

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009647.D
 Acq On : 07 Feb 2020 14:24
 Operator : CG/JU
 Sample : L1324-09 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT66

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-BN020320MA.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	6.605	609	615	623	rVV	749340	1315620	2.67%	0.176%
2	7.099	691	699	707	rBV3	2706517	5484426	11.12%	0.734%
3	7.434	748	756	761	rBV2	901066	1499634	3.04%	0.201%
4	7.958	836	845	853	rBV	5440190	8754358	17.76%	1.172%
5	8.657	960	964	968	rBV	2411201	3460836	7.02%	0.463%
6	9.105	1036	1040	1047	rVB2	692096	1446807	2.93%	0.194%
7	9.628	1121	1129	1135	rBV4	2007628	5126454	10.40%	0.686%
8	9.693	1135	1140	1145	rBV	1624817	2840482	5.76%	0.380%
9	10.187	1218	1224	1228	rVV	6807938	10889016	22.09%	1.457%
10	10.252	1228	1235	1242	rVB2	23979063	46303270	93.92%	6.196%
11	10.375	1250	1256	1260	rVB2	1977215	3212104	6.52%	0.430%
12	11.122	1380	1383	1389	rVB	1181653	1757824	3.57%	0.235%
13	11.234	1396	1402	1407	rBV	2740258	4639418	9.41%	0.621%
14	11.375	1423	1426	1435	rVB3	676196	1165394	2.36%	0.156%
15	11.646	1467	1472	1478	rVB	8380154	12042247	24.43%	1.612%
16	11.881	1502	1512	1517	rVB	25307033	49301289	100.00%	6.598%
17	12.093	1541	1548	1558	rVB	16550717	27490892	55.76%	3.679%
18	12.334	1585	1589	1596	rVB2	1141329	1963761	3.98%	0.263%
19	12.475	1609	1613	1623	rVV	1200947	1885747	3.82%	0.252%
20	12.563	1624	1628	1633	rVV	755272	1226536	2.49%	0.164%
21	12.622	1633	1638	1648	rVB	2889676	4385148	8.89%	0.587%
22	12.922	1679	1689	1699	rBV2	9623596	18733014	38.00%	2.507%
23	13.093	1713	1718	1735	rVB	4110029	8176398	16.58%	1.094%
24	13.234	1736	1742	1743	rBV	5475794	7669176	15.56%	1.026%
25	13.398	1763	1770	1775	rVV	8042088	14323165	29.05%	1.917%
26	13.451	1775	1779	1783	rVB	5245619	7136525	14.48%	0.955%
27	13.528	1788	1792	1796	rVV	2306065	2938206	5.96%	0.393%
28	13.587	1799	1802	1805	rVB2	2489925	3044118	6.17%	0.407%
29	13.634	1805	1810	1814	rBV2	4082398	6092598	12.36%	0.815%
30	13.798	1832	1838	1844	rVB	14362080	20938783	42.47%	2.802%
31	14.010	1869	1874	1878	rBV	9812129	12188804	24.72%	1.631%
32	14.063	1878	1883	1890	rVV2	3089585	6141357	12.46%	0.822%
33	14.134	1891	1895	1899	rVV2	1763454	2821439	5.72%	0.378%
34	14.169	1899	1901	1906	rVB	1076681	1227730	2.49%	0.164%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Title : SVOA CALIBRATION

35	14.292	1917	1922	1930	rVB	1045850	2284159	4.63%	0.306%
36	14.481	1946	1954	1958	rBV3	2389589	5362196	10.88%	0.718%
37	14.563	1964	1968	1972	rVB2	2069523	2839927	5.76%	0.380%
38	14.634	1976	1980	1984	rVB	1929898	2448738	4.97%	0.328%
39	14.698	1985	1991	1996	rBV4	2555763	5259283	10.67%	0.704%
40	14.757	1999	2001	2005	rVB	1403662	1616406	3.28%	0.216%
41	14.875	2014	2021	2025	rBV3	1190646	2862558	5.81%	0.383%
42	14.969	2031	2037	2042	rVB2	8013188	12060327	24.46%	1.614%
43	15.075	2051	2055	2060	rVB3	2292305	3683427	7.47%	0.493%
44	15.139	2060	2066	2078	rBV	8904485	14886753	30.20%	1.992%
45	15.381	2096	2107	2111	rVB2	2825464	6115876	12.41%	0.818%
46	15.434	2111	2116	2119	rBV	1078941	1865939	3.78%	0.250%
47	15.545	2129	2135	2138	rBV2	2596536	4173316	8.46%	0.558%
48	15.834	2177	2184	2187	rBV	6608852	10617811	21.54%	1.421%
49	16.145	2230	2237	2241	rBV	1801794	3998411	8.11%	0.535%
50	16.192	2241	2245	2250	rVB2	2084709	2985329	6.06%	0.400%
51	16.292	2258	2262	2267	rVB2	1527323	2084694	4.23%	0.279%
52	16.498	2294	2297	2305	rVB2	1007052	1494016	3.03%	0.200%
53	16.628	2315	2319	2325	rBV2	5526672	9597424	19.47%	1.284%
54	16.681	2325	2328	2338	rVB	2256410	3409317	6.92%	0.456%
55	16.834	2350	2354	2356	rBV	1237921	1711119	3.47%	0.229%
56	16.892	2356	2364	2368	rVV	23482514	39309335	79.73%	5.260%
57	16.969	2372	2377	2382	rVB	7335736	9511883	19.29%	1.273%
58	17.363	2440	2444	2448	rVV2	4434726	5620854	11.40%	0.752%
59	17.410	2449	2452	2459	rVB2	1102992	1563148	3.17%	0.209%
60	17.710	2498	2503	2507	rBV	5665695	7715194	15.65%	1.032%
61	17.763	2507	2512	2517	rVB	6124976	8377300	16.99%	1.121%
62	17.839	2521	2525	2530	rVV	2151774	3068718	6.22%	0.411%
63	17.904	2531	2536	2540	rVV2	9249527	16300870	33.06%	2.181%
64	17.939	2540	2542	2550	rVB	3797937	4716220	9.57%	0.631%
65	18.057	2558	2562	2567	rVB	3215614	3792953	7.69%	0.508%
66	18.216	2585	2589	2593	rVB	2744554	3414436	6.93%	0.457%
67	18.522	2637	2641	2644	rBV2	846321	1183507	2.40%	0.158%
68	18.639	2656	2661	2666	rBV2	2975361	5066859	10.28%	0.678%
69	18.704	2668	2672	2675	rVV2	4700943	6342071	12.86%	0.849%
70	18.733	2675	2677	2681	rVB	1215946	1448079	2.94%	0.194%
71	18.786	2681	2686	2693	rBV2	2784212	5330816	10.81%	0.713%

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72	18.910	2701	2707	2715	rVB	14496182	20933926	42.46%	2.801%
73	19.057	2728	2732	2738	rVB	4368065	5619257	11.40%	0.752%
74	19.286	2761	2771	2778	rBV	25491498	41272720	83.72%	5.523%
75	19.604	2820	2825	2835	rBV	2689921	5249800	10.65%	0.703%
76	19.745	2844	2849	2851	rBV4	2335798	4248659	8.62%	0.569%
77	19.775	2852	2854	2859	rVB	4538102	5027207	10.20%	0.673%
78	19.827	2860	2863	2867	rBV2	1503370	1929998	3.91%	0.258%
79	19.875	2867	2871	2876	rBV	3373974	4347388	8.82%	0.582%
80	19.933	2877	2881	2885	rVB	3798186	4680705	9.49%	0.626%
81	20.075	2901	2905	2909	rBV	3062594	3884278	7.88%	0.520%
82	20.122	2909	2913	2922	rVB	4299478	5870350	11.91%	0.786%
83	20.327	2945	2948	2952	rBV3	1318275	1642528	3.33%	0.220%
84	20.727	3013	3016	3020	rVB	1709438	1826177	3.70%	0.244%
85	20.769	3020	3023	3026	rBV	1662580	1971425	4.00%	0.264%
86	21.039	3064	3069	3074	rBV2	10766603	18224464	36.97%	2.439%
87	21.092	3075	3078	3083	rVB	7871965	9392207	19.05%	1.257%
88	21.257	3103	3106	3119	rVB	4481479	6140405	12.45%	0.822%
89	21.592	3160	3163	3167	rVV	3086877	4045369	8.21%	0.541%
90	21.639	3168	3171	3176	rVB2	1620190	2221392	4.51%	0.297%
91	21.774	3190	3194	3196	rBV3	1601720	2151136	4.36%	0.288%
92	21.804	3197	3199	3203	rVB2	2167590	2393784	4.86%	0.320%
93	22.557	3320	3327	3337	rBV2	6367083	17420134	35.33%	2.331%
94	22.710	3348	3353	3359	rVB	2376890	3731901	7.57%	0.499%
95	22.998	3395	3402	3408	rBV	4584879	7796373	15.81%	1.043%
96	23.092	3411	3418	3423	rVV2	8252505	14330368	29.07%	1.918%
97	23.216	3436	3439	3447	rVB2	1443764	2670683	5.42%	0.357%
98	23.974	3563	3568	3579	rVB2	1099709	2448577	4.97%	0.328%
99	25.245	3777	3784	3793	rVB	2863344	7443660	15.10%	0.996%
100	25.880	3884	3892	3907	rVB	2347395	6608727	13.40%	0.884%

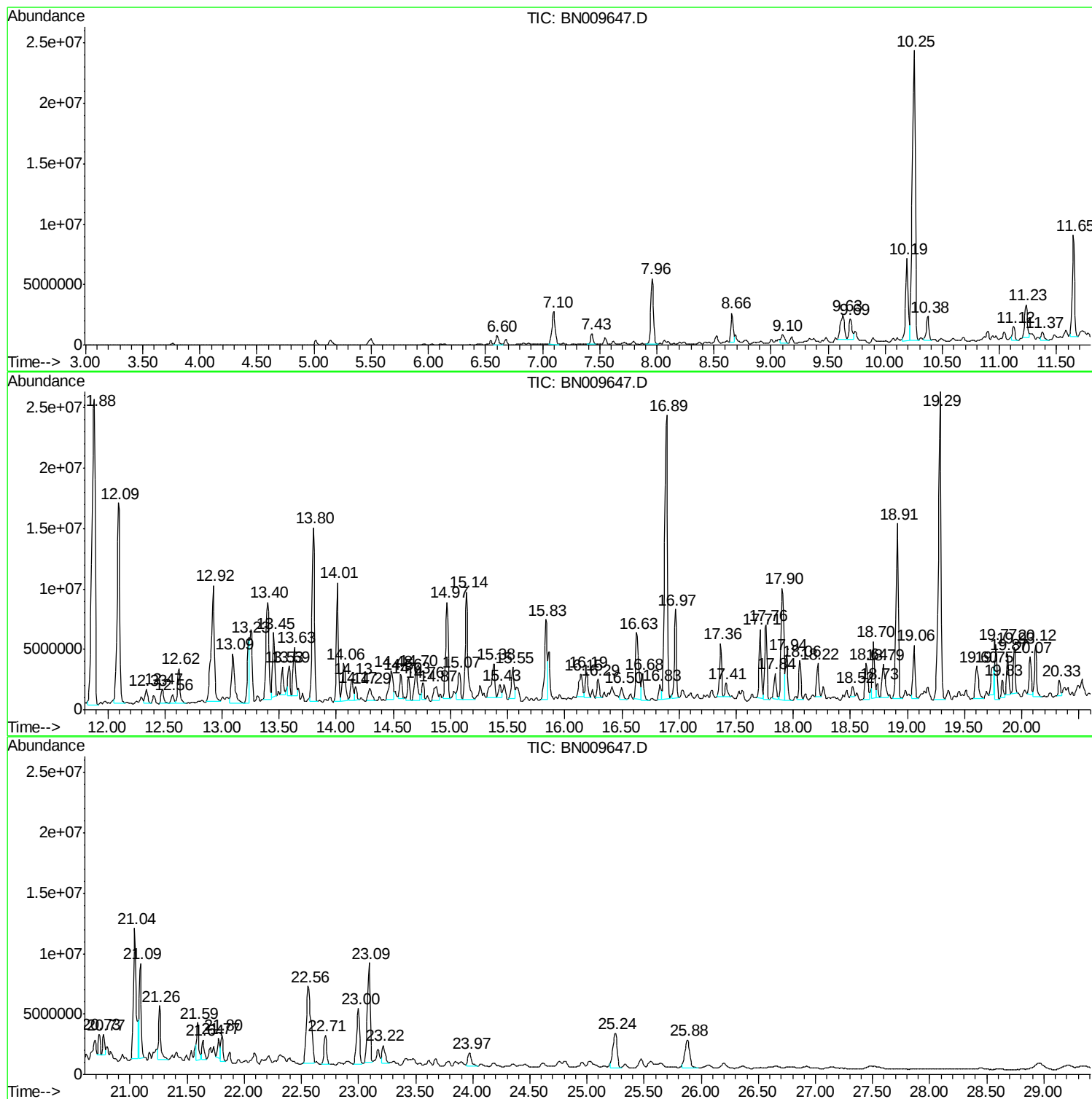
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Instrument :
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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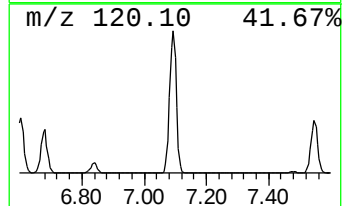
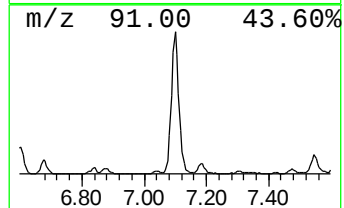
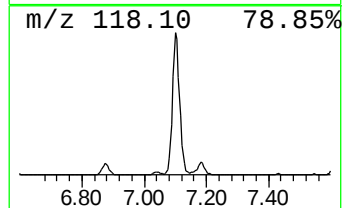
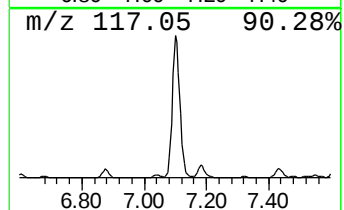
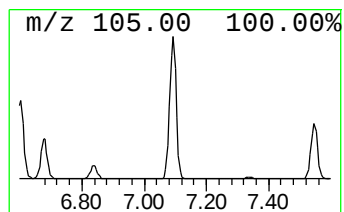
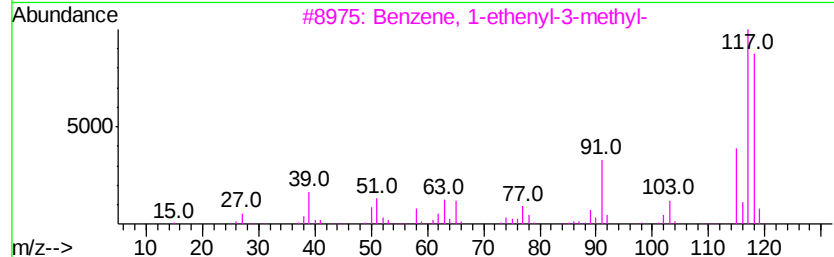
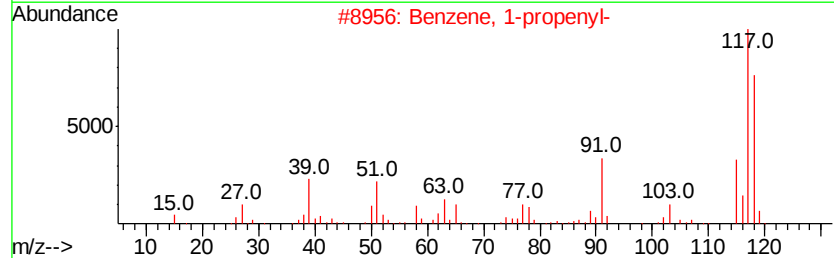
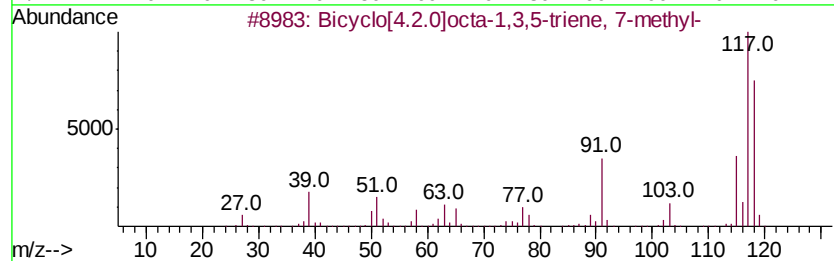
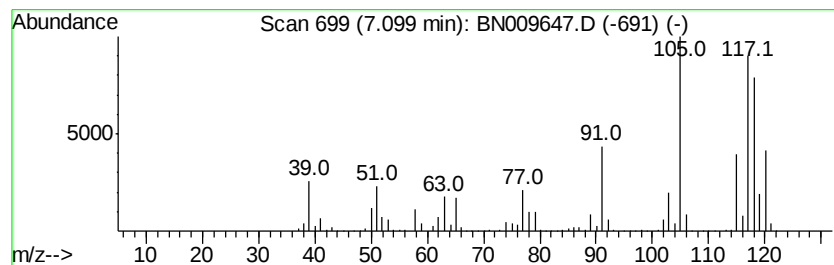
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	73.14 ng/ul	5484430	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	64
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	58
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55



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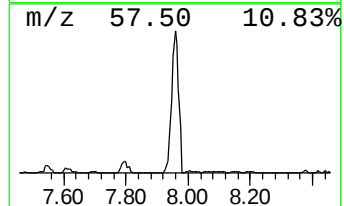
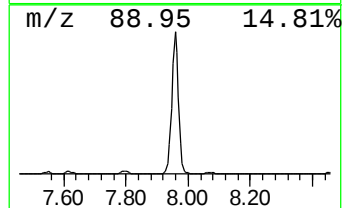
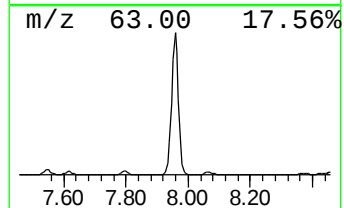
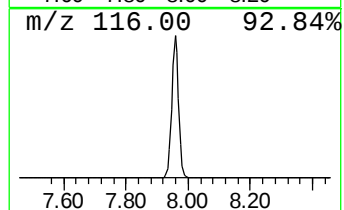
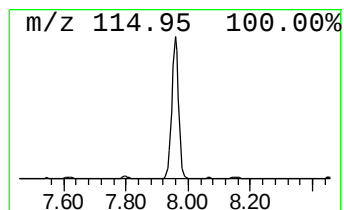
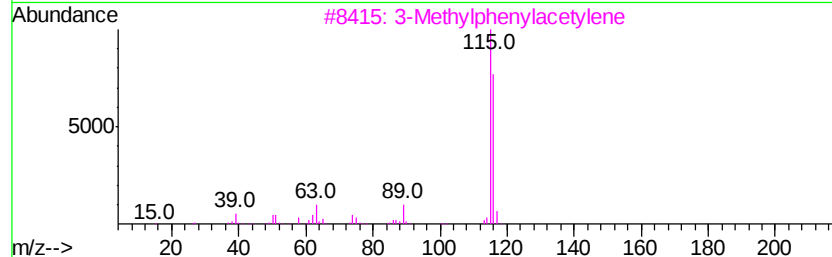
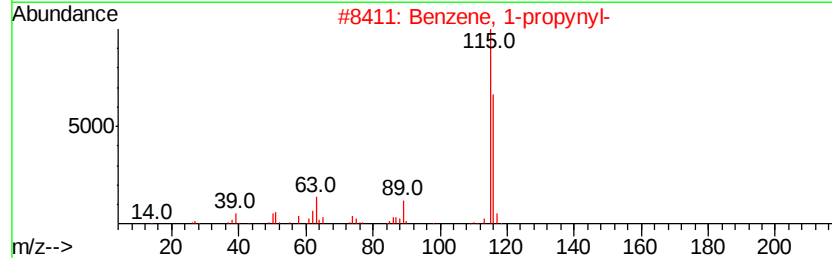
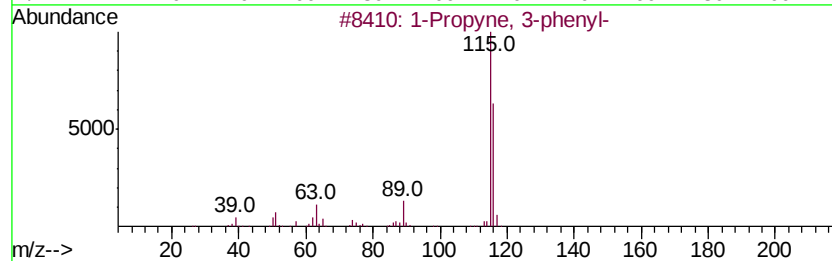
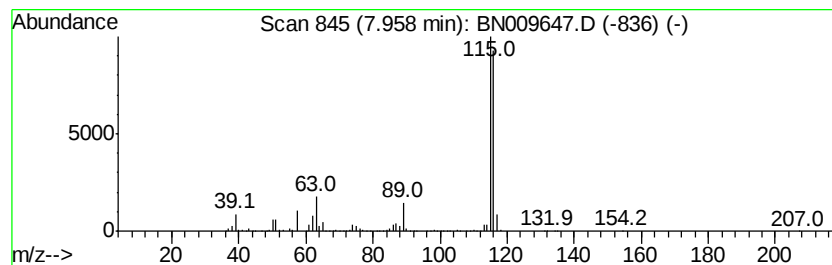
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Peak Number 2 1-Propyne, 3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	116.75 ng/ul	8754360	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		Indene	116	C9H8	000095-13-6	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90



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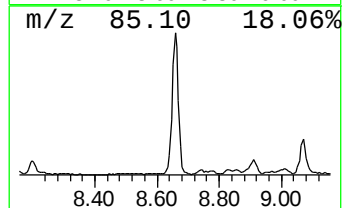
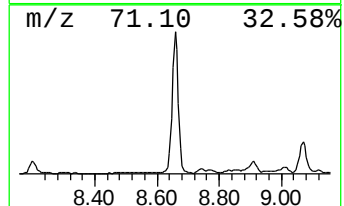
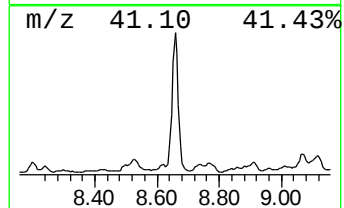
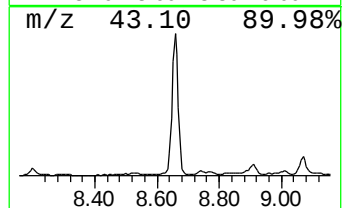
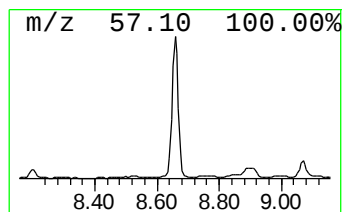
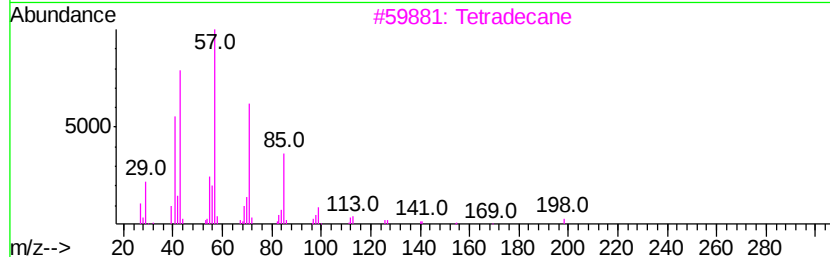
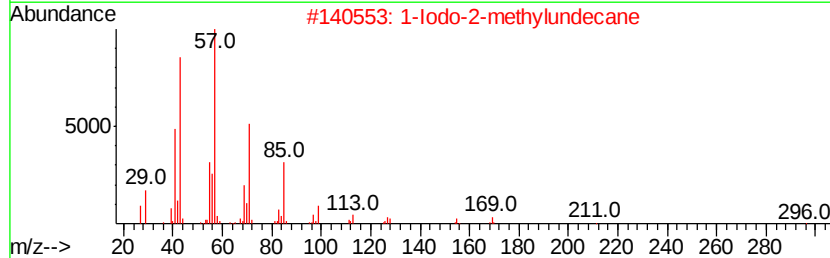
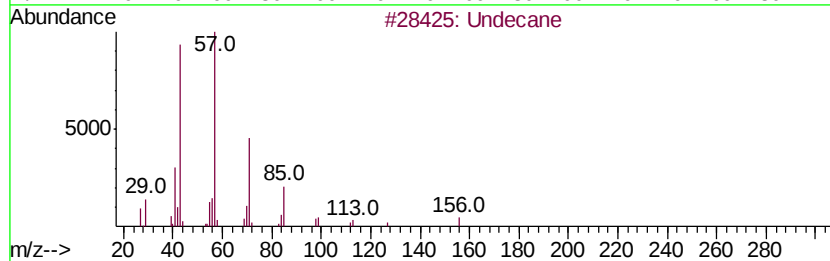
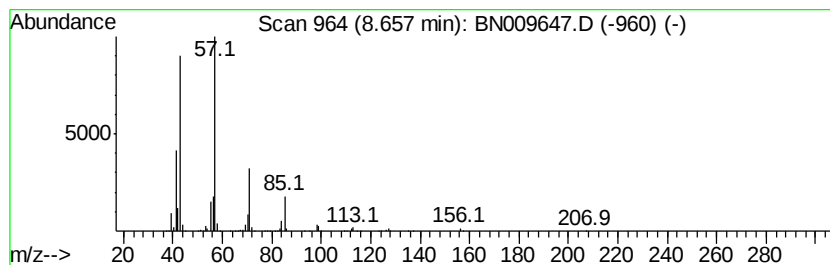
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	46.16 ng/ul	3460840	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
3	Tetradecane	198	C14H30	000629-59-4	64
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5	Undecane	156	C11H24	001120-21-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAT66

