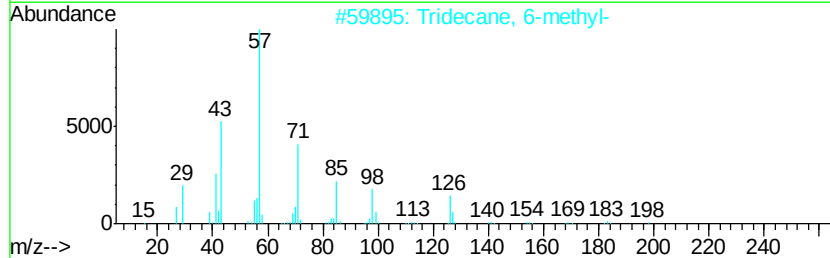
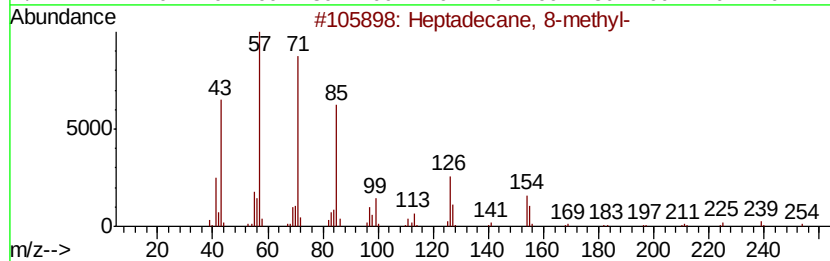
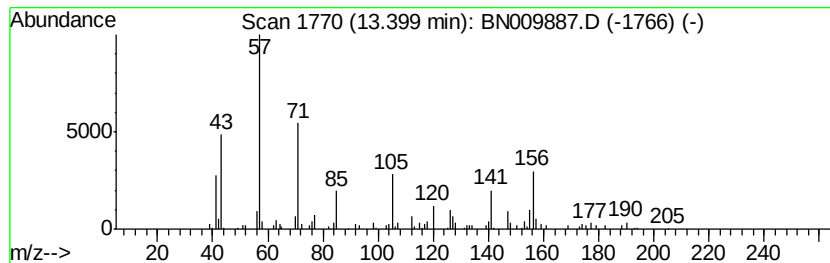
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.37 ng/ul	215357	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	38
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	27
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25
5		Hexadecane	226	C16H34	000544-76-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

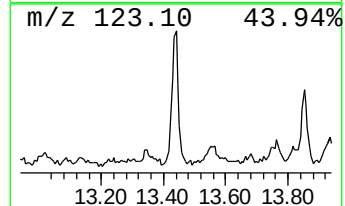
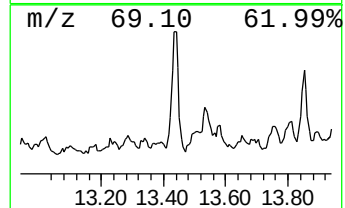
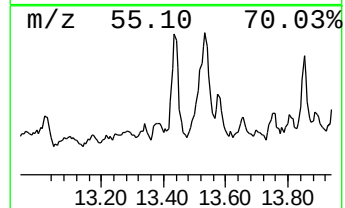
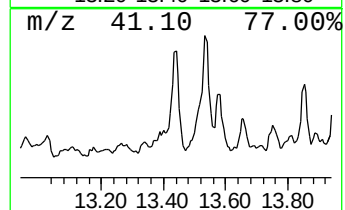
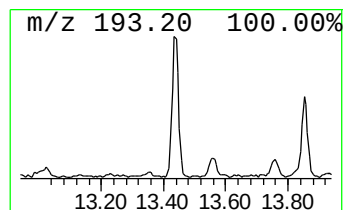
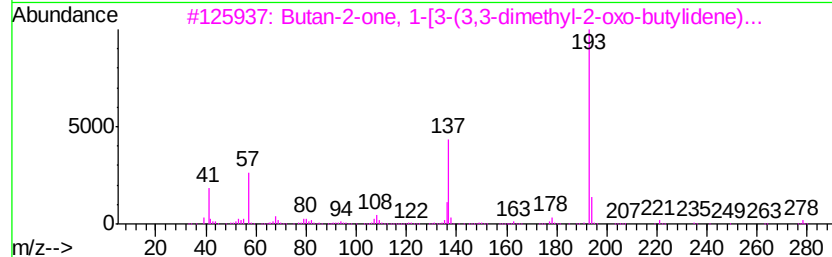
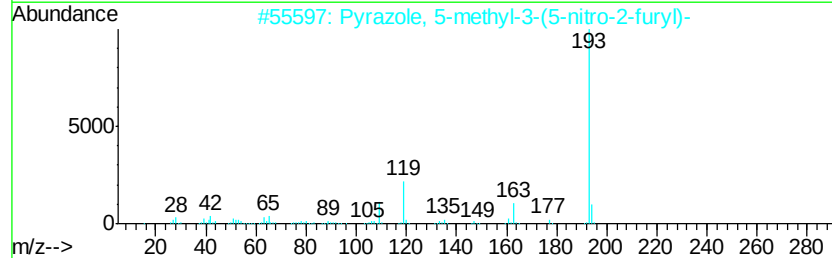
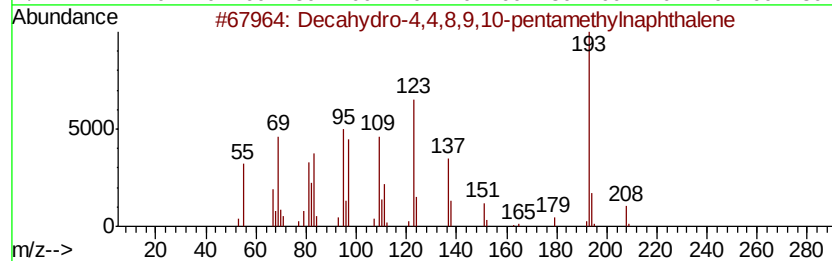
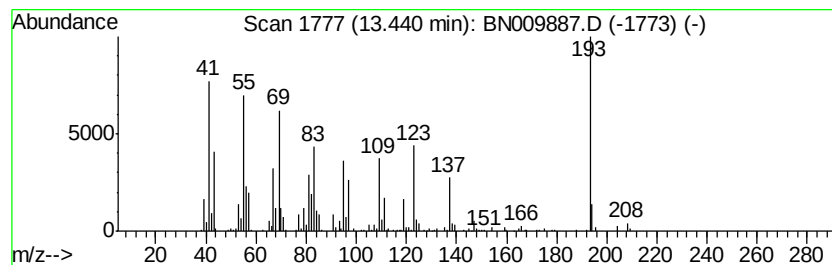
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	12.53 ng/ul	800319	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 38
2		Pyrazole, 5-methyl-3-(5-nitro-2-...	193 C8H7N3O3	016239-90-0 30
3		Butan-2-one, 1-[3-(3,3-dimethyl-...	278 C16H26N2O2	1000303-34-2 27
4		2-Diethylamino-4-phenylthiooct-2...	302 C18H26N2S	1000090-57-0 16
5		Fumaric acid, di(2-fluorophenyl)...	304 C16H10F2O4	1000345-22-9 16



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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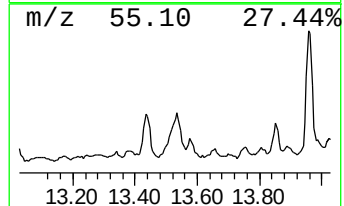
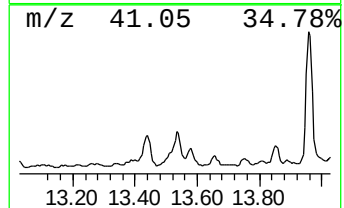
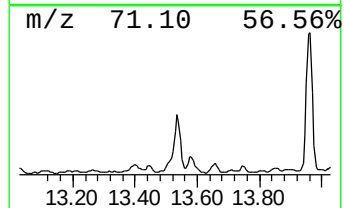
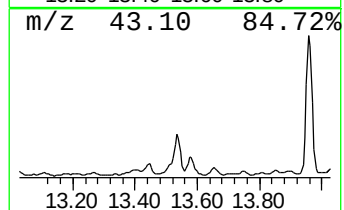
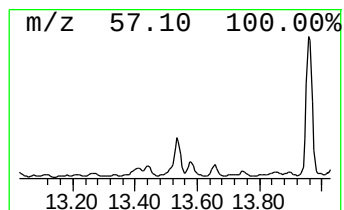
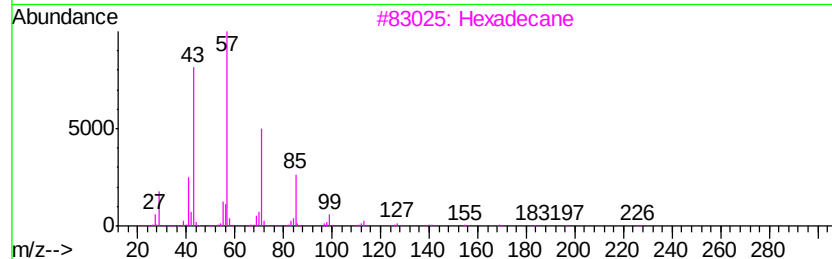
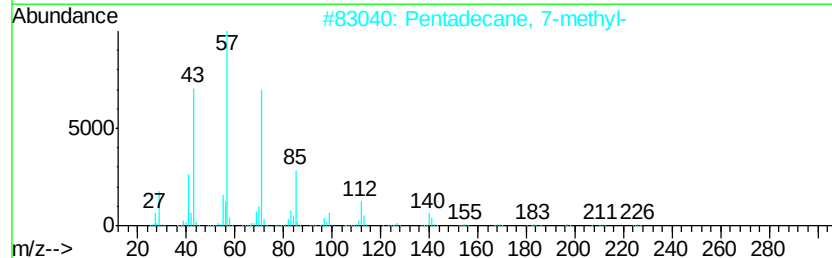
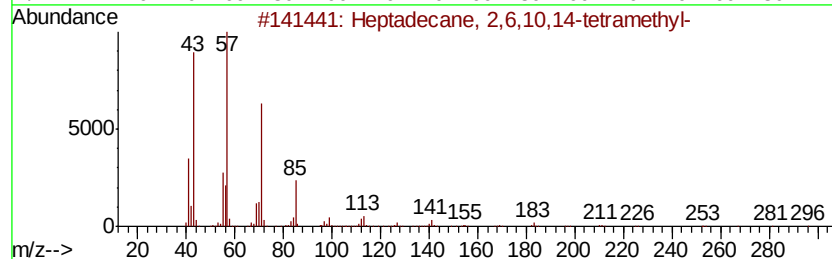
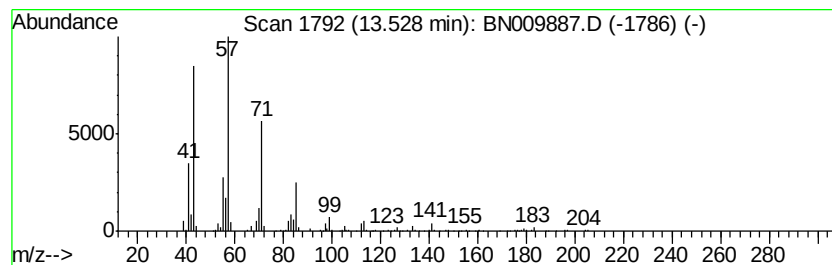
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	17.90 ng/ul	1143650	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	91
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Dodecane	170	C12H26	000112-40-3	78
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

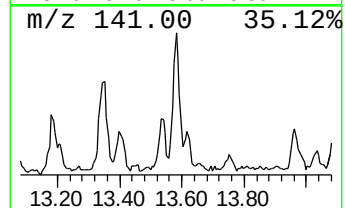
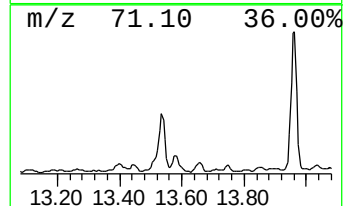
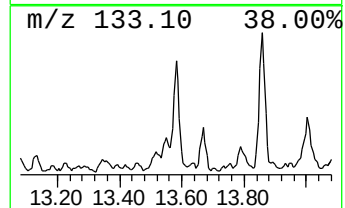
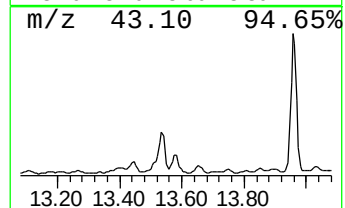
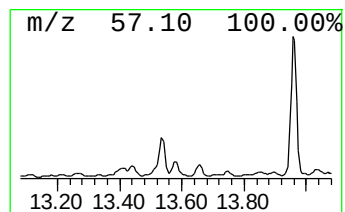
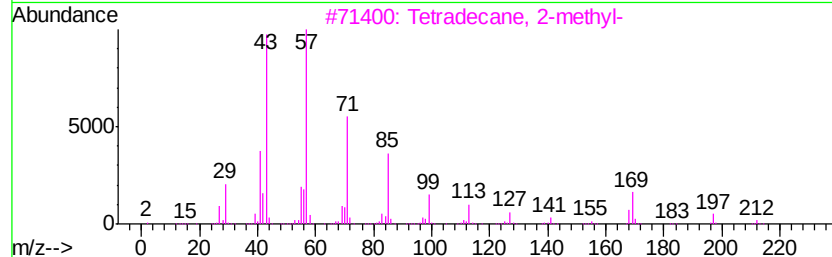
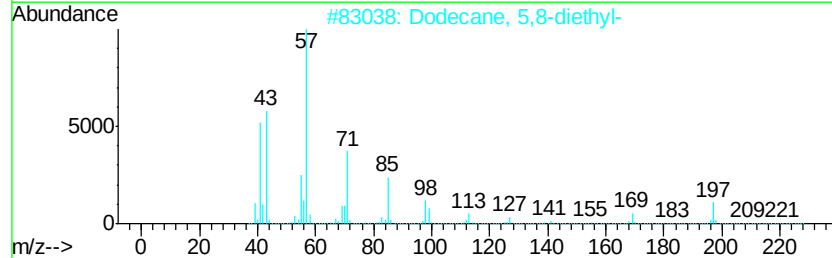
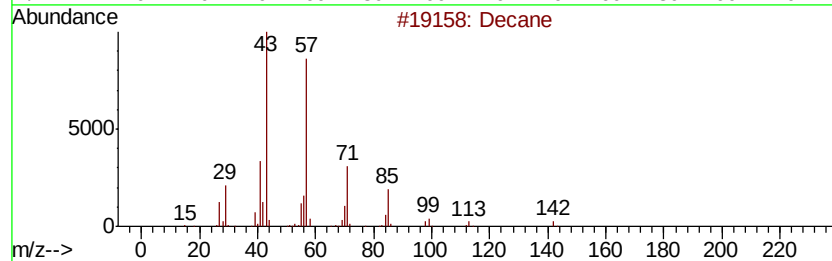
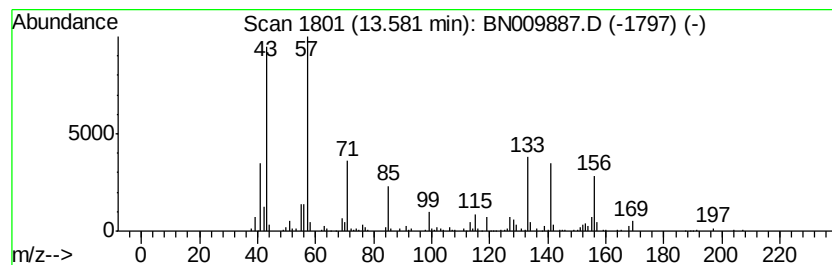
Instrument :
BNA_N
ClientSampleId :
C5B16DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	8.41 ng/ul	537597	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 46
2	Dodecane, 5,8-diethyl-		226 C16H34	024251-86-3 38
3	Tetradecane, 2-methyl-		212 C15H32	001560-95-8 35
4	Nonane		128 C9H20	000111-84-2 30
5	Octane, 2,7-dimethyl-		142 C10H22	001072-16-8 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

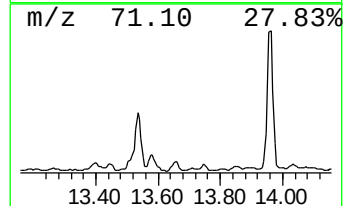
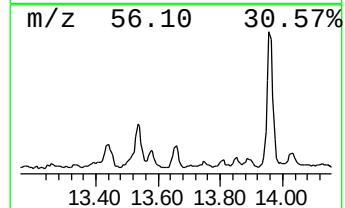
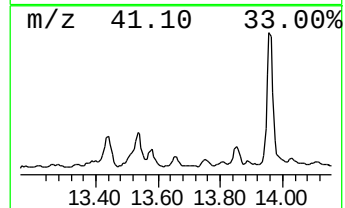
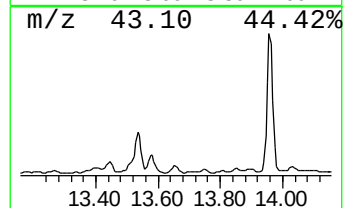
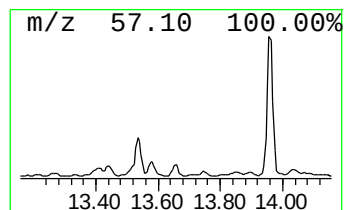
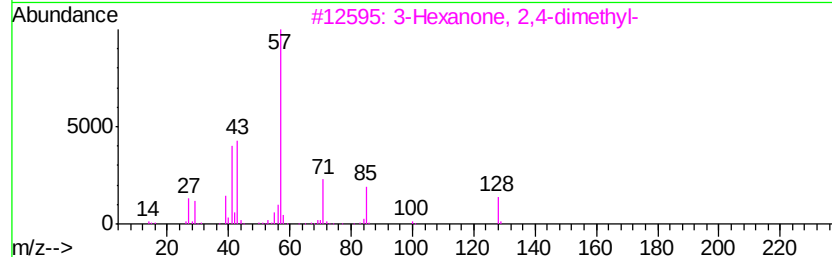
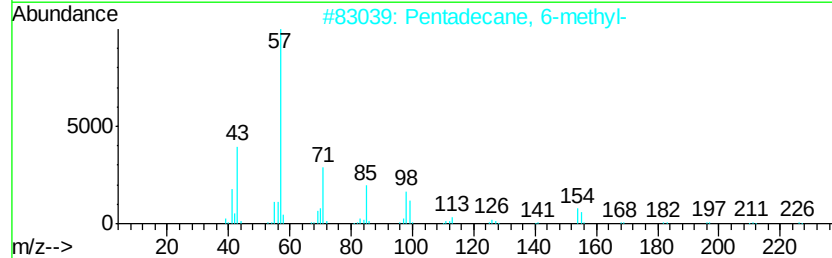
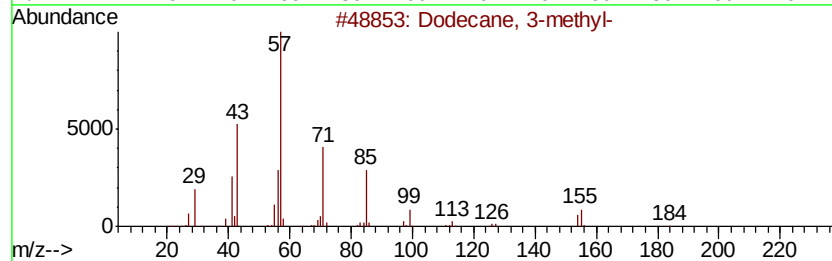
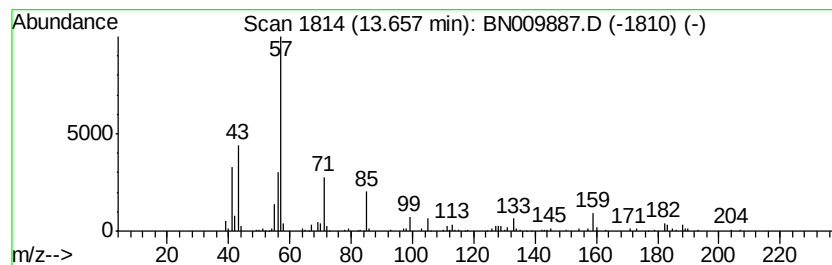
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.89 ng/ul	184765	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 3-methyl-	184 C13H28	017312-57-1 59
2		Pentadecane, 6-methyl-	226 C16H34	010105-38-1 47
3		3-Hexanone, 2,4-dimethyl-	128 C8H16O	018641-70-8 47
4		Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9 43
5		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 43



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Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

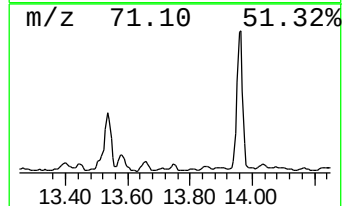
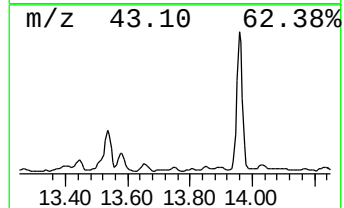
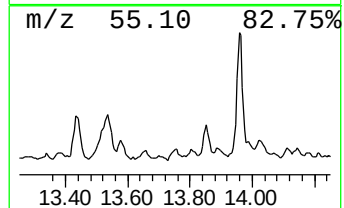
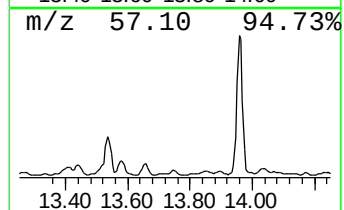
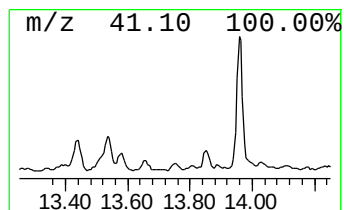
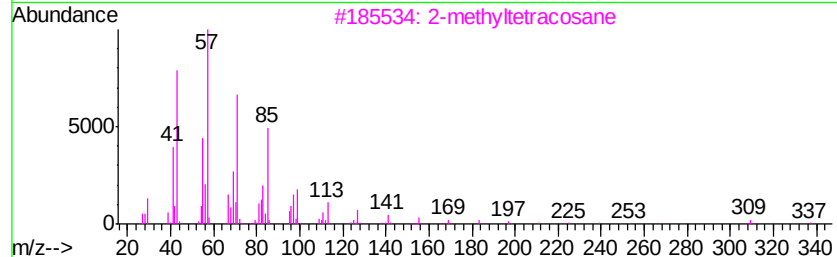
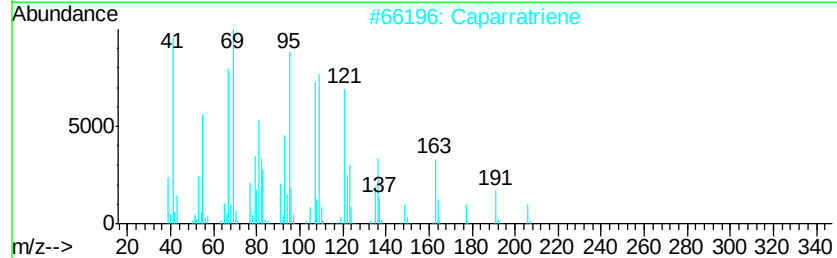
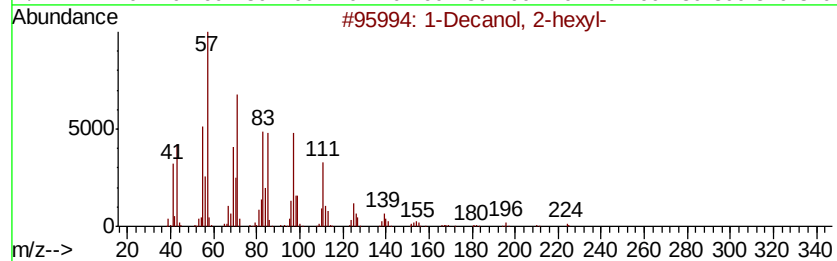
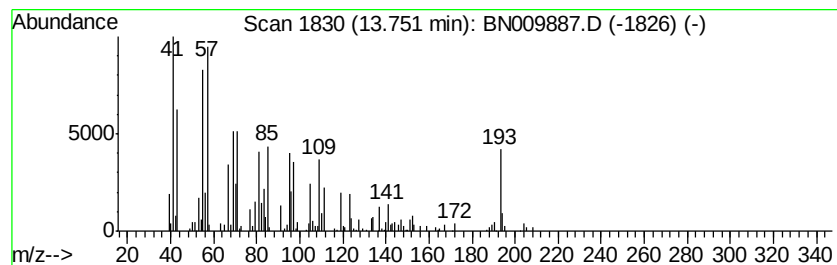
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.67 ng/ul	170523	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-hexyl-		242 C16H34O	002425-77-6 38
2	Caparratriene		206 C15H26	1000374-08-7 25
3	2-methyltetracosane		352 C25H52	1000376-72-6 22
4	Hexadecane, 1-bromo-		304 C16H33Br	000112-82-3 22
5	Cyclohexanol, 5-methyl-2-(1-meth...		156 C10H20O	023283-97-8 22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
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Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