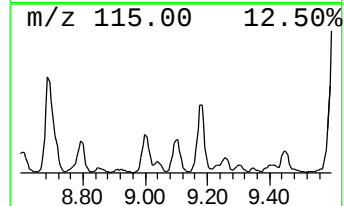
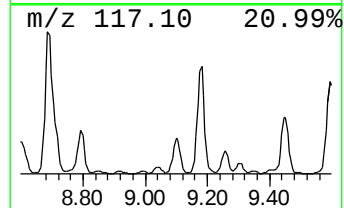
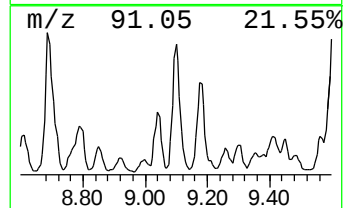
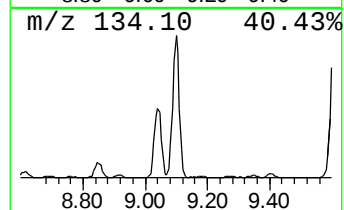
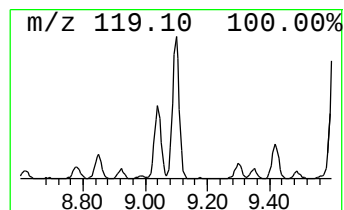
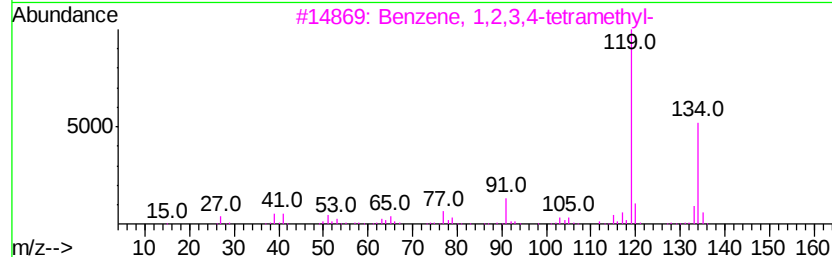
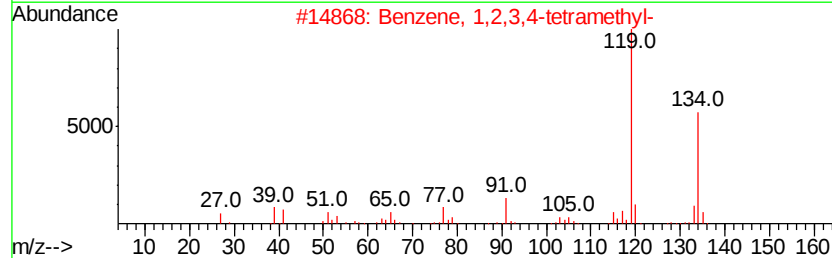
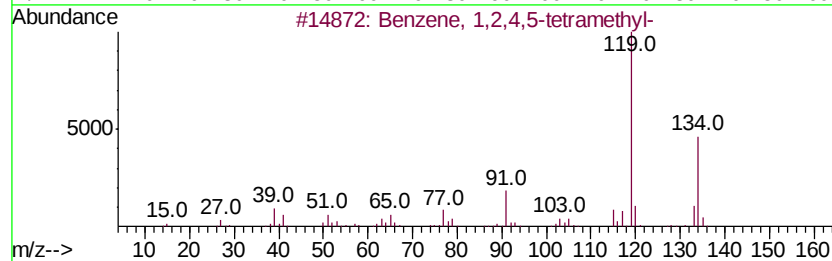
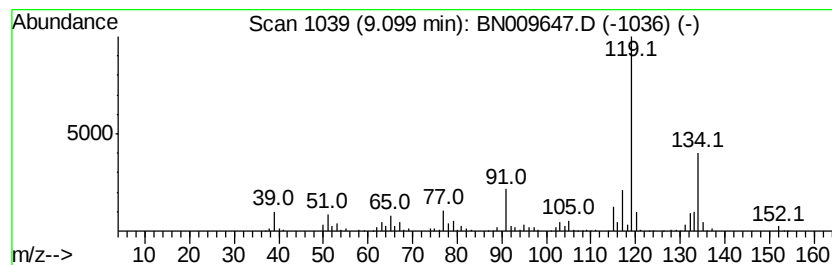
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.66 ng/ul	1446810	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
5		o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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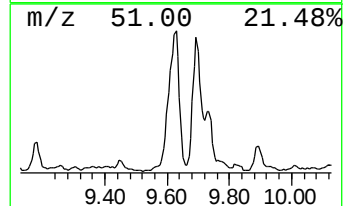
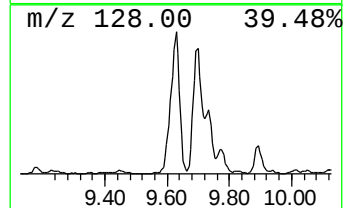
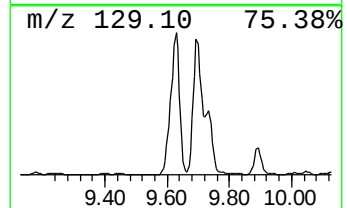
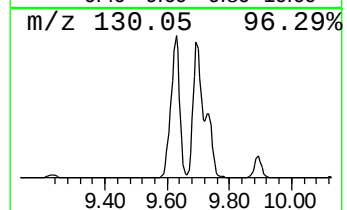
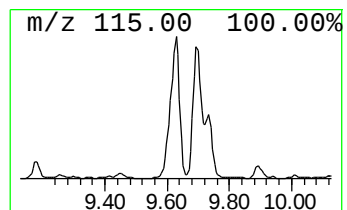
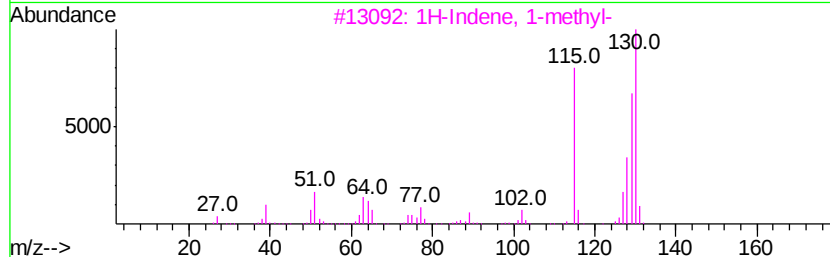
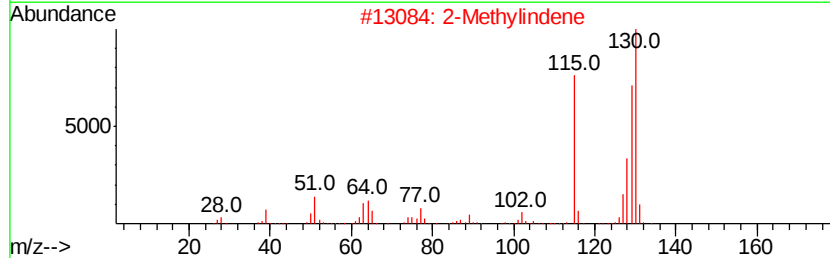
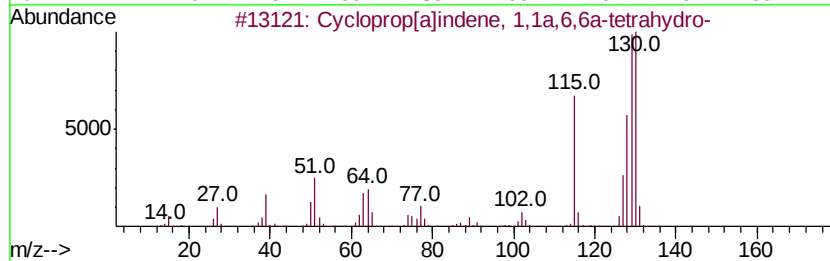
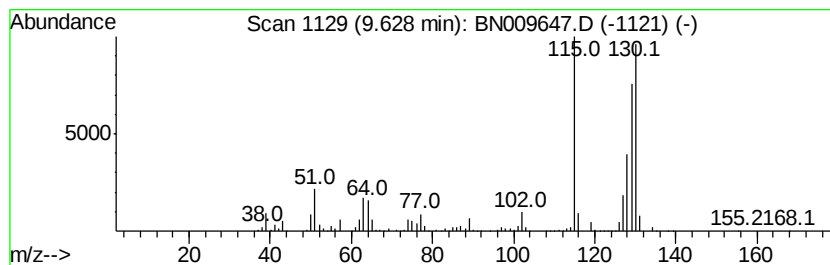
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	9.42 ng/ul	5126450	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2		2-Methylindene	130	C10H10	002177-47-1	95
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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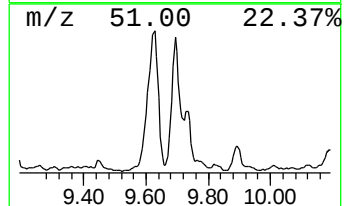
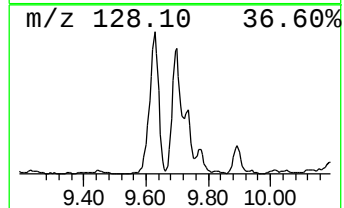
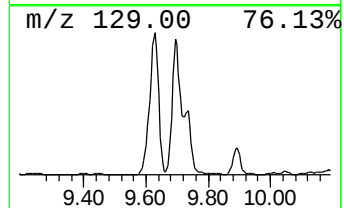
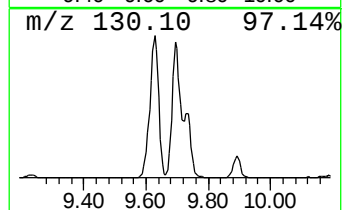
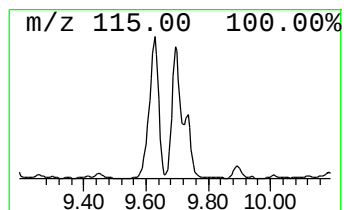
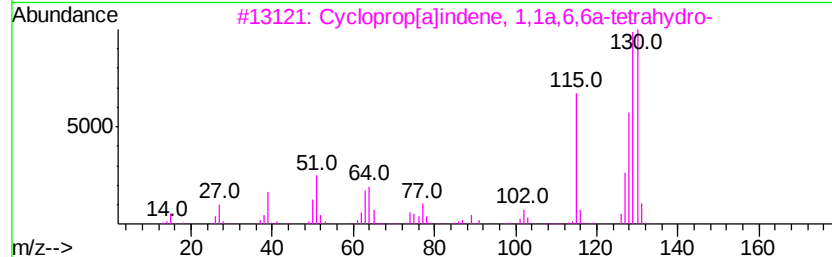
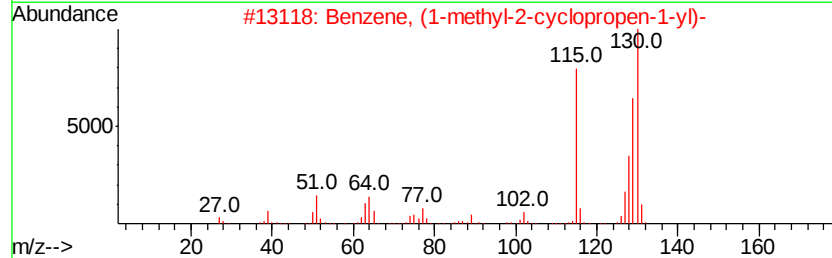
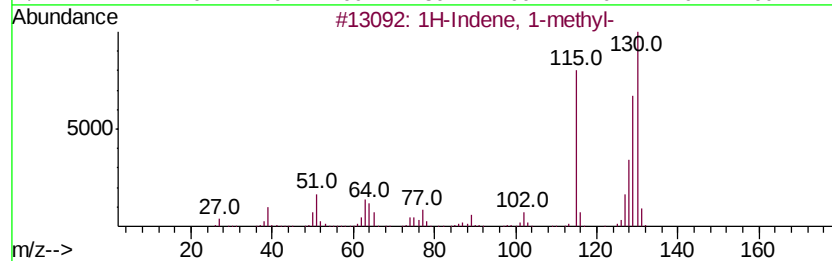
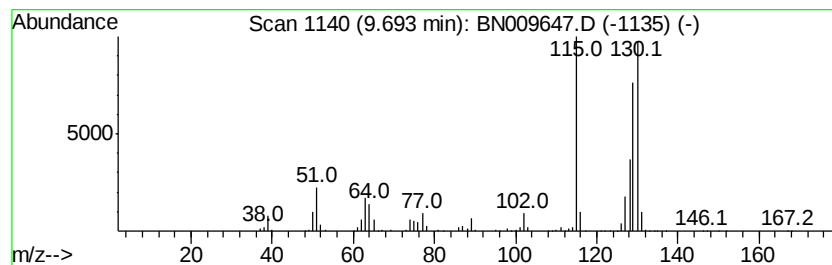
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	5.22 ng/ul	2840480	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4		2-Methylindene	130	C10H10	002177-47-1	95
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

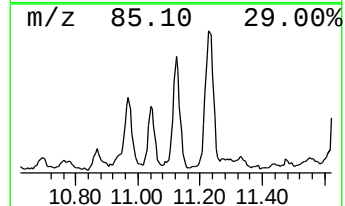
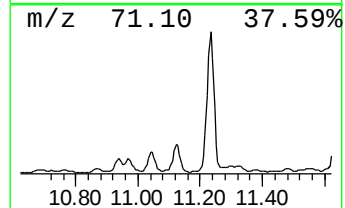
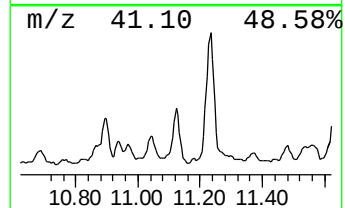
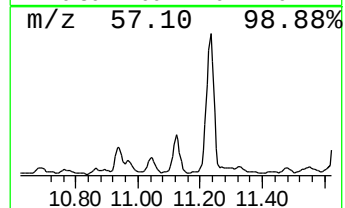
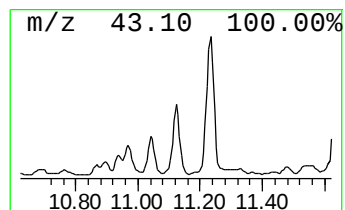
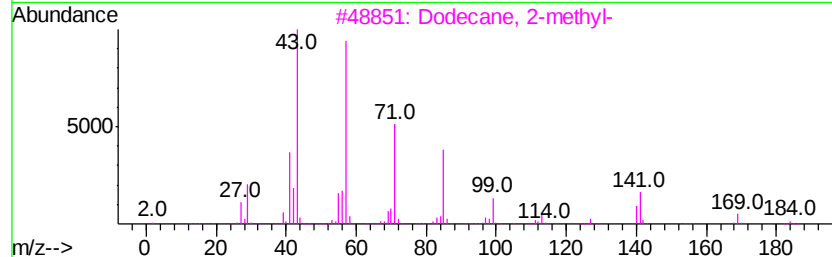
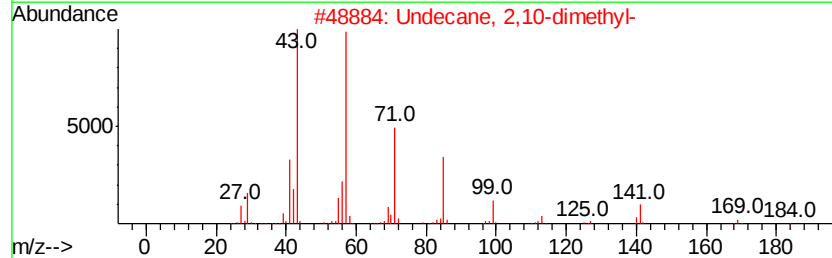
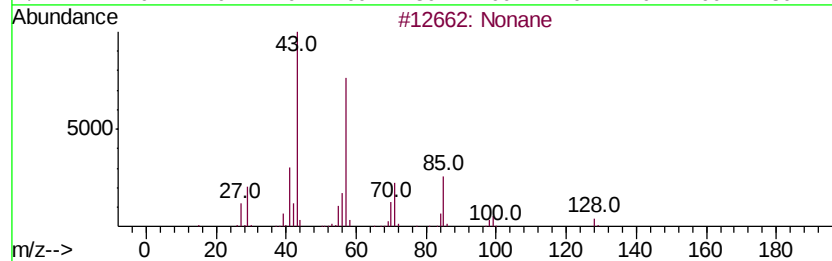
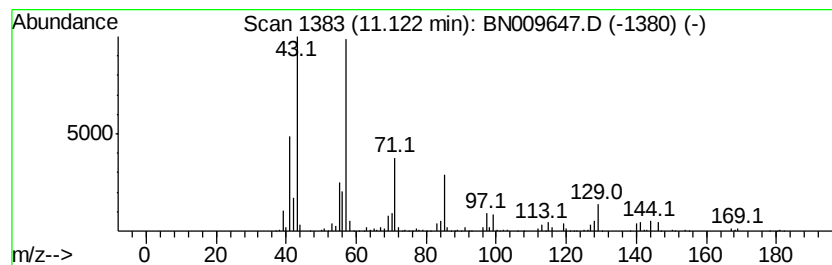
Instrument :
BNA_N
ClientSampleId :
GAT66

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Nonane Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.23 ng/ul	1757820	Napthalene-d8	10.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane		128 C9H20	000111-84-2 58
2	Undecane, 2,10-dimethyl-		184 C13H28	017301-27-8 53
3	Dodecane, 2-methyl-		184 C13H28	001560-97-0 50
4	1-Iodo-2-methylundecane		296 C12H25I	073105-67-6 50
5	Tridecane, 2-methyl-		198 C14H30	001560-96-9 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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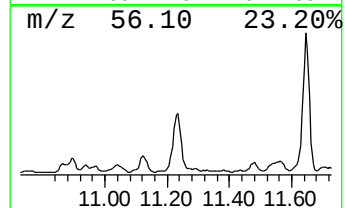
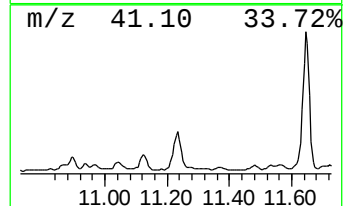
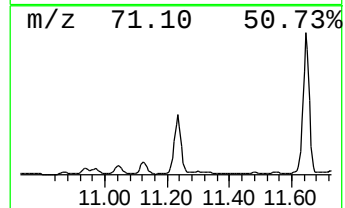
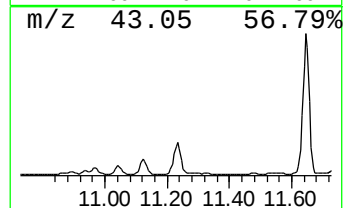
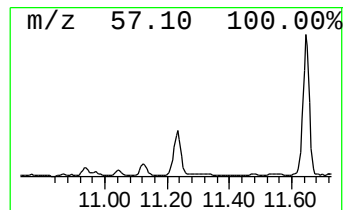
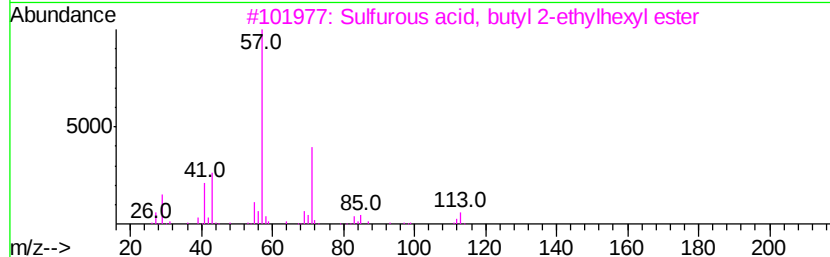
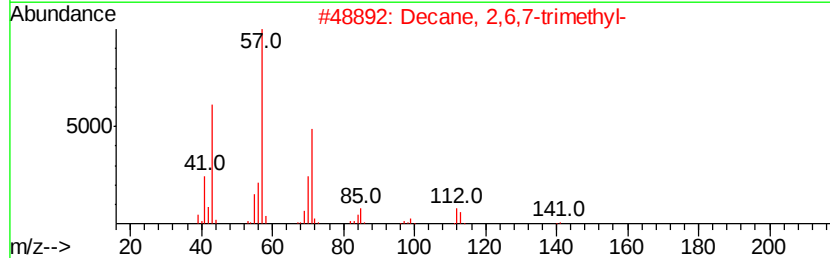
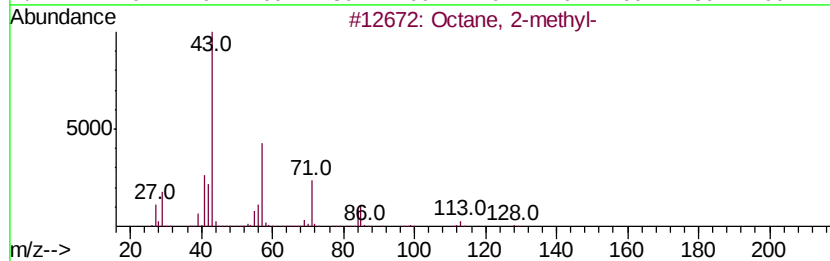
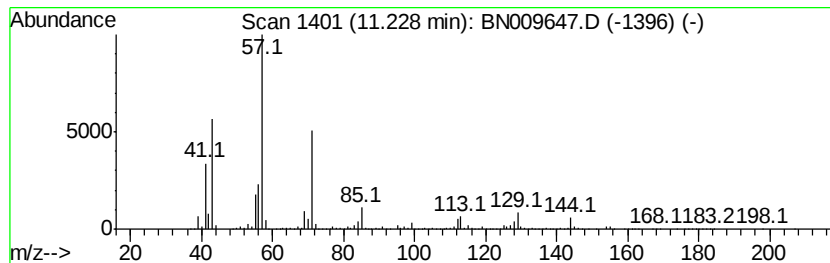
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octane, 2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	8.52 ng/ul	4639420	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	64
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
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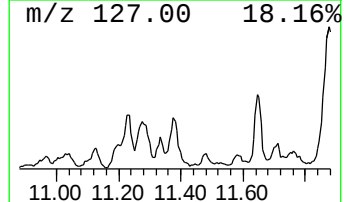
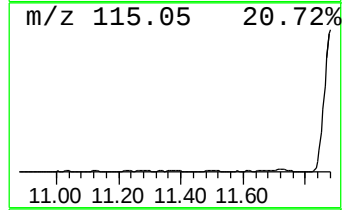
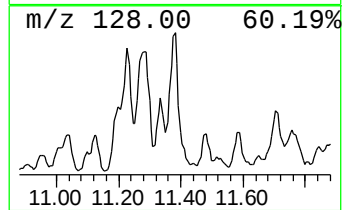
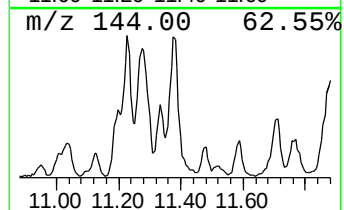
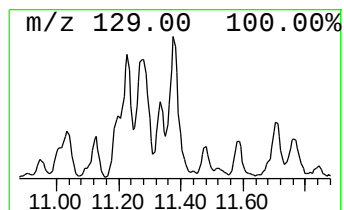
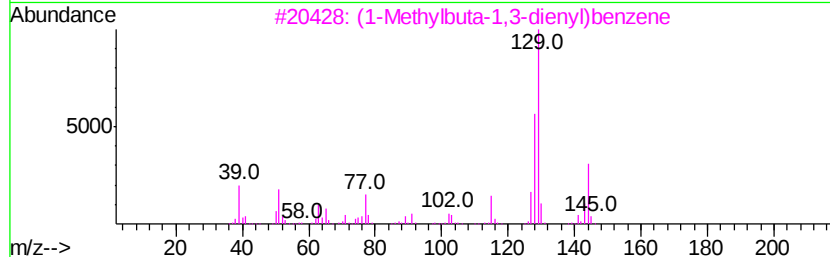
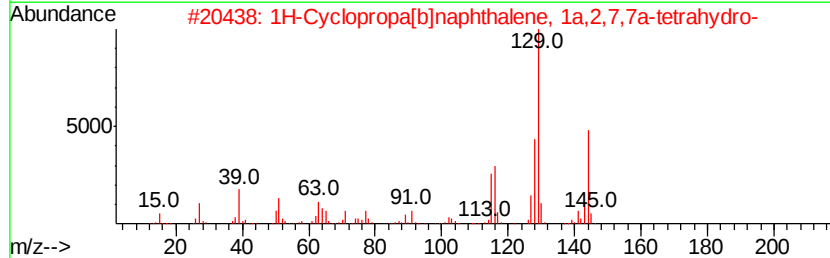
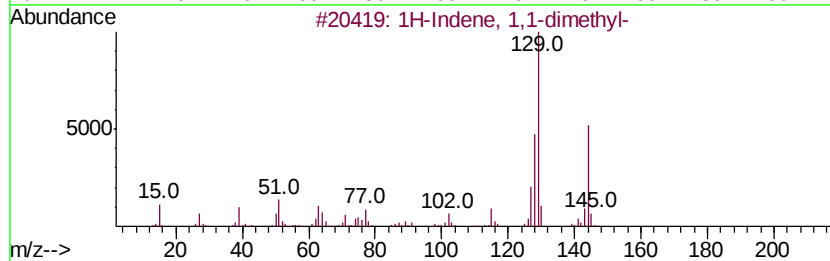
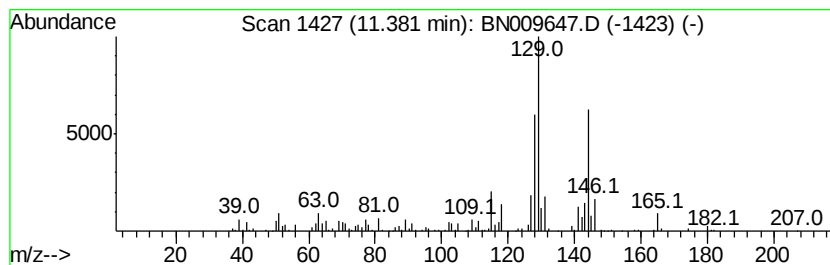
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1H-Indene, 1,1-dimethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.38	2.14 ng/ul	1165390	Napthalene-d8	10.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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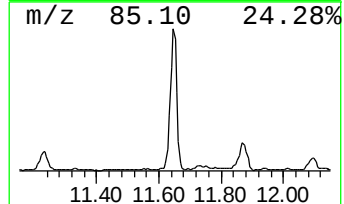
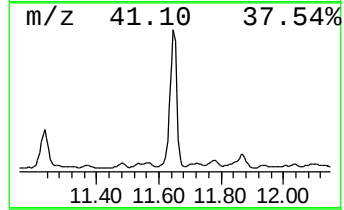
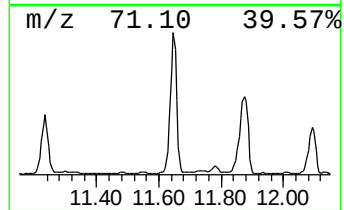
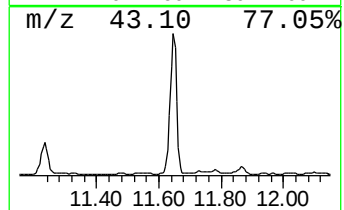
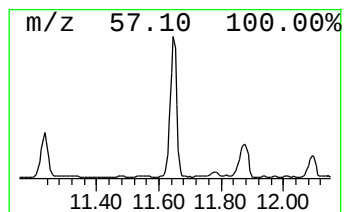
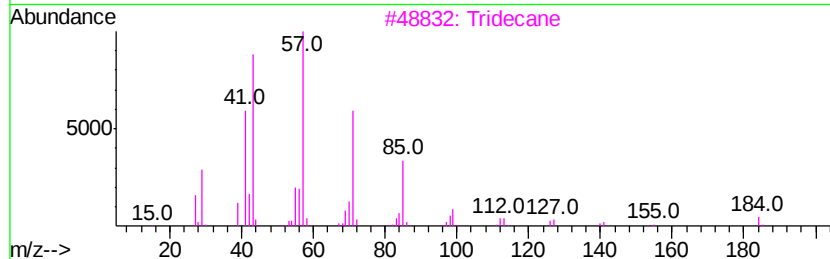
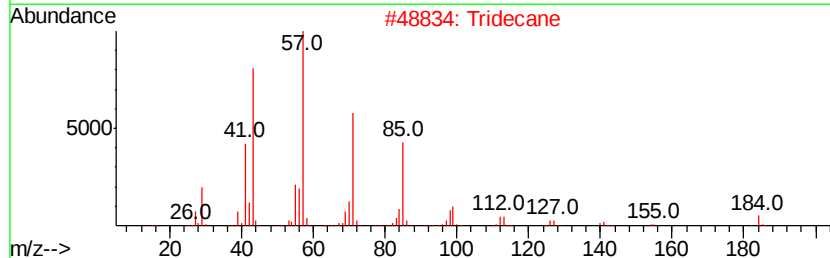
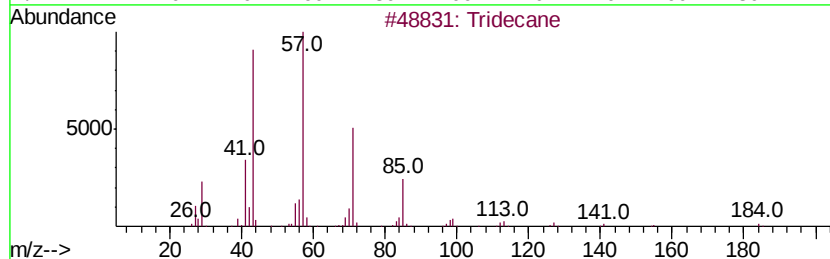
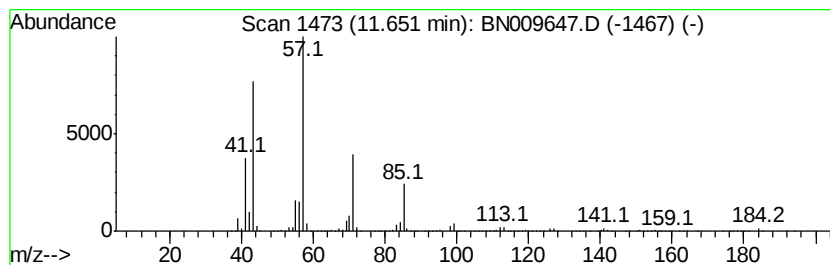
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	22.12 ng/ul	12042200	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	93
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

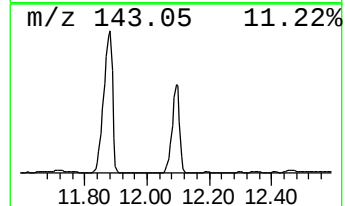
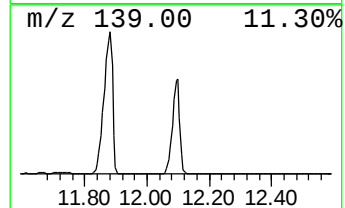
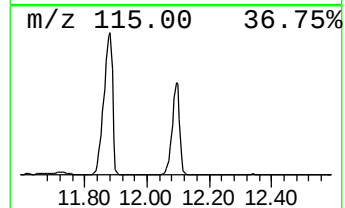
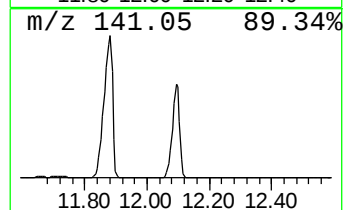
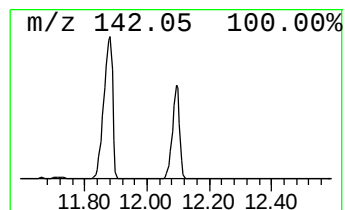
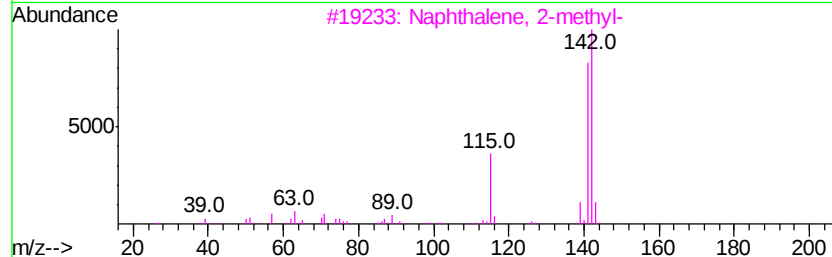
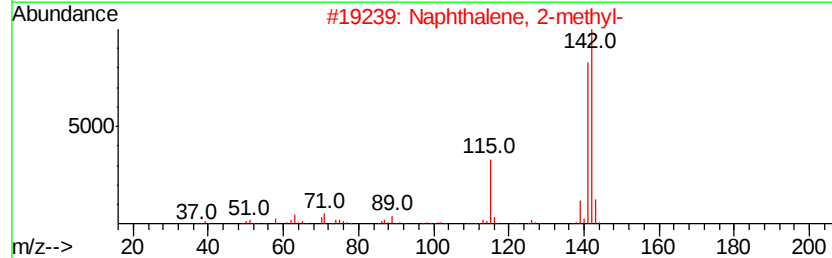
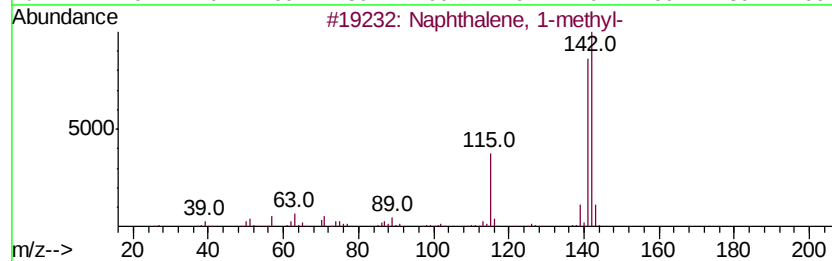
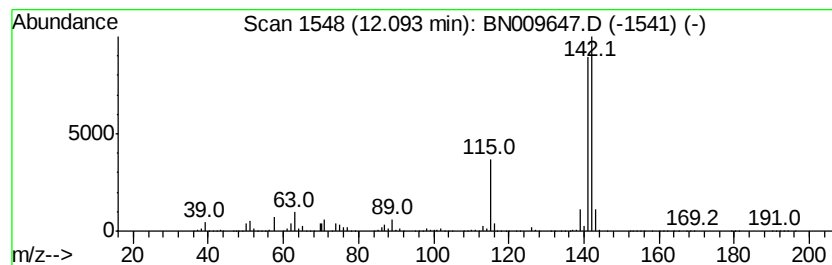
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	50.49 ng/ul	27490900	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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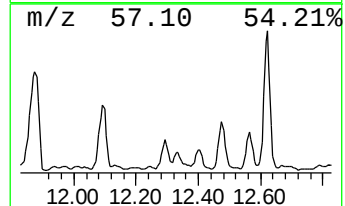
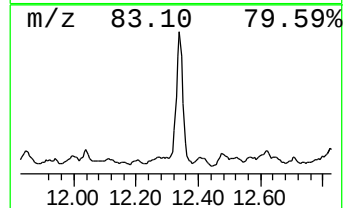
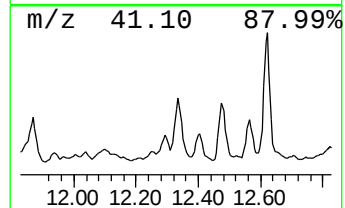
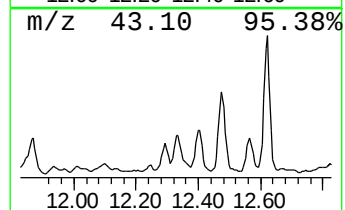
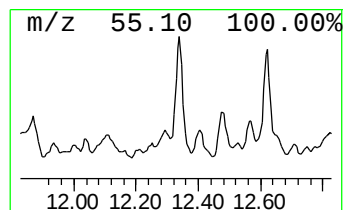
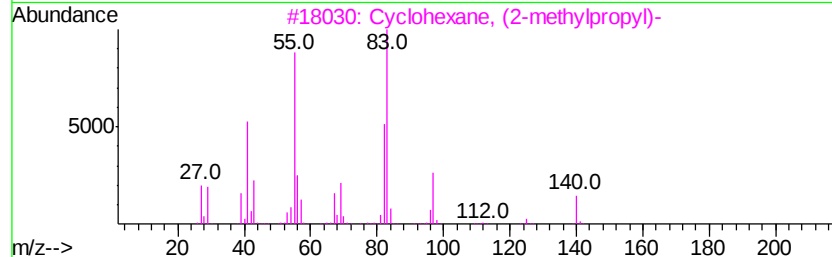
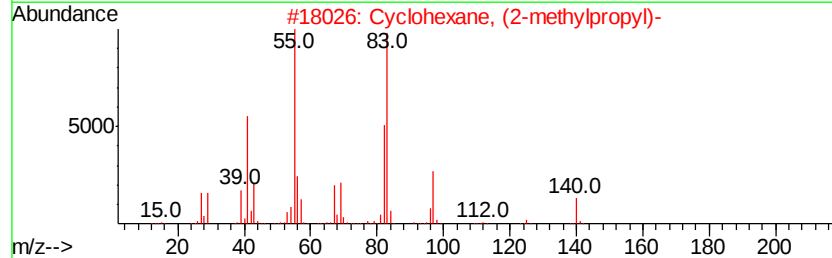
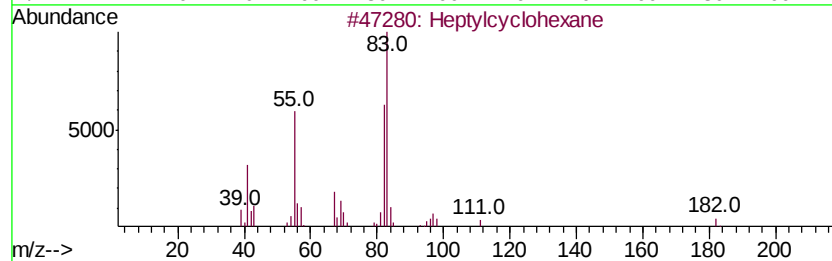
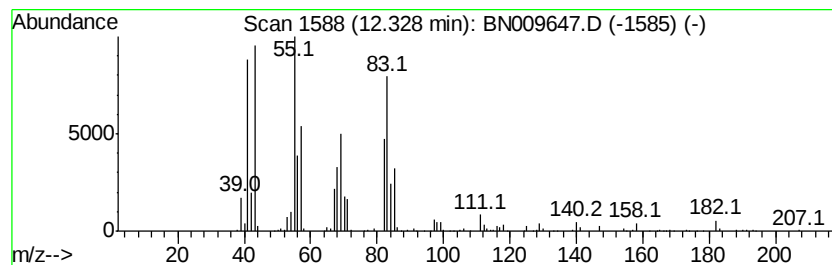
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	6.40 ng/ul	1963760	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	64
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
4			Heptylcyclohexane	182	C13H26	005617-41-4	59
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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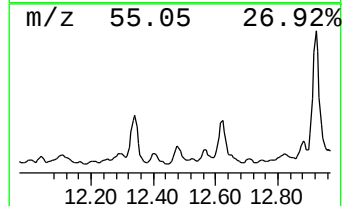
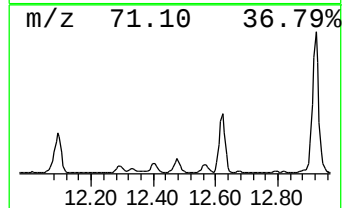
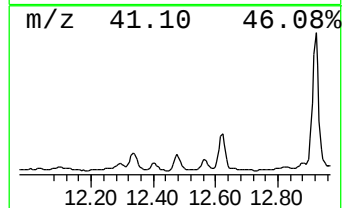
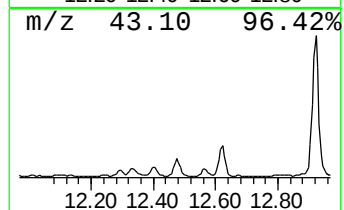
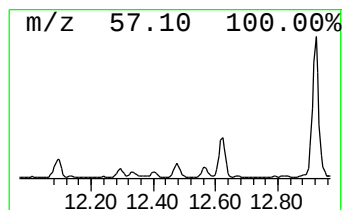
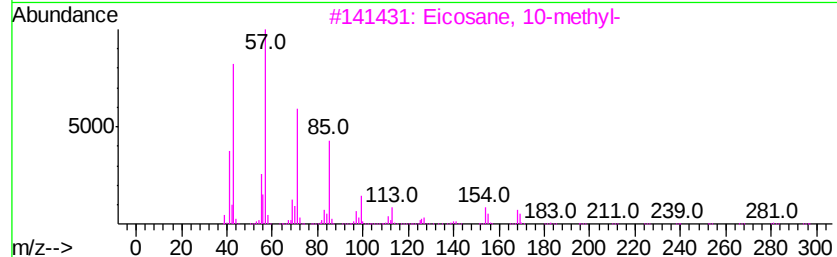
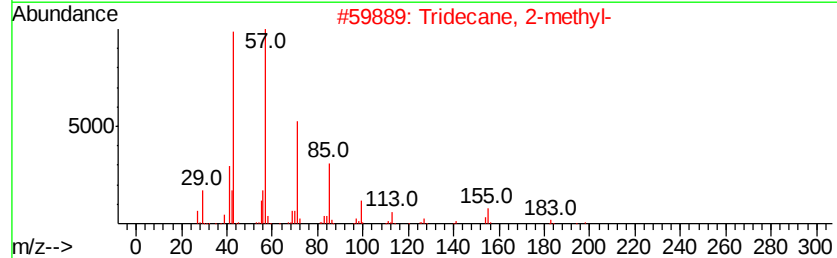
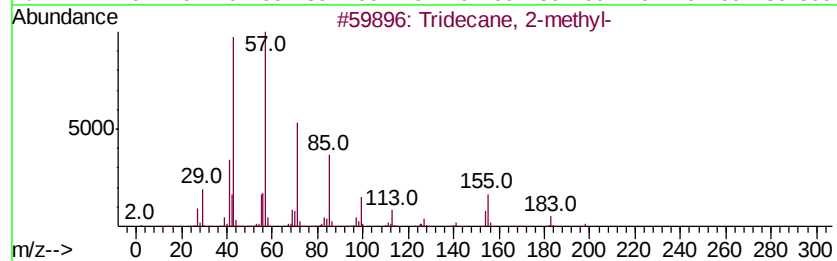
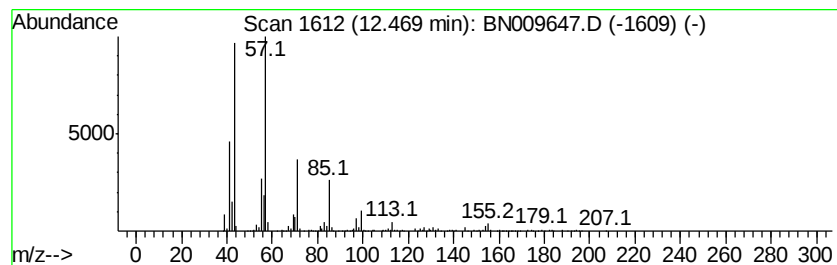
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.14 ng/ul	1885750	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4			Hydroxylamine, 0-decyl-	173	C10H23NO	029812-79-1	64
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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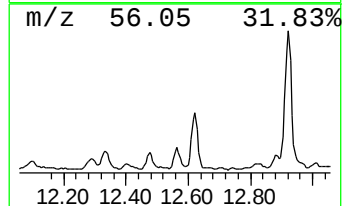
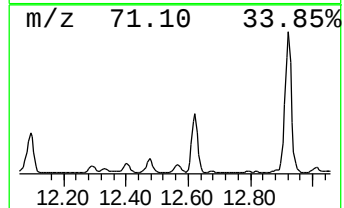
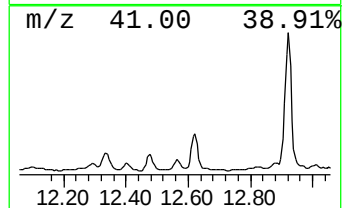
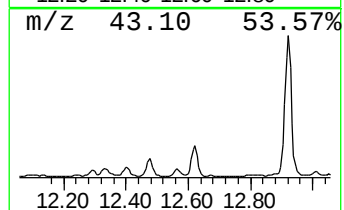
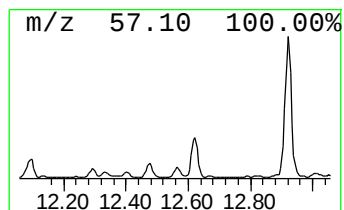
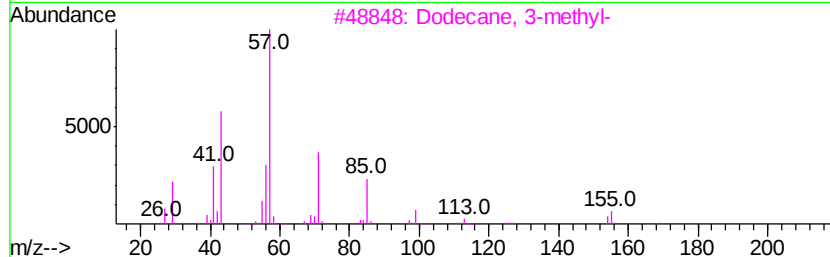
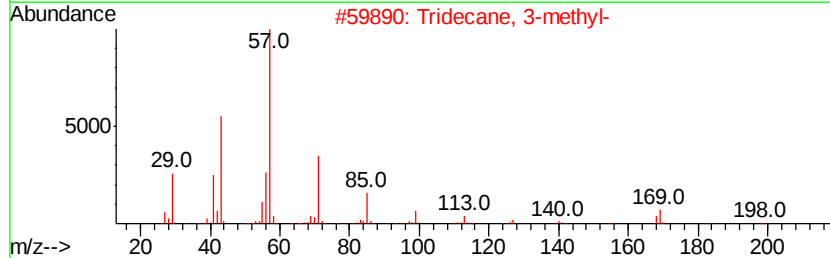
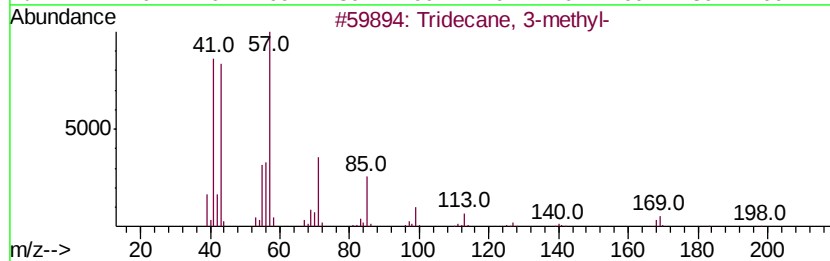
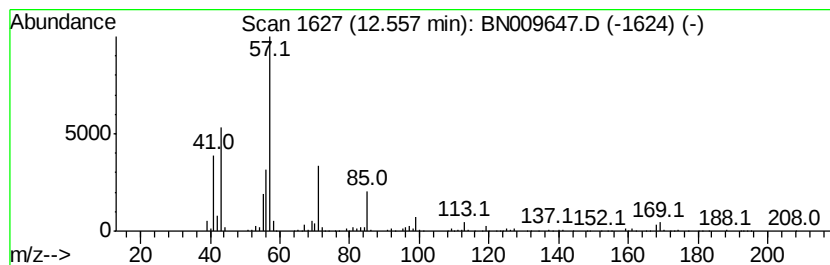
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.99 ng/ul	1226540	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
5			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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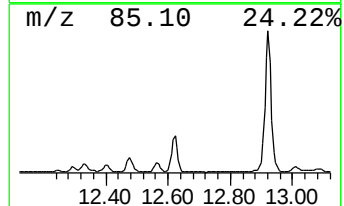
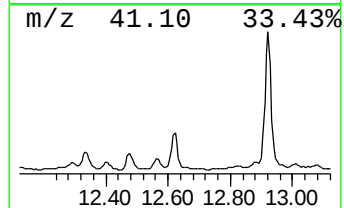
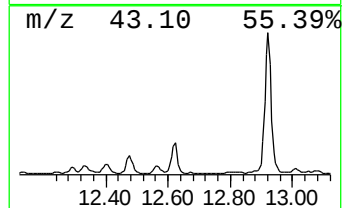
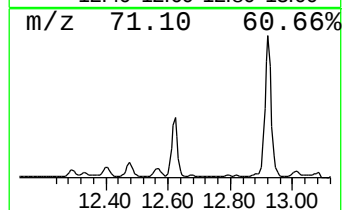
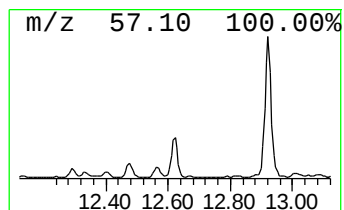
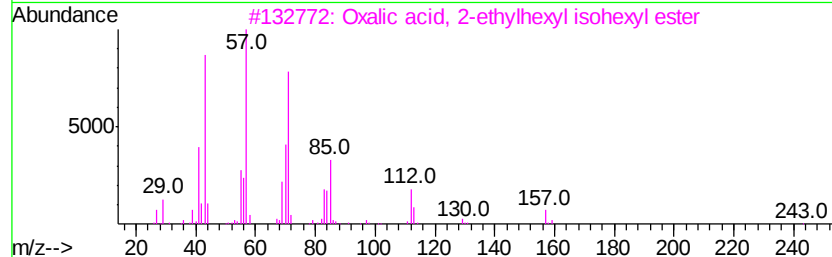
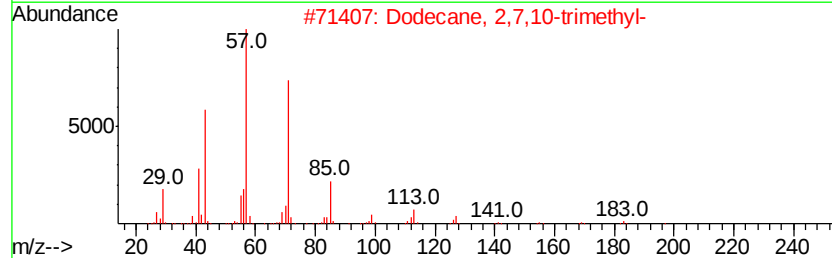
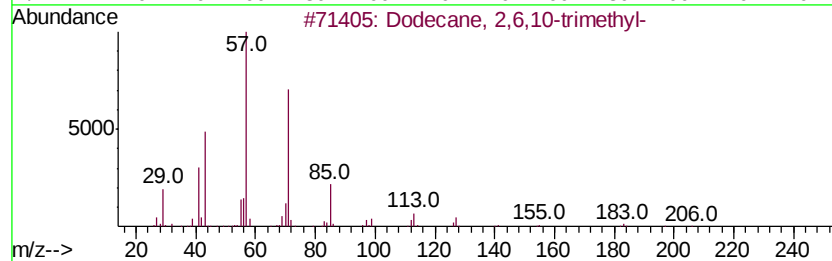
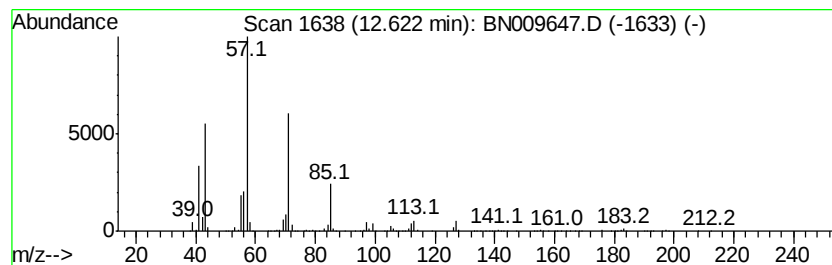
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	14.28 ng/ul	4385150	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	59
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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Acq On : 07 Feb 2020 14:24
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Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

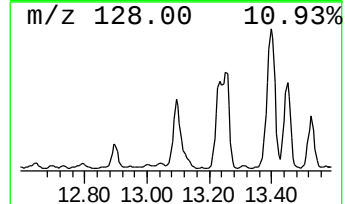
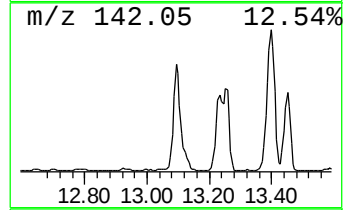
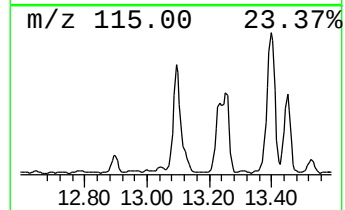
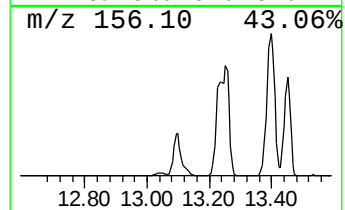
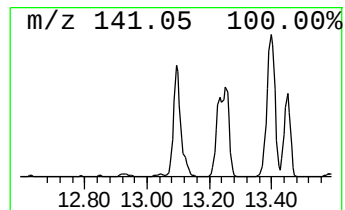
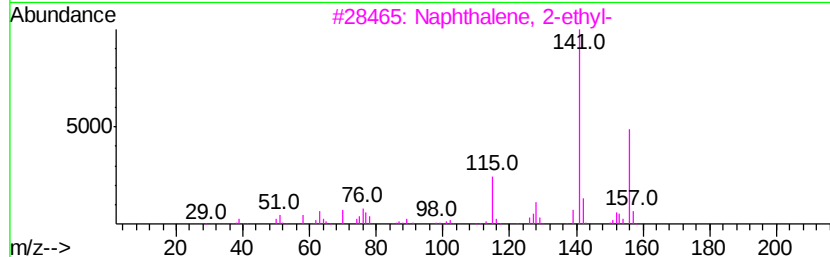
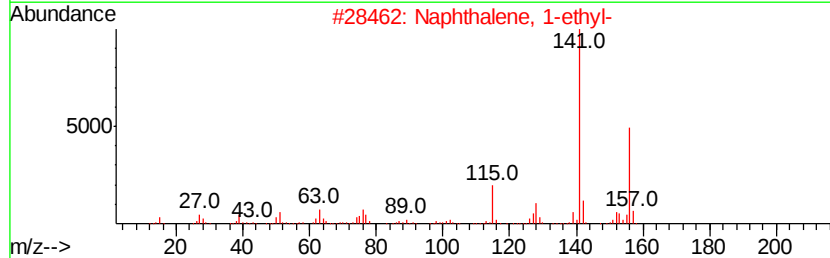
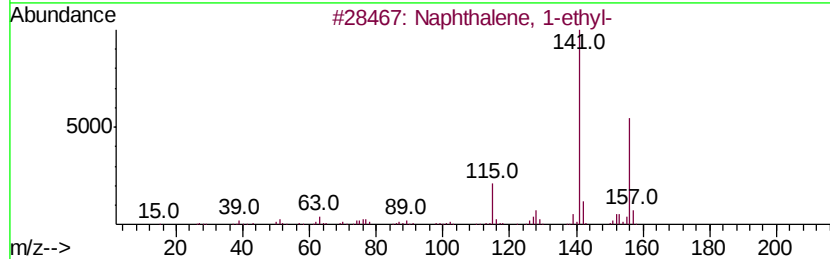
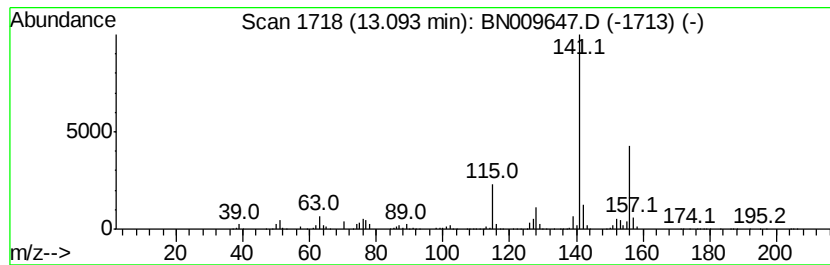
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	26.63 ng/ul	8176400	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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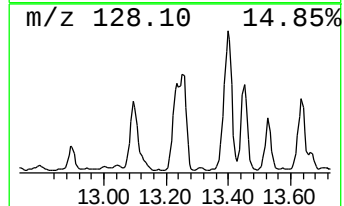
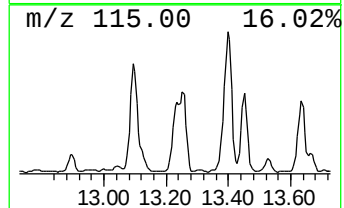
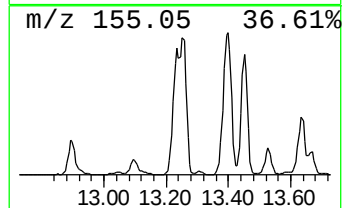
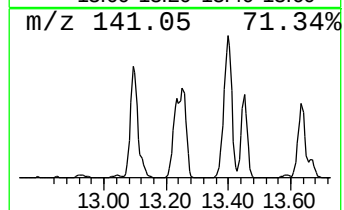
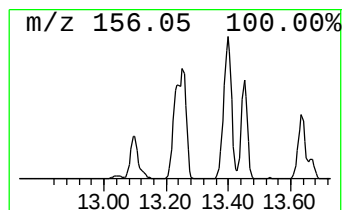
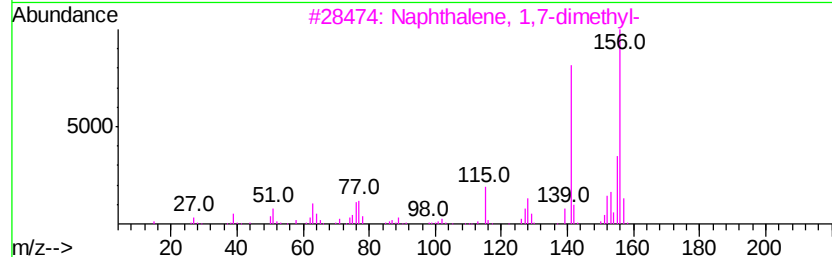
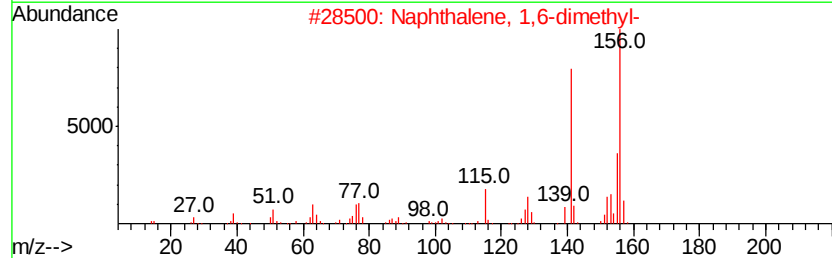
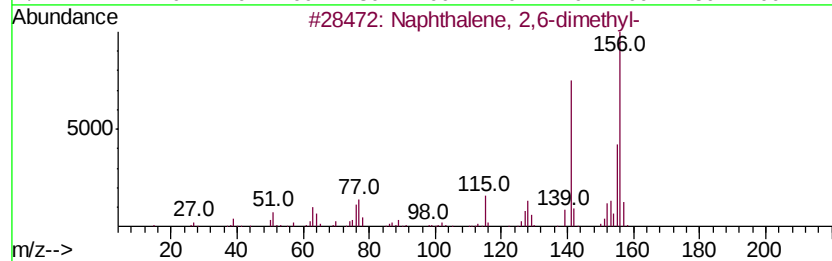
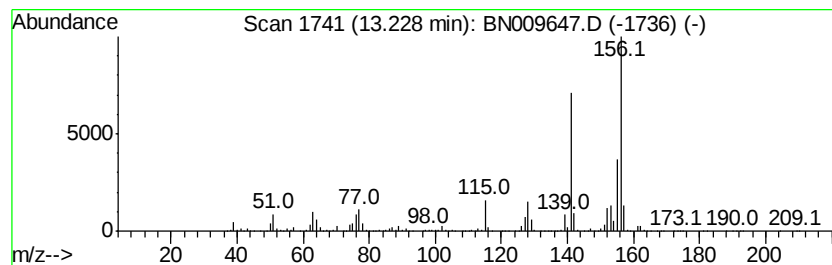
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	24.98 ng/ul	7669180	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