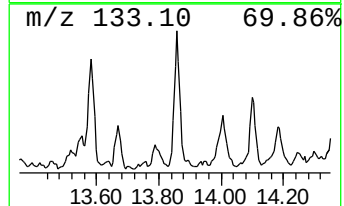
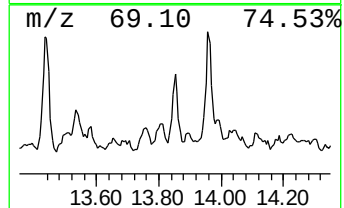
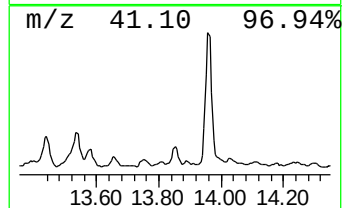
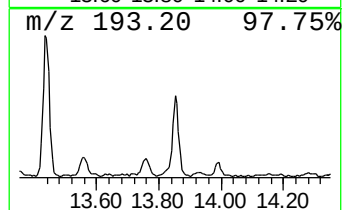
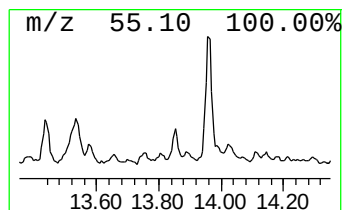
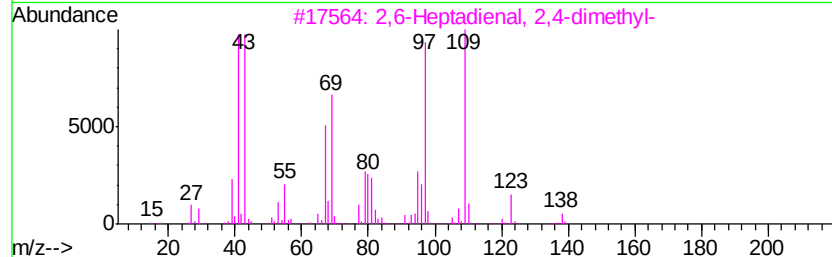
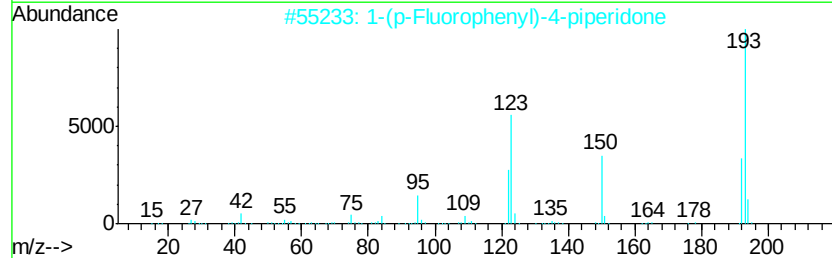
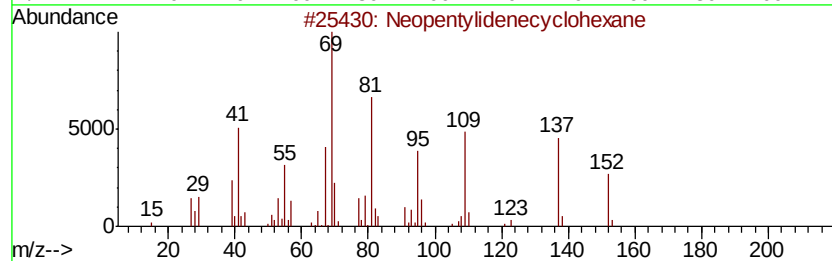
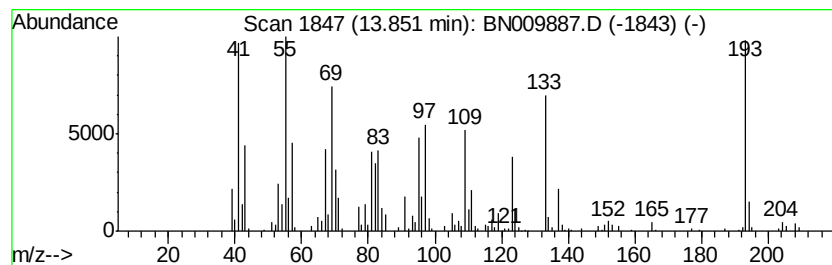
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.63 ng/ul	423556	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Neopentylidenecyclohexane	152 C11H20	039546-80-0 27
2		1-(p-Fluorophenyl)-4-piperidone	193 C11H12FNO	1000238-56-7 22
3		2,6-Heptadienal, 2,4-dimethyl-	138 C9H14O	085136-08-9 15
4		3-Hexene, 3-ethyl-2,5-dimethyl-	140 C10H20	062338-08-3 14
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

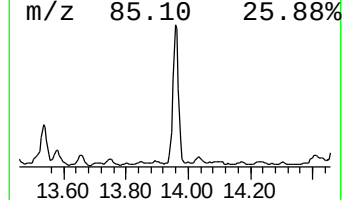
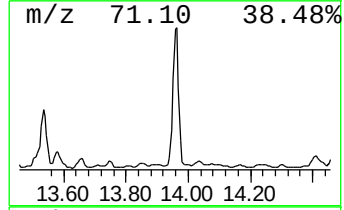
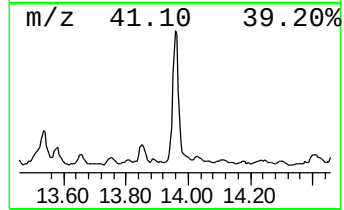
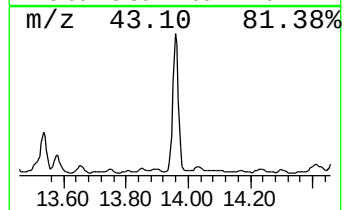
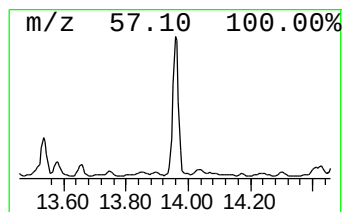
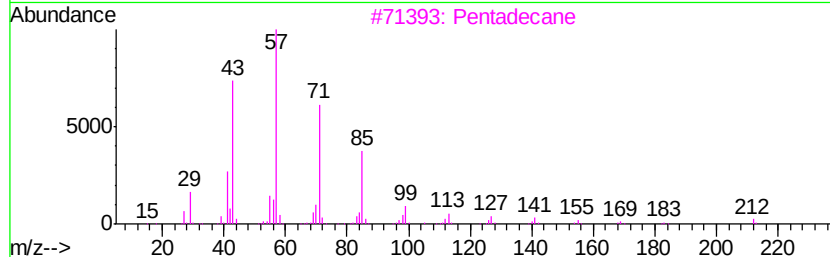
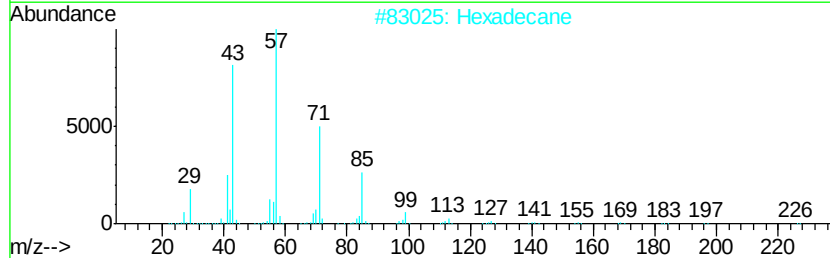
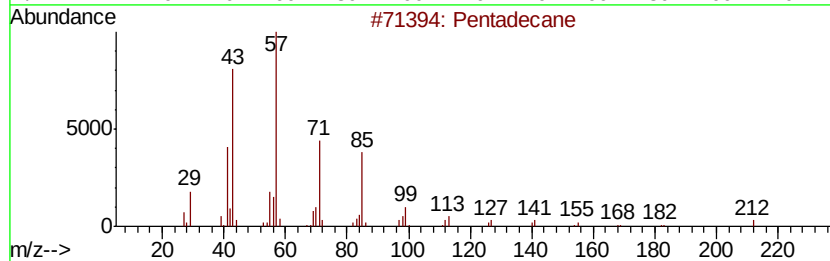
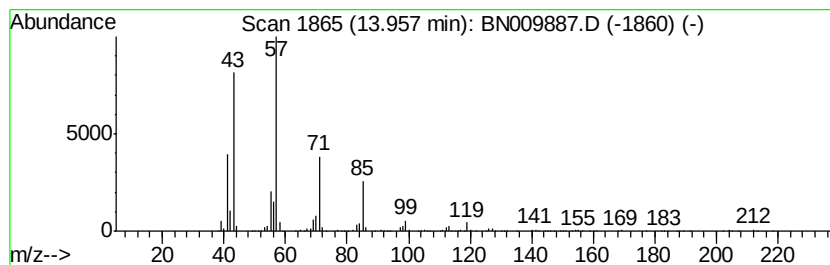
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	43.89 ng/ul	2804240	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

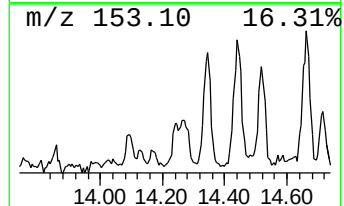
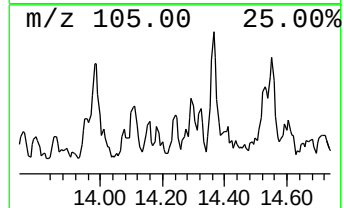
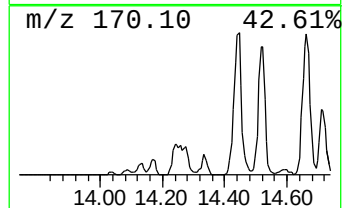
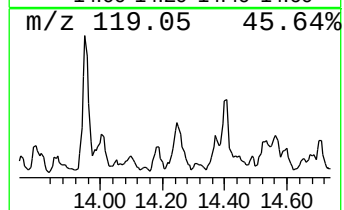
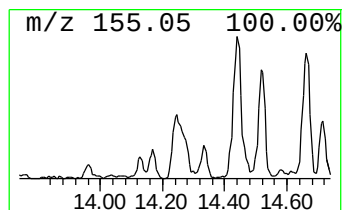
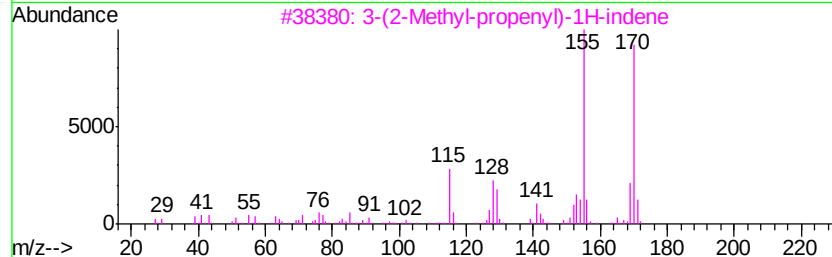
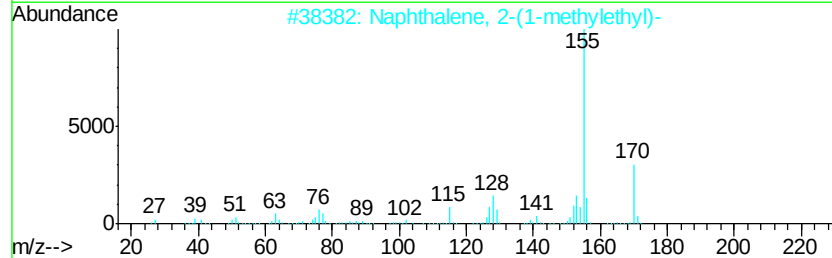
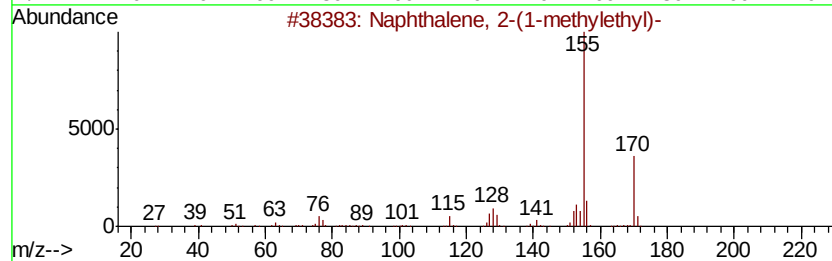
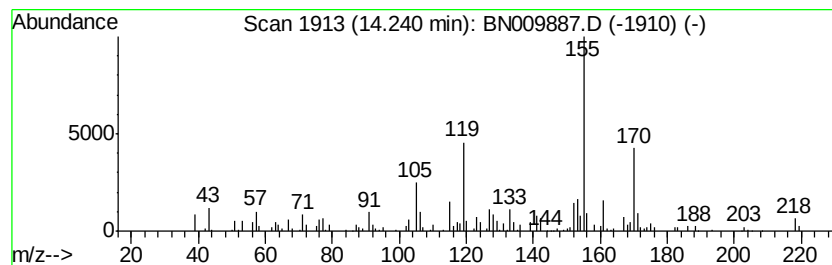
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Naphthalene, 2-(1-methyleth... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.78 ng/ul	177690	Acenaphthene-d10	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 58
2		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 58
3		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 53
4		4a,8a-Methanonaphthalene, 9,9-di...	170 C13H14	038963-97-2 50
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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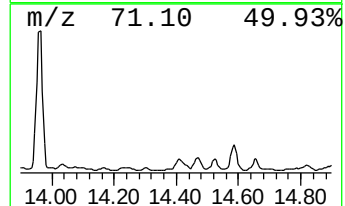
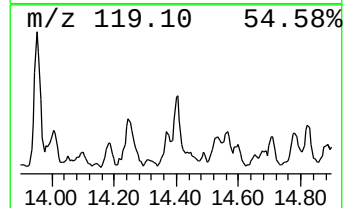
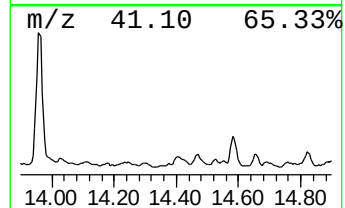
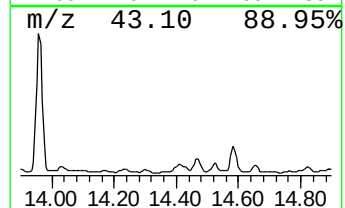
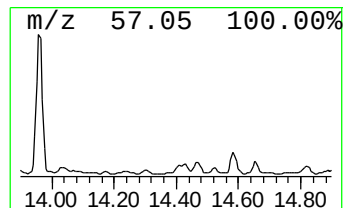
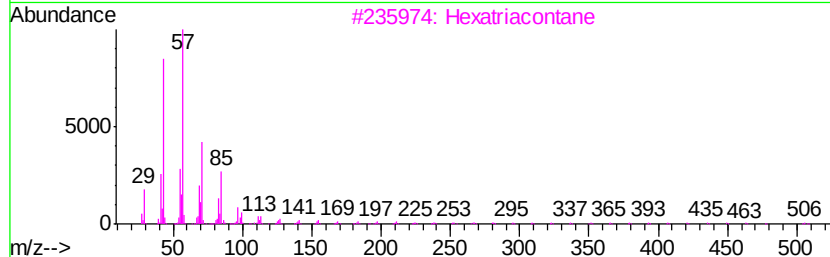
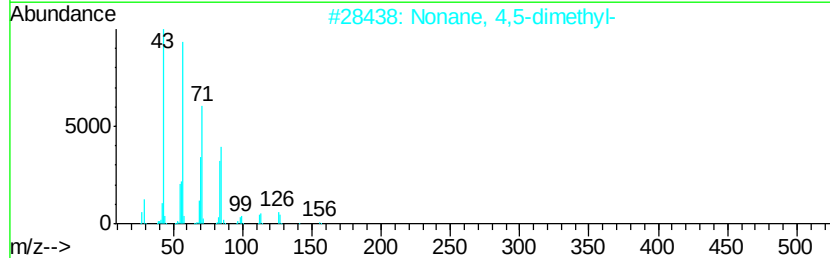
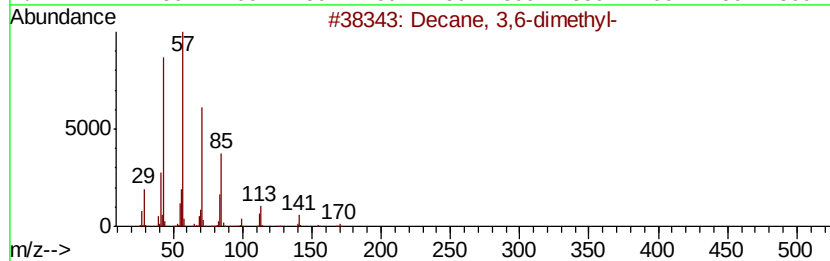
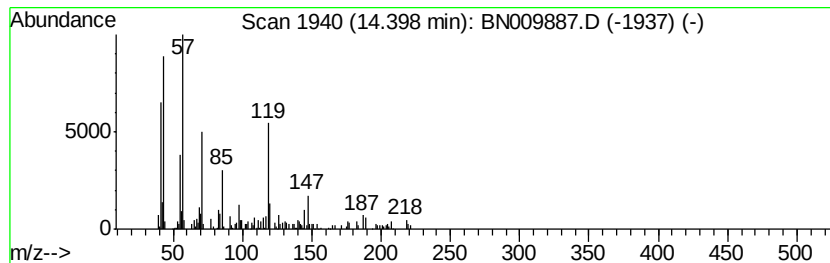
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.25 ng/ul	207906	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
3			Hexatriacontane	507	C36H74	000630-06-8	46
4			Hexadecane	226	C16H34	000544-76-3	43
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
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Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

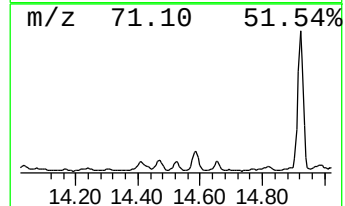
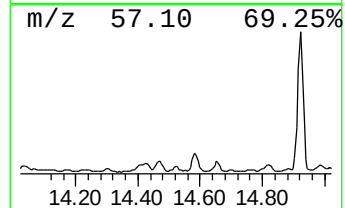
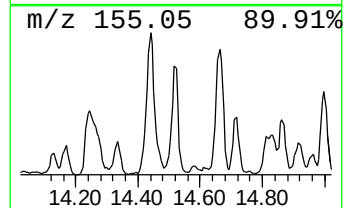
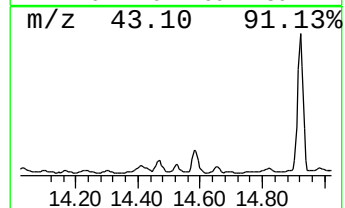
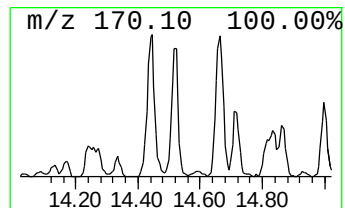
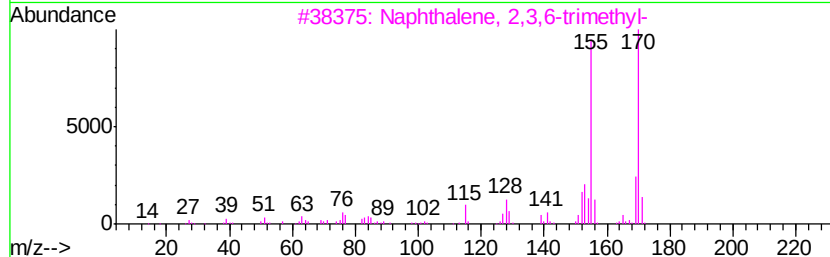
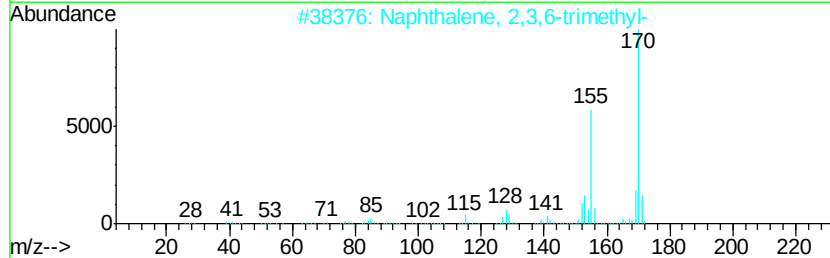
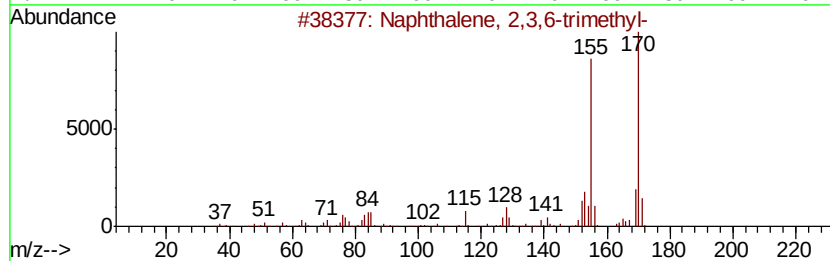
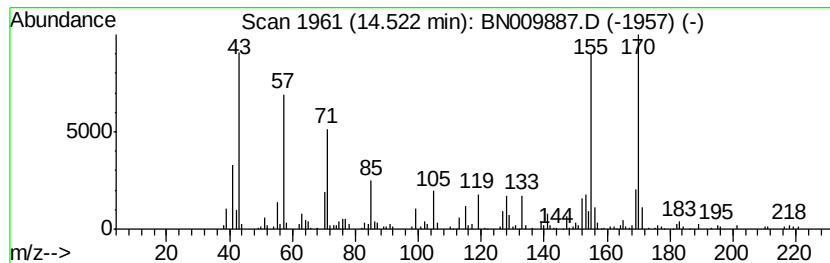
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Naphthalene, 2,3,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	4.03 ng/ul	257428	Acenaphthene-d10	14.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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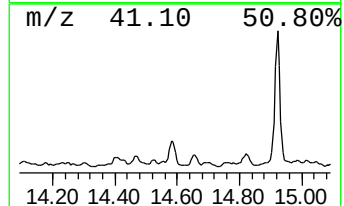
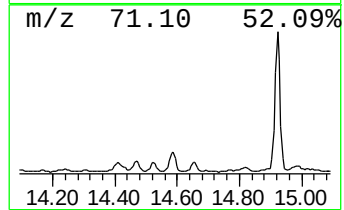
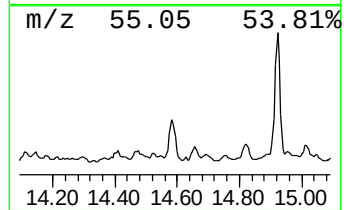
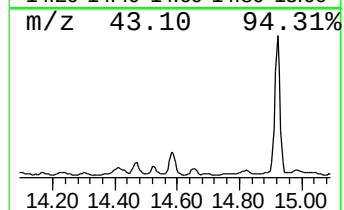
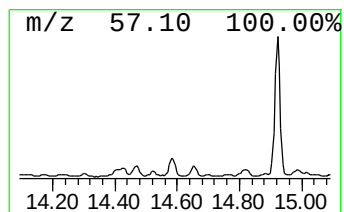
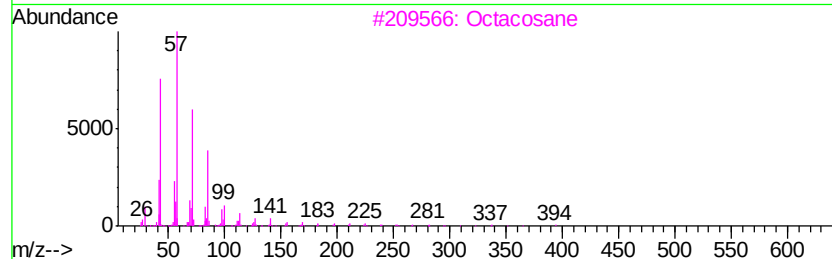
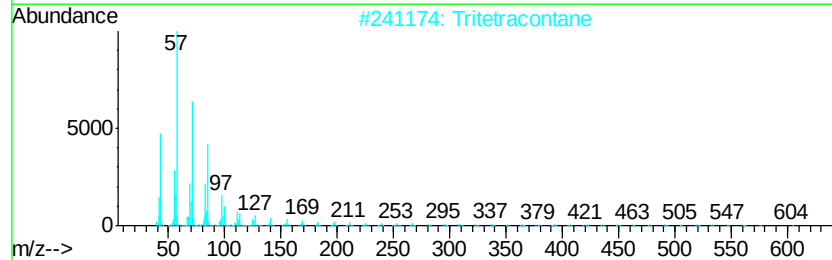
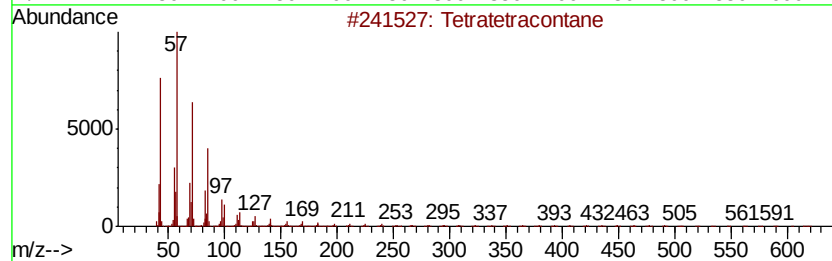
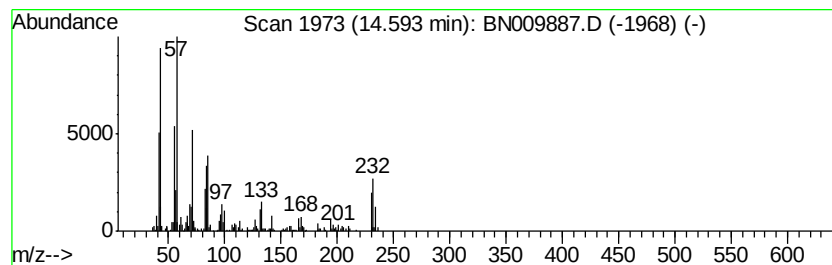
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.61 ng/ul	741701	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	49
2			Tritetracontane	605	C43H88	007098-21-7	49
3			Octacosane	394	C28H58	000630-02-4	49
4			Tetratetracontane	619	C44H90	007098-22-8	46
5			Hexacosane	366	C26H54	000630-01-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