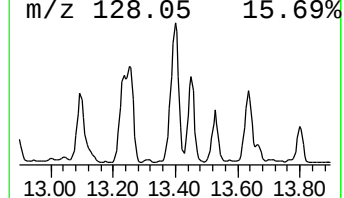
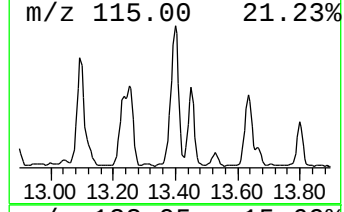
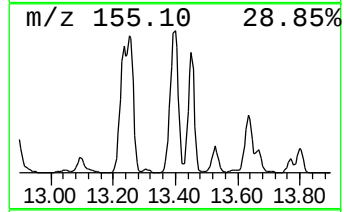
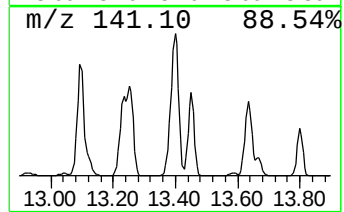
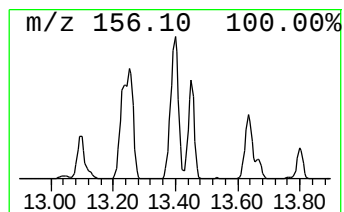
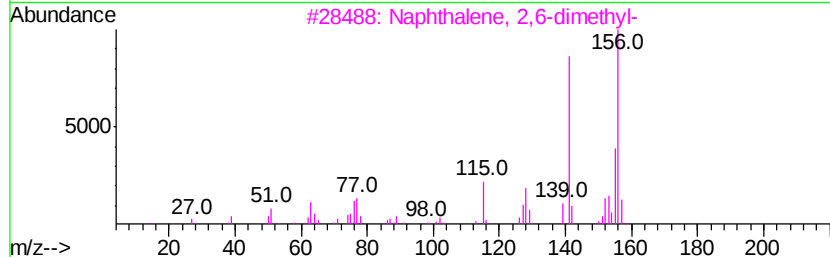
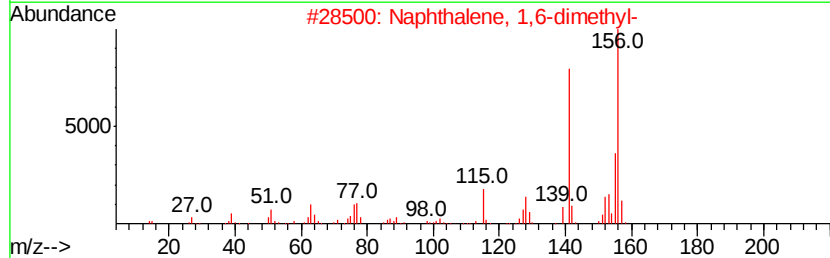
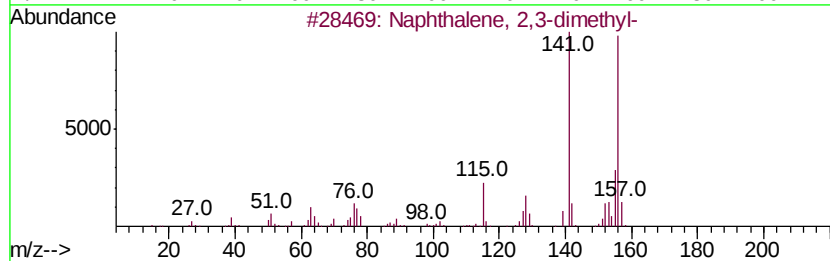
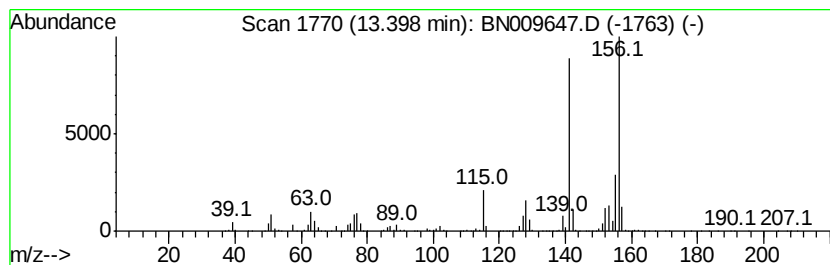
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	46.65 ng/ul	14323200	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

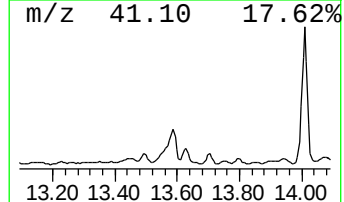
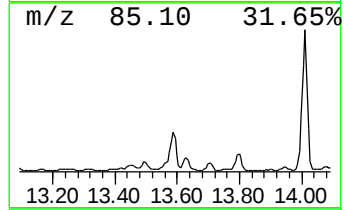
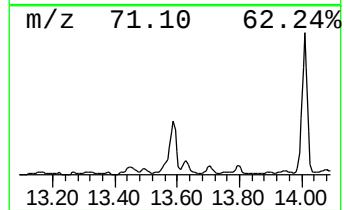
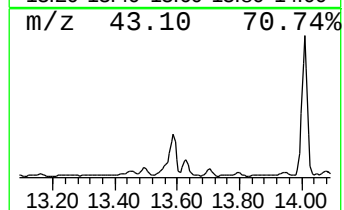
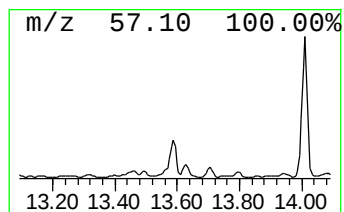
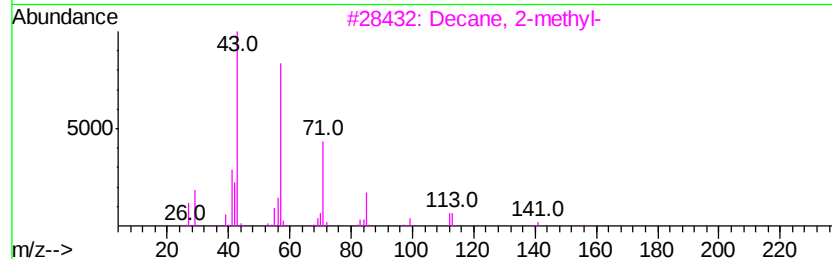
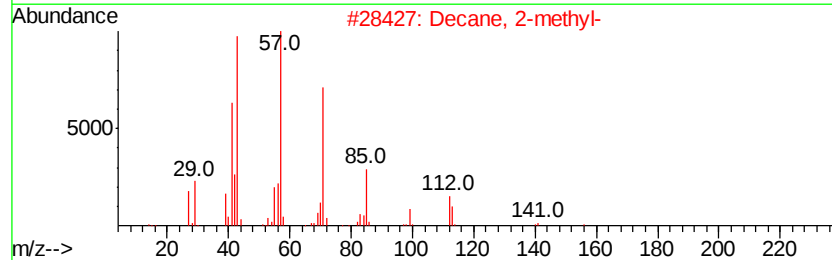
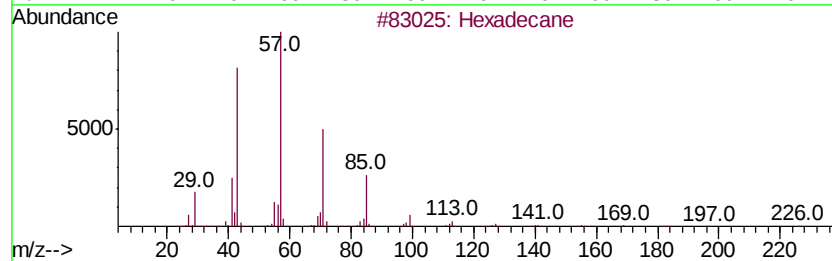
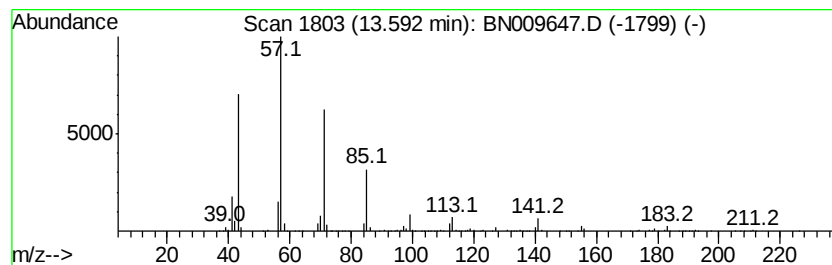
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.91 ng/ul	3044120	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Decane, 2-methyl-	156	C11H24	006975-98-0	80
3			Decane, 2-methyl-	156	C11H24	006975-98-0	80
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5			Decane, 3-methyl-	156	C11H24	013151-34-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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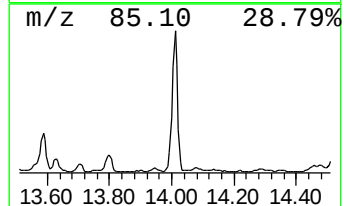
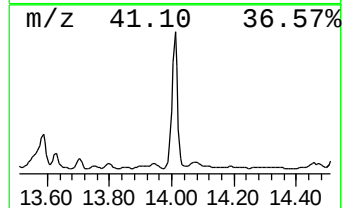
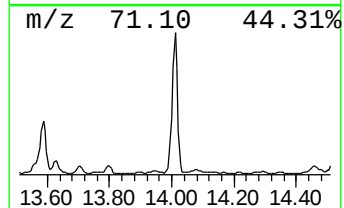
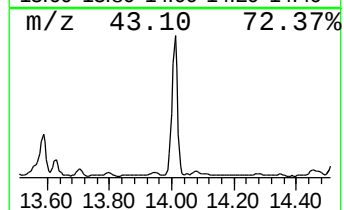
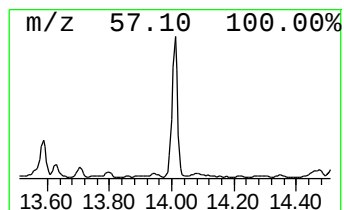
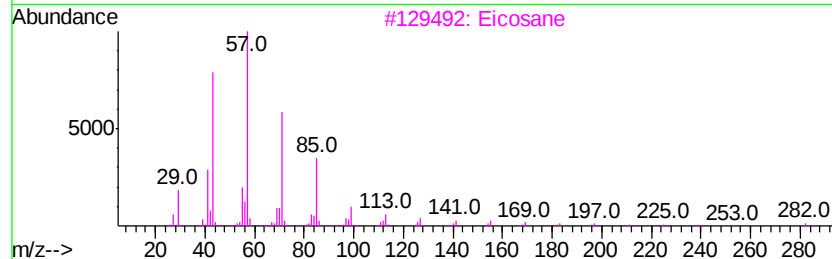
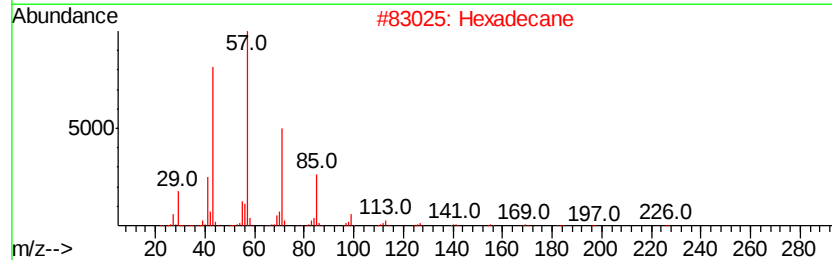
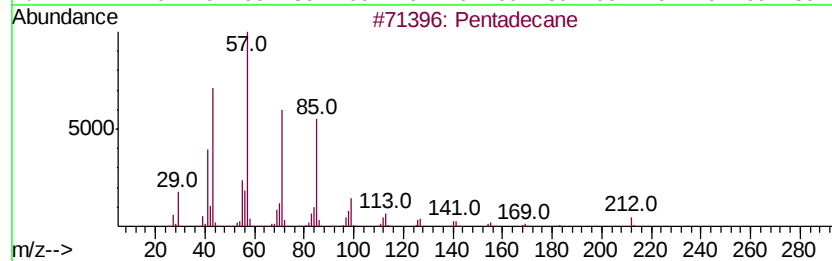
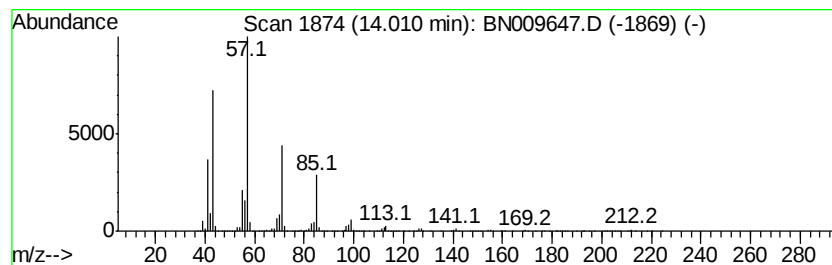
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	39.69 ng/ul	12188800	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Eicosane	282	C20H42	000112-95-8	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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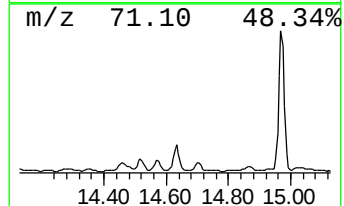
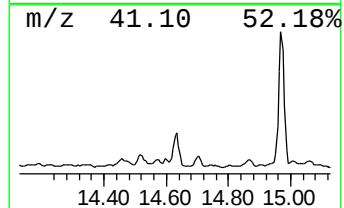
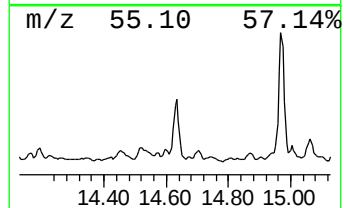
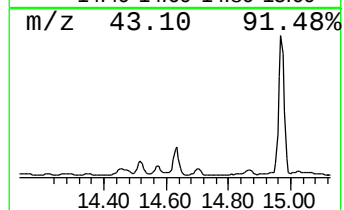
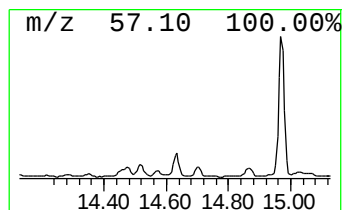
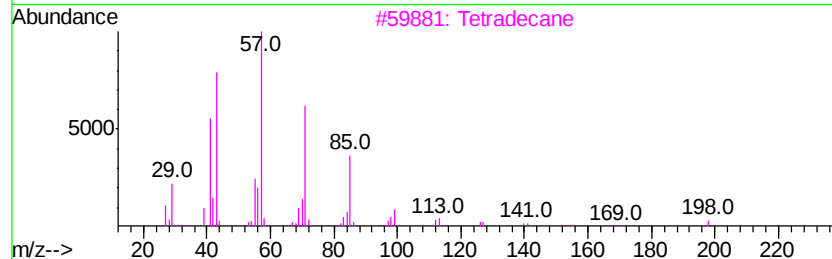
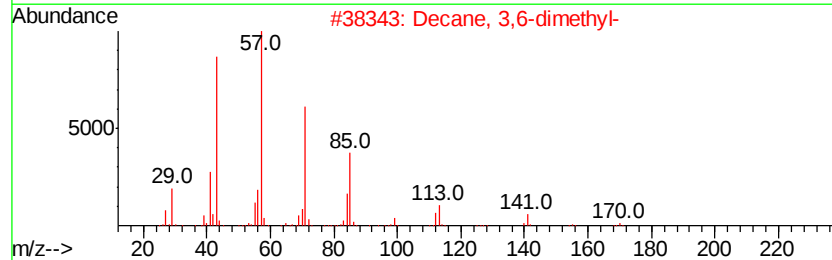
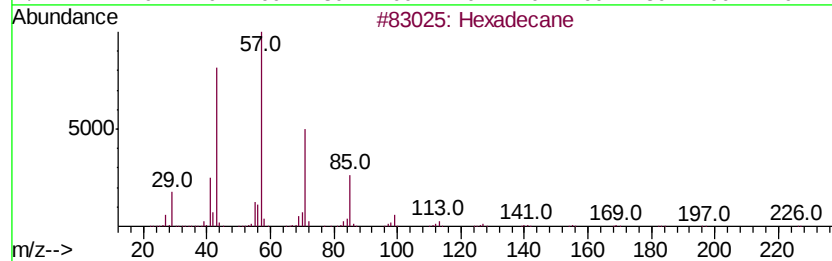
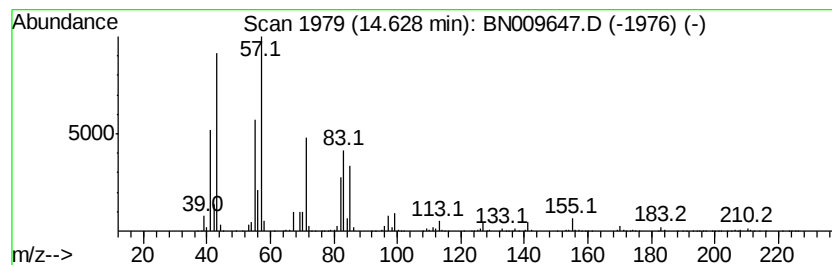
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.97 ng/ul	2448740	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	60
3			Tetradecane	198	C14H30	000629-59-4	55
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
5			Decane, 2-methyl-	156	C11H24	006975-98-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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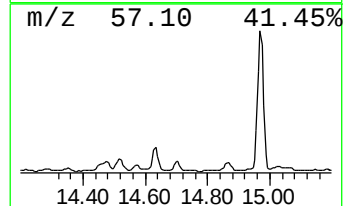
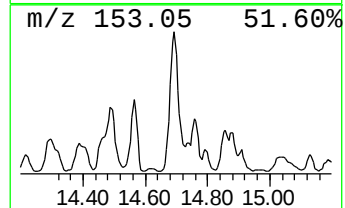
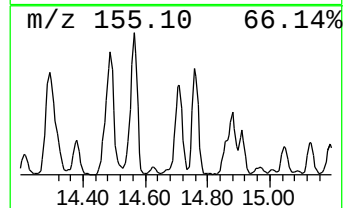
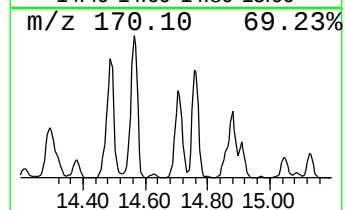
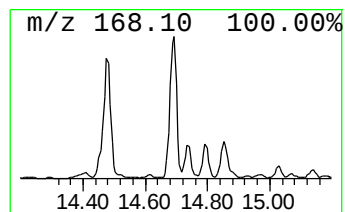
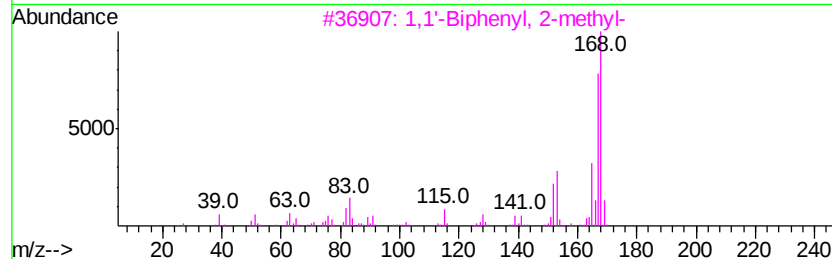
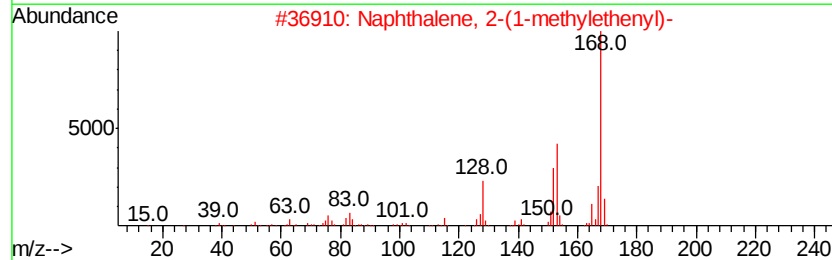
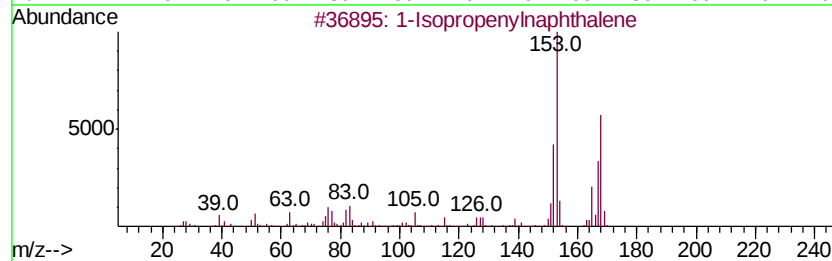
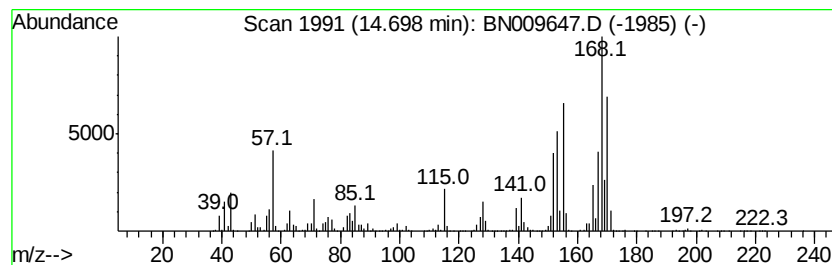
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1-Isopropenylnaphthalene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	17.13 ng/ul	5259280	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	50
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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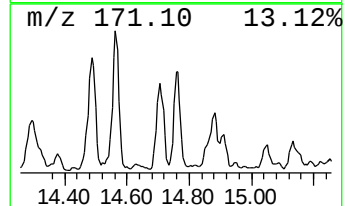
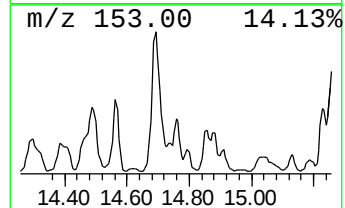
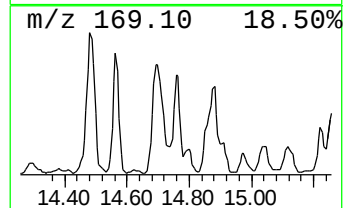
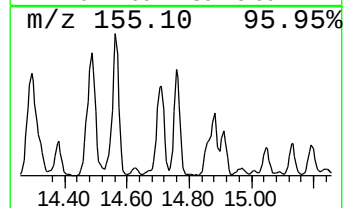
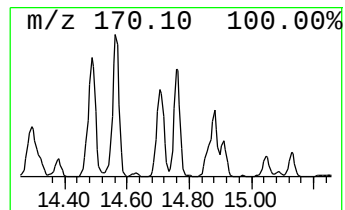
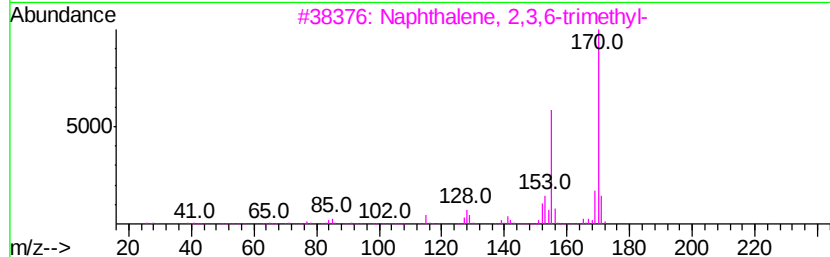
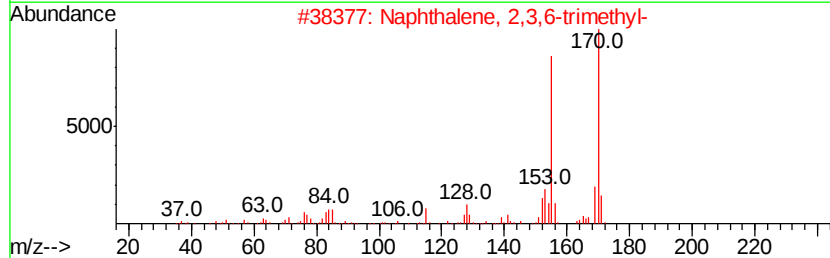
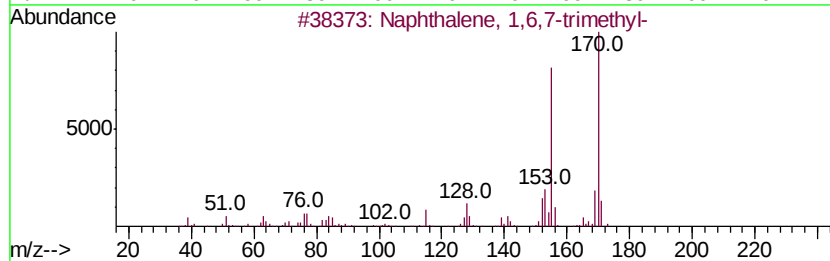
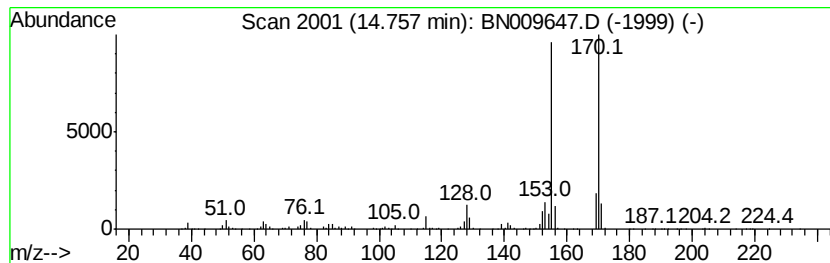
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Naphthalene, 1,6,7-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.26 ng/ul	1616410	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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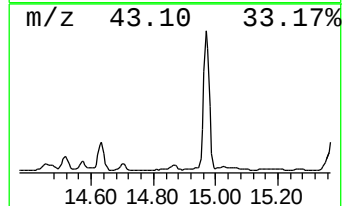
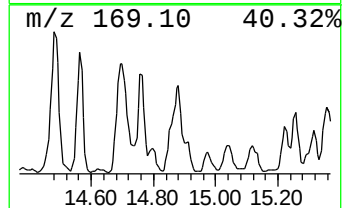
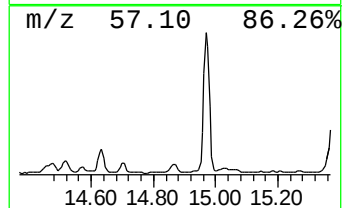
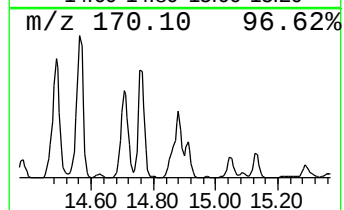
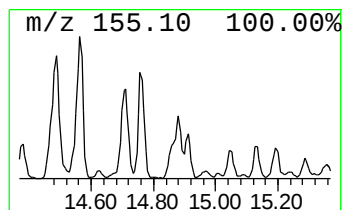
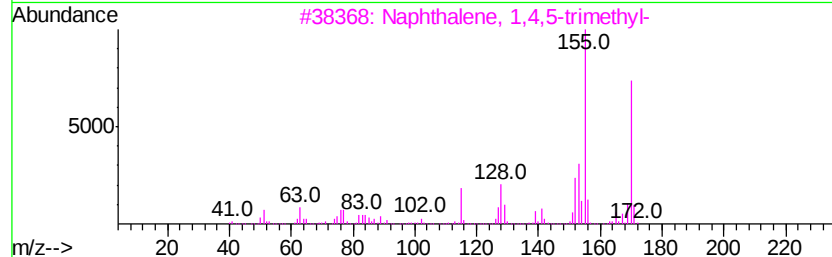
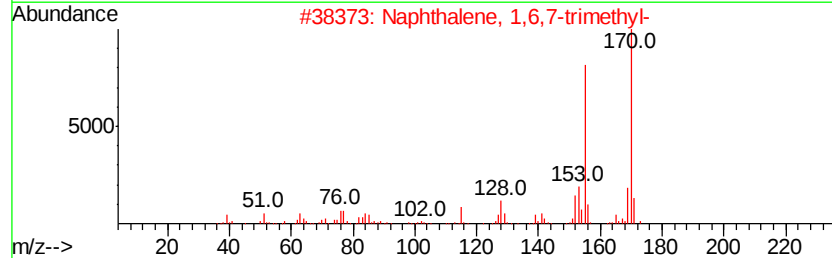
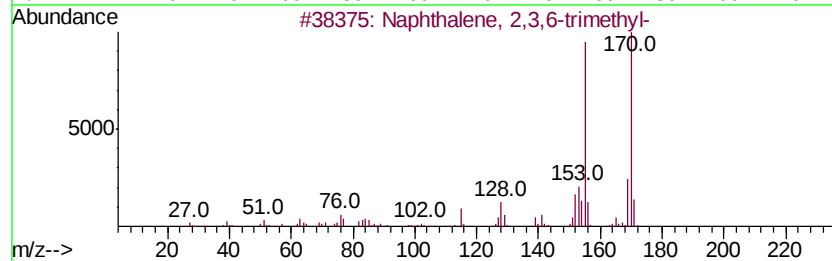
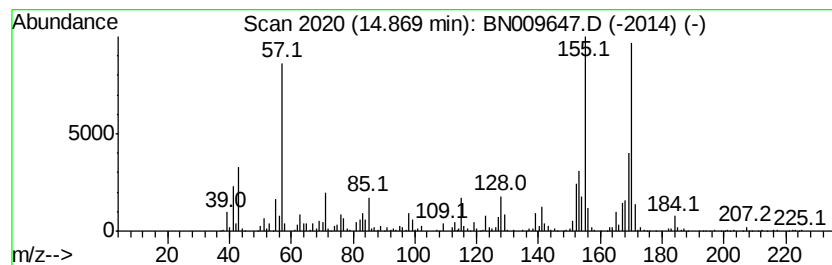
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.32 ng/ul	2862560	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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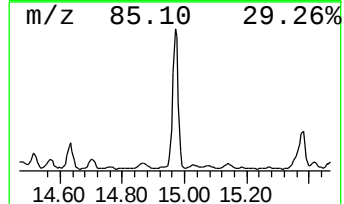
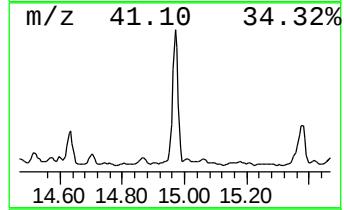
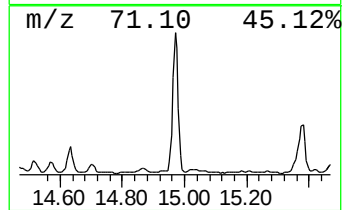
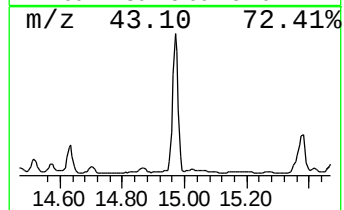
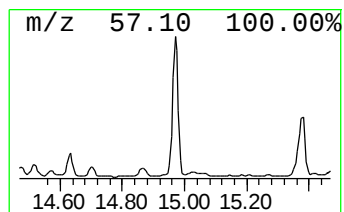
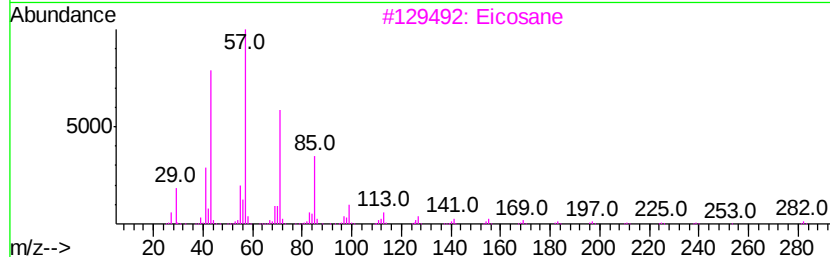
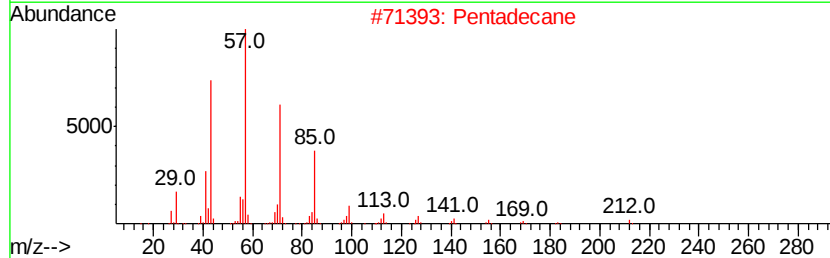
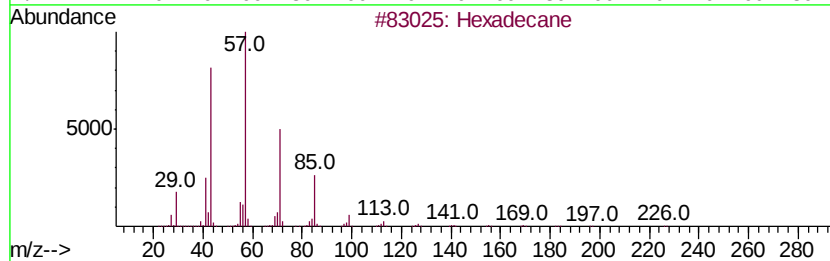
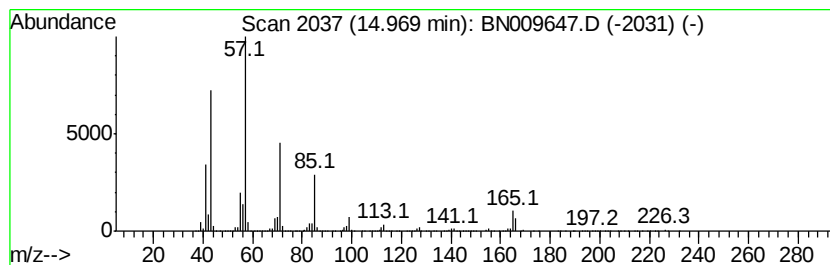
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	39.28 ng/ul	12060300	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	83
2		Pentadecane	212	C15H32	000629-62-9	80
3		Eicosane	282	C20H42	000112-95-8	80
4		Hexadecane	226	C16H34	000544-76-3	70
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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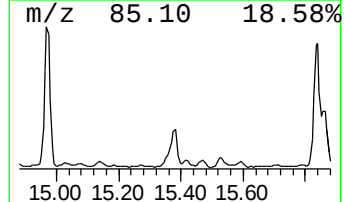
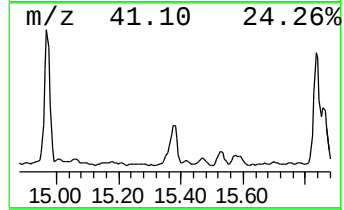
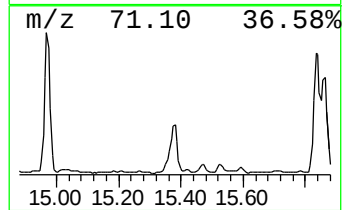
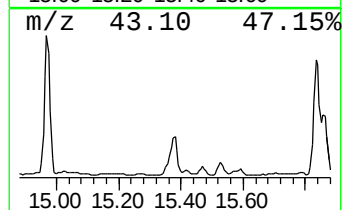
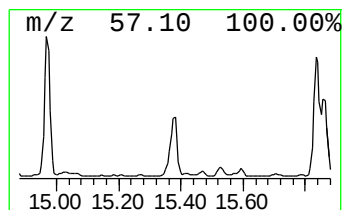
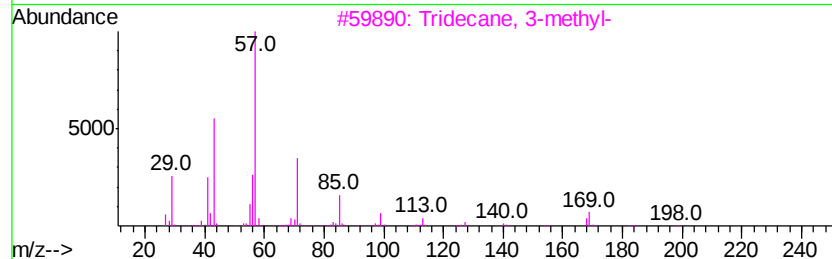
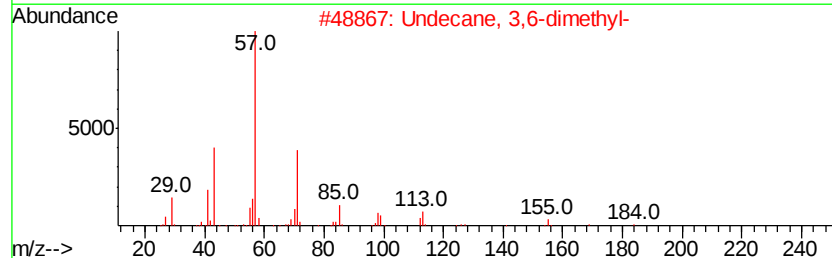
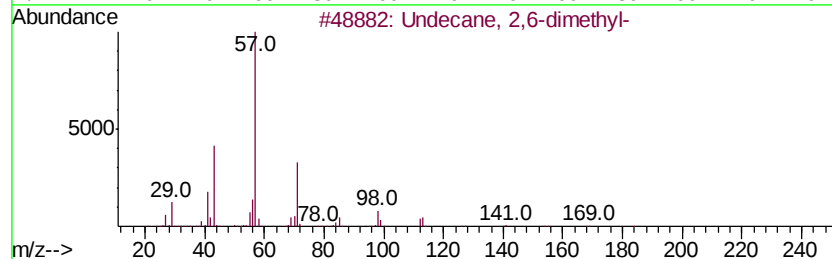
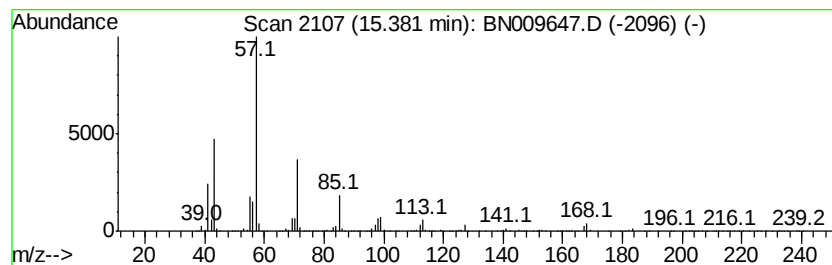
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	19.92 ng/ul	6115880	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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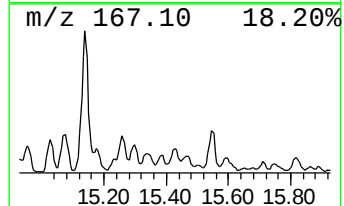
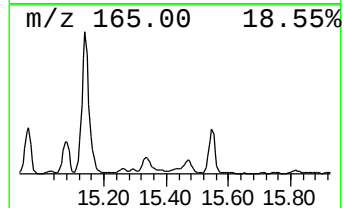
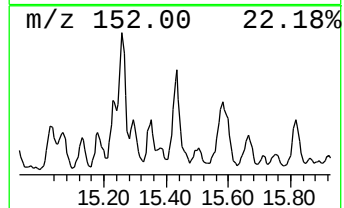
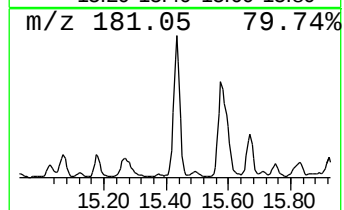
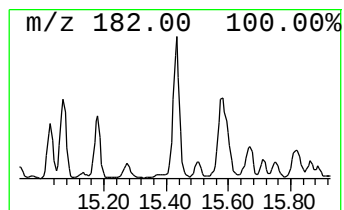
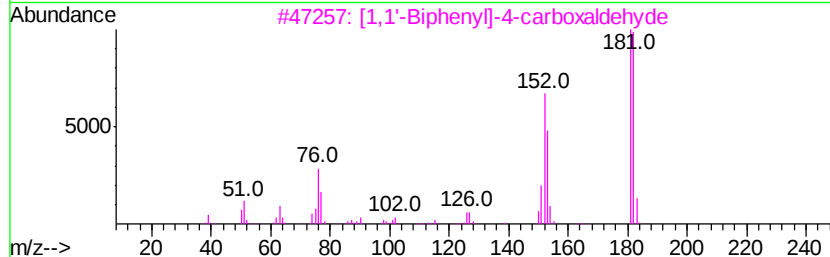
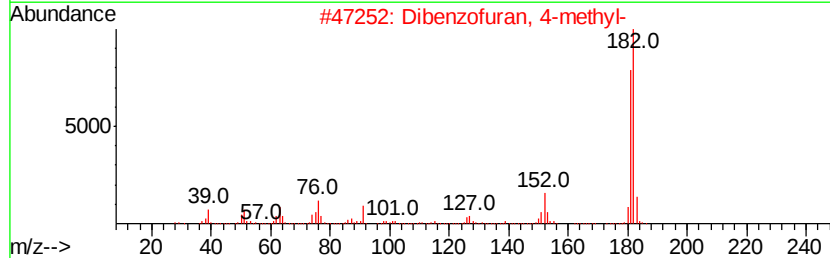
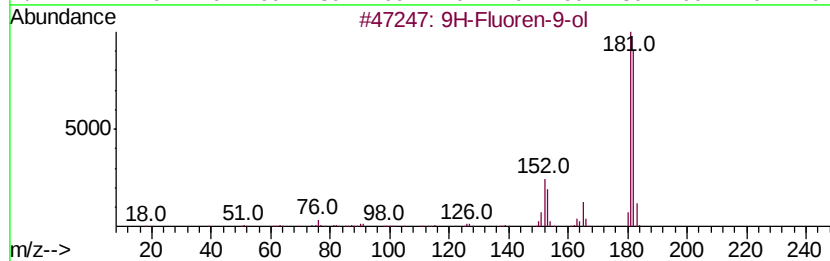
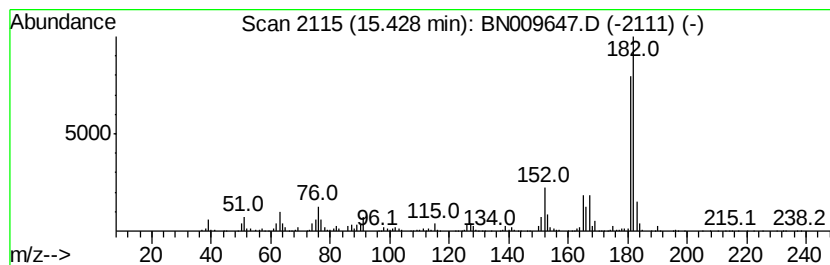
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 9H-Fluoren-9-ol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.08 ng/ul	1865940	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4			2-Hydroxyfluorene	182	C13H10O	002443-58-5	62
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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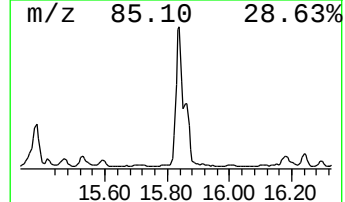
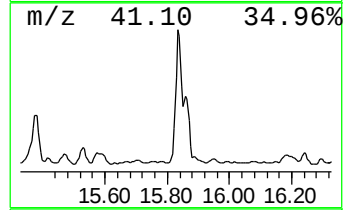
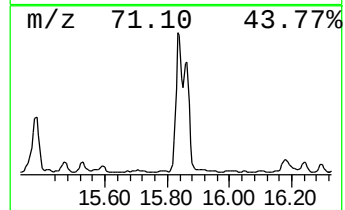
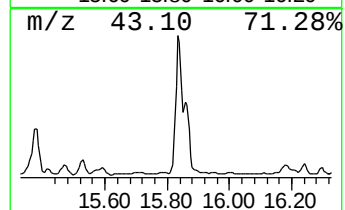
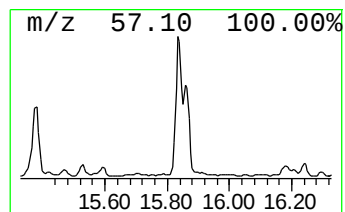
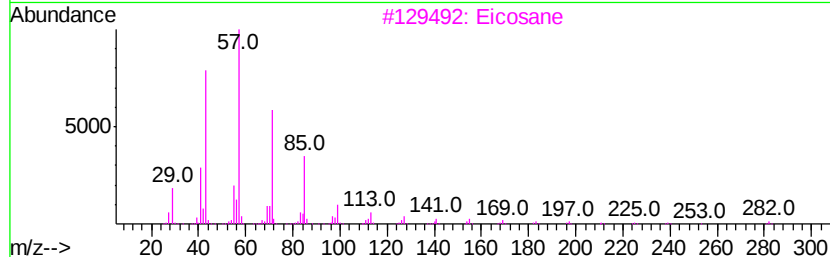
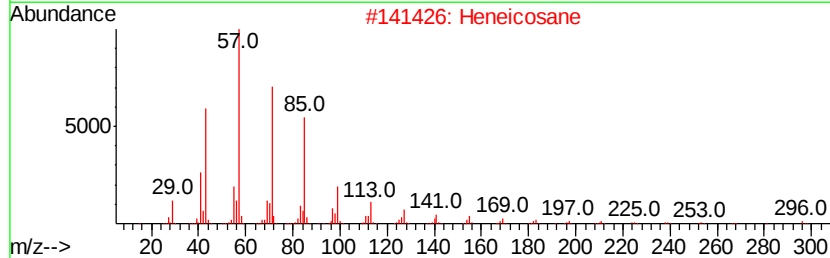
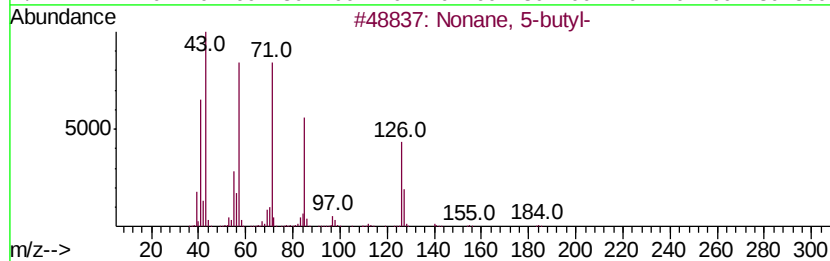
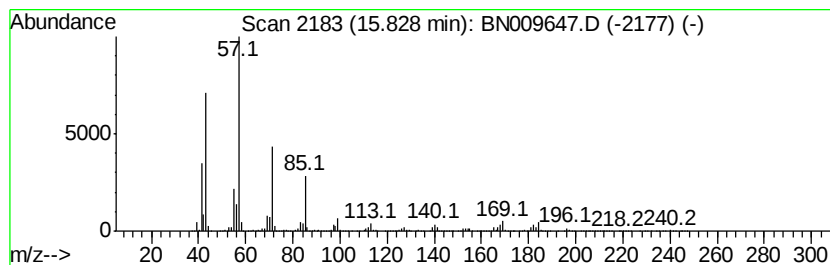
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	124.10 ng/ul	10617800	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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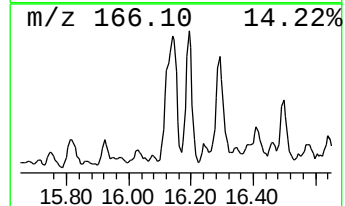
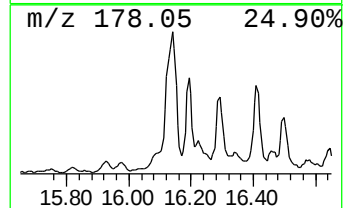
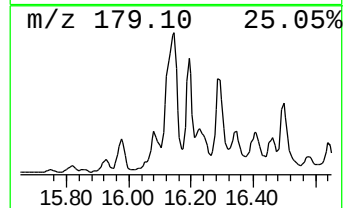
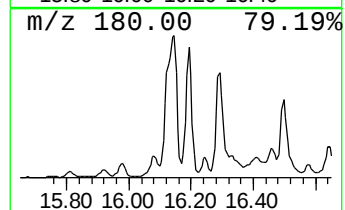
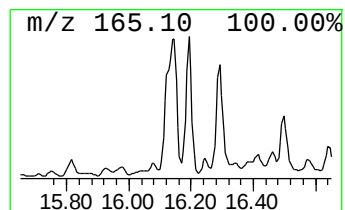
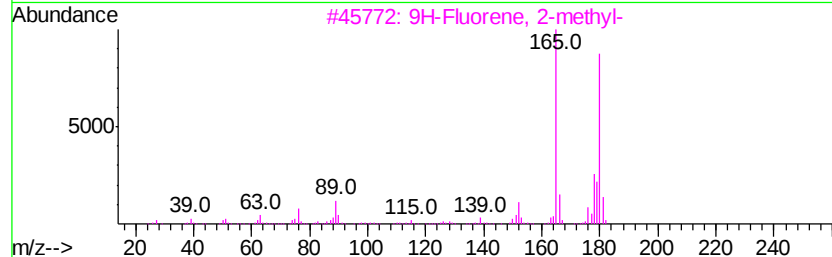
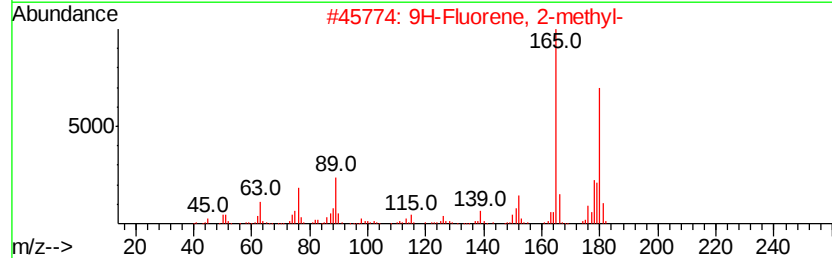
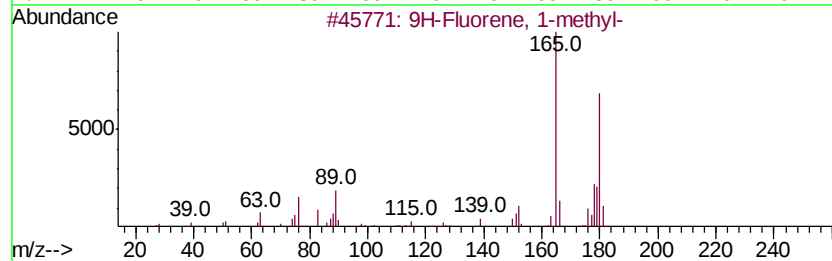
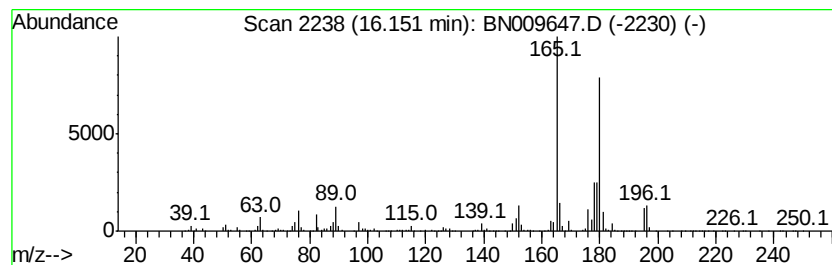
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	46.73 ng/ul	3998410	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