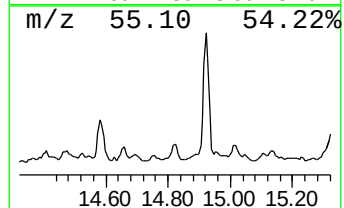
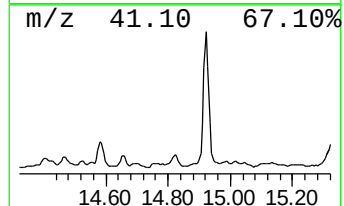
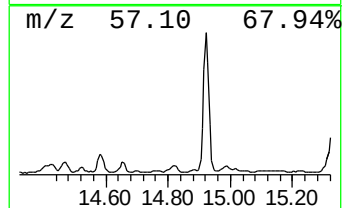
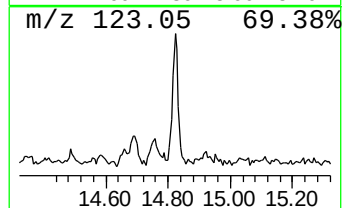
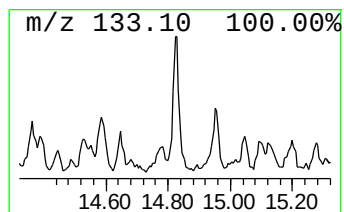
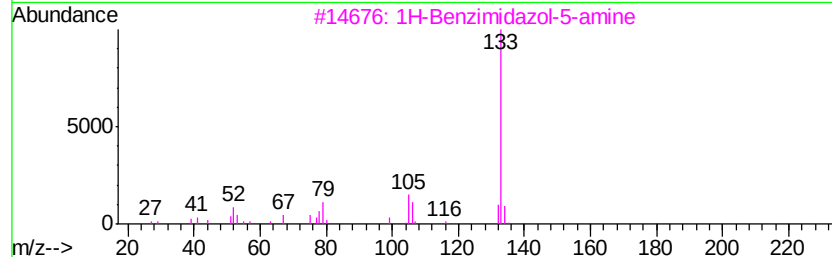
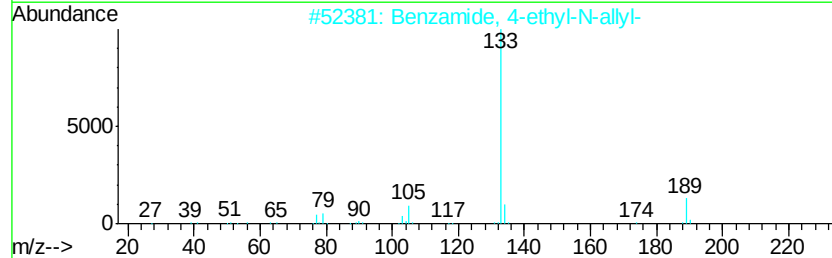
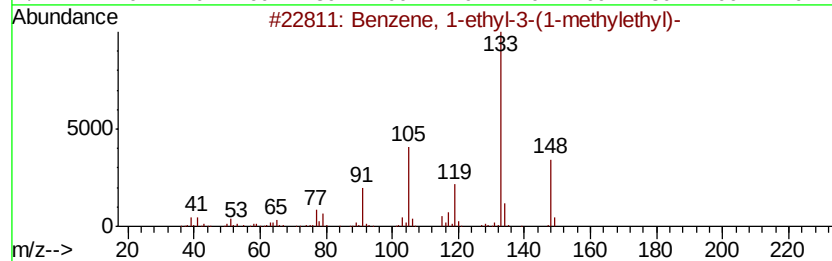
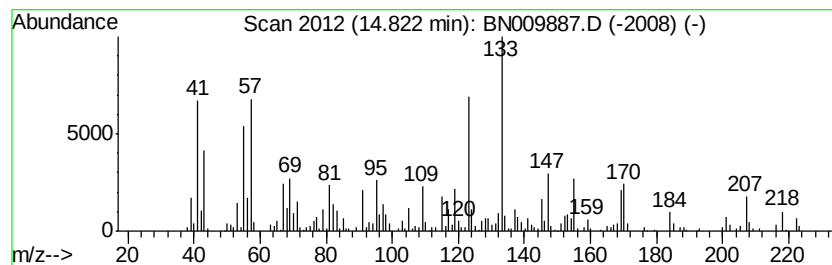
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.52 ng/ul	480408	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	22
2			Benzamide, 4-ethyl-N-allyl-	189	C12H15NO	1000340-34-5	18
3			1H-Benzimidazol-5-amine	133	C7H7N3	000934-22-5	18
4			Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	14
5			1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C5B16DL

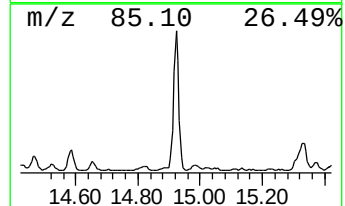
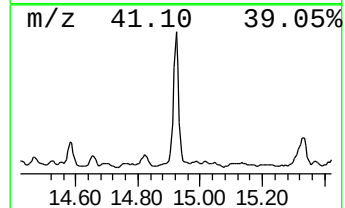
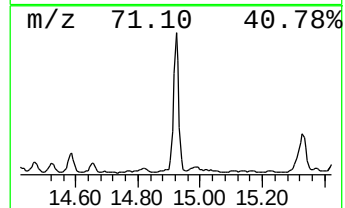
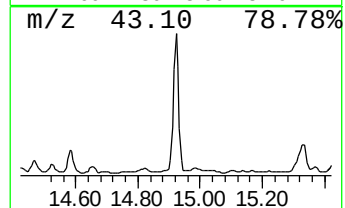
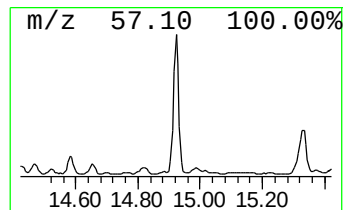
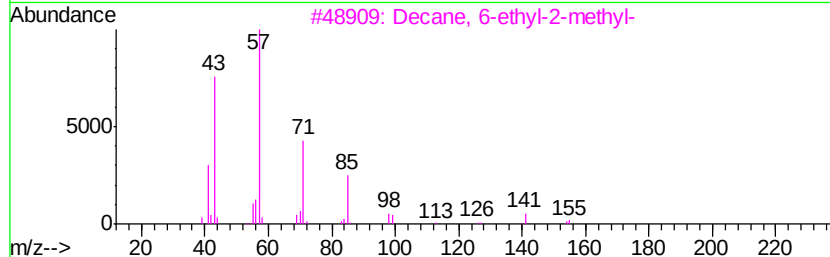
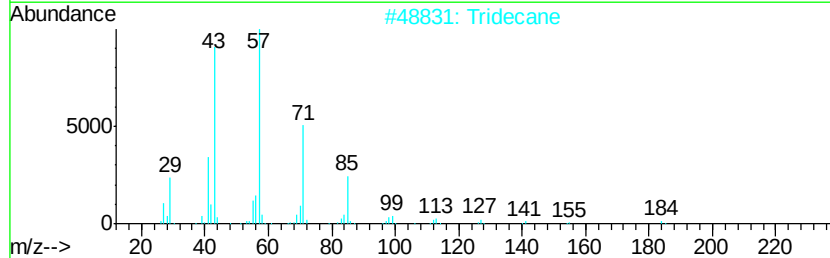
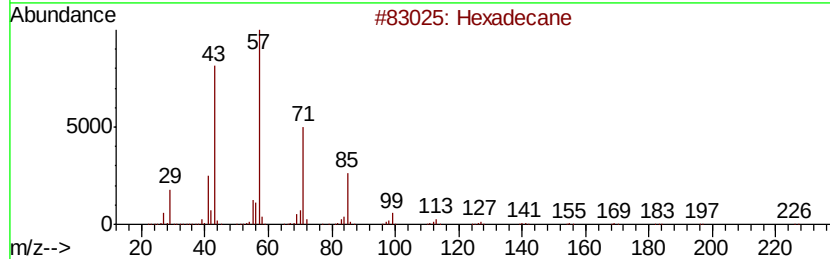
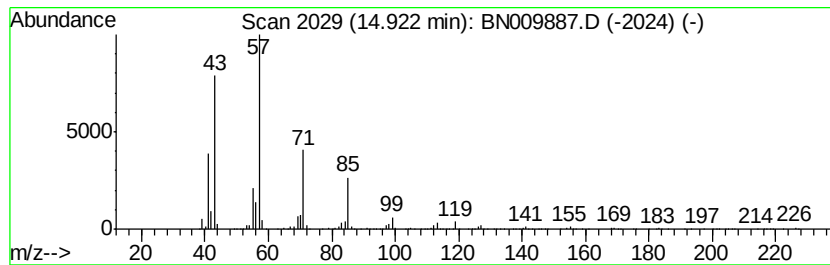
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	42.37 ng/ul	2706840	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Hexadecane	226	C16H34	000544-76-3	81
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

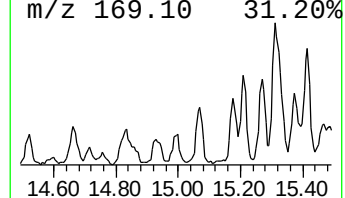
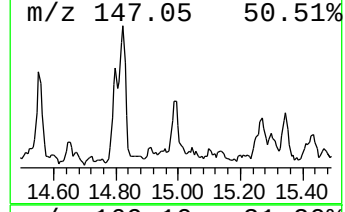
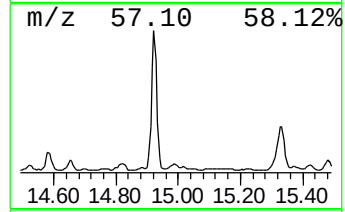
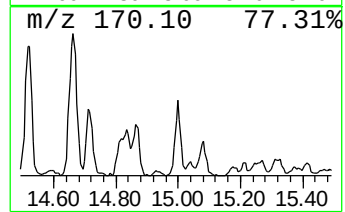
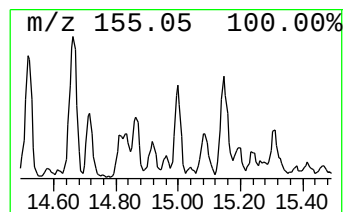
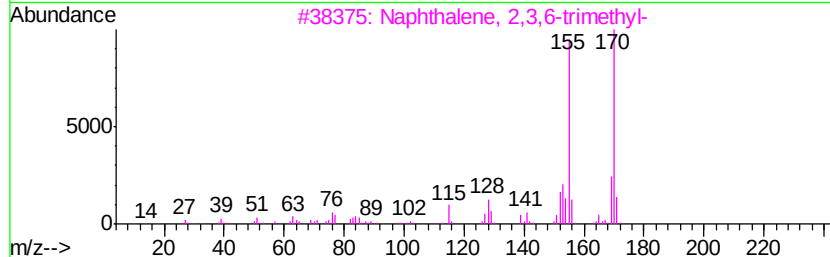
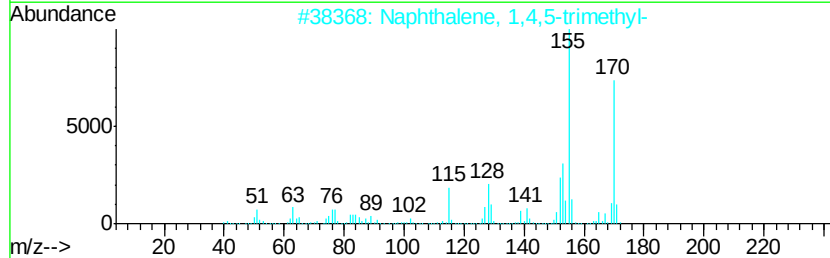
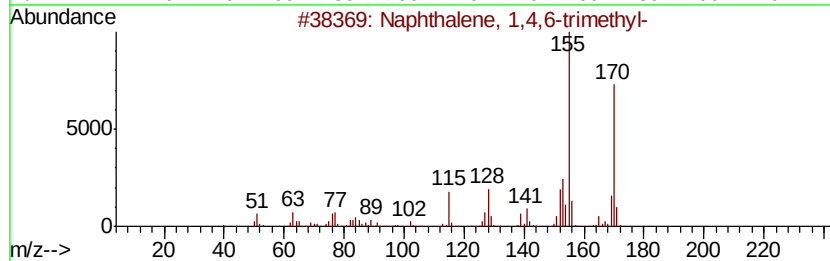
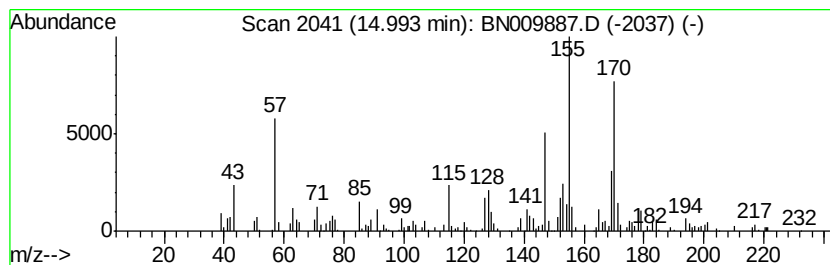
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Naphthalene, 1,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	4.23 ng/ul	270388	Acenaphthene-d10	14.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
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Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

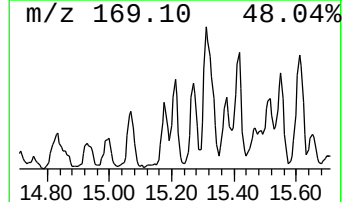
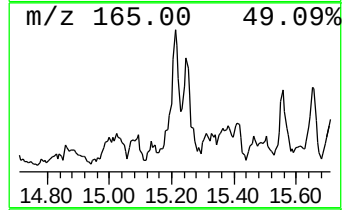
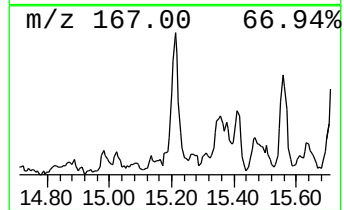
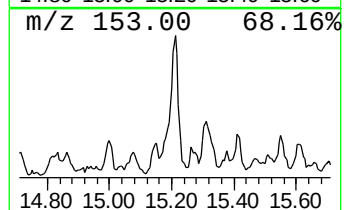
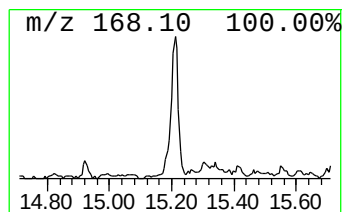
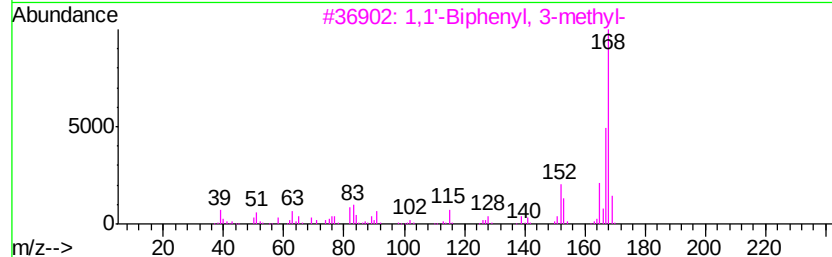
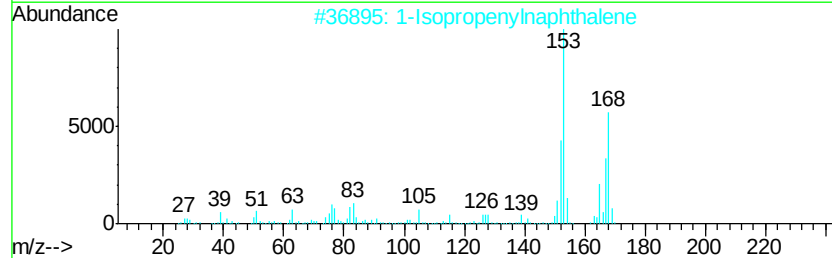
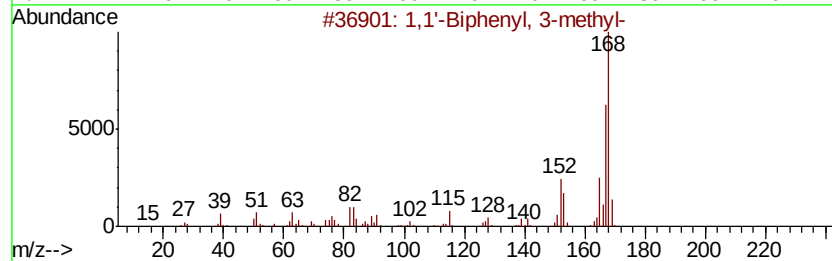
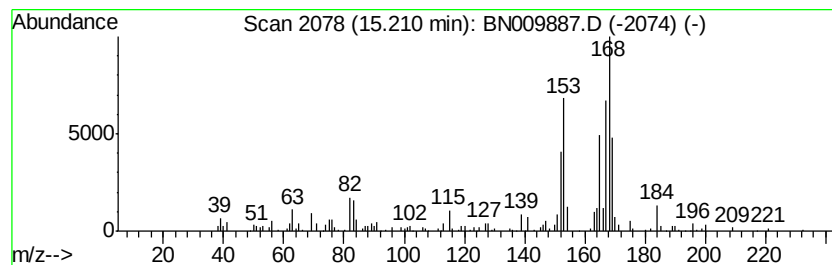
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 1,1'-Biphenyl, 3-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.21	4.07 ng/ul	260052	Acenaphthene-d10		14.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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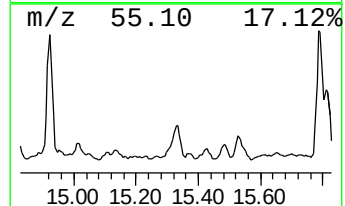
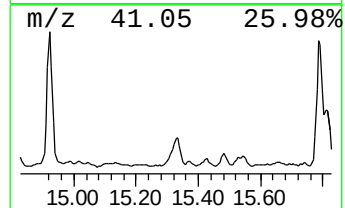
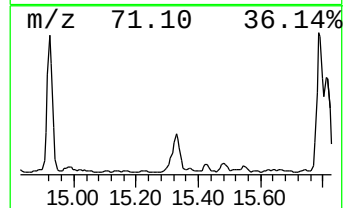
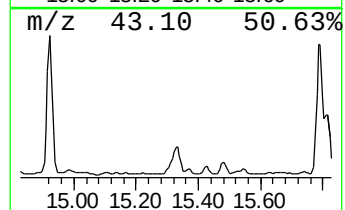
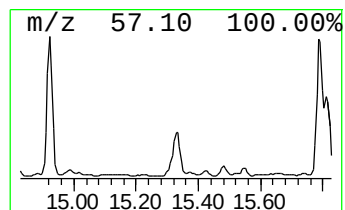
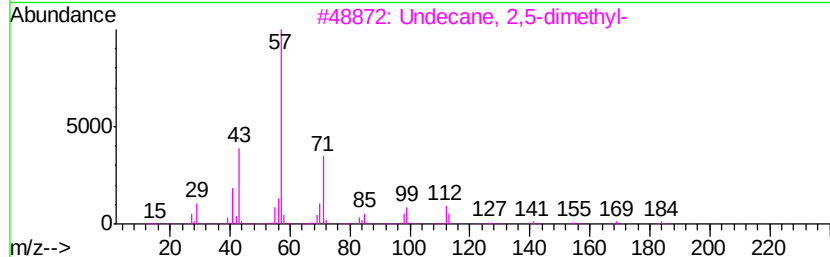
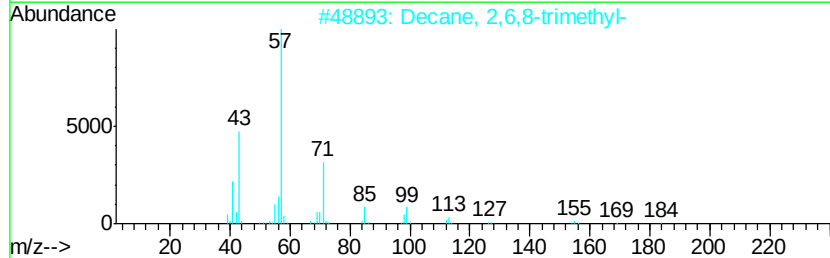
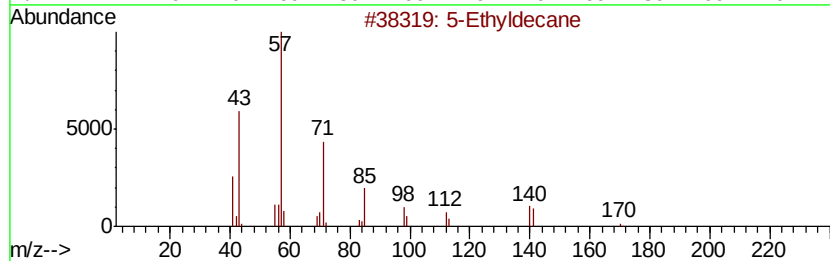
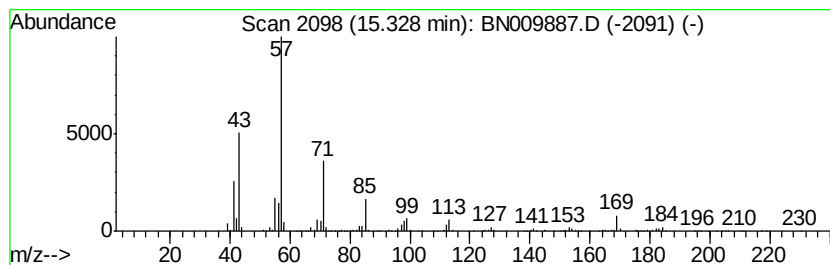
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	19.33 ng/ul	1234800	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethyldecane	170	C12H26	017302-36-2	83
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
4		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
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Misc :
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ClientSampleId :
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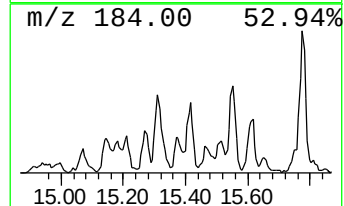
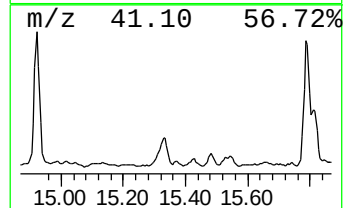
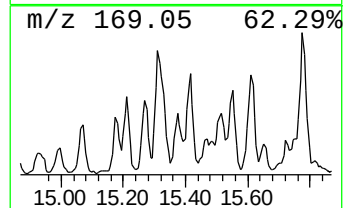
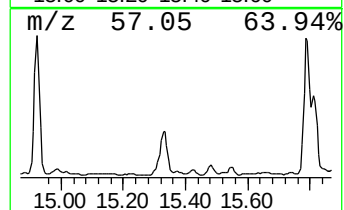
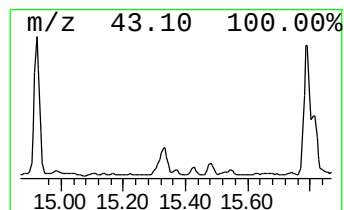
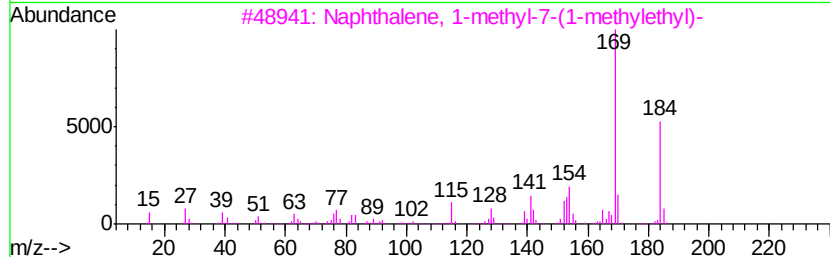
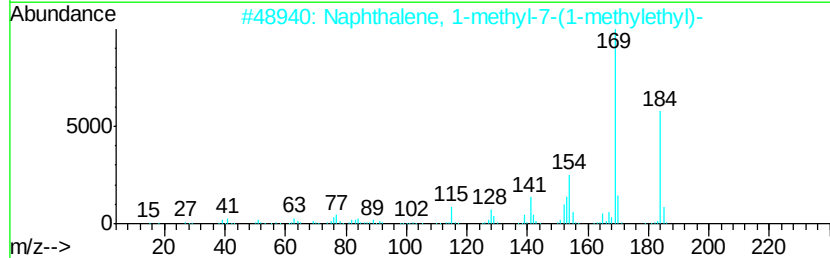
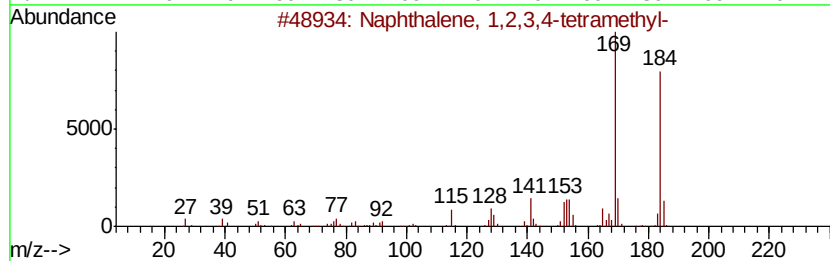
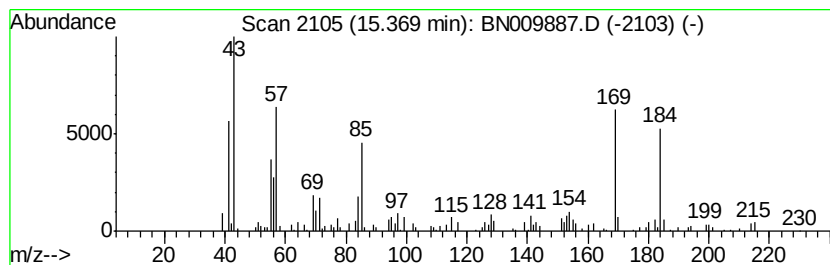
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Naphthalene, 1,2,3,4-tetram... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.70 ng/ul	172425	Acenaphthene-d10	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
3		Naphthalene, 1-methyl-7-(1-methv...	184	C14H16	000490-65-3	50
4		1,1'-Biphenyl, 4-methoxy-	184	C13H12O	000613-37-6	43
5		2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

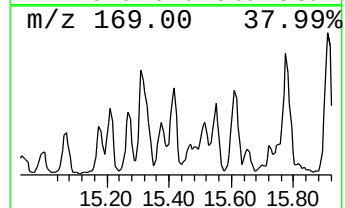
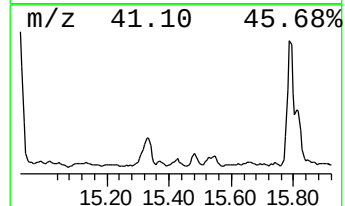
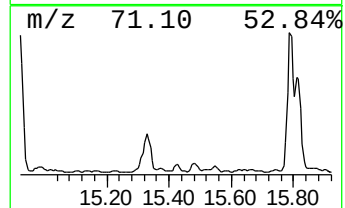
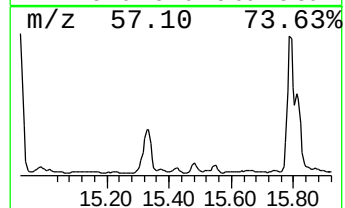
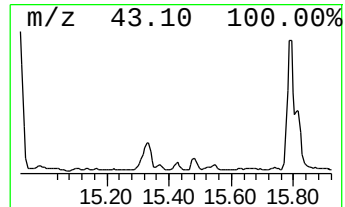
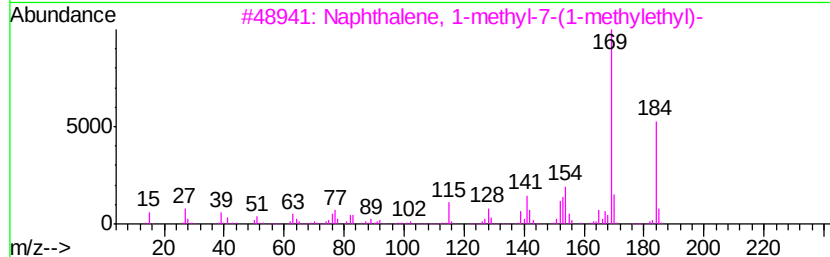
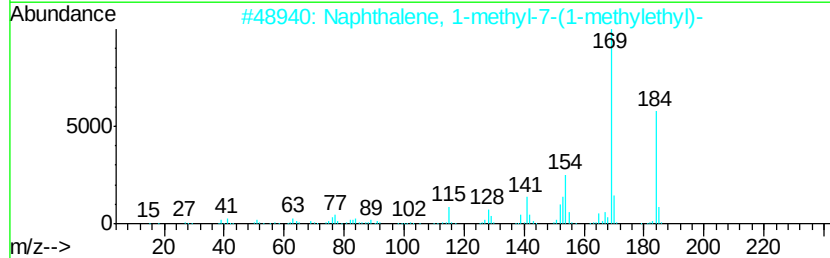
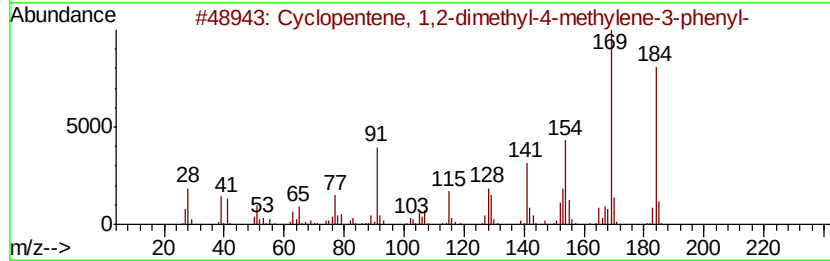
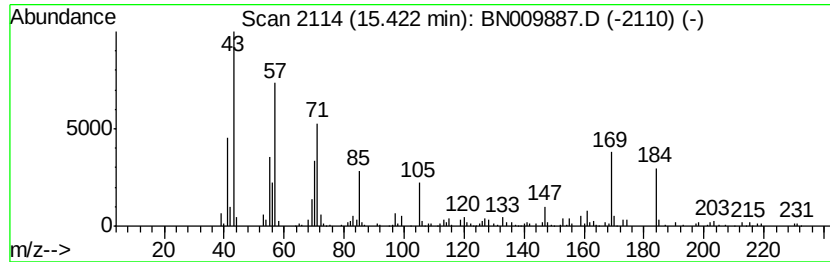
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.42	5.47 ng/ul	331351	Phenanthrene-d10		16.79	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	47
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	43
3		Naphthalene, 1-methyl-7-(1-methv...	184	C14H16	000490-65-3	43
4		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	43
5		Chamazulene	184	C14H16	000529-05-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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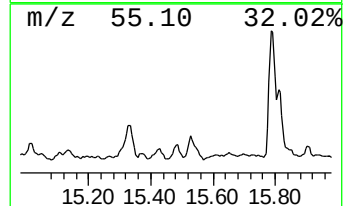
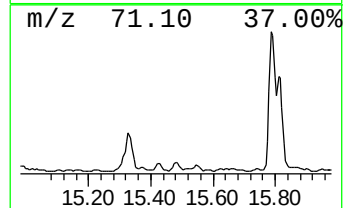
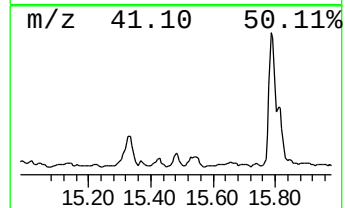
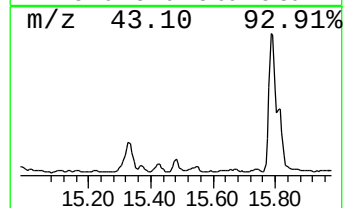
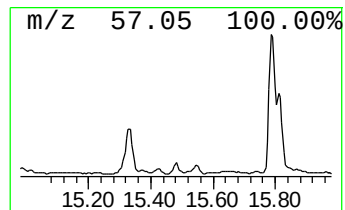
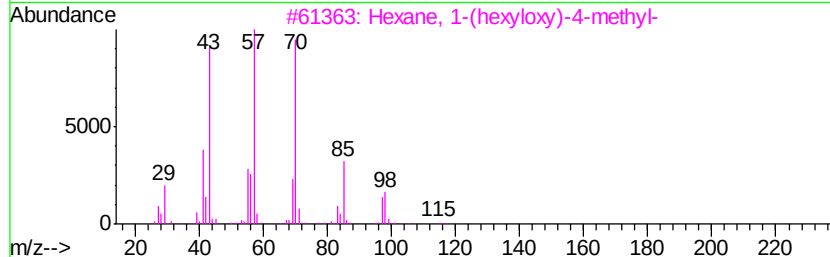
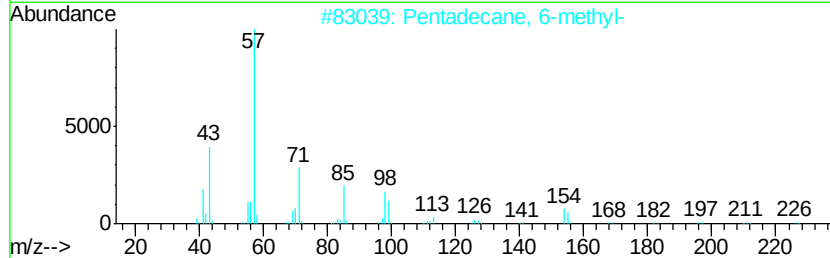
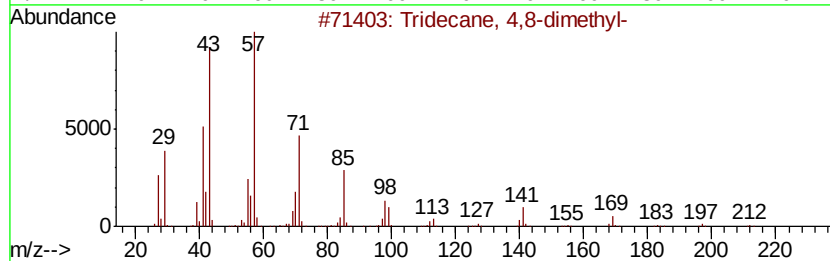
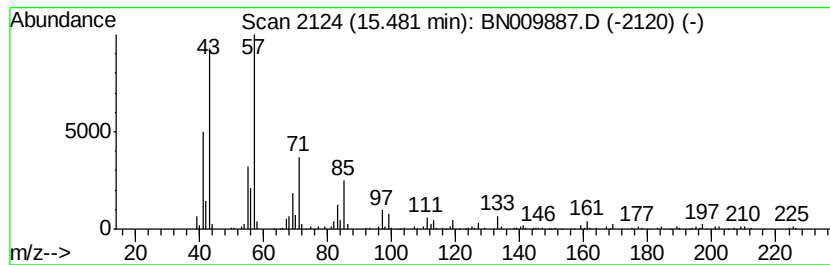
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	5.41 ng/ul	327848	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	52
2			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	52
3			Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	52
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
5			Hexacosane	366	C26H54	000630-01-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

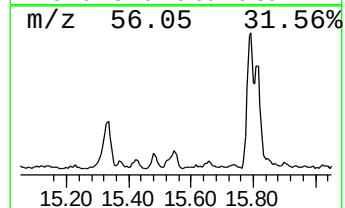
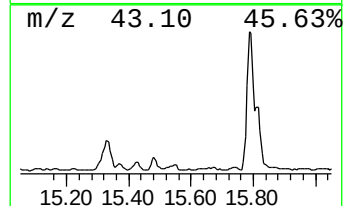
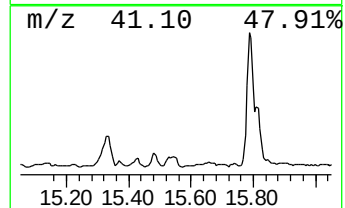
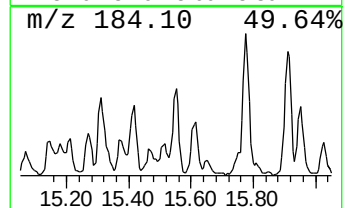
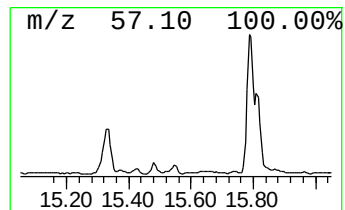
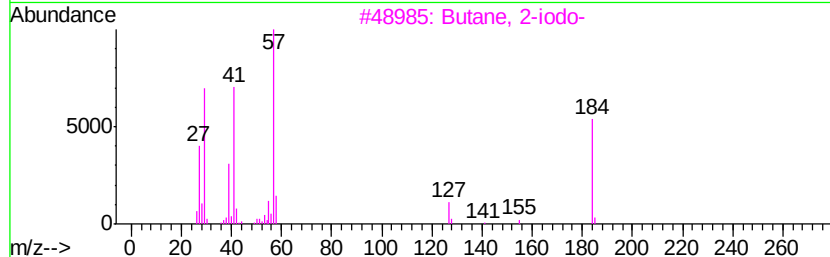
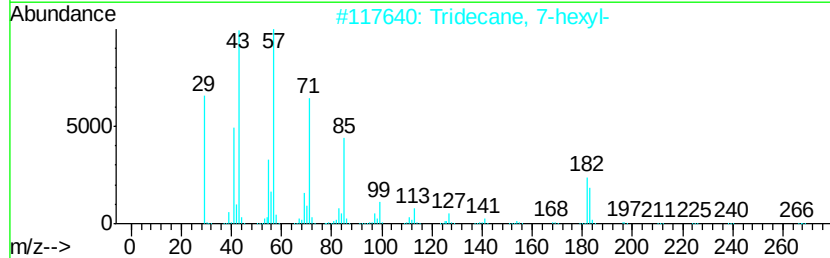
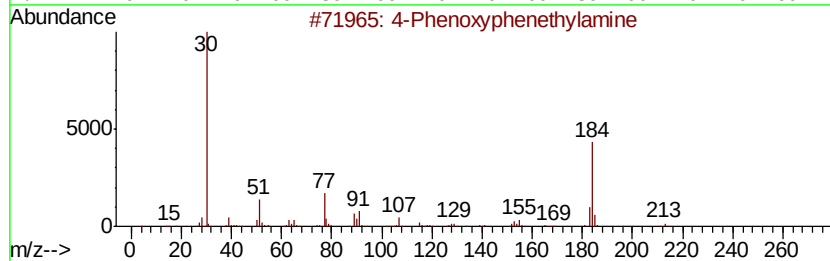
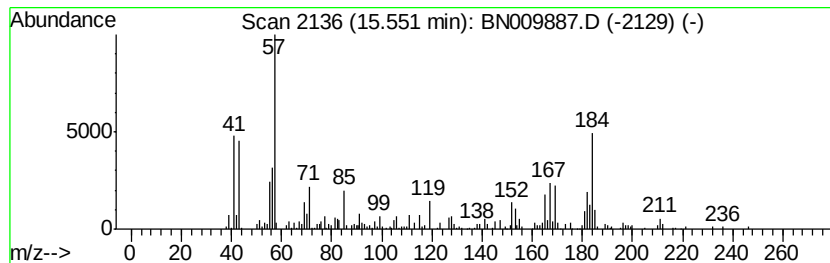
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 unknown-07 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.55	8.70 ng/ul	526599	Phenanthrene-d10	16.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenoxyphenethylamine	213	C14H15NO	118468-18-1	12
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	10
3	Butane, 2-iodo-	184	C4H9I	000513-48-4	9
4	Butane, 2-iodo-	184	C4H9I	000513-48-4	9
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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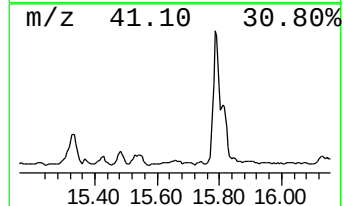
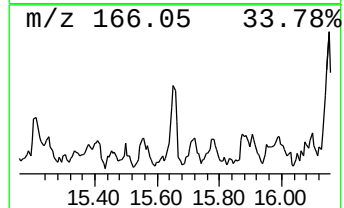
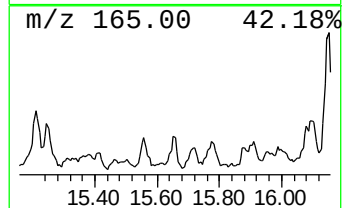
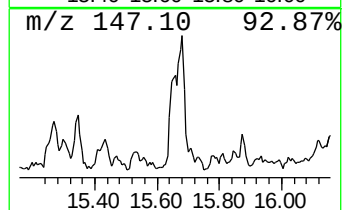
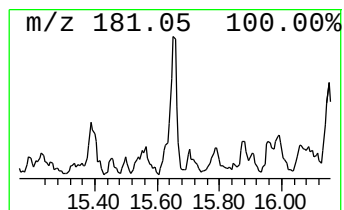
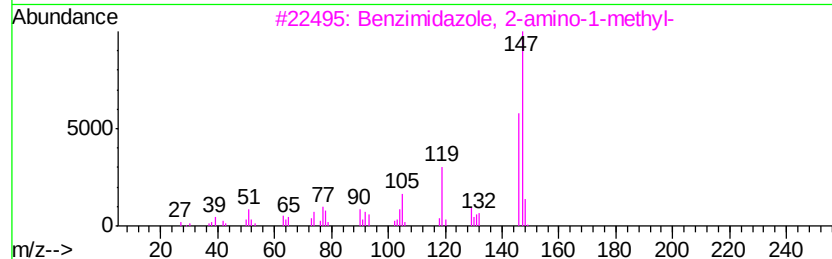
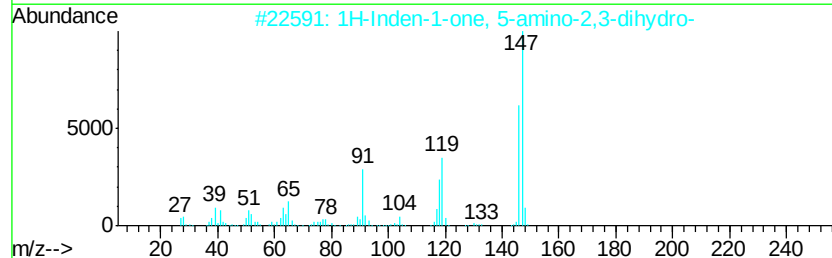
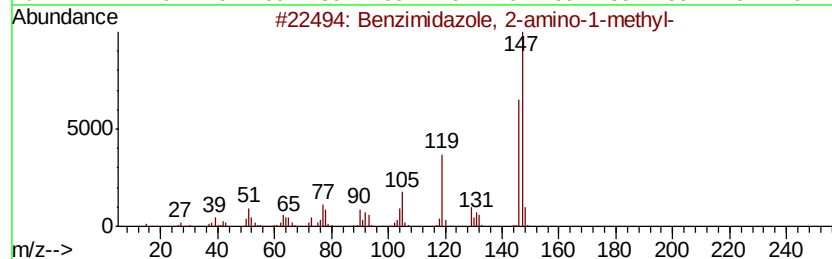
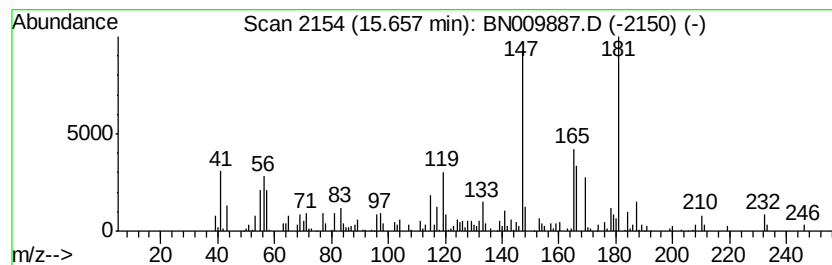
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 unknown-08 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.34 ng/ul	141629	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	25
2			1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	25
3			Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	25
4			8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	25
5			1,3,5-Cycloheptatriene, 2,4-diet...	176	C13H20	1000156-99-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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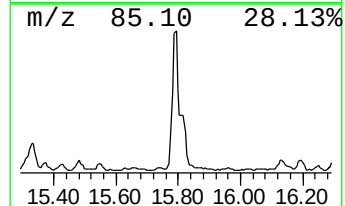
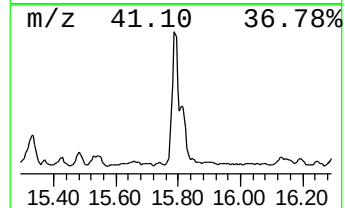
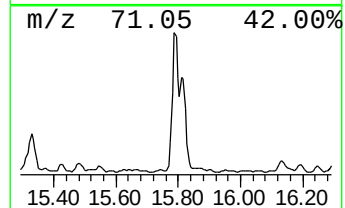
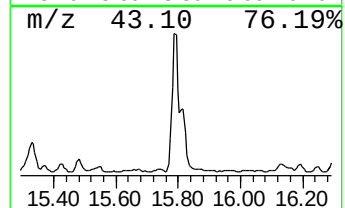
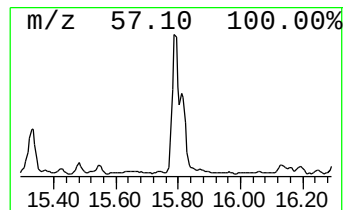
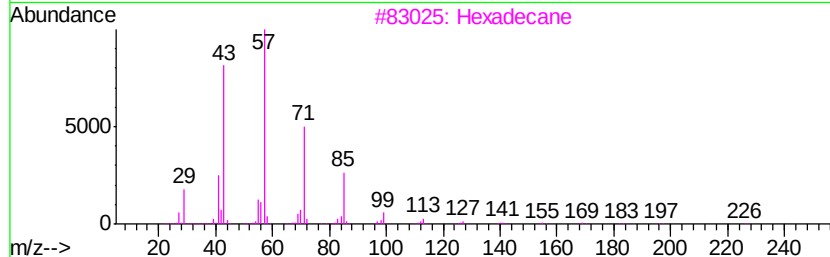
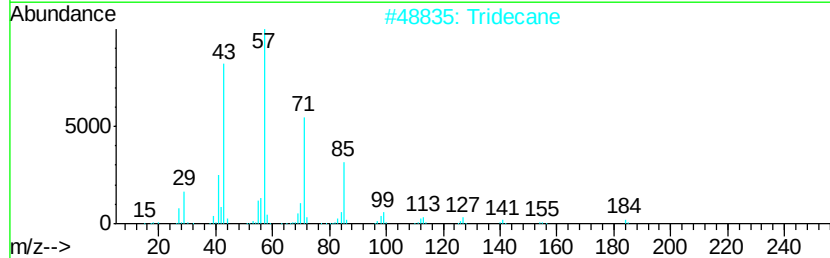
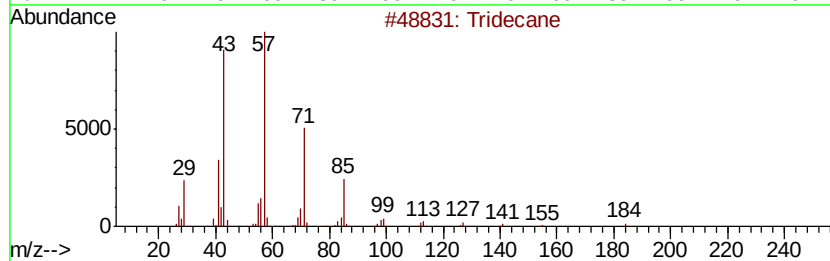
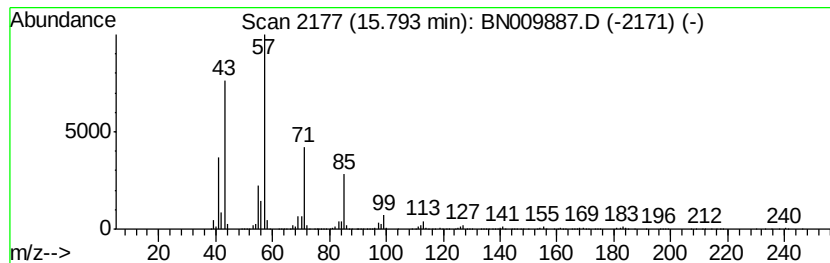
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	54.86 ng/ul	3321830	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tridecane	184	C13H28	000629-50-5	94
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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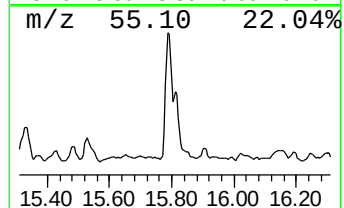
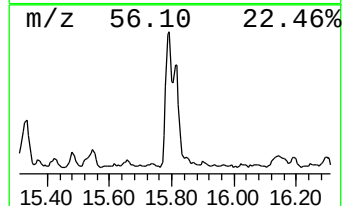
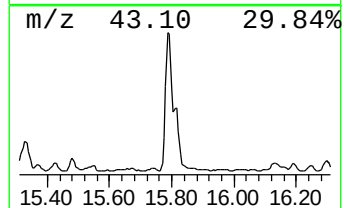
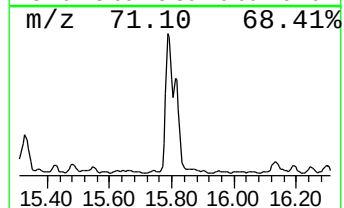
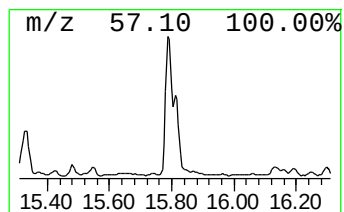
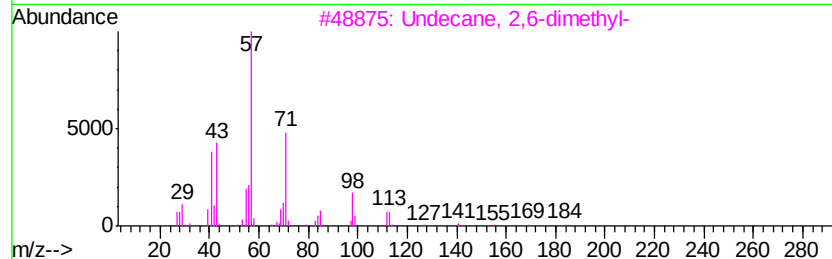
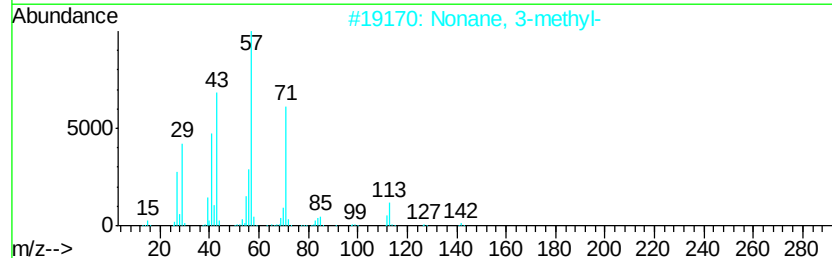
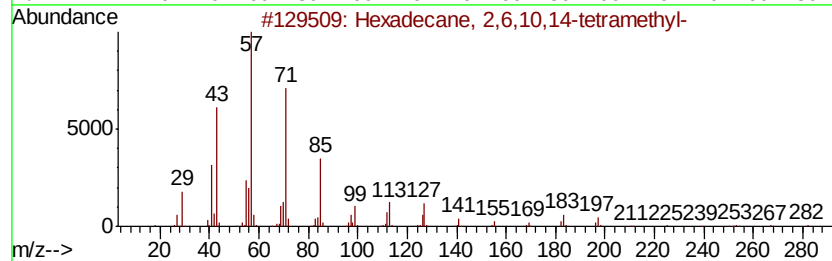
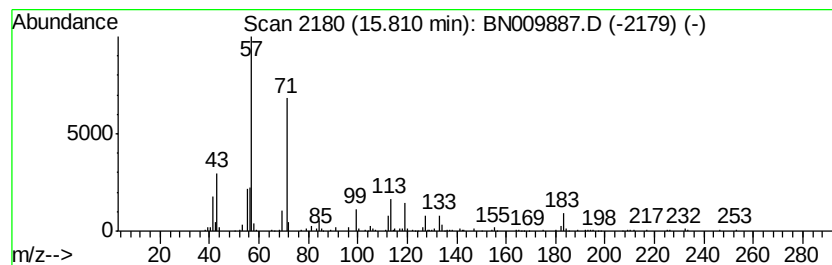
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	22.60 ng/ul	1368500	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	70
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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Sample : L1418-16DL 30X
Misc :
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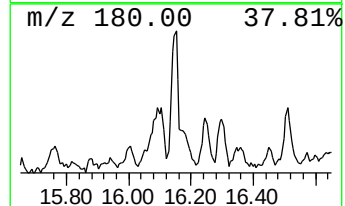
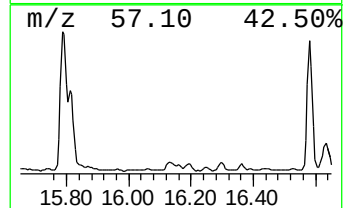
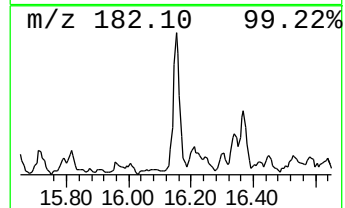
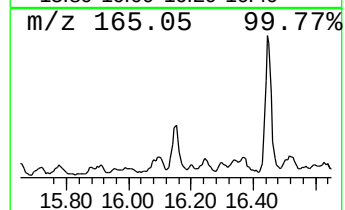
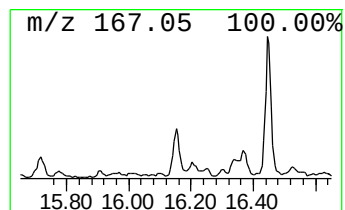
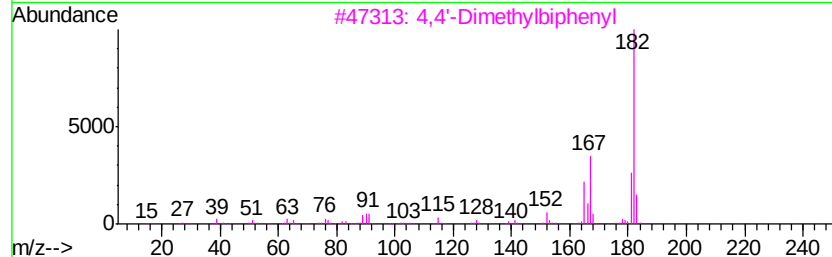
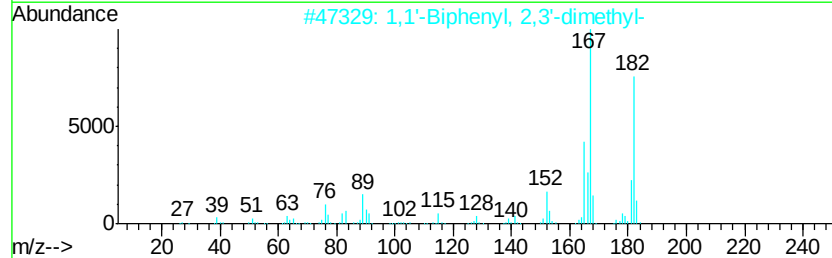
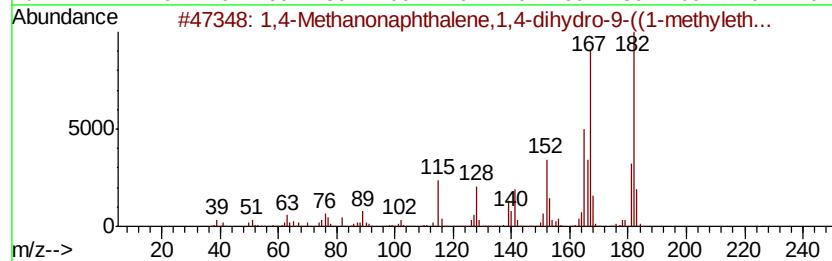
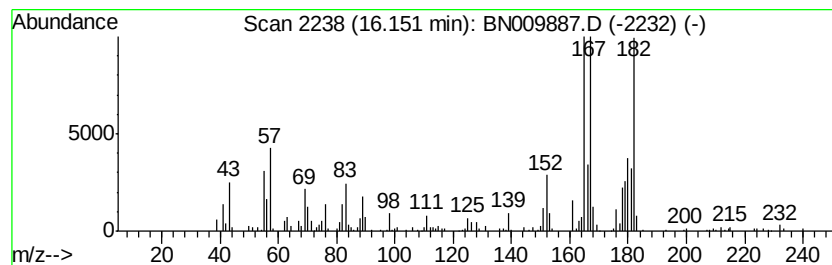
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 1,4-Methanonaphthalene,1,4-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.15	7.17 ng/ul	434112	Phenanthrene-d10	16.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70	
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	70	
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70	
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62	
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	60	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C5B16DL