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ClientSampleId :
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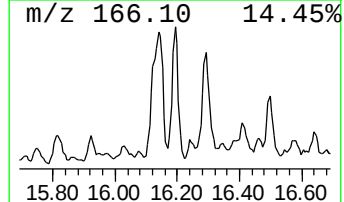
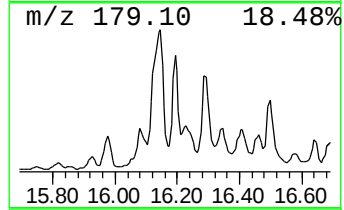
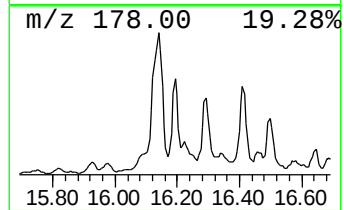
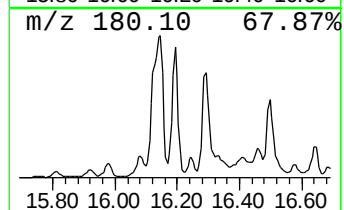
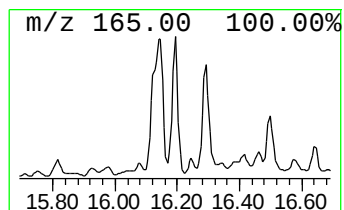
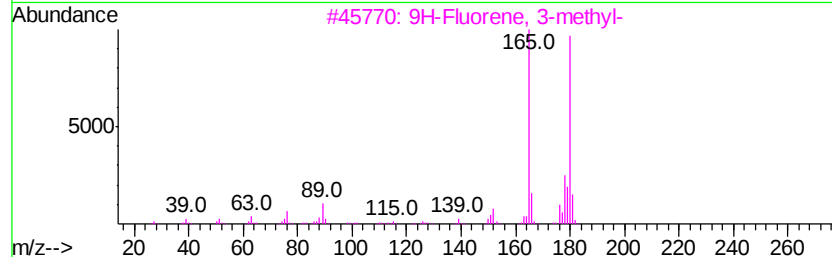
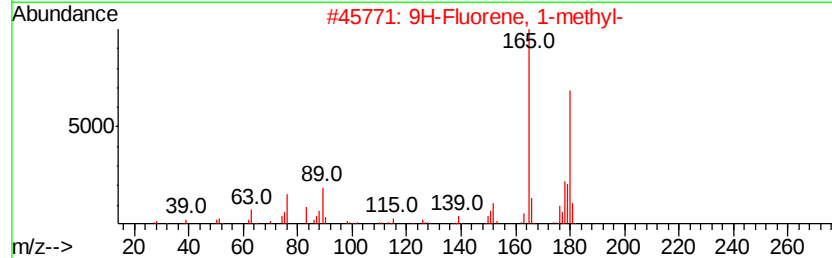
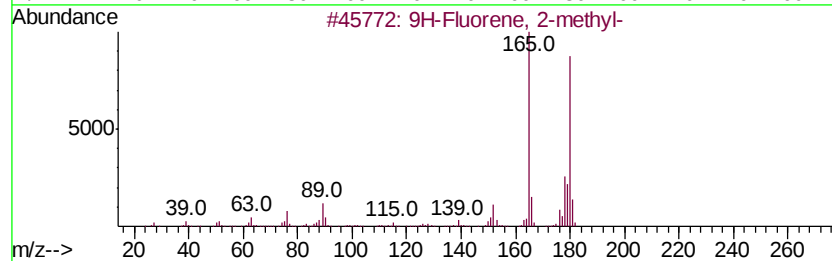
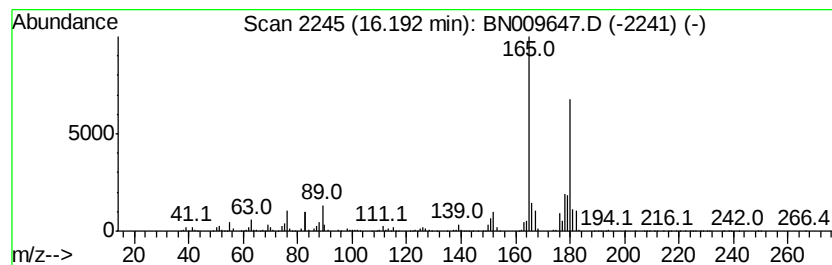
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	34.89 ng/ul	2985330	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

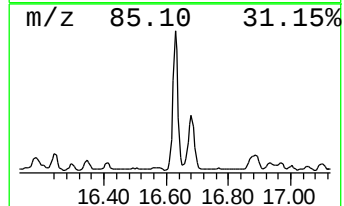
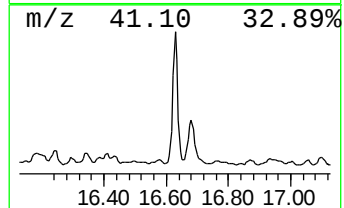
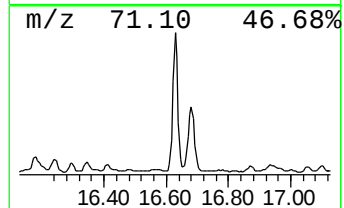
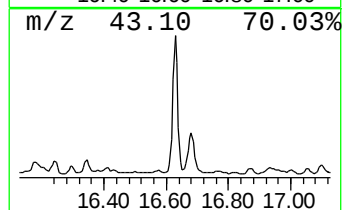
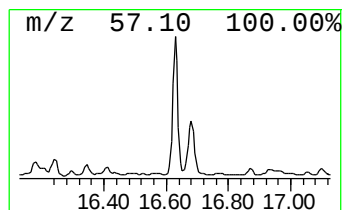
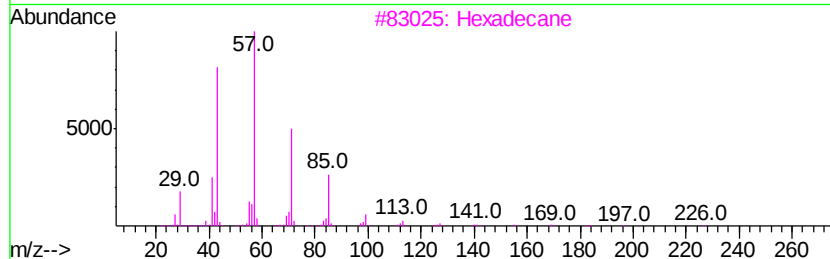
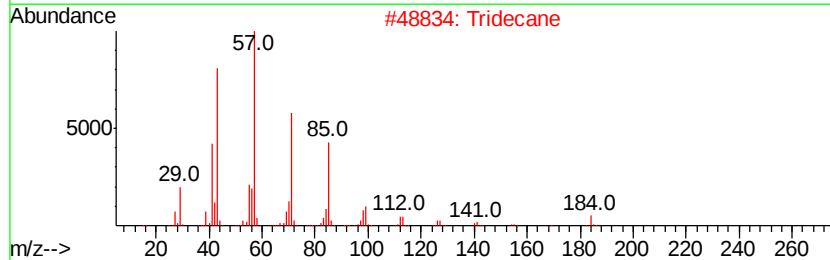
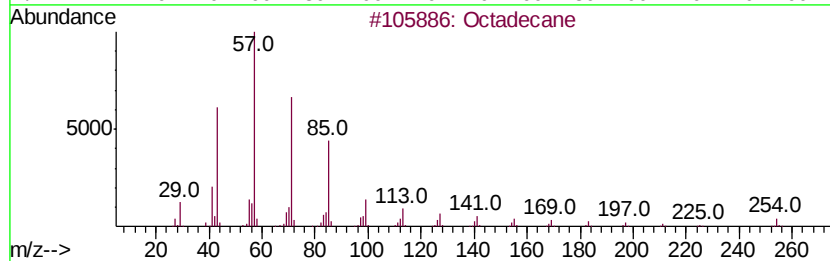
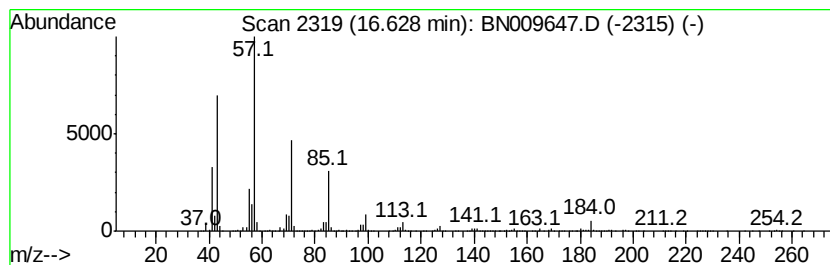
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	112.18 ng/ul	9597420	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	87
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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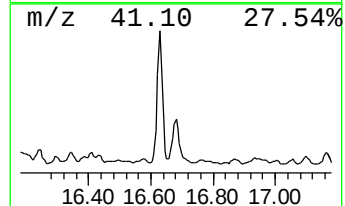
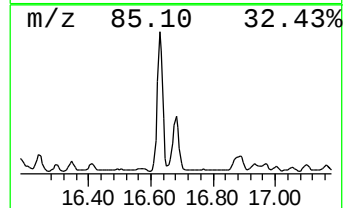
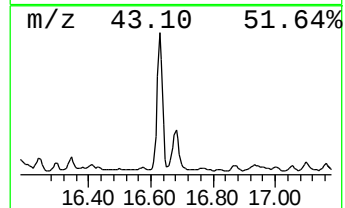
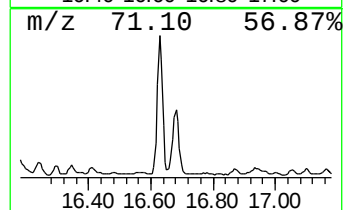
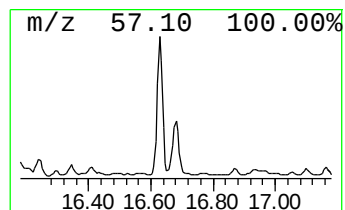
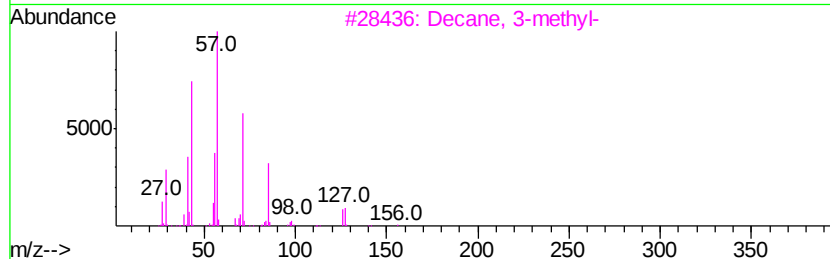
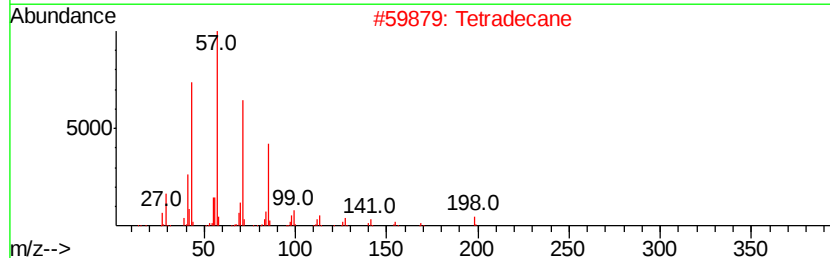
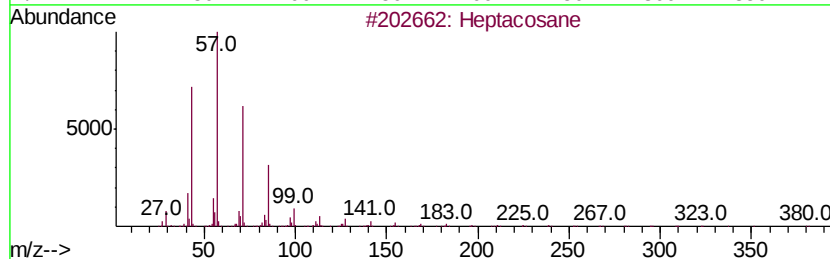
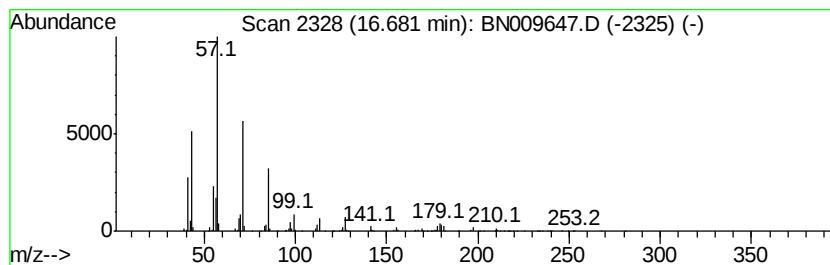
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	39.85 ng/ul	3409320	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Tetradecane	198	C14H30	000629-59-4	64
3		Decane, 3-methyl-	156	C11H24	013151-34-3	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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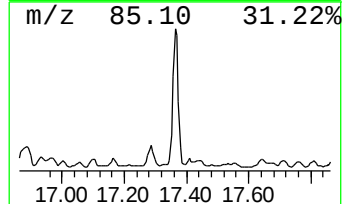
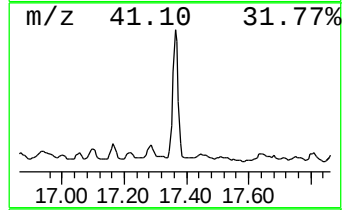
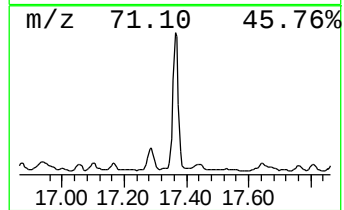
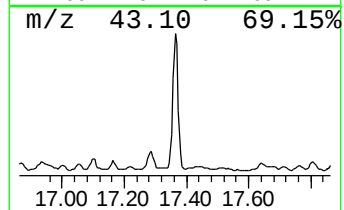
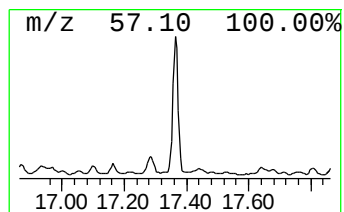
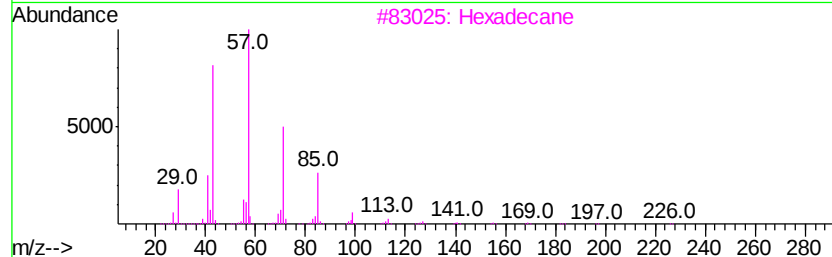
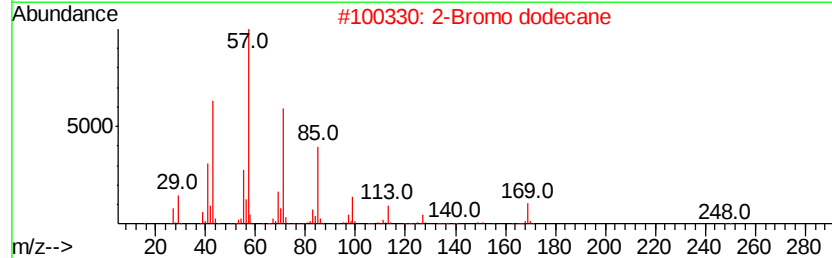
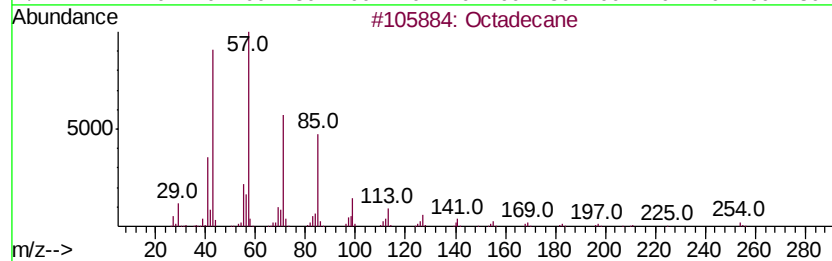
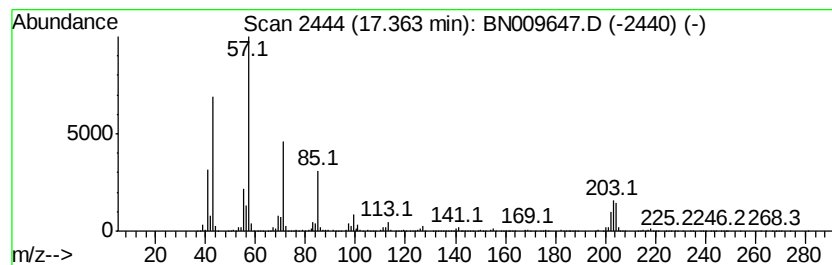
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	65.70 ng/ul	5620850	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	70
3		Hexadecane	226	C16H34	000544-76-3	68
4		Eicosane	282	C20H42	000112-95-8	64
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampled :
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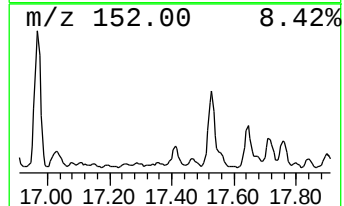
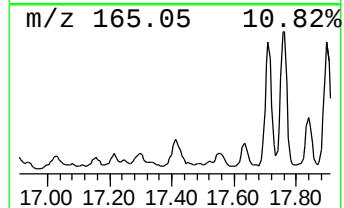
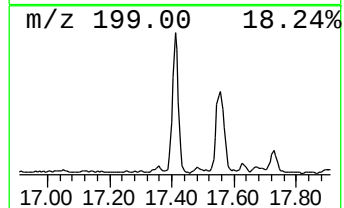
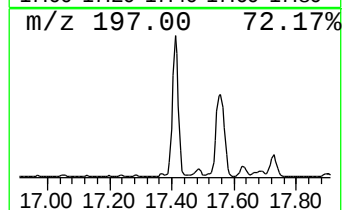
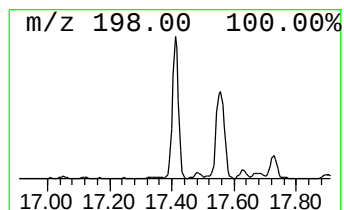
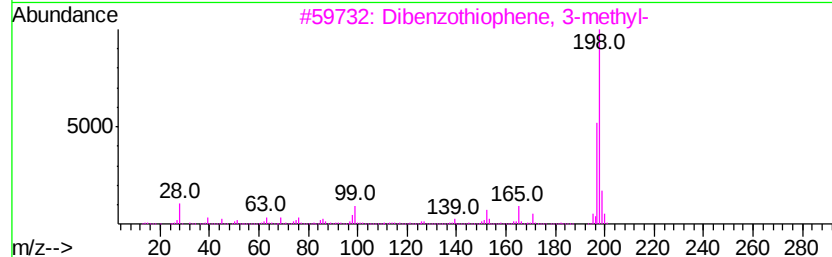
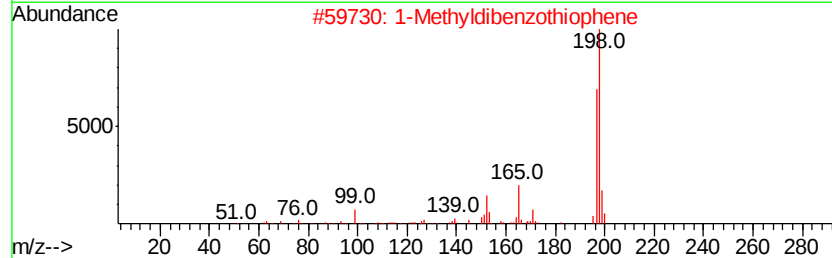
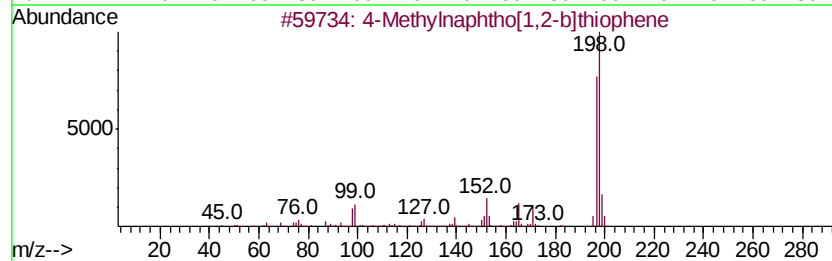
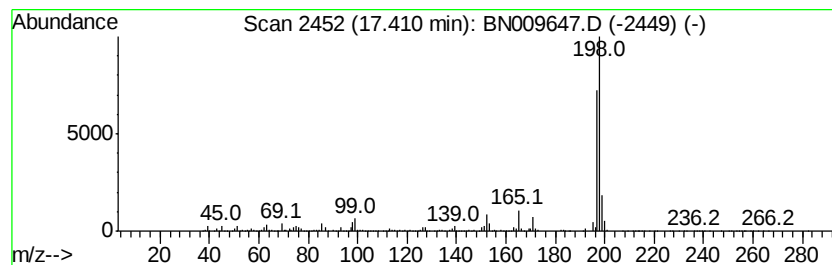
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	18.27 ng/ul	1563150	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
5		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

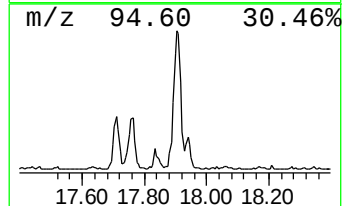
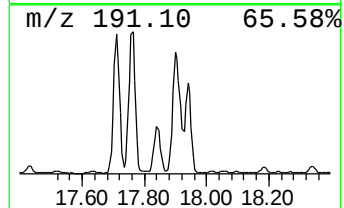
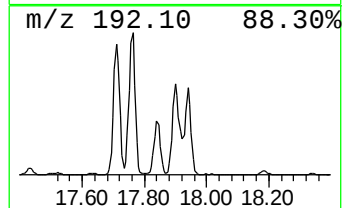
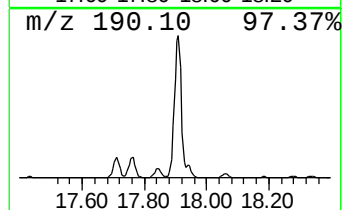
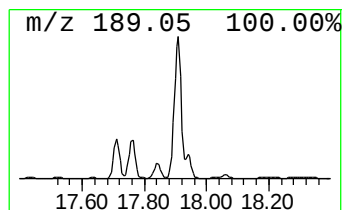
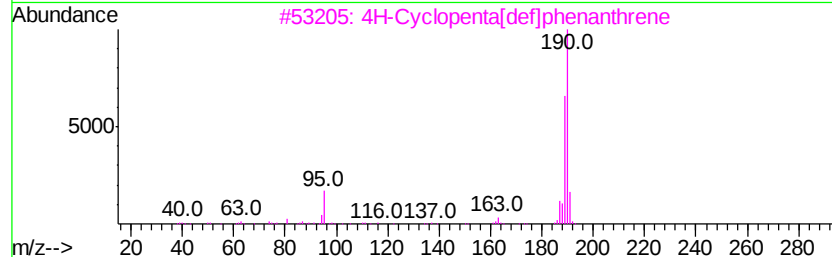
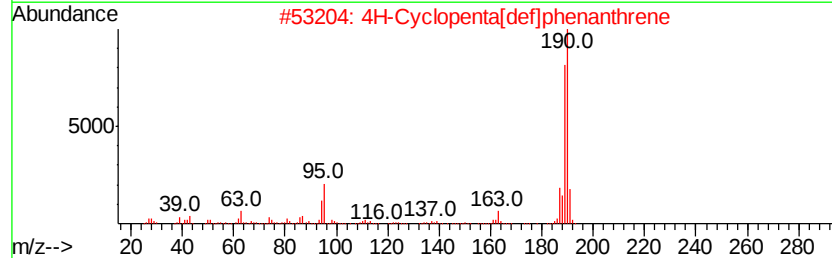
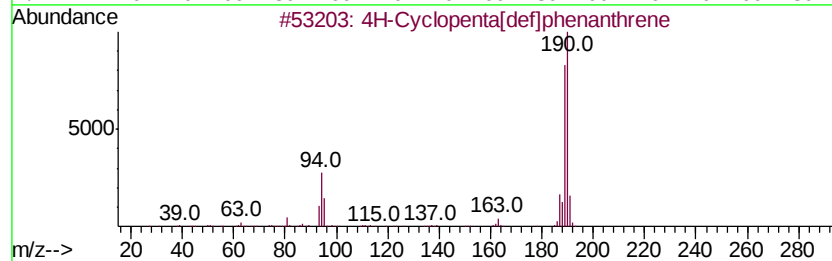
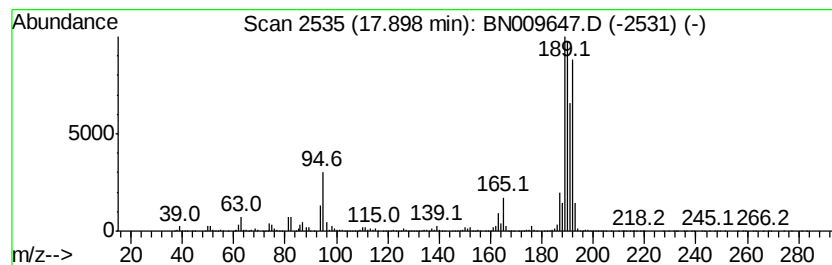
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.90	190.53 ng/ul	16300900	Phenanthrene-d10		16.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10		000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10		000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10		000203-64-5	47
4	Anthracene, 2-methyl-	192	C15H12		000613-12-7	25
5	Propyne, 1,3-diphenyl-	192	C15H12		004980-70-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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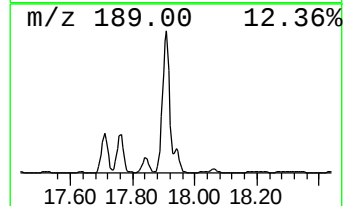
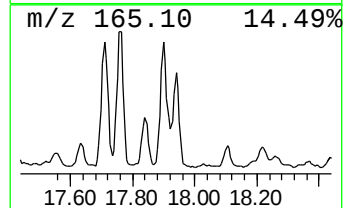
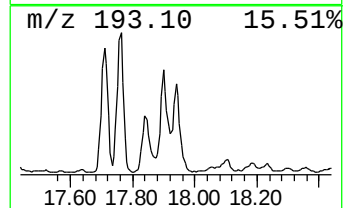
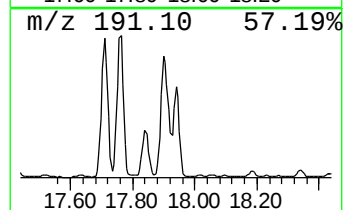
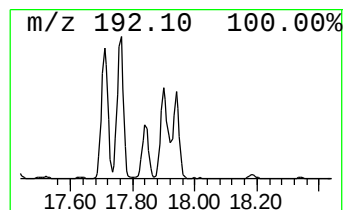
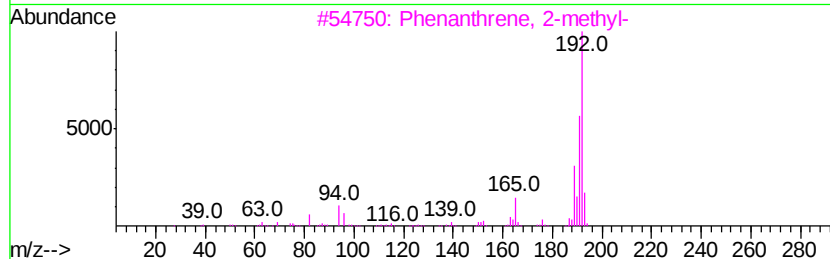
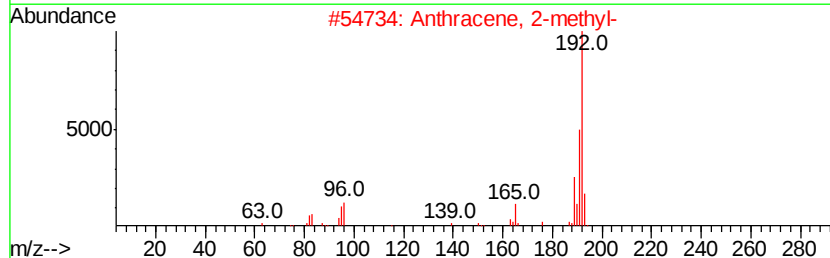
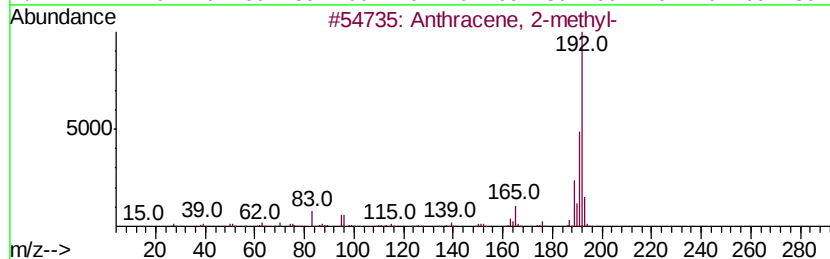
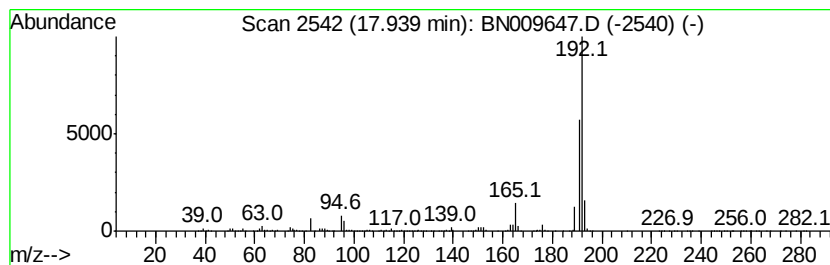
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	55.12 ng/ul	4716220	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