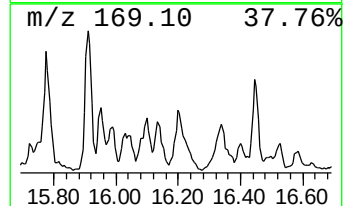
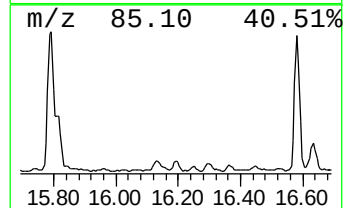
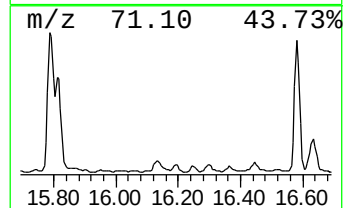
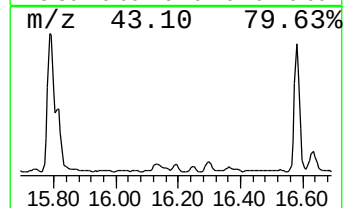
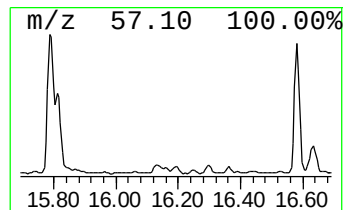
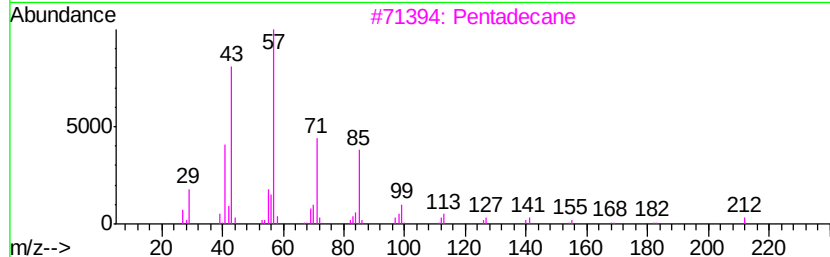
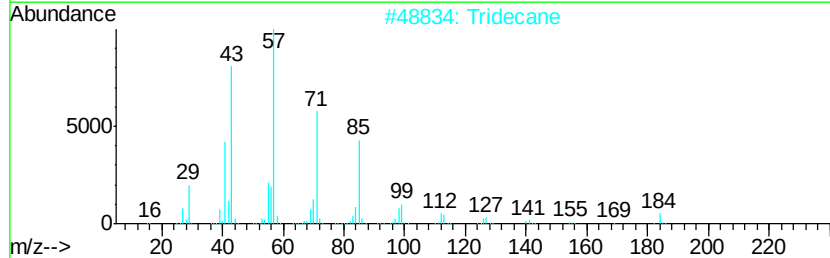
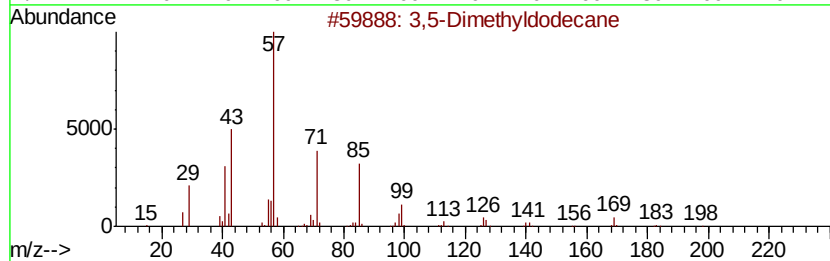
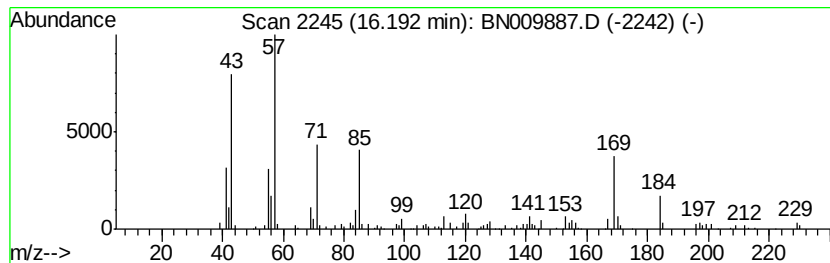
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.17 ng/ul	252639	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
2			Tridecane	184	C13H28	000629-50-5	59
3			Pentadecane	212	C15H32	000629-62-9	58
4			Dodecane	170	C12H26	000112-40-3	53
5			Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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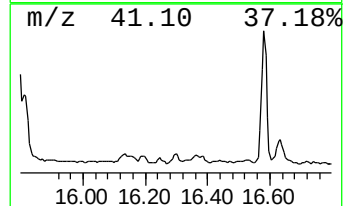
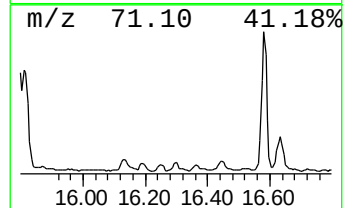
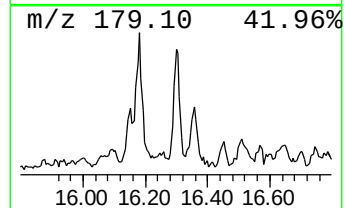
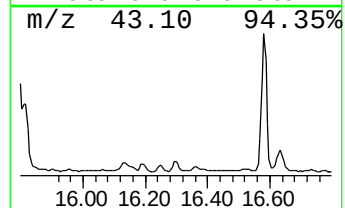
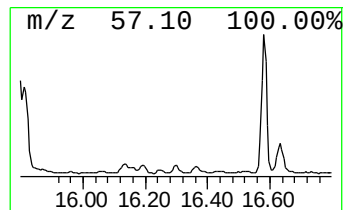
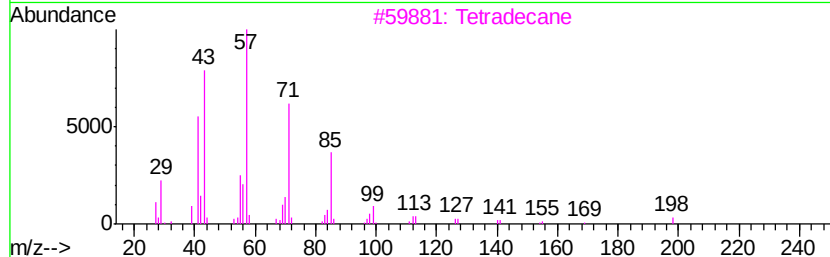
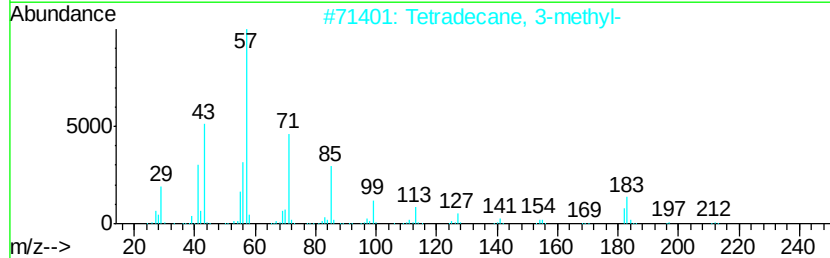
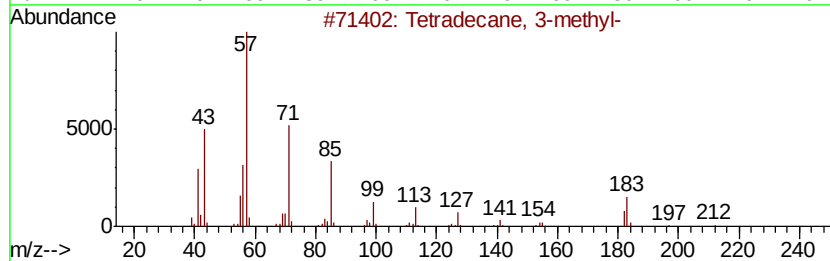
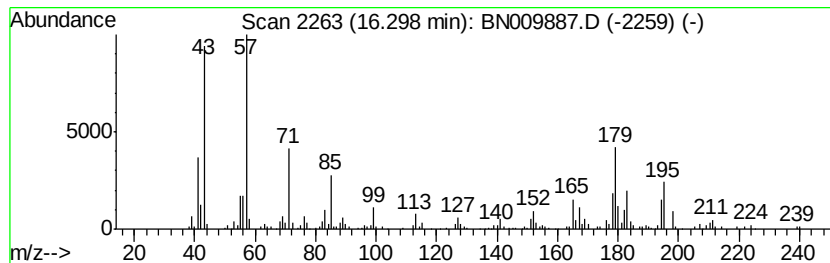
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	5.21 ng/ul	315686	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	50
2			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	46
3			Tetradecane	198	C14H30	000629-59-4	30
4			Tridecane	184	C13H28	000629-50-5	30
5			Tridecane	184	C13H28	000629-50-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

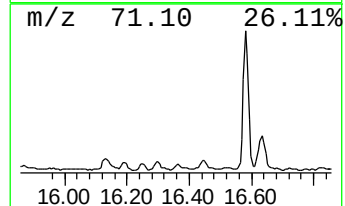
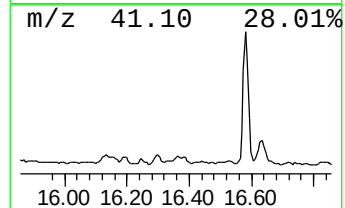
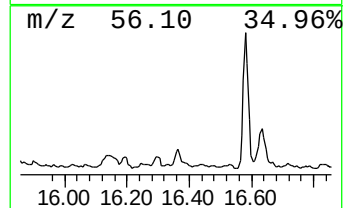
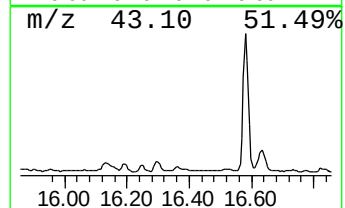
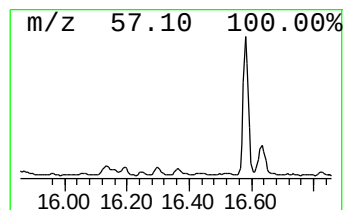
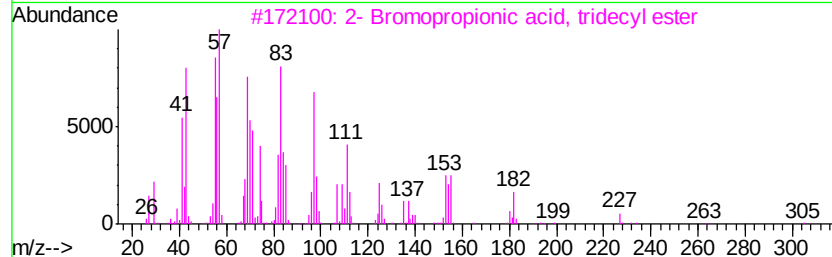
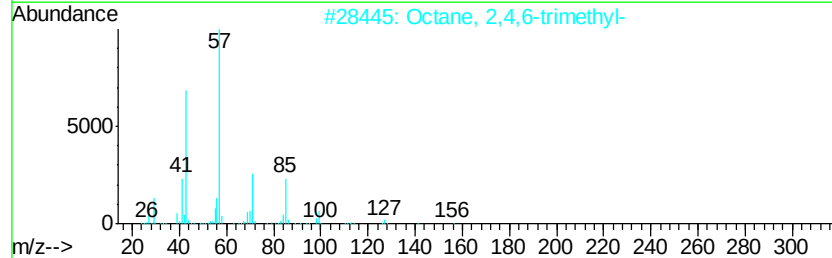
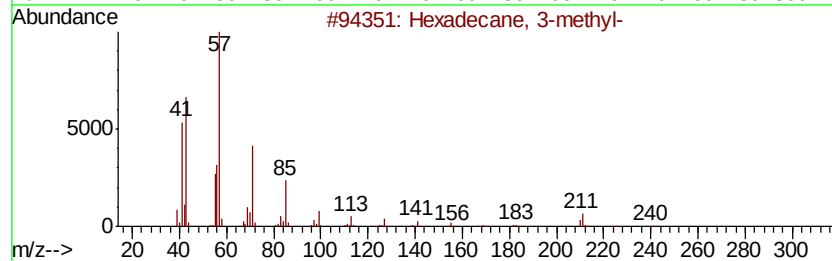
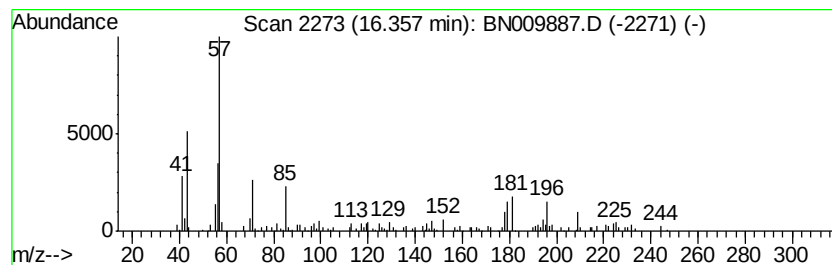
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	6.49 ng/ul	392779	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	50
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3			2- Bromopropionic acid, tridecyl...	334	C16H31BrO2	1000292-43-9	45
4			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	38
5			Docosane	310	C22H46	000629-97-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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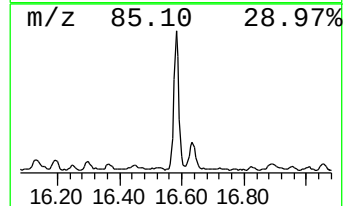
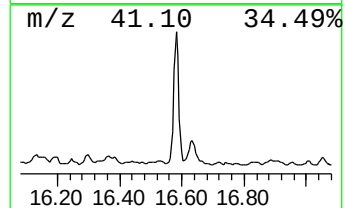
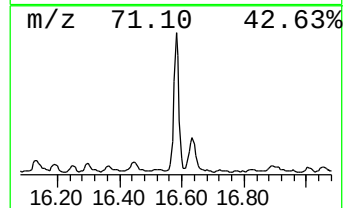
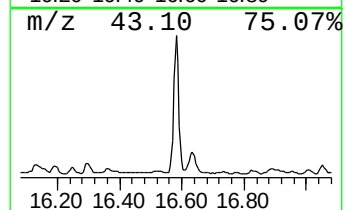
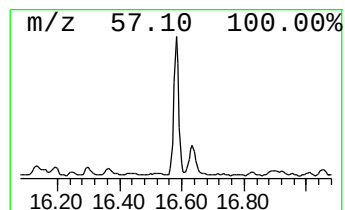
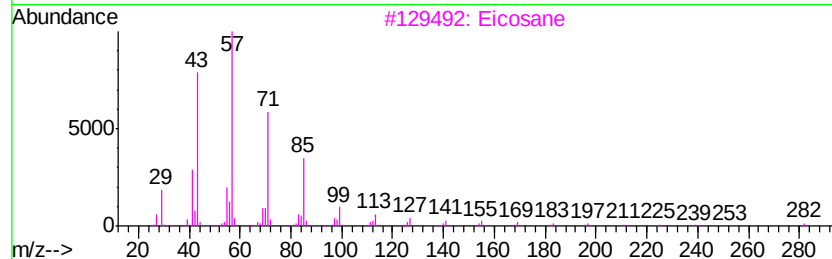
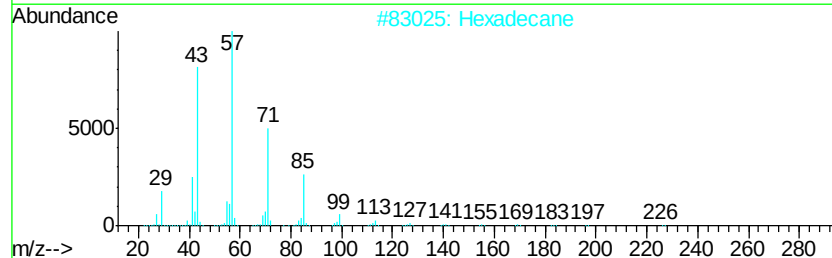
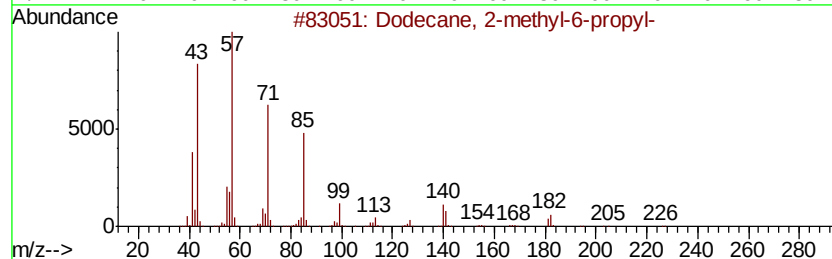
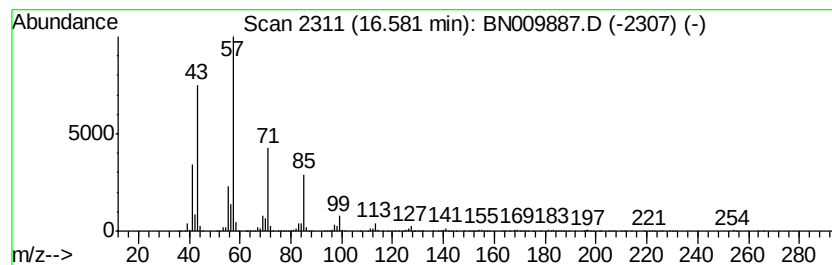
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	40.44 ng/ul	2448860	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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Acq On : 25 Feb 2020 06:41
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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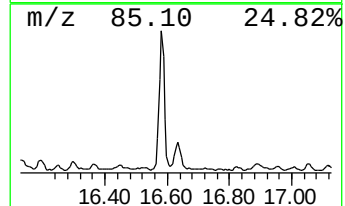
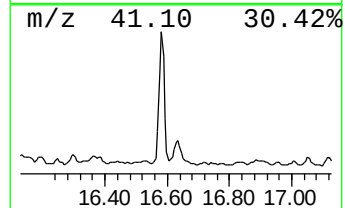
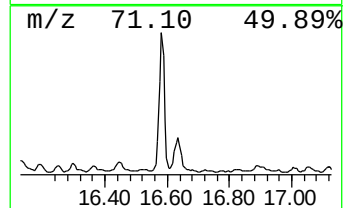
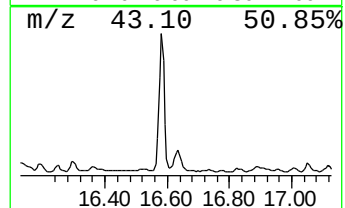
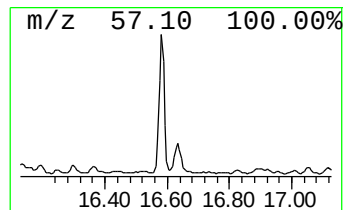
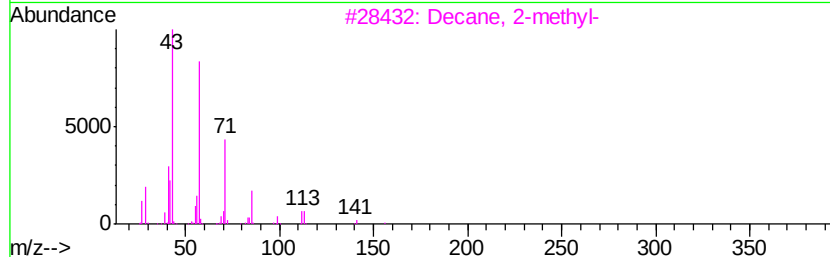
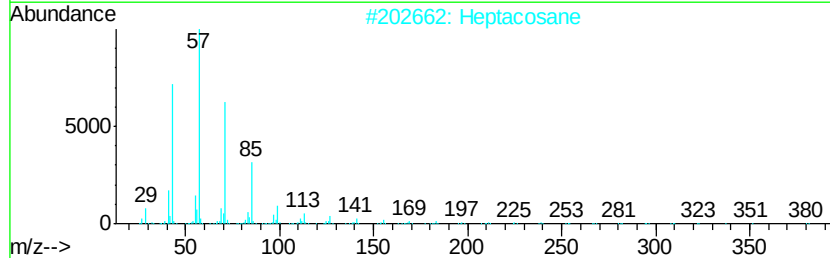
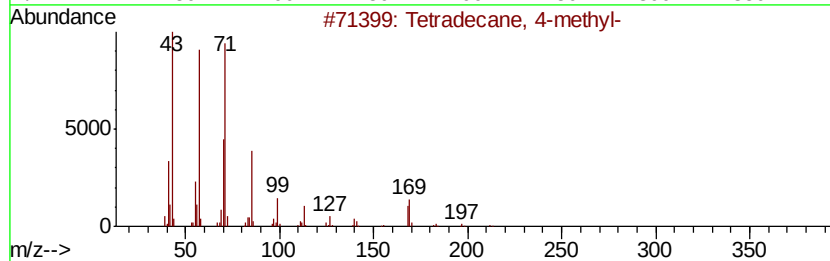
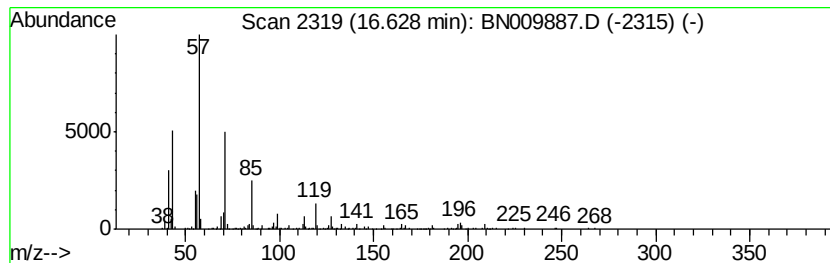
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	15.78 ng/ul	955679	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	74
2		Heptacosane	380	C27H56	000593-49-7	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	68
4		Tetradecane	198	C14H30	000629-59-4	64
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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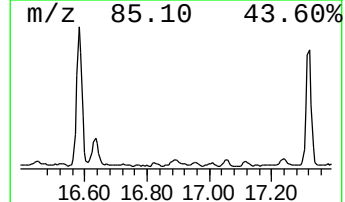
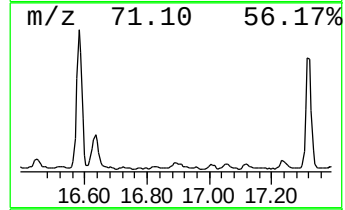
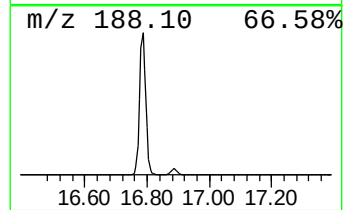
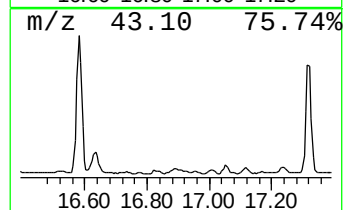
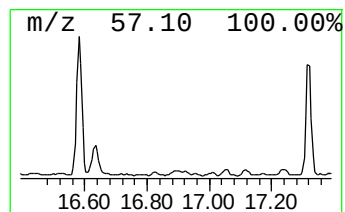
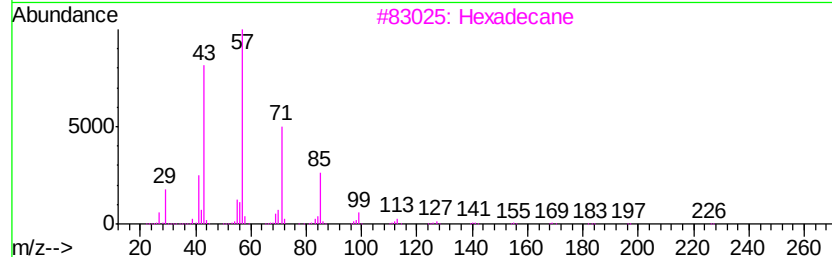
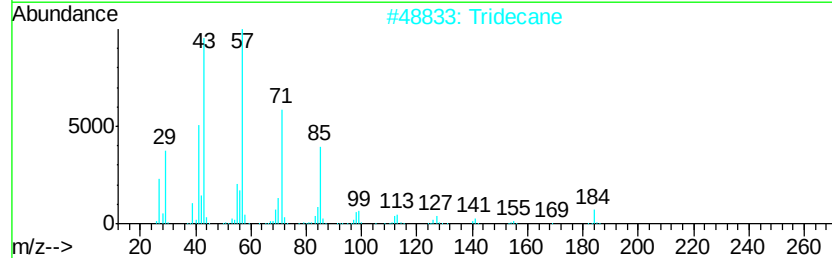
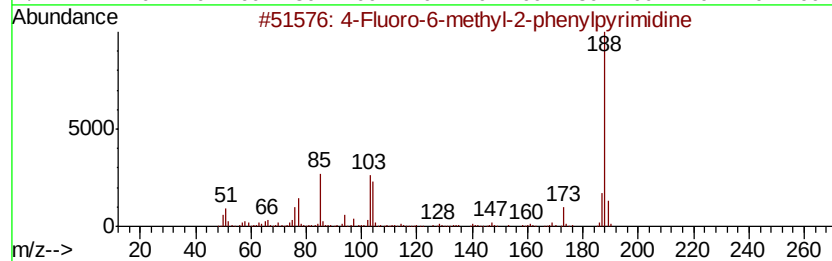
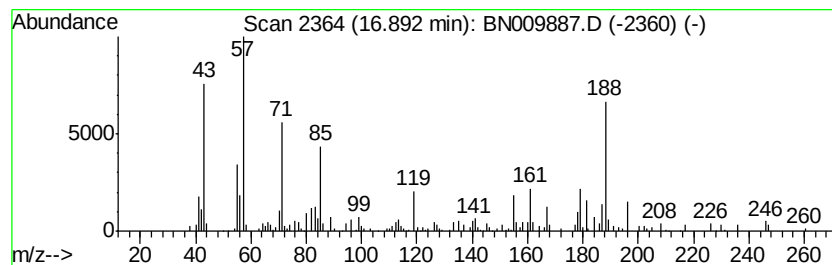
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 unknown-09 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.67 ng/ul	343275	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Fluoro-6-methyl-2-phenylpyrimi...	188	C11H9FN2	051421-92-2	46
2			Tridecane	184	C13H28	000629-50-5	38
3			Hexadecane	226	C16H34	000544-76-3	35
4			Tridecane	184	C13H28	000629-50-5	30
5			Phenanthrene-D10	188	C14D10	001517-22-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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Acq On : 25 Feb 2020 06:41
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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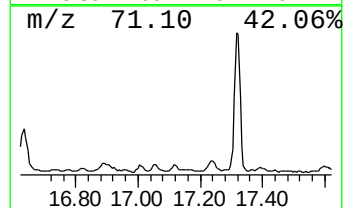
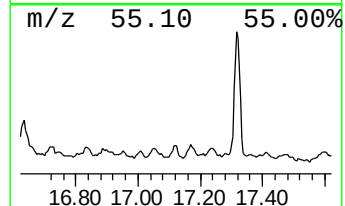
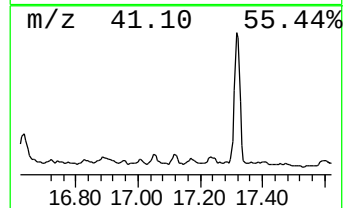
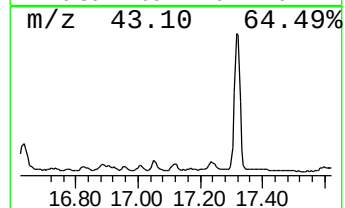
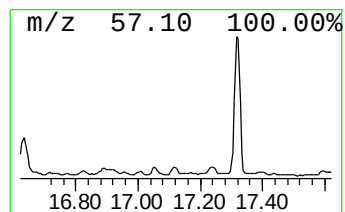
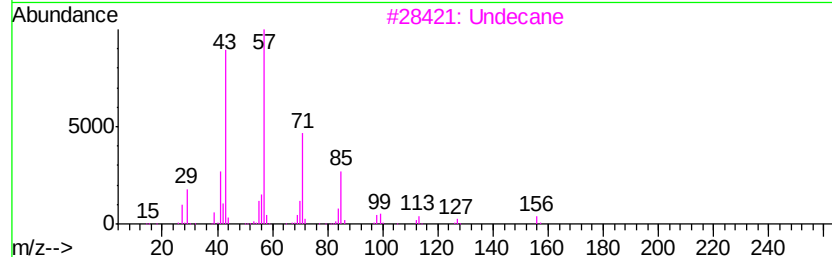
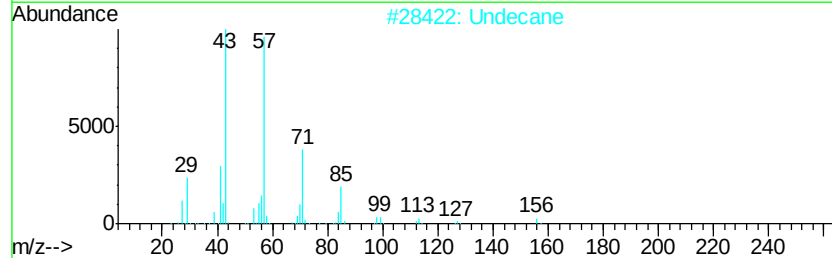
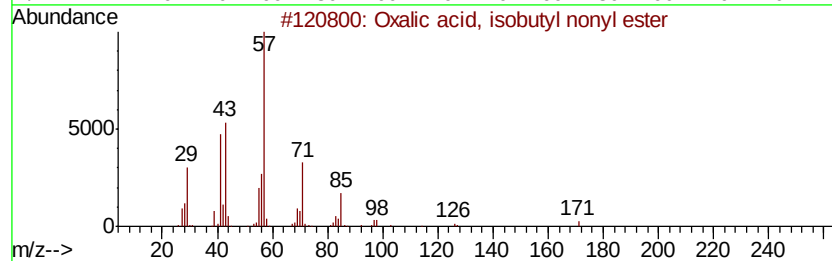
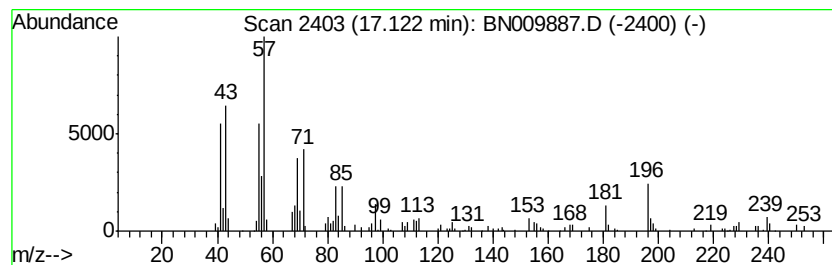
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Oxalic acid, isobutyl nonyl... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	2.70 ng/ul	163221	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	72
2		Undecane	156	C11H24	001120-21-4	64
3		Undecane	156	C11H24	001120-21-4	64
4		Undecane	156	C11H24	001120-21-4	60
5		Hexatriacontane	507	C36H74	000630-06-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

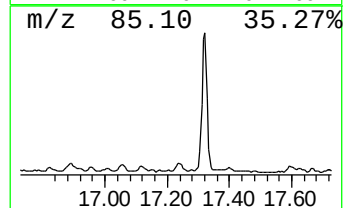
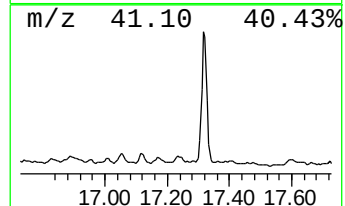
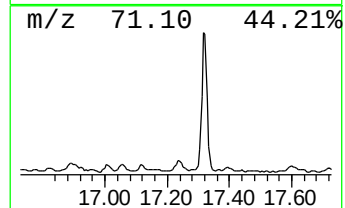
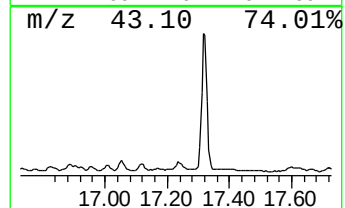
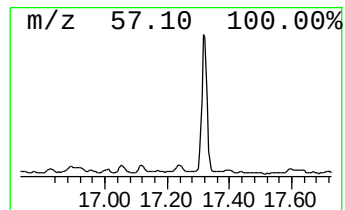
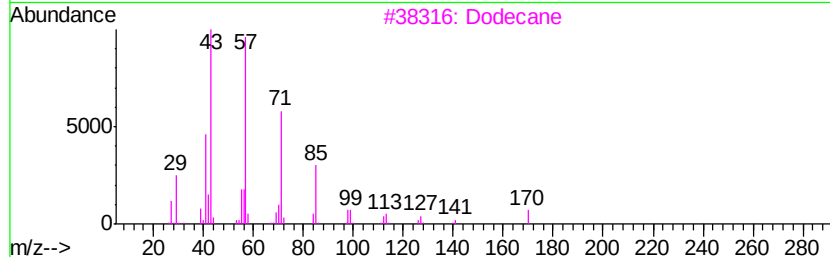
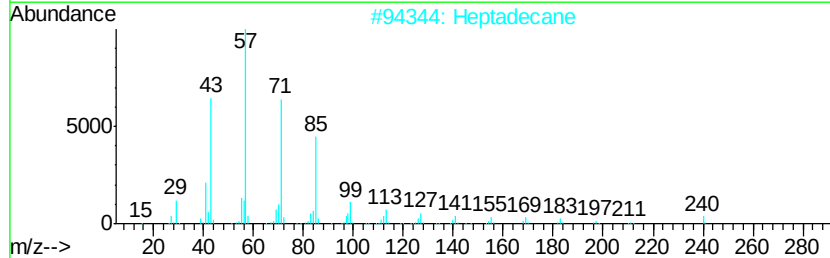
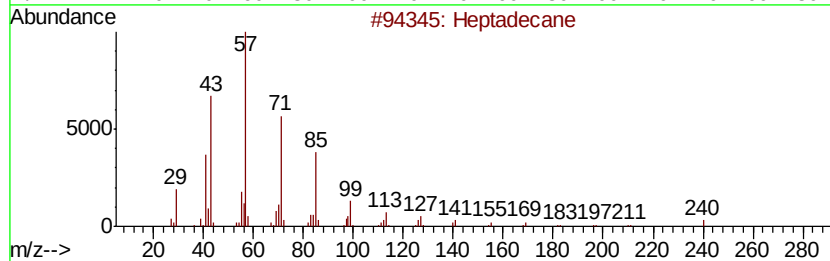
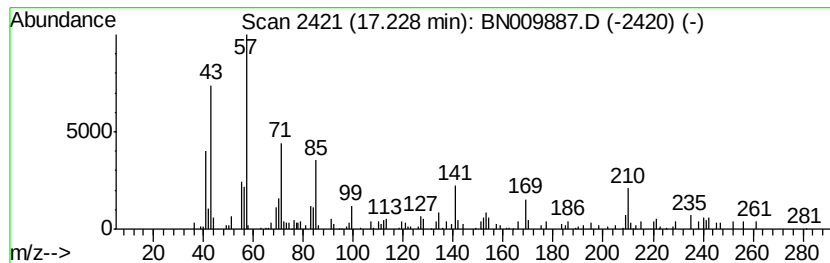
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.87 ng/ul	173999	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	92
2			Heptadecane	240	C17H36	000629-78-7	86
3			Dodecane	170	C12H26	000112-40-3	70
4			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	68
5			Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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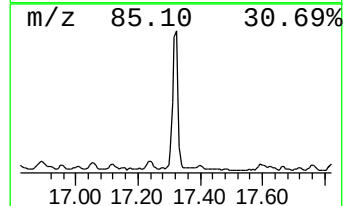
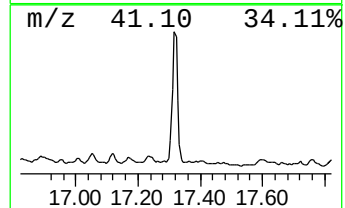
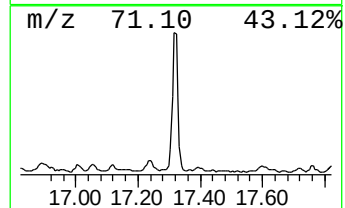
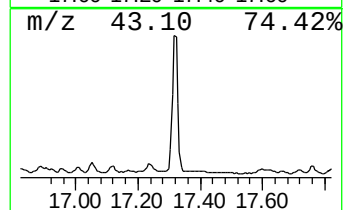
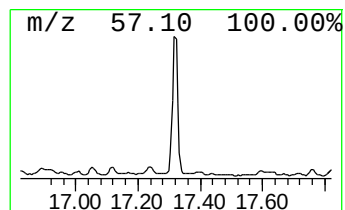
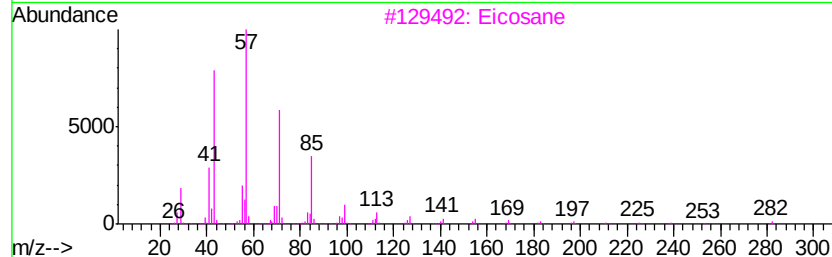
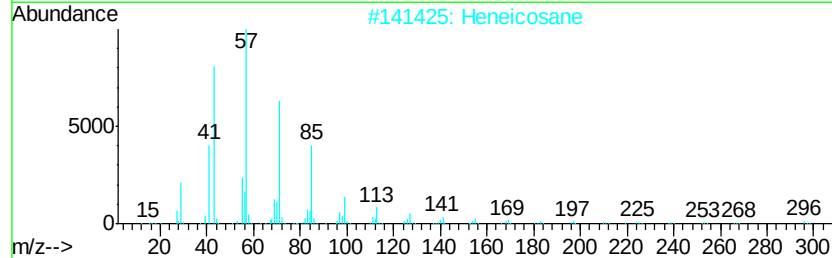
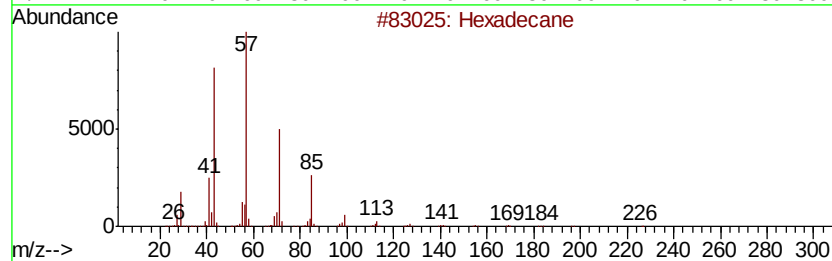
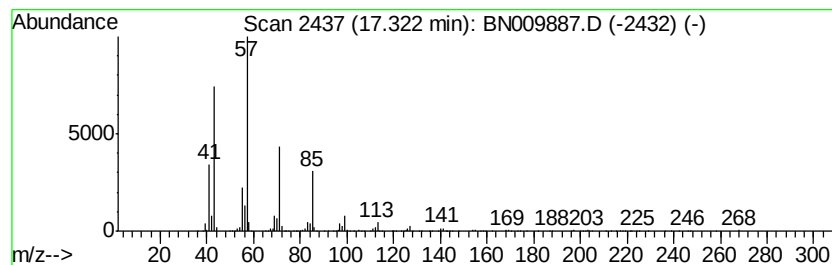
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	32.87 ng/ul	1990330	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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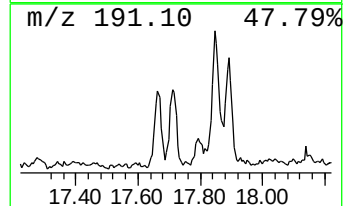
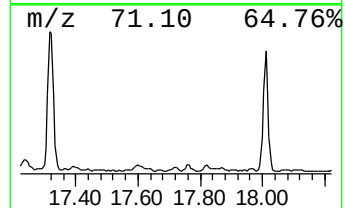
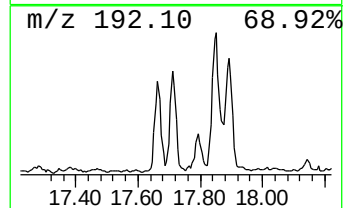
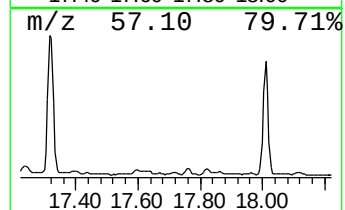
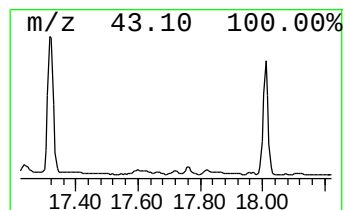
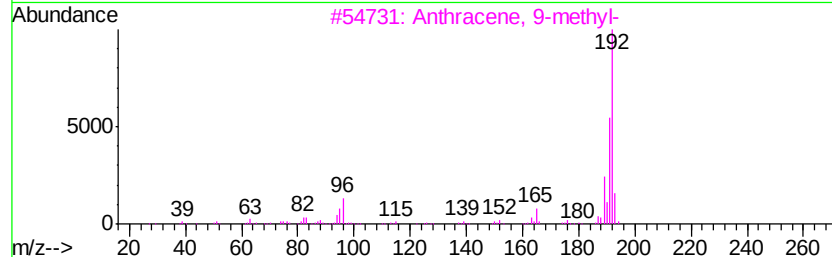
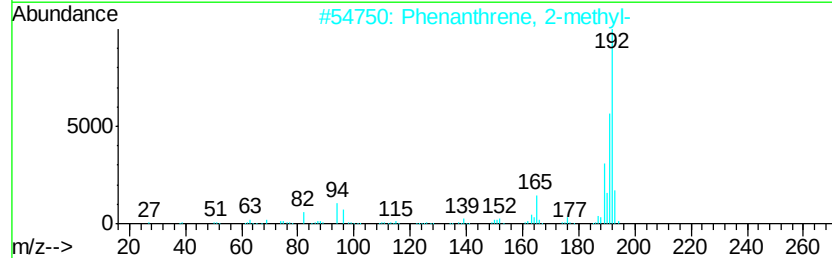
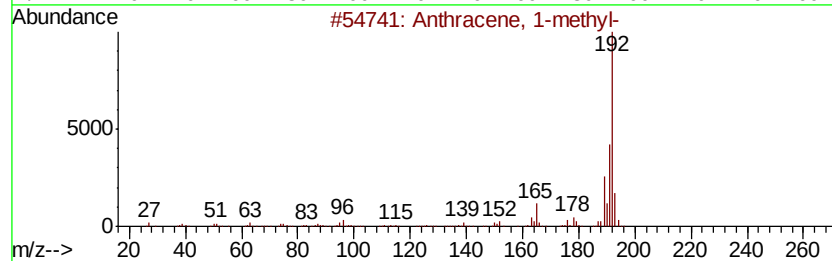
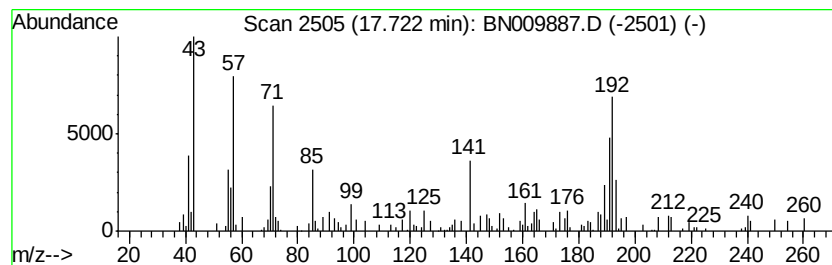
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Anthracene, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.96 ng/ul	179488	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