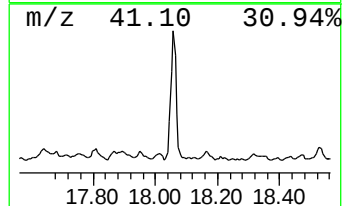
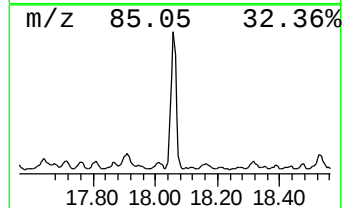
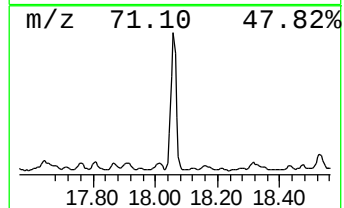
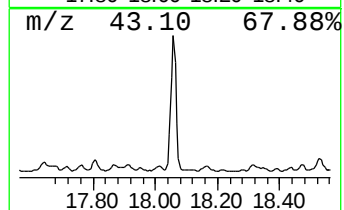
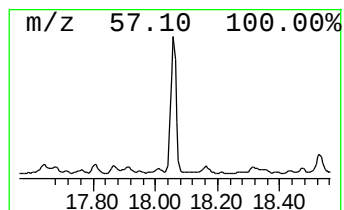
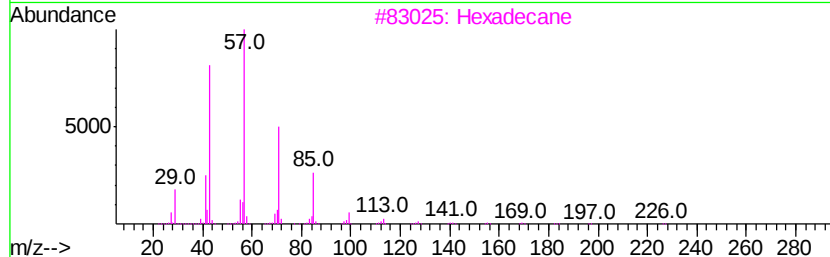
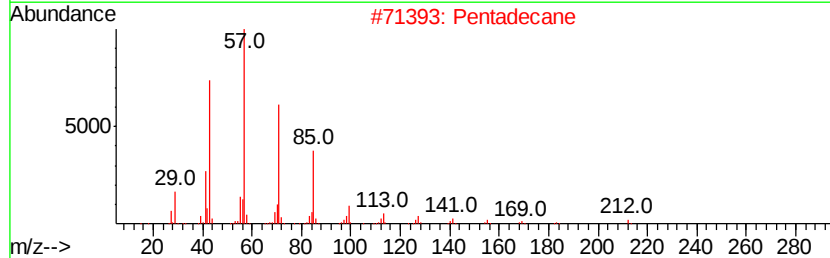
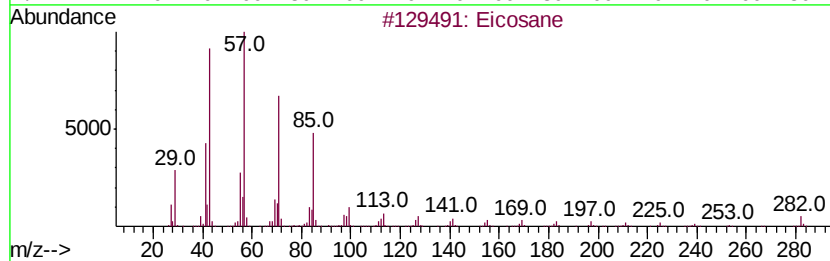
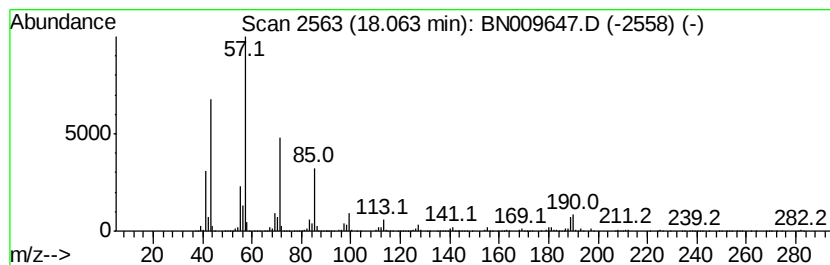
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	44.33 ng/ul	3792950	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Pentadecane	212	C15H32	000629-62-9	95
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

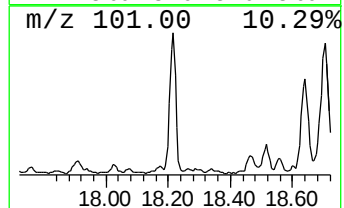
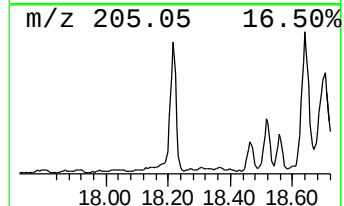
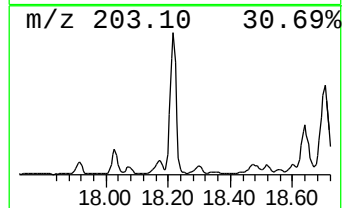
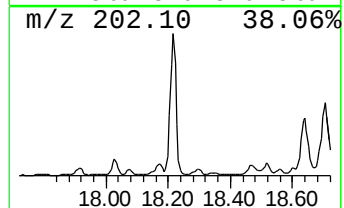
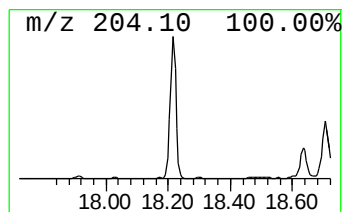
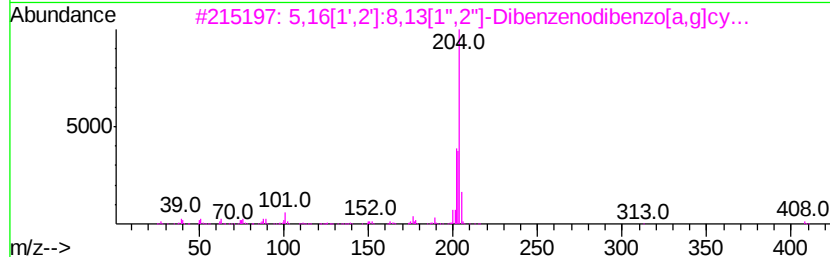
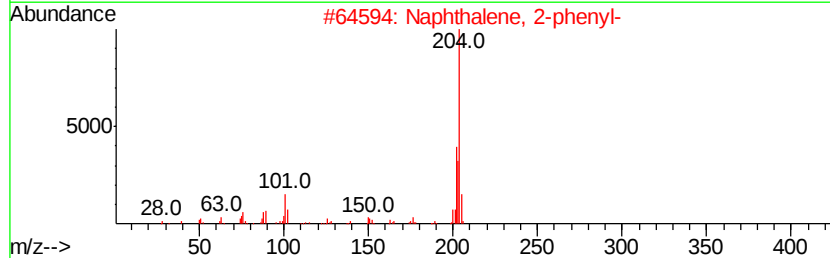
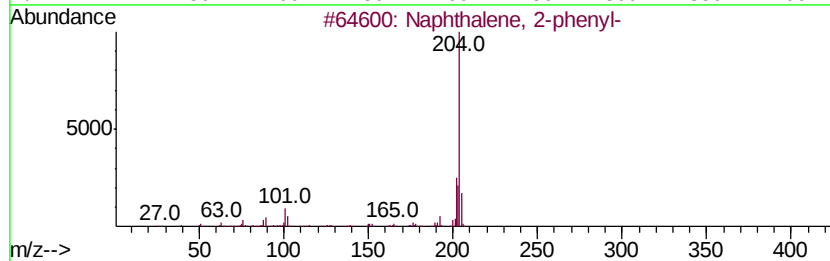
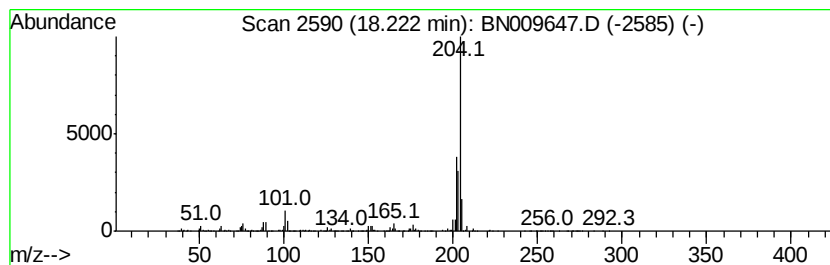
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	39.91 ng/ul	3414440	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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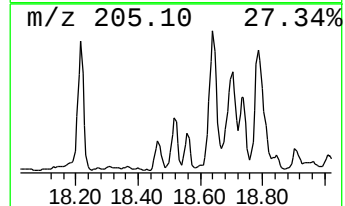
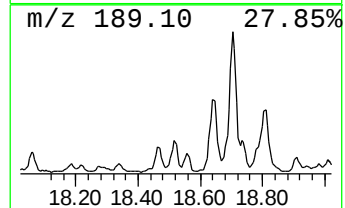
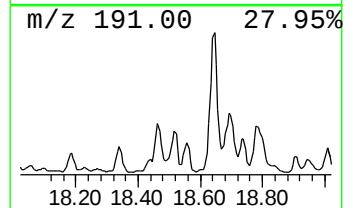
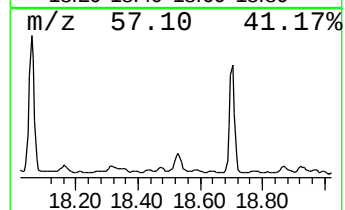
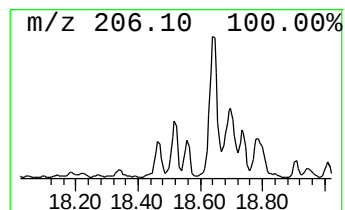
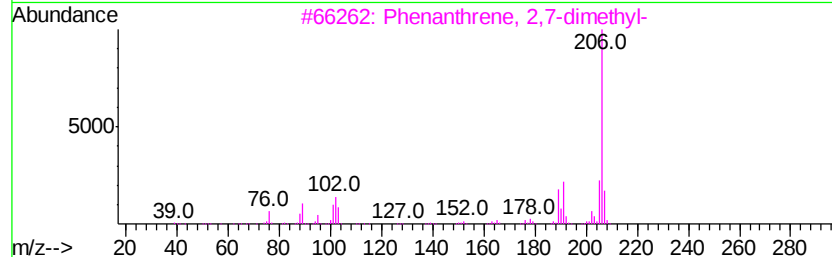
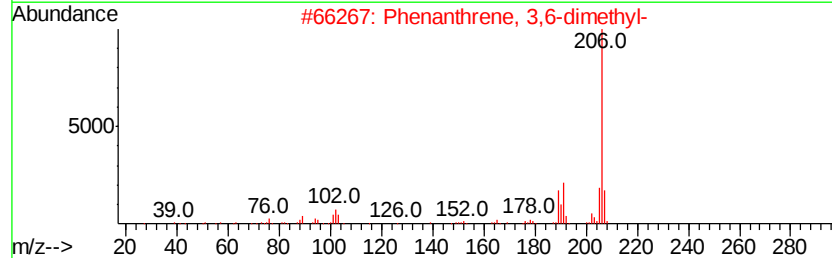
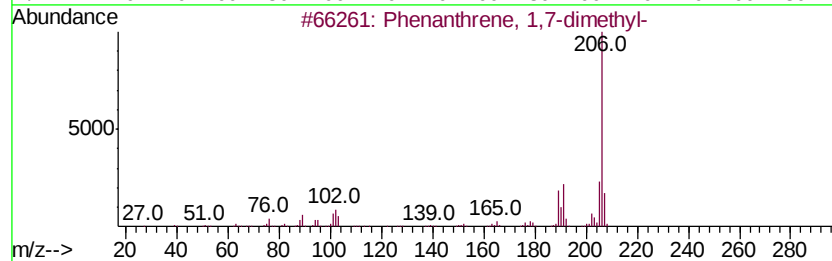
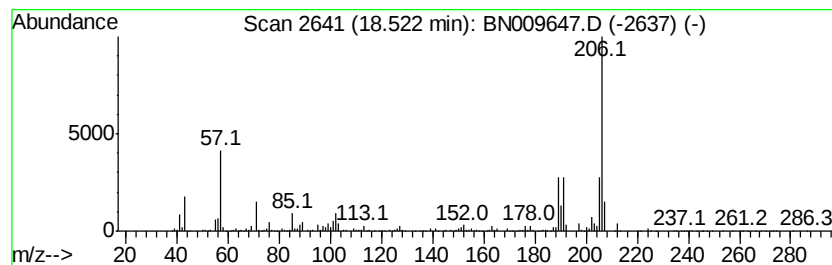
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Phenanthrene, 1,7-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	13.83 ng/ul	1183510	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	81
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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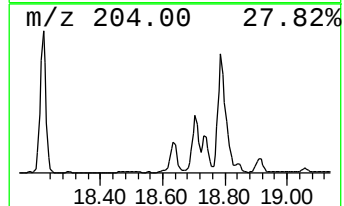
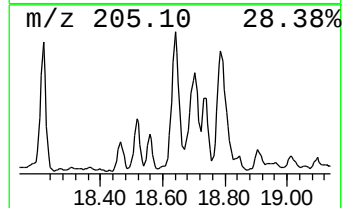
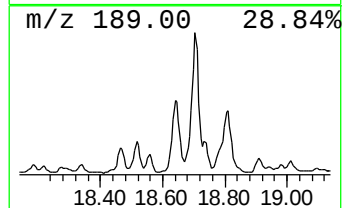
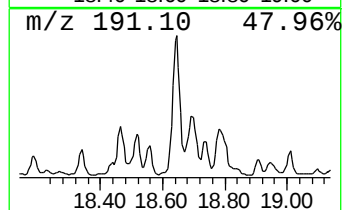
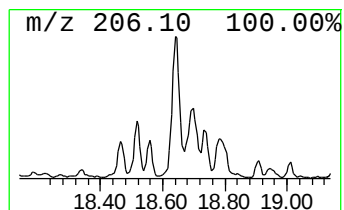
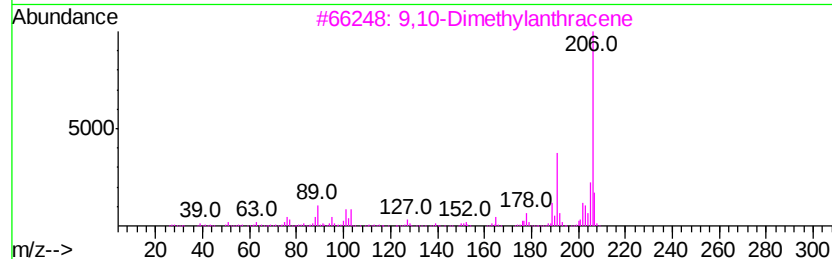
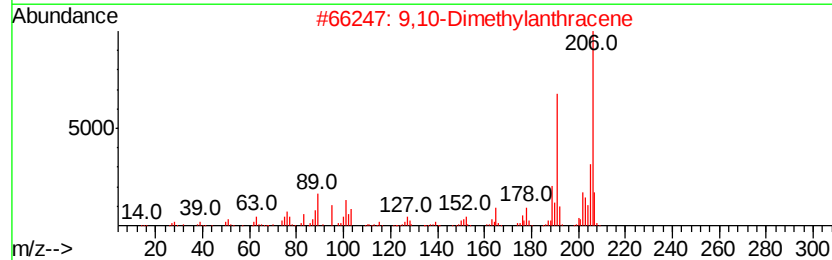
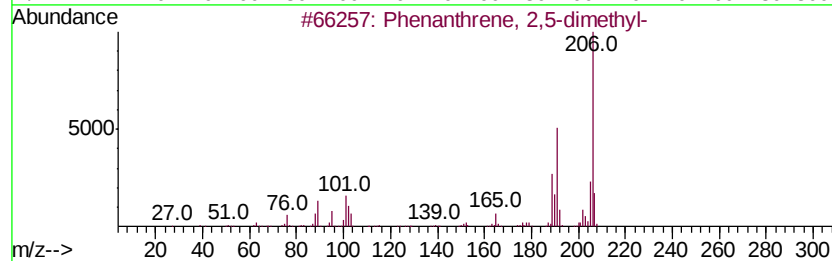
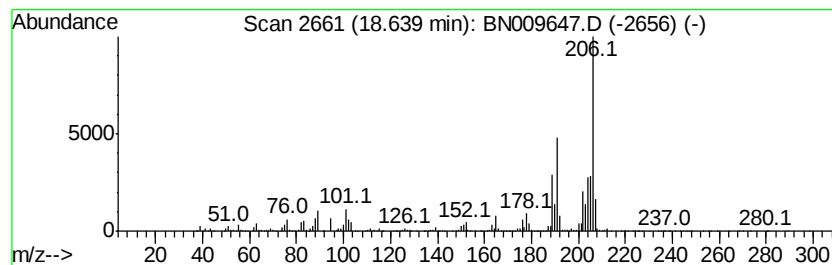
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	59.22 ng/ul	5066860	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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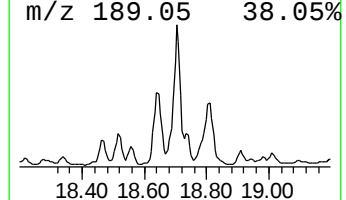
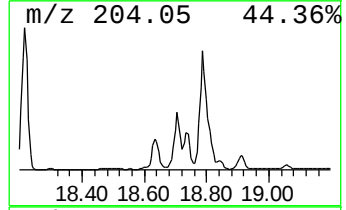
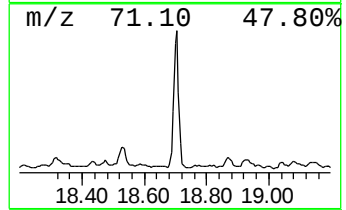
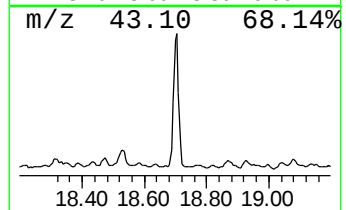
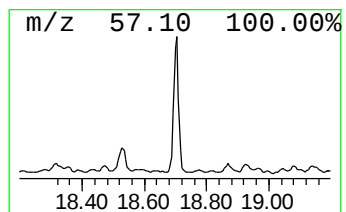
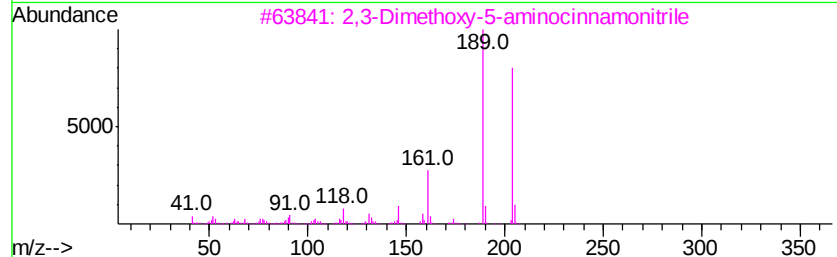
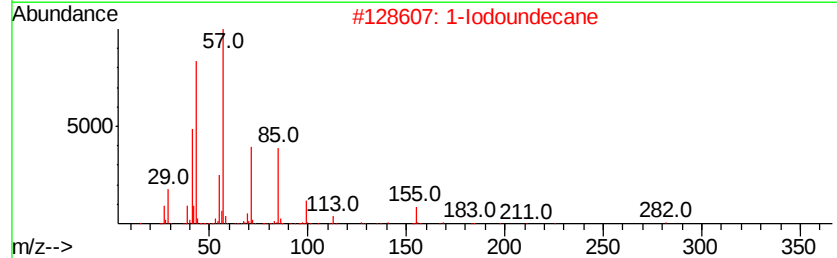
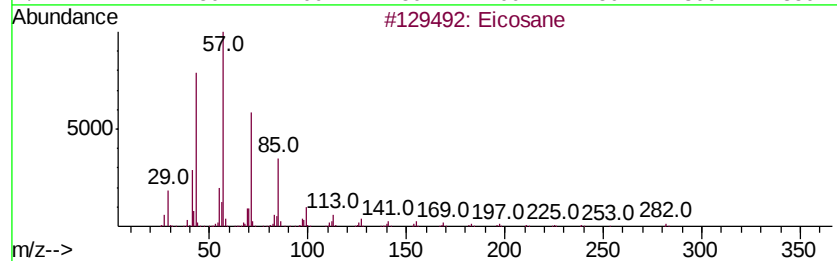
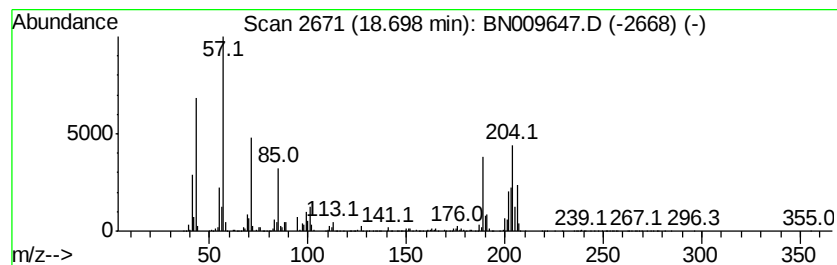
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	74.13 ng/ul	6342070	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	35
2		1-Iodoundecane	282	C11H23I	004282-44-4	35
3		2,3-Dimethoxy-5-aminocinnamionitrile	204	C11H12N2O2	1000214-46-5	30
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	25
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