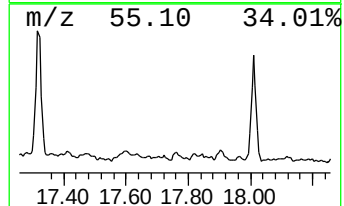
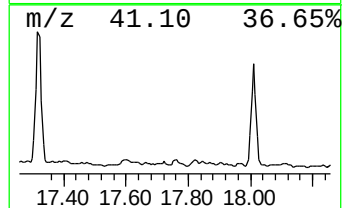
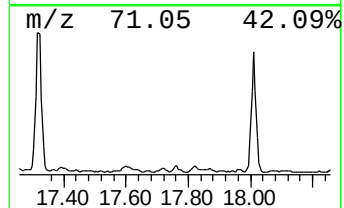
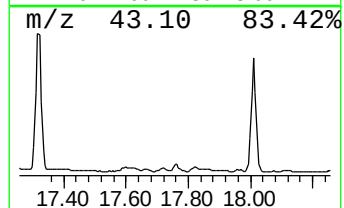
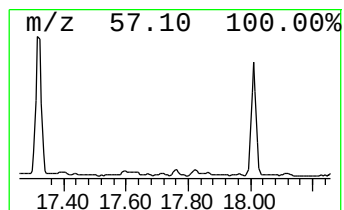
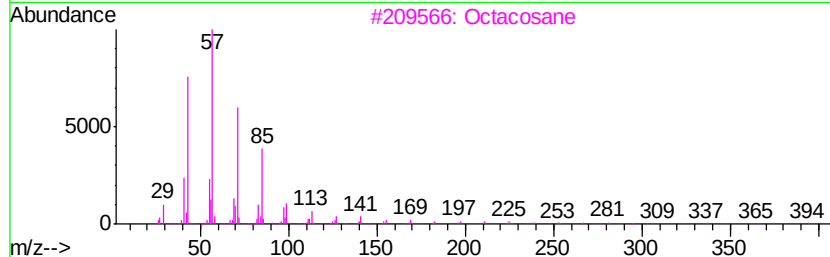
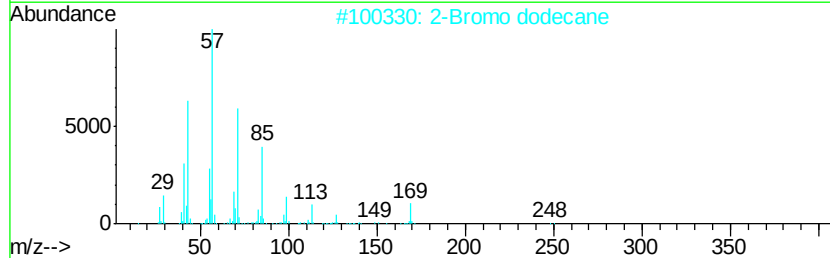
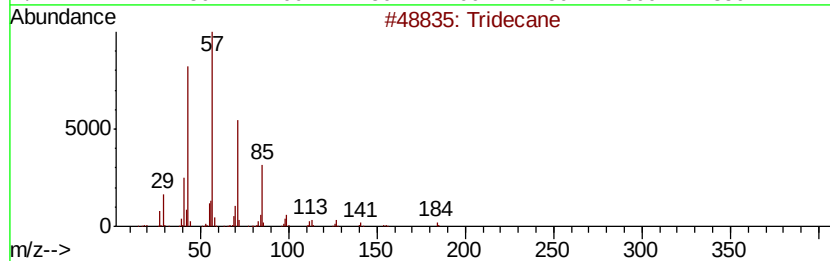
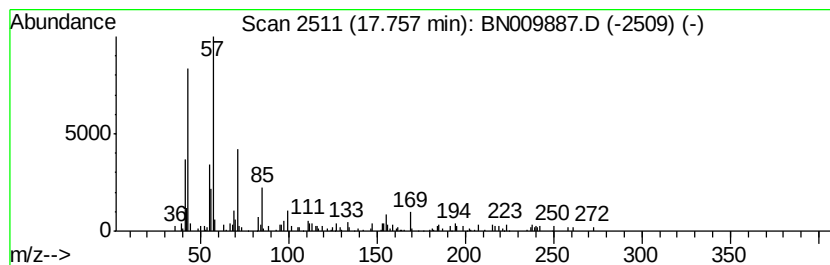
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.04 ng/ul	123307	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	52
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	50
3		Octacosane	394	C28H58	000630-02-4	50
4		Heptacosane	380	C27H56	000593-49-7	47
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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Acq On : 25 Feb 2020 06:41
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Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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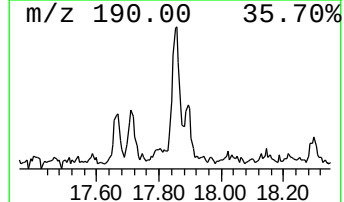
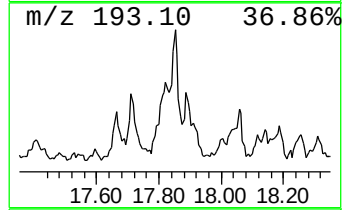
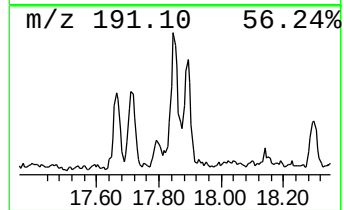
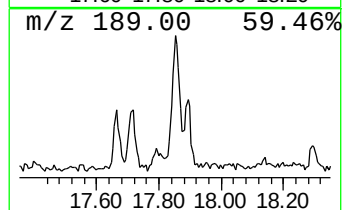
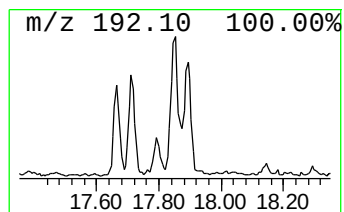
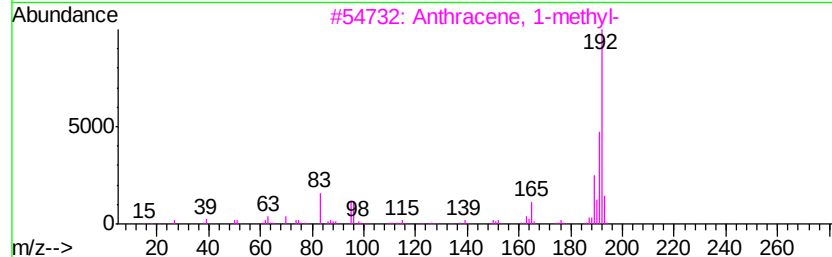
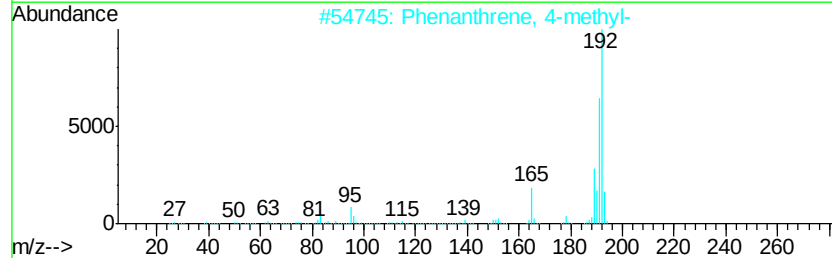
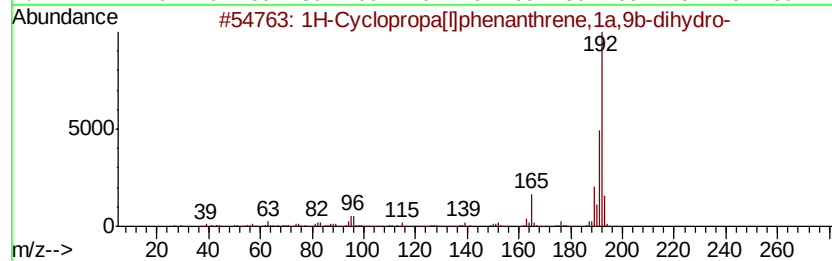
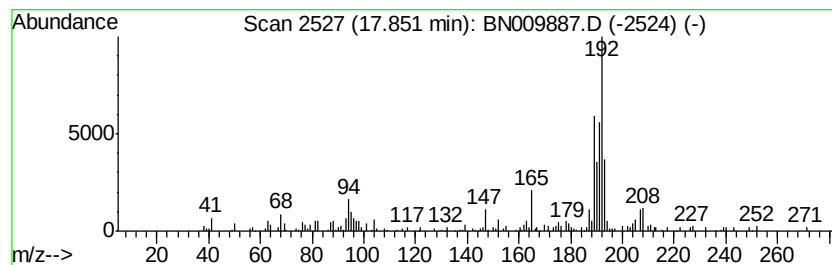
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 1H-Cyclopropa[l]phenanthren... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.73 ng/ul	165509	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	64
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	52
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
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Sample : L1418-16DL 30X
Misc :
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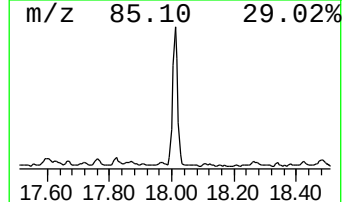
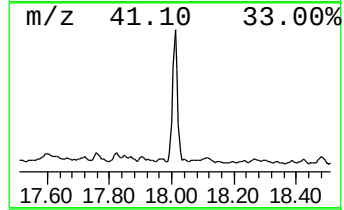
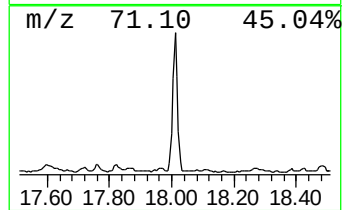
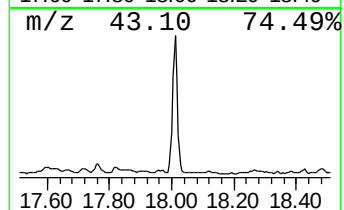
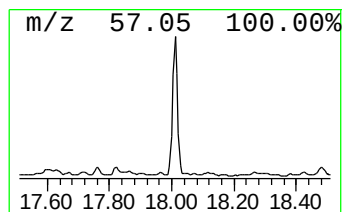
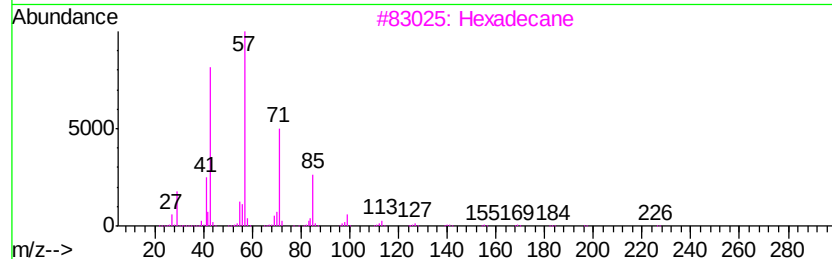
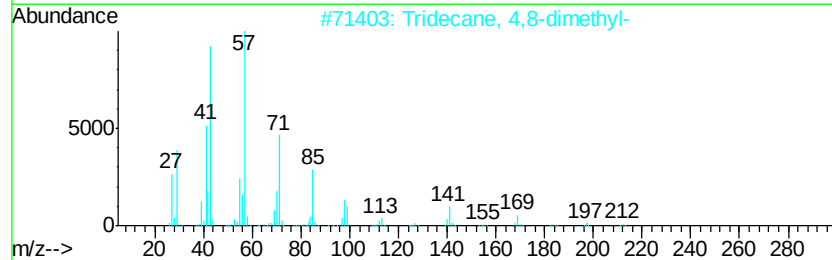
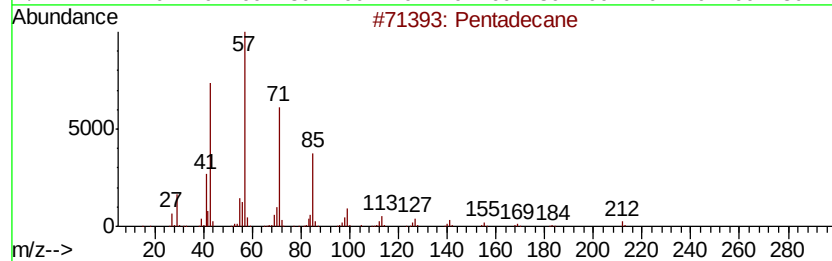
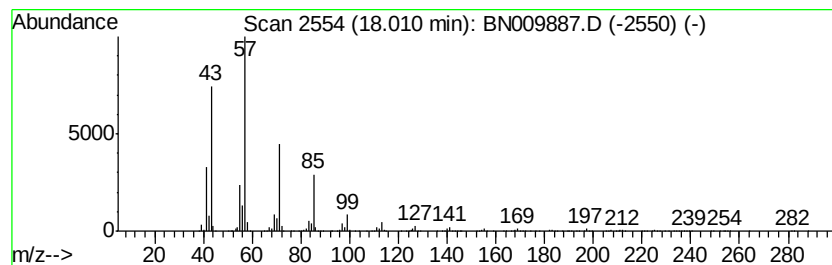
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	26.29 ng/ul	1592260	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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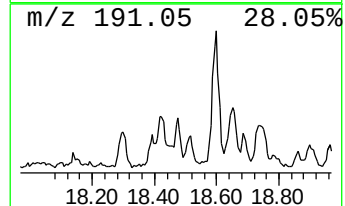
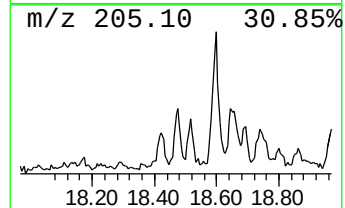
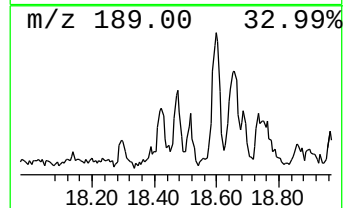
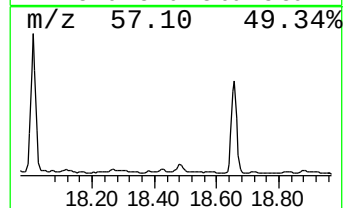
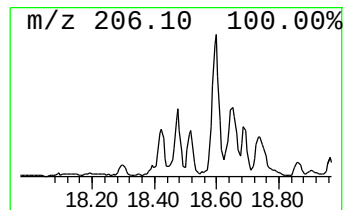
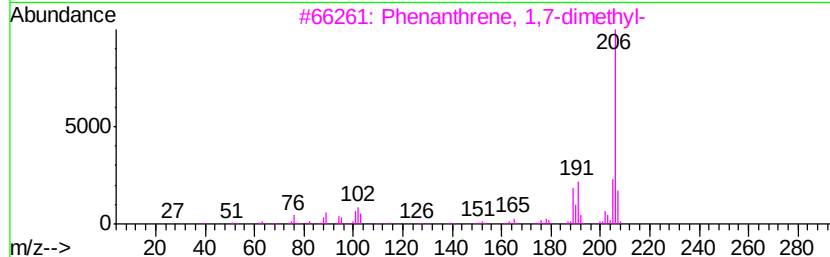
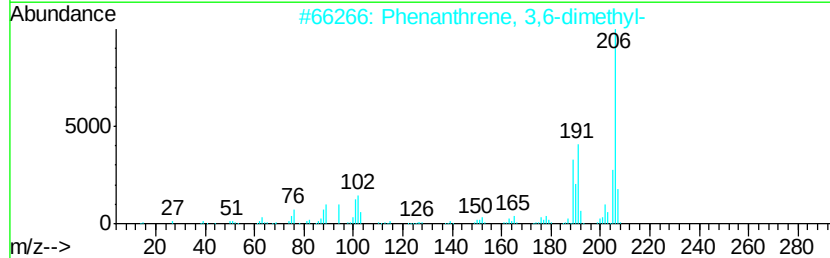
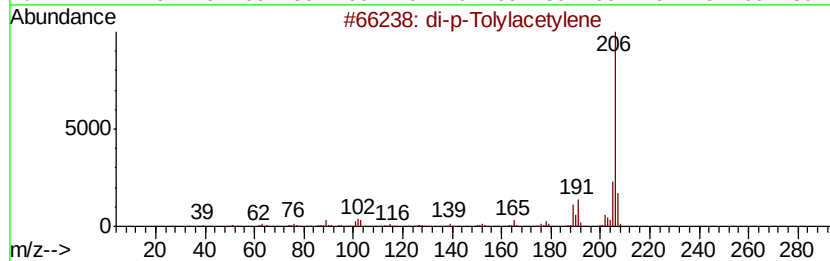
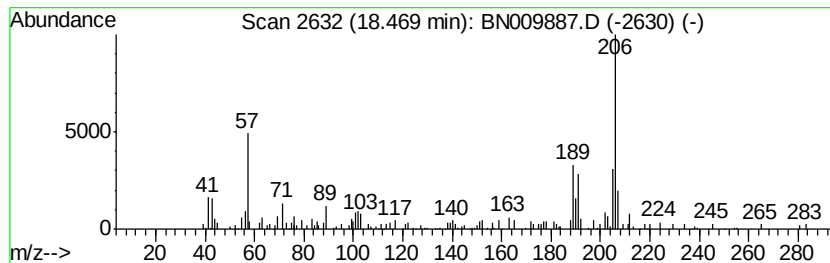
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 di-p-Tolylacetylene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.65 ng/ul	160421	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

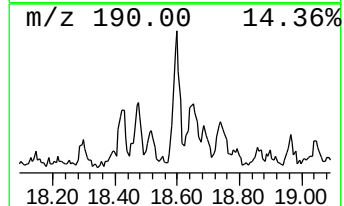
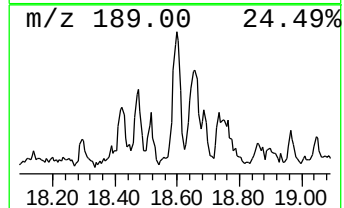
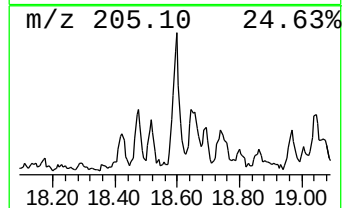
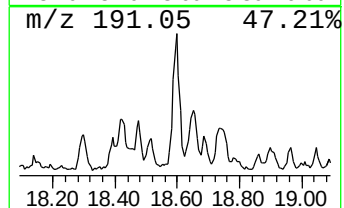
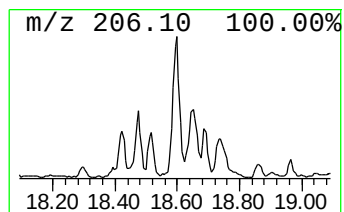
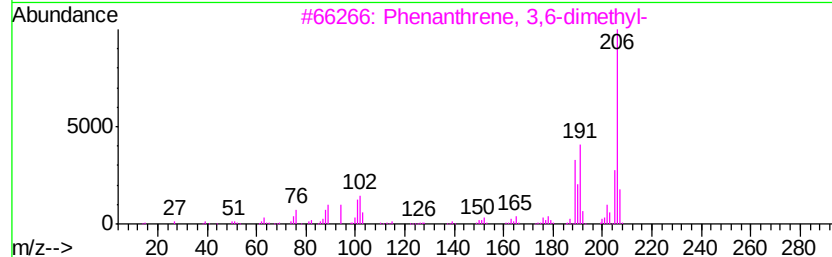
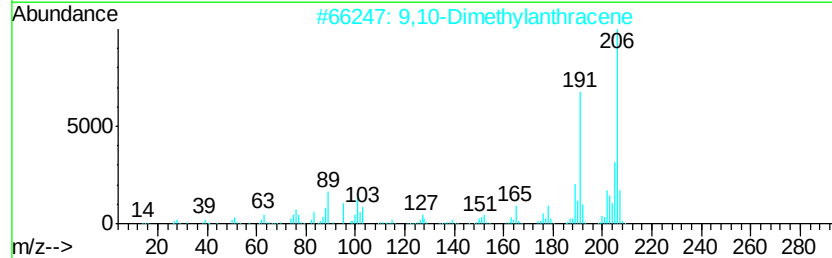
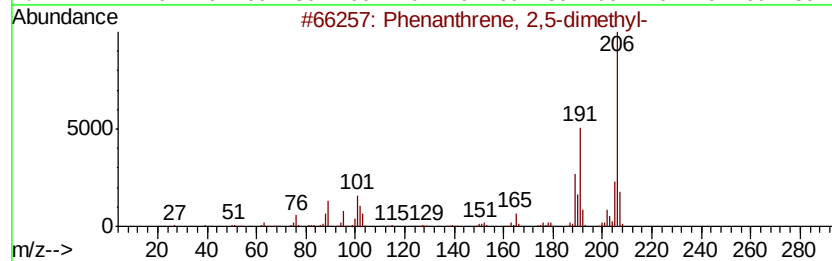
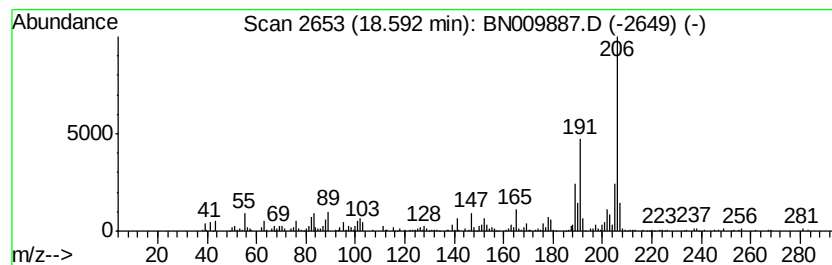
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 Phenanthrene, 2,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	6.09 ng/ul	368633	Phenanthrene-d10	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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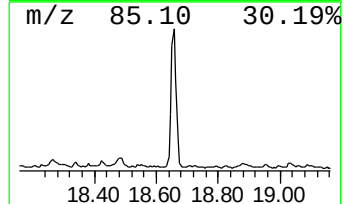
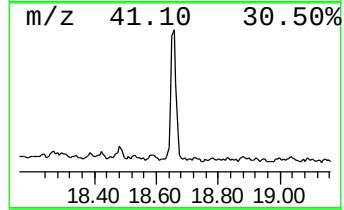
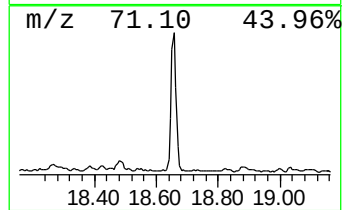
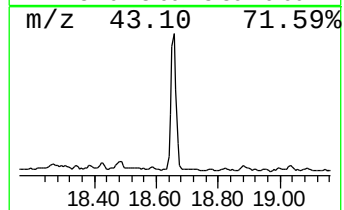
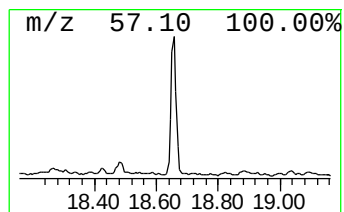
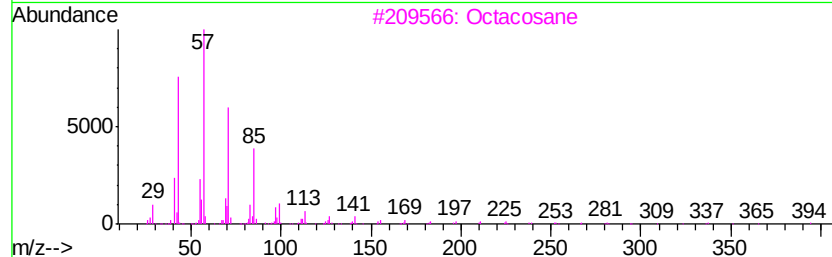
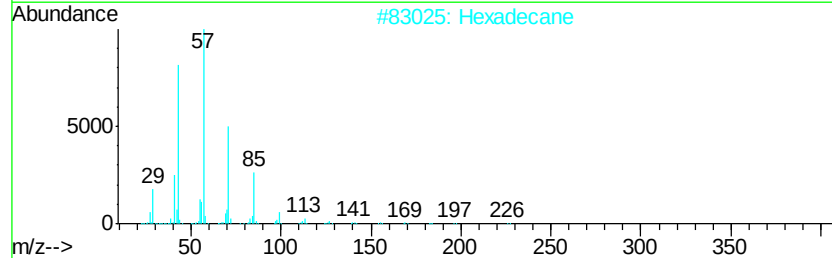
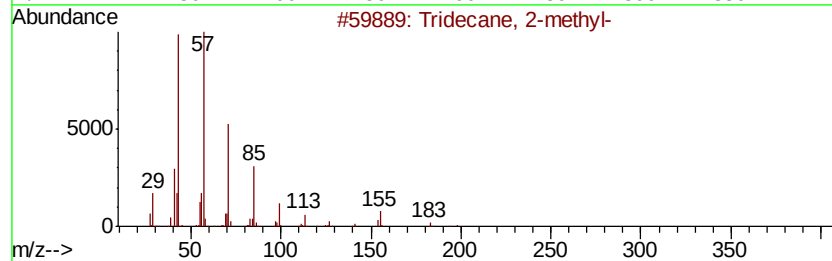
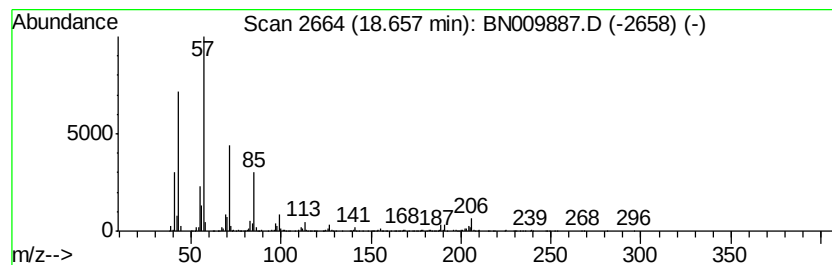
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	20.53 ng/ul	1243080	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Hexadecane	226	C16H34	000544-76-3	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Heptadecane, 4-propyl-	282	C20H42	055044-10-5	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5B16DL

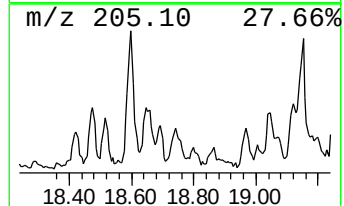
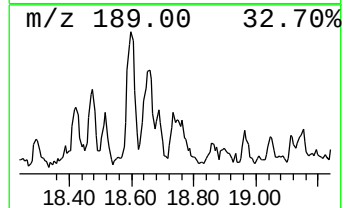
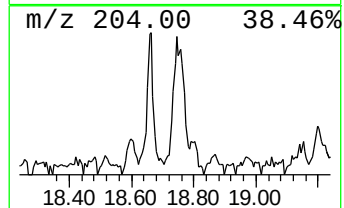
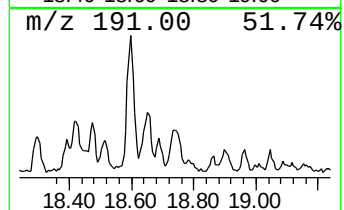
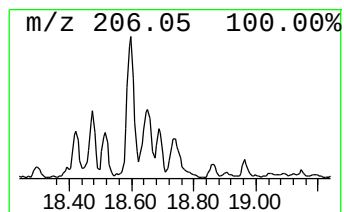
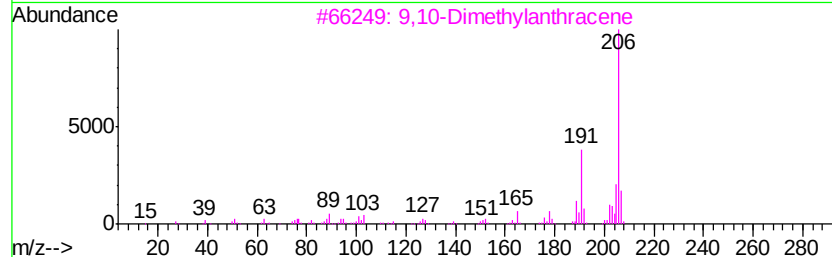
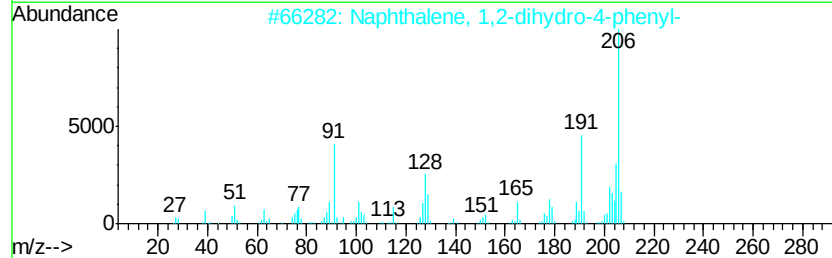
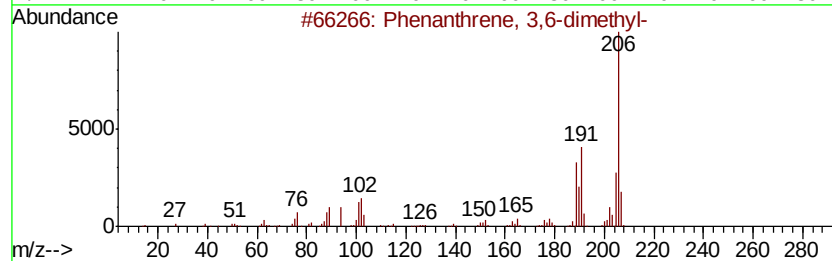
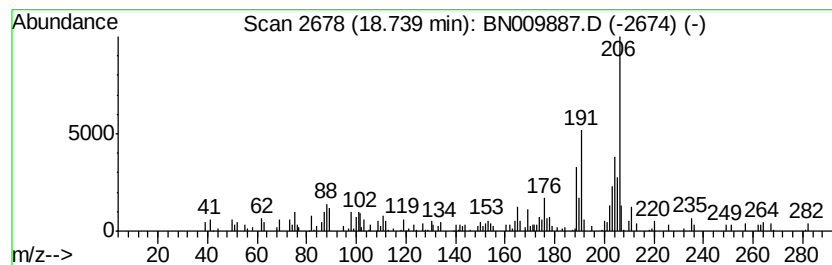
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 Phenanthrene, 3,6-dimethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.03 ng/ul	123228	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	60
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	58
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	53
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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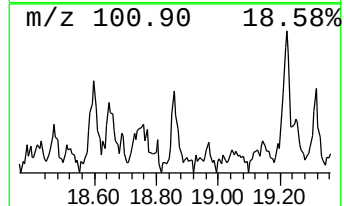
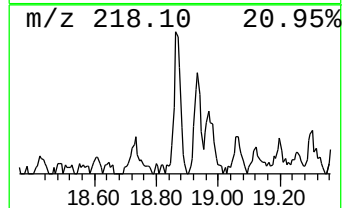
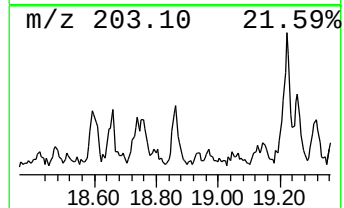
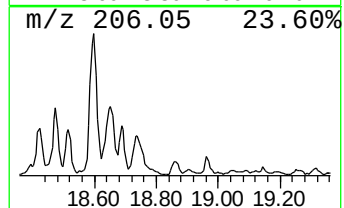
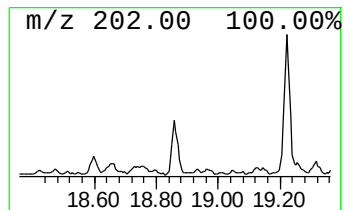
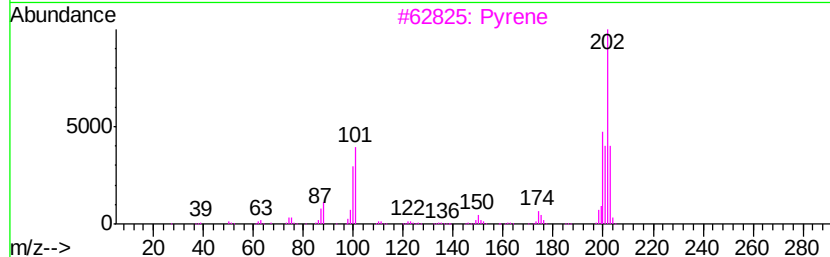
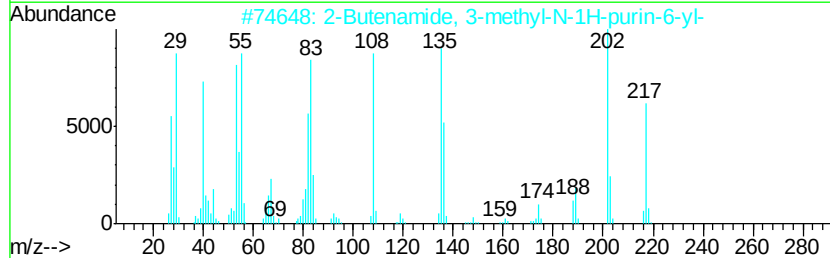
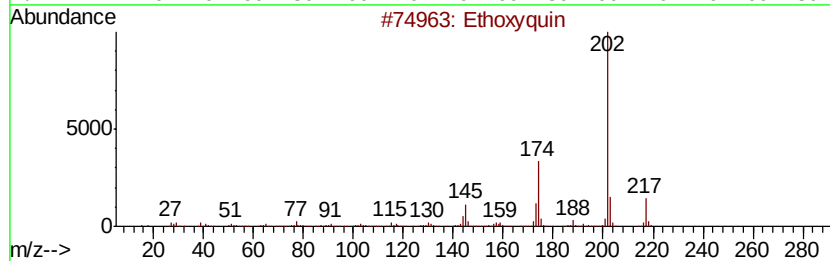
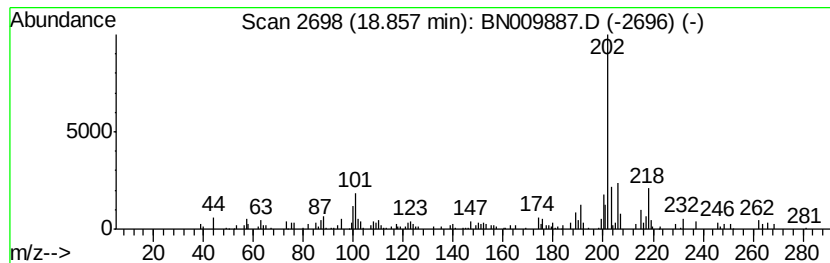
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 unknown-11 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.02 ng/ul	122081	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethoxyquin	217	C14H19NO	000091-53-2	35
2		2-Butenamide, 3-methyl-N-1H-puri...	217	C10H11N5O	021589-34-4	30
3		Pvrene	202	C16H10	000129-00-0	27
4		Fluoranthene	202	C16H10	000206-44-0	25
5		Pyrene	202	C16H10	000129-00-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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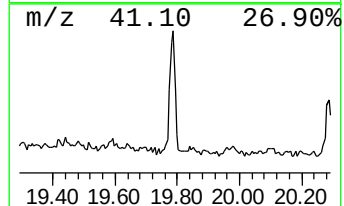
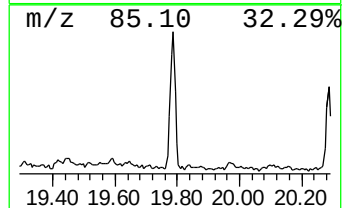
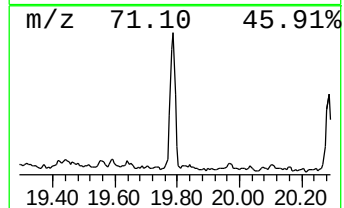
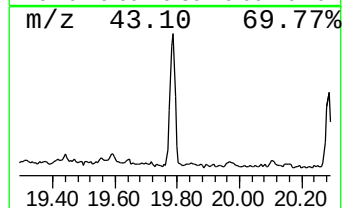
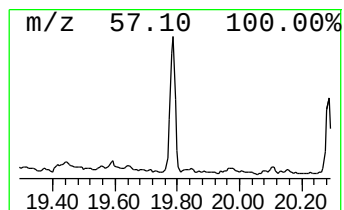
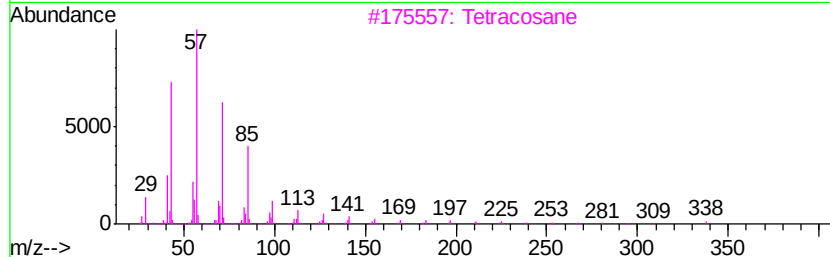
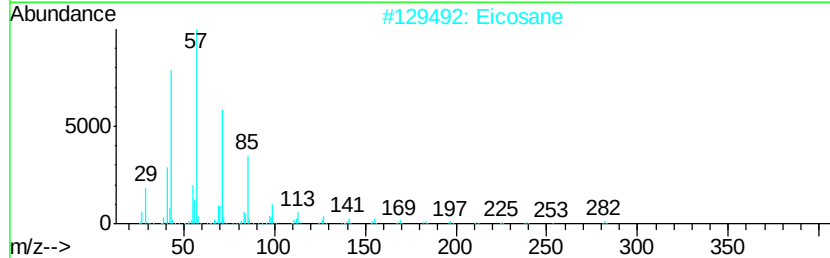
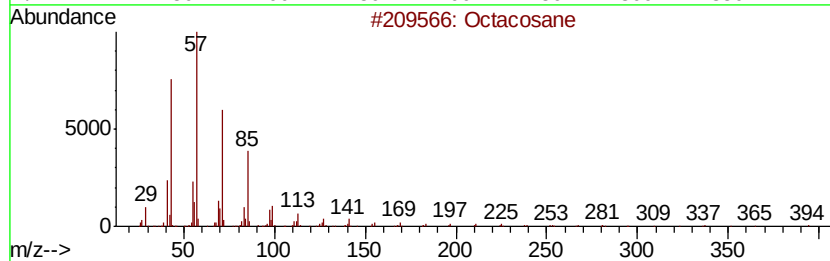
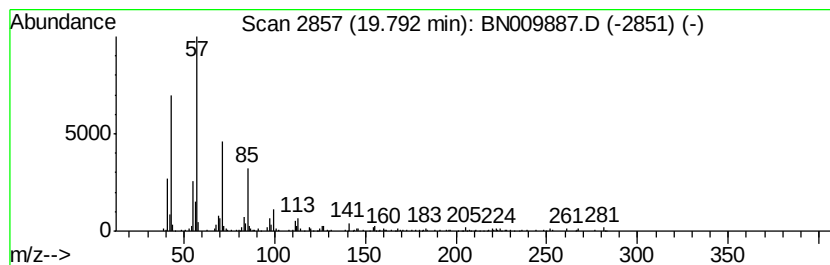
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	5.28 ng/ul	392220	Chrysene-d12	21.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Eicosane	282	C20H42	000112-95-8	90
3			Tetracosane	338	C24H50	000646-31-1	86
4			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	86
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
Acq On : 25 Feb 2020 06:41
Operator : CG/JU
Sample : L1418-16DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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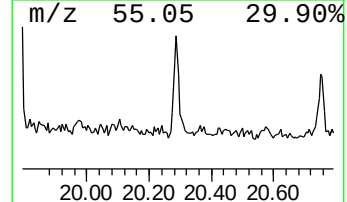
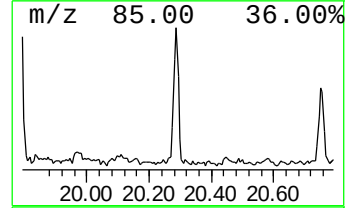
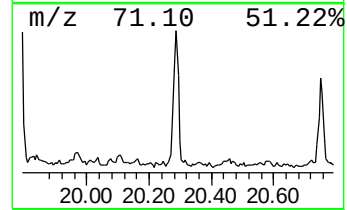
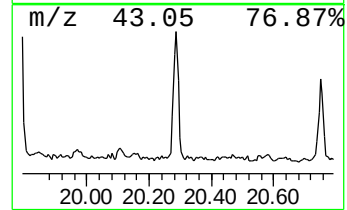
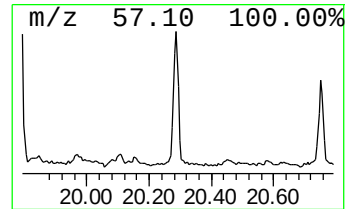
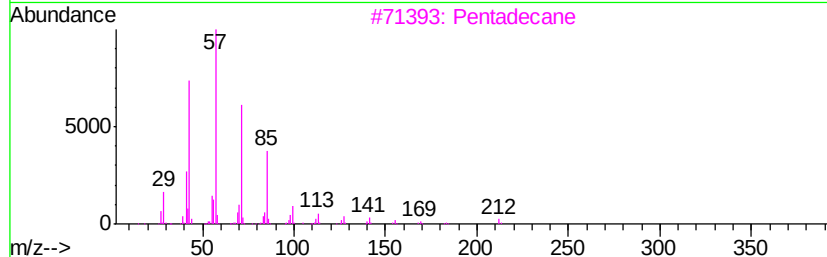
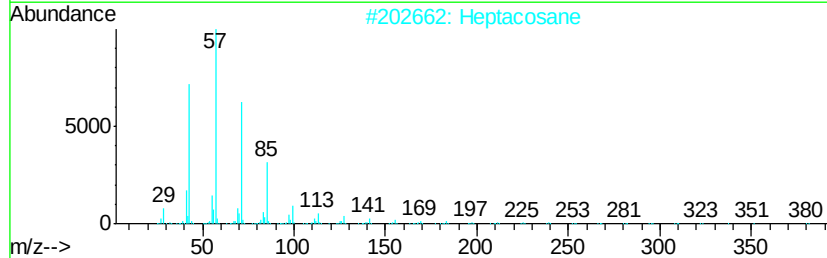
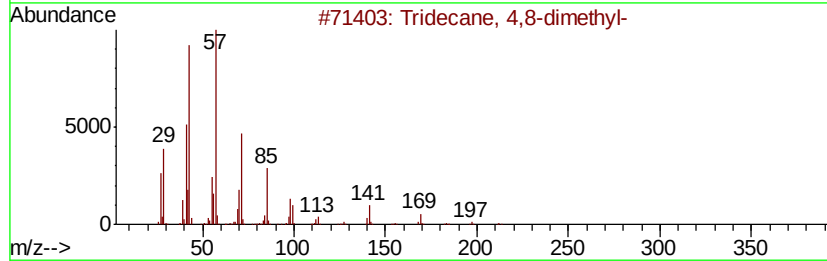
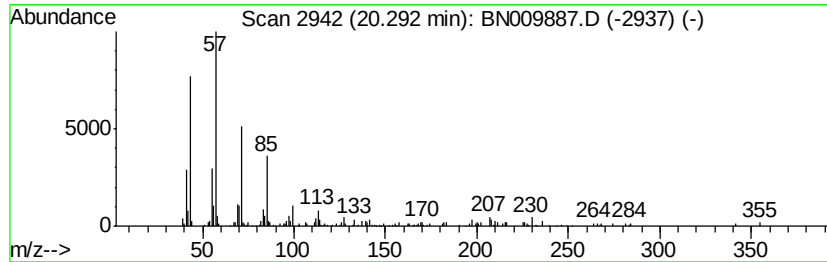
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.81 ng/ul	208596	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
2		Heptacosane	380	C27H56	000593-49-7	81
3		Pentadecane	212	C15H32	000629-62-9	81
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009887.D
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Misc :
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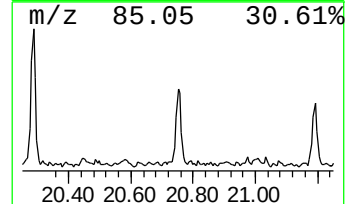
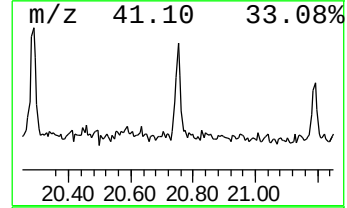
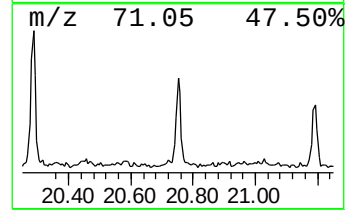
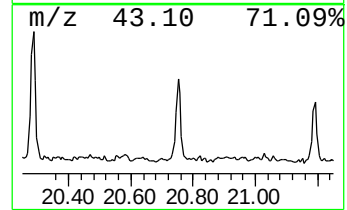
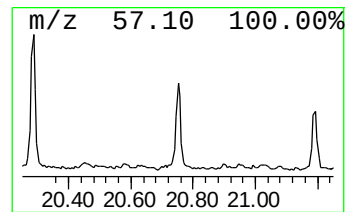
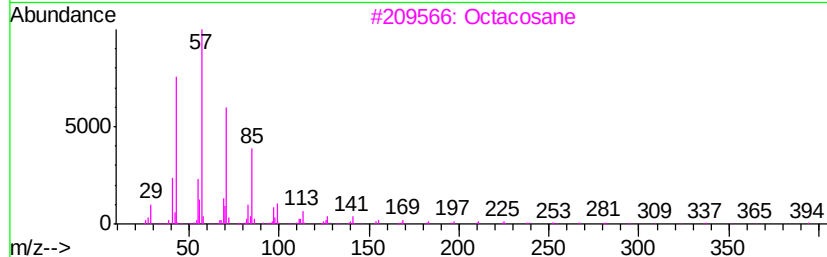
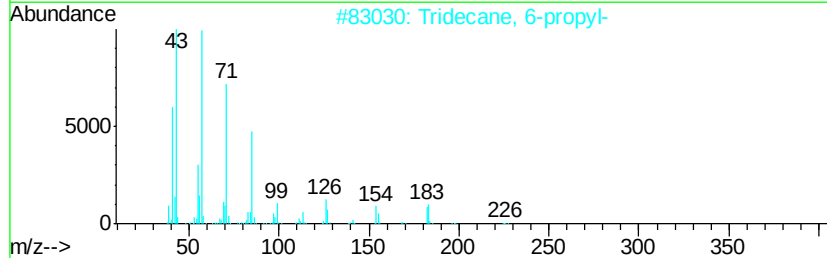
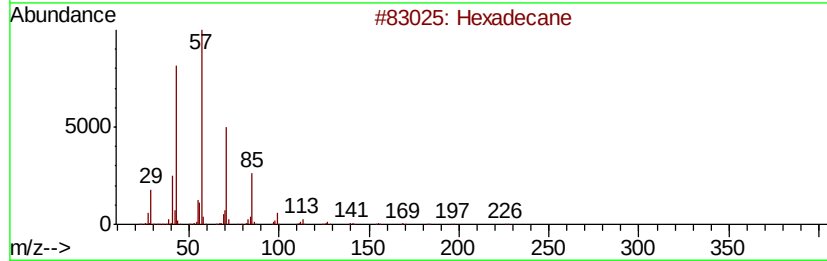
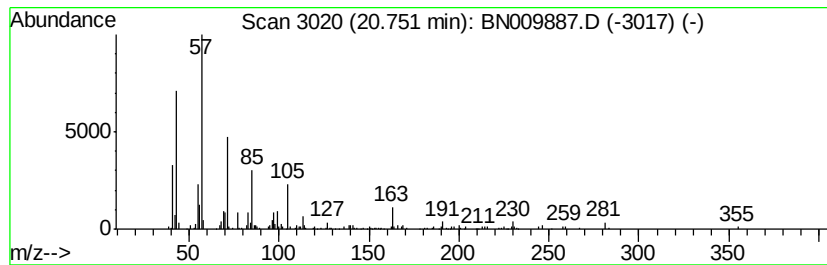
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.08 ng/ul	154626	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	53
3		Octacosane	394	C28H58	000630-02-4	52
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	49
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
 Data File : BN009887.D
 Acq On : 25 Feb 2020 06:41
 Operator : CG/JU
 Sample : L1418-16DL 30X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5B16DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	6.53	4.0	ng/ul	142976	1	7.39	710861	20.0
(DEL) Alkane: Str...	6.95	2.5	ng/ul	89361	1	7.39	710861	20.0
(DEL) Alkane: Cyc...	7.31	3.7	ng/ul	130898	1	7.39	710861	20.0
Cyclohexanecarbox...	7.66	2.3	ng/ul	83127	1	7.39	710861	20.0
(DEL) Alkane: Cyc...	7.92	3.8	ng/ul	134351	1	7.39	710861	20.0
Naphthalene, deca...	8.19	2.7	ng/ul	95355	1	7.39	710861	20.0
(DEL) Alkane: Str...	8.25	2.5	ng/ul	89612	1	7.39	710861	20.0
(DEL) Alkane: Cyc...	8.45	5.7	ng/ul	200714	1	7.39	710861	20.0
(DEL) Alkane: Str...	8.61	4.4	ng/ul	155954	1	7.39	710861	20.0
unknown-01	8.71	4.3	ng/ul	151329	1	7.39	710861	20.0
trans-4a-Methyl-d...	9.32	3.7	ng/ul	204043	2	10.13	1112320	20.0
(DEL) Alkane: Str...	10.32	2.8	ng/ul	153194	2	10.13	1112320	20.0
Oxalic acid, ally...	11.07	2.4	ng/ul	132245	2	10.13	1112320	20.0
Sulfurous acid, 2...	11.18	7.3	ng/ul	408244	2	10.13	1112320	20.0
(DEL) Alkane: Str...	11.59	15.1	ng/ul	839967	2	10.13	1112320	20.0
(DEL) Alkane: Str...	12.24	2.4	ng/ul	153777	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.28	2.2	ng/ul	139395	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.35	2.6	ng/ul	165636	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.43	7.0	ng/ul	446005	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.51	2.5	ng/ul	161855	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.57	7.3	ng/ul	467447	3	14.03	1277800	20.0
Decahydro-4,4,8,9...	12.79	3.0	ng/ul	191726	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.86	30.5	ng/ul	1948240	3	14.03	1277800	20.0
(DEL) Alkane: Str...	12.95	2.3	ng/ul	149455	3	14.03	1277800	20.0
Naphthalene, 1,5-...	13.35	2.7	ng/ul	170422	3	14.03	1277800	20.0
(DEL) Alkane: Str...	13.40	3.4	ng/ul	215357	3	14.03	1277800	20.0
unknown-02	13.44	12.5	ng/ul	800319	3	14.03	1277800	20.0
(DEL) Alkane: Str...	13.53	17.9	ng/ul	1143650	3	14.03	1277800	20.0
(DEL) Alkane: Str...	13.58	8.4	ng/ul	537597	3	14.03	1277800	20.0
(DEL) Alkane: Str...	13.66	2.9	ng/ul	184765	3	14.03	1277800	20.0
unknown-03	13.75	2.7	ng/ul	170523	3	14.03	1277800	20.0
unknown-04	13.85	6.6	ng/ul	423556	3	14.03	1277800	20.0
(DEL) Alkane: Str...	13.96	43.9	ng/ul	2804240	3	14.03	1277800	20.0
Naphthalene, 2-(1...	14.24	2.8	ng/ul	177690	3	14.03	1277800	20.0
(DEL) Alkane: Str...	14.40	3.3	ng/ul	207906	3	14.03	1277800	20.0
Naphthalene, 2,3,...	14.52	4.0	ng/ul	257428	3	14.03	1277800	20.0
(DEL) Alkane: Str...	14.59	11.6	ng/ul	741701	3	14.03	1277800	20.0
unknown-05	14.82	7.5	ng/ul	480408	3	14.03	1277800	20.0
(DEL) Alkane: Str...	14.92	42.4	ng/ul	2706840	3	14.03	1277800	20.0
Naphthalene, 1,4,...	14.99	4.2	ng/ul	270388	3	14.03	1277800	20.0
1,1'-Biphenyl, 3-...	15.21	4.1	ng/ul	260052	3	14.03	1277800	20.0
(DEL) Alkane: Str...	15.33	19.3	ng/ul	1234800	3	14.03	1277800	20.0
Naphthalene, 1,2,...	15.37	2.7	ng/ul	172425	3	14.03	1277800	20.0
unknown-06	15.42	5.5	ng/ul	331351	4	16.79	1211090	20.0
(DEL) Alkane: Str...	15.48	5.4	ng/ul	327848	4	16.79	1211090	20.0
unknown-07	15.55	8.7	ng/ul	526599	4	16.79	1211090	20.0
unknown-08	15.66	2.3	ng/ul	141629	4	16.79	1211090	20.0
(DEL) Alkane: Str...	15.79	54.9	ng/ul	3321830	4	16.79	1211090	20.0
(DEL) Alkane: Str...	15.81	22.6	ng/ul	1368500	4	16.79	1211090	20.0

1,4-Methanonaphth...	16.15	7.2 ng/ul	434112	4	16.79	1211090	20.0
(DEL) Alkane: Str...	16.19	4.2 ng/ul	252639	4	16.79	1211090	20.0
(DEL) Alkane: Str...	16.30	5.2 ng/ul	315686	4	16.79	1211090	20.0
(DEL) Alkane: Str...	16.36	6.5 ng/ul	392779	4	16.79	1211090	20.0
(DEL) Alkane: Str...	16.58	40.4 ng/ul	2448860	4	16.79	1211090	20.0
(DEL) Alkane: Str...	16.63	15.8 ng/ul	955679	4	16.79	1211090	20.0
unknown-09	16.89	5.7 ng/ul	343275	4	16.79	1211090	20.0
Oxalic acid, isob...	17.12	2.7 ng/ul	163221	4	16.79	1211090	20.0
(DEL) Alkane: Str...	17.23	2.9 ng/ul	173999	4	16.79	1211090	20.0
(DEL) Alkane: Str...	17.32	32.9 ng/ul	1990330	4	16.79	1211090	20.0
Anthracene, 1-met...	17.72	3.0 ng/ul	179488	4	16.79	1211090	20.0
(DEL) Alkane: Str...	17.76	2.0 ng/ul	123307	4	16.79	1211090	20.0
1H-Cyclopropa[l]p...	17.85	2.7 ng/ul	165509	4	16.79	1211090	20.0
(DEL) Alkane: Str...	18.01	26.3 ng/ul	1592260	4	16.79	1211090	20.0
di-p-Tolylacetylene	18.47	2.6 ng/ul	160421	4	16.79	1211090	20.0
Phenanthrene, 2,5...	18.59	6.1 ng/ul	368633	4	16.79	1211090	20.0
(DEL) Alkane: Str...	18.66	20.5 ng/ul	1243080	4	16.79	1211090	20.0
Phenanthrene, 3,6...	18.74	2.0 ng/ul	123228	4	16.79	1211090	20.0
unknown-11	18.86	2.0 ng/ul	122081	4	16.79	1211090	20.0
(DEL) Alkane: Str...	19.79	5.3 ng/ul	392220	5	21.00	1486920	20.0
(DEL) Alkane: Str...	20.29	2.8 ng/ul	208596	5	21.00	1486920	20.0
(DEL) Alkane: Str...	20.75	2.1 ng/ul	154626	5	21.00	1486920	20.0

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