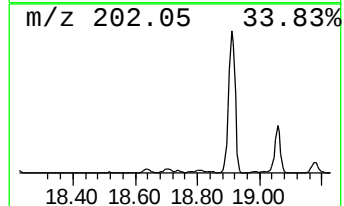
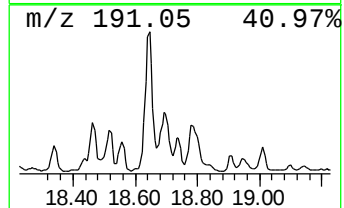
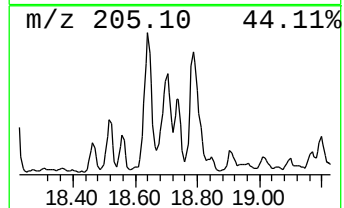
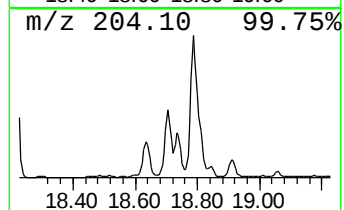
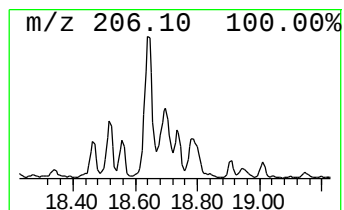
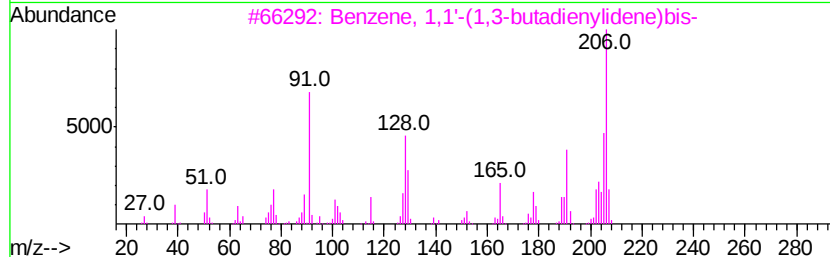
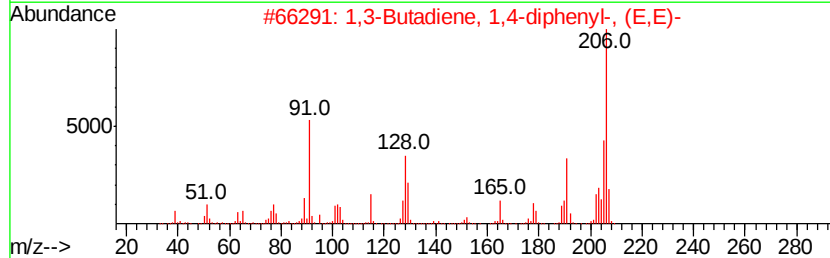
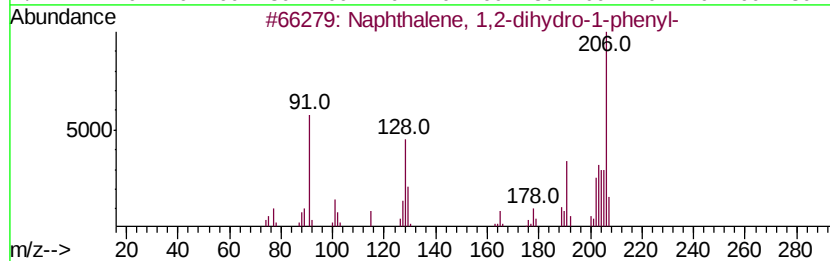
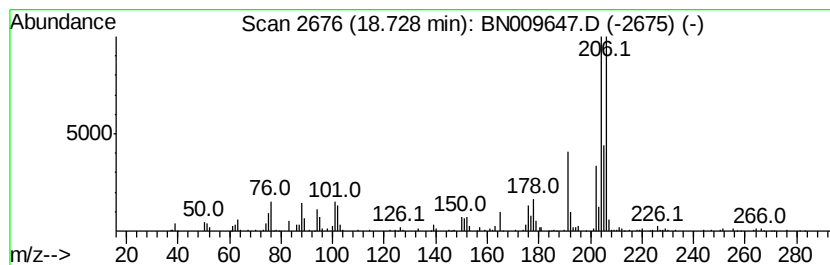
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	16.93 ng/ul	1448080	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
2		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	45
3		Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	43
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43
5		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
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Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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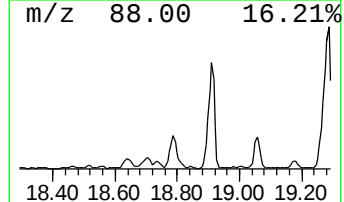
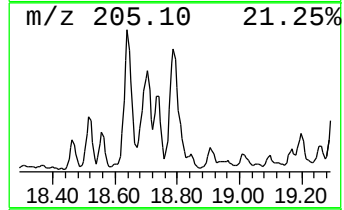
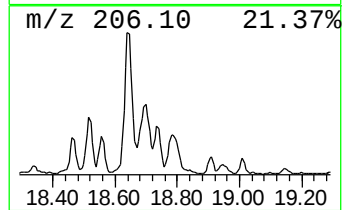
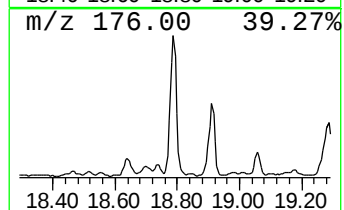
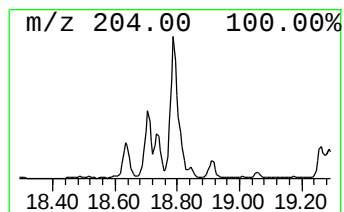
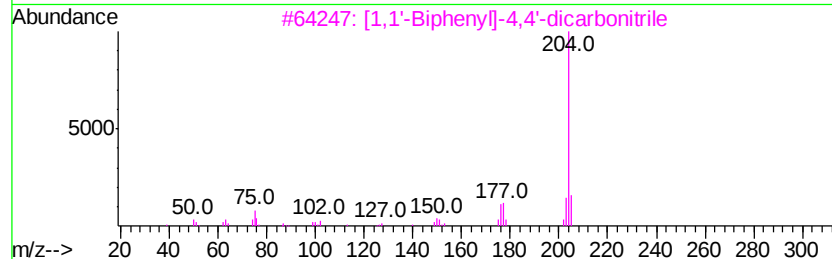
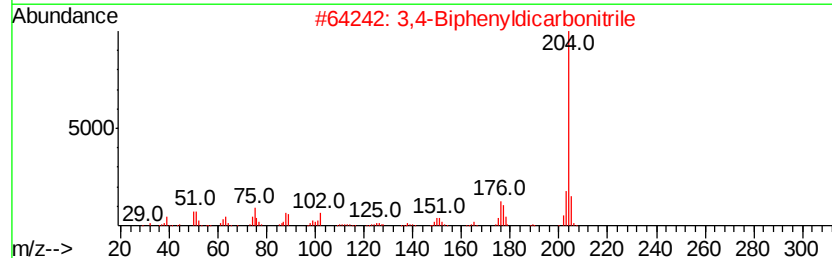
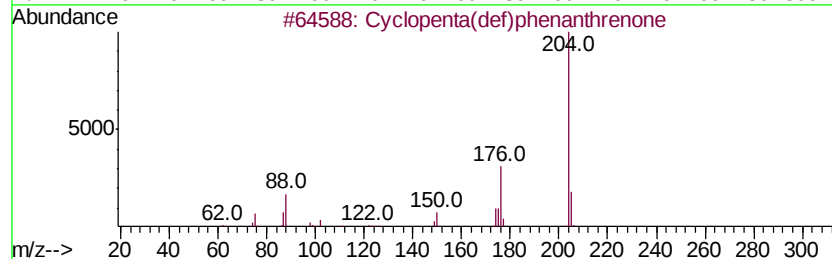
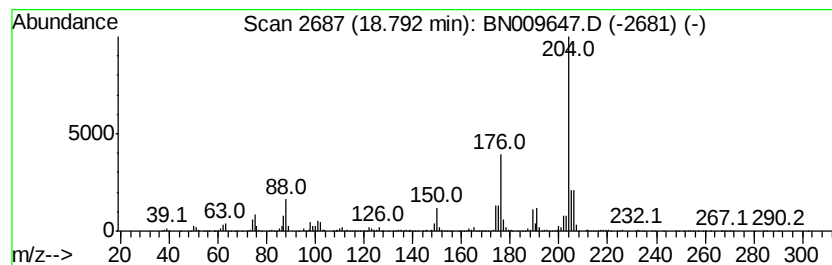
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	62.31 ng/ul	5330820	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

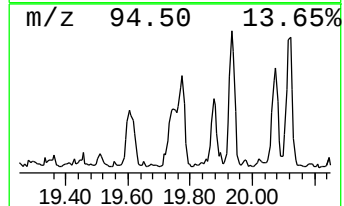
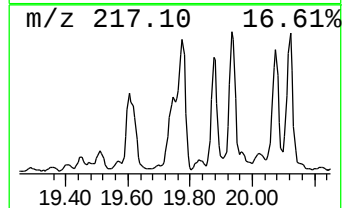
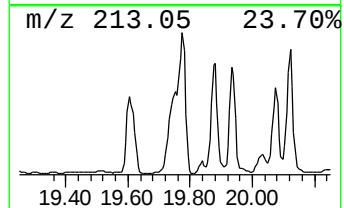
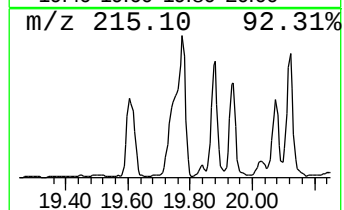
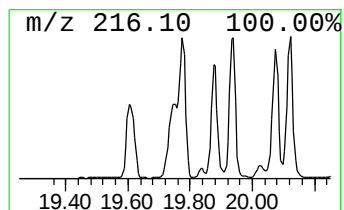
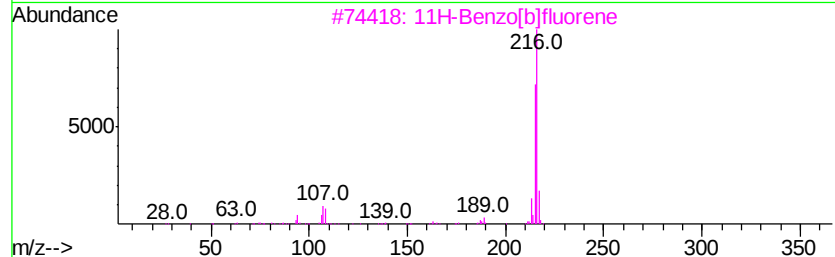
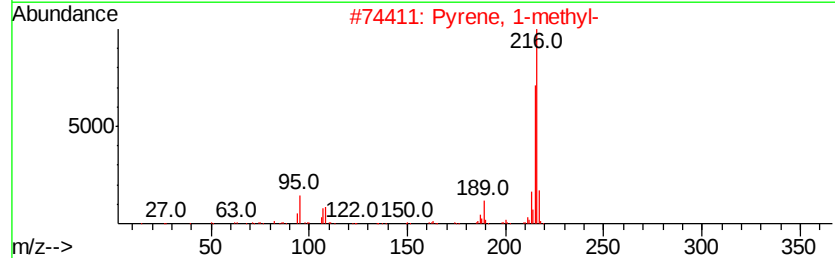
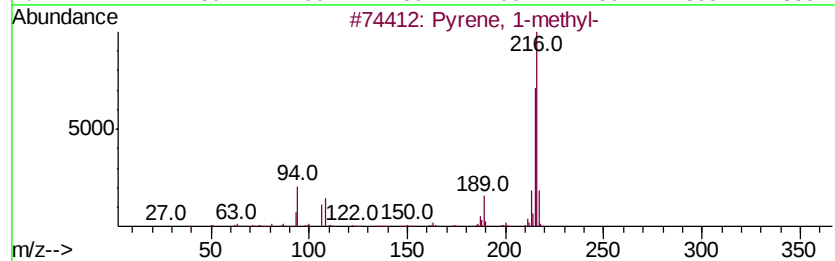
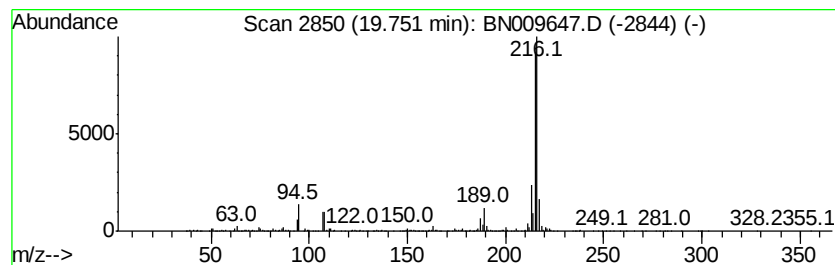
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 Pyrene, 1-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.66 ng/ul	4248660	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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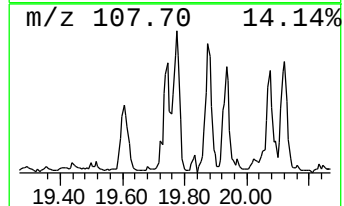
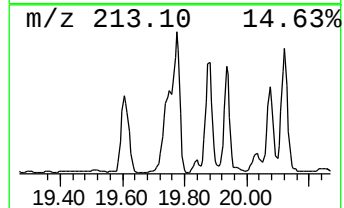
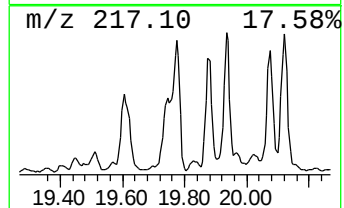
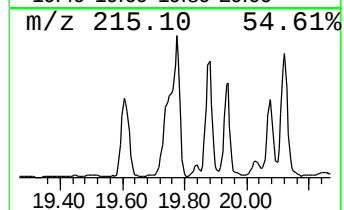
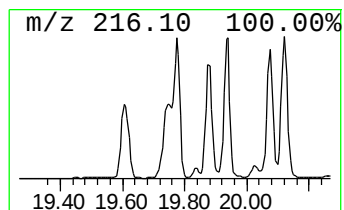
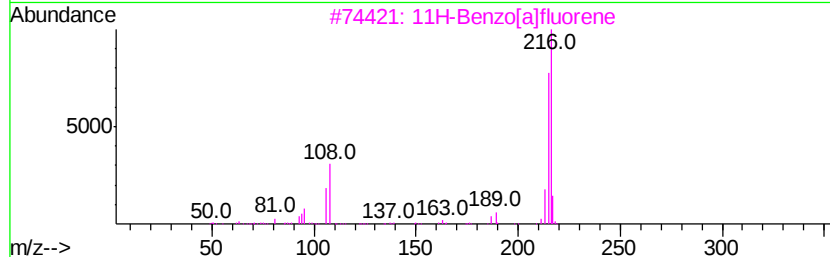
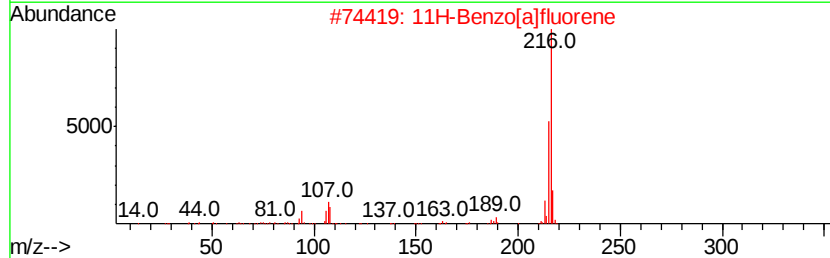
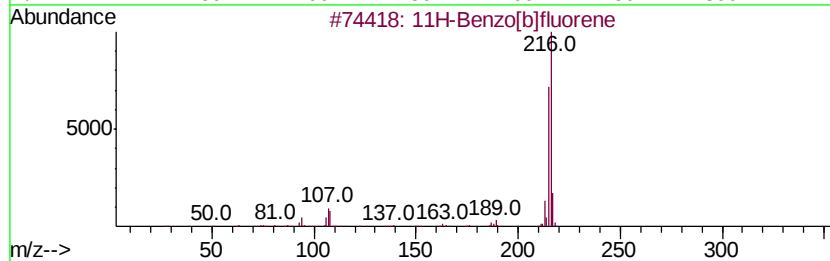
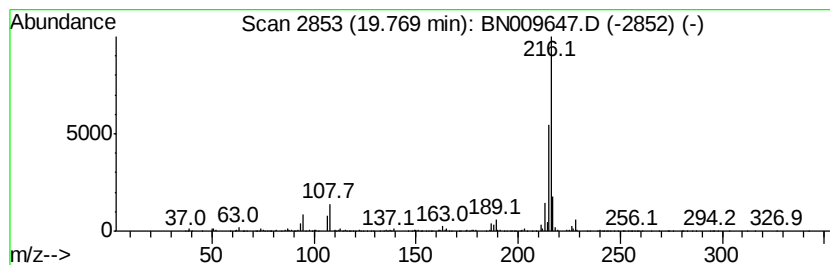
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 11H-Benzo[b]fluorene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	5.52 ng/ul	5027210	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT66

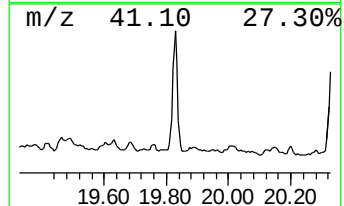
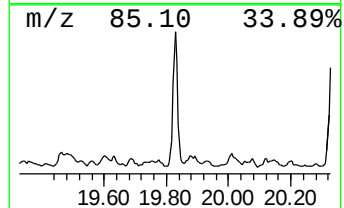
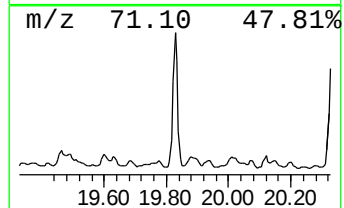
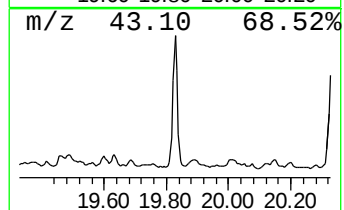
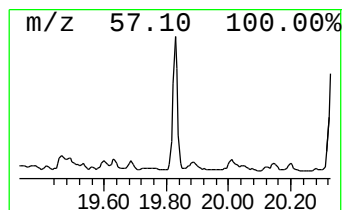
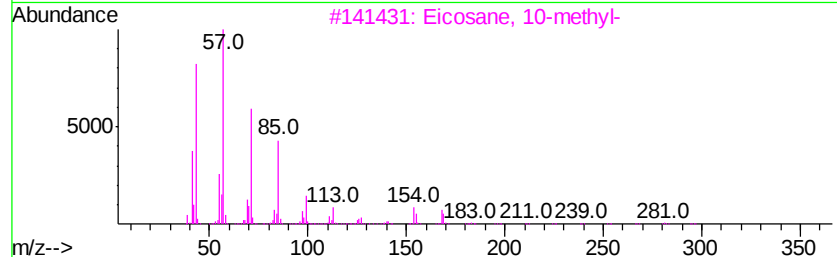
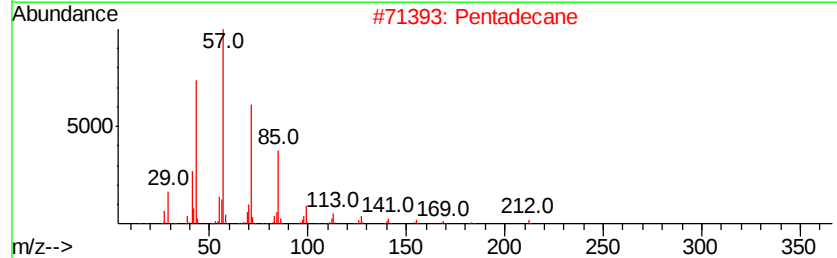
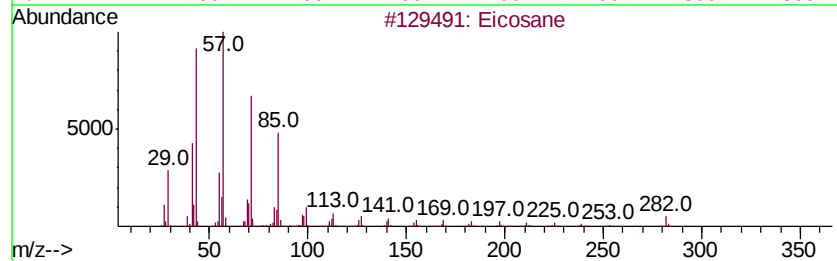
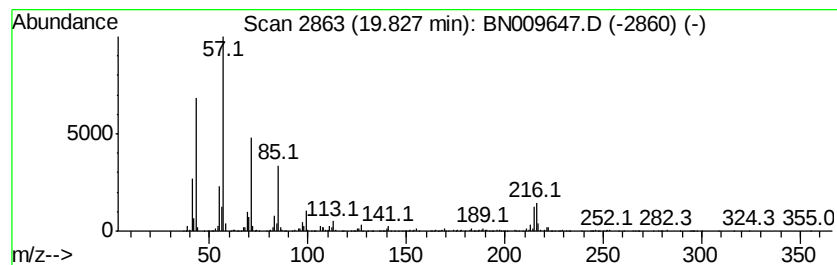
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.12 ng/ul	1930000	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4			Heptacosane	380	C27H56	000593-49-7	70
5			1-Iodoundecane	282	C11H23I	004282-44-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009647.D
Acq On : 07 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-09 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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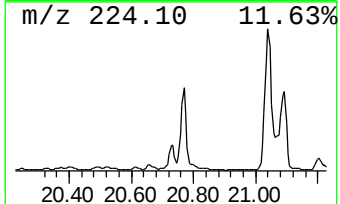
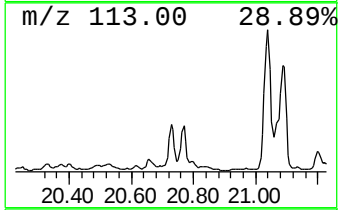
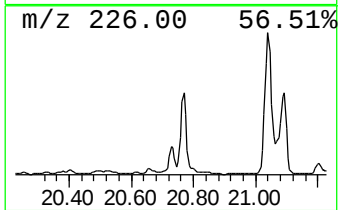
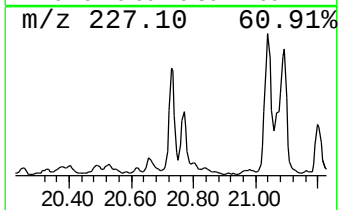
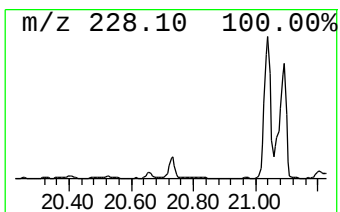
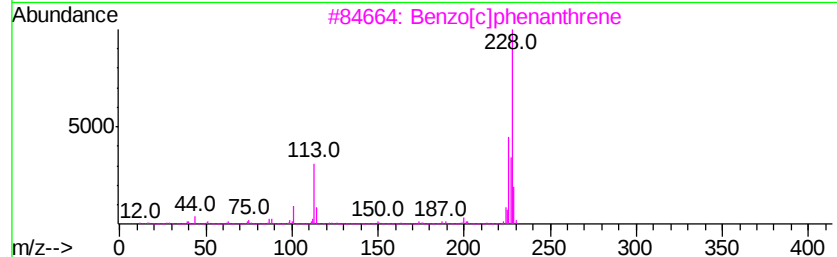
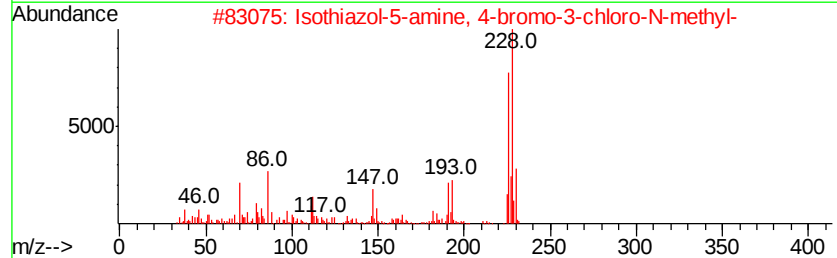
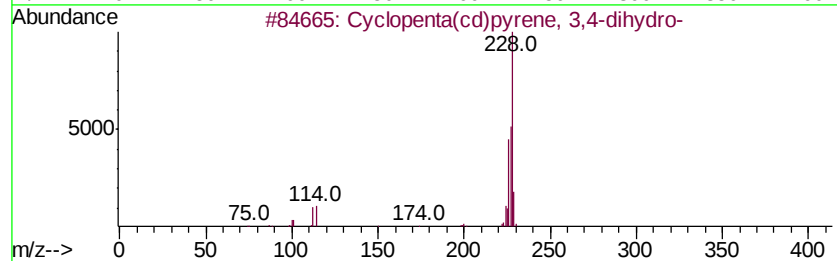
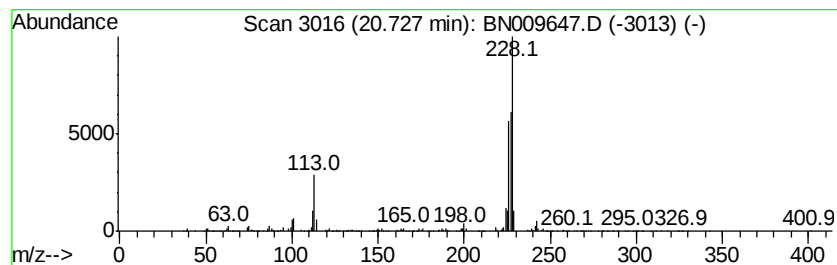
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.00 ng/ul	1826180	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	58
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4		Chrysene	228	C18H12	000218-01-9	43
5		Benz[a]anthracene	228	C18H12	000056-55-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009647.D
 Acq On : 07 Feb 2020 14:24
 Operator : CG/JU
 Sample : L1324-09 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT66

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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
Bicyclo[4.2.0]oct...	7.10	73.1	ng/ul	5484430	1	7.43	1499630	20.0
1-Propyne, 3-phenyl-	7.96	116.8	ng/ul	8754360	1	7.43	1499630	20.0
(DEL) Alkane: Str...	8.66	46.2	ng/ul	3460840	1	7.43	1499630	20.0
Benzene, 1,2,4,5-...	9.10	2.7	ng/ul	1446810	2	10.19	10889000	20.0
Cycloprop[a]inden...	9.63	9.4	ng/ul	5126450	2	10.19	10889000	20.0
1H-Indene, 1-methyl-	9.69	5.2	ng/ul	2840480	2	10.19	10889000	20.0
Nonane	11.12	3.2	ng/ul	1757820	2	10.19	10889000	20.0
Octane, 2-methyl-	11.23	8.5	ng/ul	4639420	2	10.19	10889000	20.0
1H-Indene, 1,1-di...	11.38	2.1	ng/ul	1165390	2	10.19	10889000	20.0
(DEL) Alkane: Str...	11.65	22.1	ng/ul	12042200	2	10.19	10889000	20.0
Naphthalene, 1-me...	12.09	50.5	ng/ul	27490900	2	10.19	10889000	20.0
(DEL) Alkane: Str...	12.33	6.4	ng/ul	1963760	3	14.07	6141360	20.0
(DEL) Alkane: Str...	12.47	6.1	ng/ul	1885750	3	14.07	6141360	20.0
(DEL) Alkane: Str...	12.56	4.0	ng/ul	1226540	3	14.07	6141360	20.0
(DEL) Alkane: Str...	12.62	14.3	ng/ul	4385150	3	14.07	6141360	20.0
Naphthalene, 1-et...	13.09	26.6	ng/ul	8176400	3	14.07	6141360	20.0
Naphthalene, 2,6-...	13.23	25.0	ng/ul	7669180	3	14.07	6141360	20.0
Naphthalene, 2,3-...	13.40	46.6	ng/ul	14323200	3	14.07	6141360	20.0
(DEL) Alkane: Str...	13.59	9.9	ng/ul	3044120	3	14.07	6141360	20.0
(DEL) Alkane: Str...	14.01	39.7	ng/ul	12188800	3	14.07	6141360	20.0
(DEL) Alkane: Str...	14.63	8.0	ng/ul	2448740	3	14.07	6141360	20.0
1-Isopropenyl naph...	14.70	17.1	ng/ul	5259280	3	14.07	6141360	20.0
Naphthalene, 1,6,...	14.76	5.3	ng/ul	1616410	3	14.07	6141360	20.0
Naphthalene, 2,3,...	14.87	9.3	ng/ul	2862560	3	14.07	6141360	20.0
(DEL) Alkane: Str...	14.97	39.3	ng/ul	12060300	3	14.07	6141360	20.0
(DEL) Alkane: Str...	15.38	19.9	ng/ul	6115880	3	14.07	6141360	20.0
9H-Fluoren-9-ol	15.43	6.1	ng/ul	1865940	3	14.07	6141360	20.0
(DEL) Alkane: Str...	15.83	124.1	ng/ul	10617800	4	16.83	1711120	20.0
9H-Fluorene, 1-me...	16.15	46.7	ng/ul	3998410	4	16.83	1711120	20.0
9H-Fluorene, 2-me...	16.19	34.9	ng/ul	2985330	4	16.83	1711120	20.0
(DEL) Alkane: Str...	16.63	112.2	ng/ul	9597420	4	16.83	1711120	20.0
(DEL) Alkane: Str...	16.68	39.9	ng/ul	3409320	4	16.83	1711120	20.0
(DEL) Alkane: Str...	17.36	65.7	ng/ul	5620850	4	16.83	1711120	20.0
4-Methylnaphtho[1...	17.41	18.3	ng/ul	1563150	4	16.83	1711120	20.0
4H-Cyclopenta[def...	17.90	190.5	ng/ul	16300900	4	16.83	1711120	20.0
Anthracene, 2-met...	17.94	55.1	ng/ul	4716220	4	16.83	1711120	20.0
(DEL) Alkane: Str...	18.06	44.3	ng/ul	3792950	4	16.83	1711120	20.0
5,16[1',2']:8,13[...	18.22	39.9	ng/ul	3414440	4	16.83	1711120	20.0
Phenanthrene, 1,7...	18.52	13.8	ng/ul	1183510	4	16.83	1711120	20.0
Phenanthrene, 2,5...	18.64	59.2	ng/ul	5066860	4	16.83	1711120	20.0
(DEL) Alkane: Str...	18.70	74.1	ng/ul	6342070	4	16.83	1711120	20.0
unknown-01	18.73	16.9	ng/ul	1448080	4	16.83	1711120	20.0
Cyclopenta(def)ph...	18.79	62.3	ng/ul	5330820	4	16.83	1711120	20.0
Pyrene, 1-methyl-	19.75	4.7	ng/ul	4248660	5	21.05	18224500	20.0
11H-Benzo[b]fluorene	19.77	5.5	ng/ul	5027210	5	21.05	18224500	20.0
(DEL) Alkane: Str...	19.83	2.1	ng/ul	1930000	5	21.05	18224500	20.0
Cyclopenta(cd)pyr...	20.73	2.0	ng/ul	1826180	5	21.05	18224500	20.0