

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009645.D
 Acq On : 07 Feb 2020 13:12
 Operator : CG/JU
 Sample : L1324-12DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT67DL

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	5.017	337	345	353	rVV	587370	871626	4.30%	0.395%
2	5.499	420	427	435	rVV2	321485	555202	2.74%	0.252%
3	6.605	609	615	623	rVV3	293528	647735	3.20%	0.294%
4	7.087	690	697	706	rBV4	861353	1910118	9.43%	0.866%
5	7.428	748	755	761	rBV2	871105	1439542	7.11%	0.653%
6	7.716	797	804	811	rBV4	203128	505054	2.49%	0.229%
7	7.958	835	845	853	rBV2	1821561	3185967	15.73%	1.445%
8	8.522	932	941	948	rVV3	459116	1061139	5.24%	0.481%
9	8.616	948	957	959	rVV4	176400	531887	2.63%	0.241%
10	8.658	959	964	973	rVV	1918011	2915461	14.40%	1.322%
11	8.769	979	983	990	rVB6	242267	539123	2.66%	0.245%
12	9.069	1026	1034	1036	rVV2	305325	595584	2.94%	0.270%
13	9.110	1036	1041	1047	rVB2	334287	806572	3.98%	0.366%
14	9.334	1075	1079	1083	rVV3	311903	604862	2.99%	0.274%
15	9.475	1100	1103	1110	rVB3	436934	804979	3.97%	0.365%
16	9.563	1113	1118	1121	rBV	410679	631365	3.12%	0.286%
17	9.610	1121	1126	1128	rBV3	478891	892293	4.41%	0.405%
18	9.746	1144	1149	1154	rVB3	366676	632929	3.13%	0.287%
19	9.899	1168	1175	1180	rBV2	210566	510501	2.52%	0.232%
20	10.105	1206	1210	1214	rVV5	334620	644030	3.18%	0.292%
21	10.187	1214	1224	1227	rVV2	2900849	5320946	26.27%	2.413%
22	10.240	1227	1233	1241	rVV	11900986	20252622	100.00%	9.186%
23	10.310	1241	1245	1249	rVV5	380614	782385	3.86%	0.355%
24	10.375	1250	1256	1260	rVV	1867417	2991572	14.77%	1.357%
25	10.428	1260	1265	1271	rVV6	221543	565690	2.79%	0.257%
26	10.893	1341	1344	1349	rVB2	639277	890731	4.40%	0.404%
27	11.040	1364	1369	1374	rVB2	512940	803949	3.97%	0.365%
28	11.122	1375	1383	1389	rVB2	834459	1546569	7.64%	0.701%
29	11.228	1395	1401	1408	rBV	1963039	3618391	17.87%	1.641%
30	11.646	1468	1472	1477	rVB5	294631	559509	2.76%	0.254%
31	11.863	1498	1509	1517	rVB	10307860	17066214	84.27%	7.741%
32	12.081	1540	1546	1552	rVV	5701892	9065820	44.76%	4.112%
33	12.293	1578	1582	1585	rVV	448043	749632	3.70%	0.340%
34	12.334	1585	1589	1596	rVV2	964556	1712818	8.46%	0.777%

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35	12.399	1596	1600	1608	rVV2	535732	876339	4.33%	0.397%
36	12.475	1608	1613	1620	rVV	864804	1329415	6.56%	0.603%
37	12.563	1624	1628	1632	rVV	573209	913071	4.51%	0.414%
38	12.616	1632	1637	1648	rVB	1829880	2996156	14.79%	1.359%
39	12.893	1678	1684	1688	rBV	1114543	1841137	9.09%	0.835%
40	12.934	1688	1691	1699	rVB	598555	936945	4.63%	0.425%
41	13.093	1712	1718	1734	rVB	3219631	5838020	28.83%	2.648%
42	13.228	1735	1741	1743	rBV2	2607508	4228479	20.88%	1.918%
43	13.393	1763	1769	1774	rVV	3307367	5718482	28.24%	2.594%
44	13.446	1774	1778	1783	rVB	2418342	3252990	16.06%	1.475%
45	13.587	1792	1802	1805	rBV3	1559414	2795709	13.80%	1.268%
46	13.628	1805	1809	1813	rBV	1906952	2513580	12.41%	1.140%
47	13.704	1818	1822	1826	rVV	434218	580452	2.87%	0.263%
48	13.763	1827	1832	1833	rVV4	415230	575023	2.84%	0.261%
49	13.793	1833	1837	1843	rVB2	1295519	1944778	9.60%	0.882%
50	14.069	1877	1884	1890	rBV2	1879345	3653236	18.04%	1.657%
51	14.140	1890	1896	1900	rBV	3969278	5744175	28.36%	2.605%
52	14.287	1916	1921	1930	rBV	838136	1734091	8.56%	0.787%
53	14.481	1945	1954	1958	rBV3	1111877	2506354	12.38%	1.137%
54	14.563	1964	1968	1972	rVB2	973562	1232935	6.09%	0.559%
55	14.628	1975	1979	1984	rVB	1033454	1380523	6.82%	0.626%
56	14.698	1985	1991	1996	rBV3	959021	1810023	8.94%	0.821%
57	14.757	1997	2001	2004	rVB	652433	860052	4.25%	0.390%
58	14.869	2014	2020	2024	rBV3	602570	1164205	5.75%	0.528%
59	14.951	2030	2034	2039	rVB	643822	887275	4.38%	0.402%
60	15.028	2040	2047	2050	rBV5	296551	639354	3.16%	0.290%
61	15.069	2050	2054	2059	rVB3	896408	1501972	7.42%	0.681%
62	15.134	2059	2065	2069	rBV2	2401711	3409140	16.83%	1.546%
63	15.345	2095	2101	2102	rVV3	722083	1120700	5.53%	0.508%
64	15.375	2103	2106	2111	rVV	1527928	2239680	11.06%	1.016%
65	15.428	2111	2115	2118	rVV2	436981	765502	3.78%	0.347%
66	15.469	2118	2122	2127	rVB3	521130	817061	4.03%	0.371%
67	15.540	2128	2134	2138	rBV2	909088	1685250	8.32%	0.764%
68	15.575	2138	2140	2148	rVB4	519656	1039105	5.13%	0.471%
69	15.857	2184	2188	2193	rVV	2006456	2845631	14.05%	1.291%
70	16.140	2229	2236	2240	rVV	664886	1625432	8.03%	0.737%
71	16.187	2240	2244	2249	rVV2	859167	1446394	7.14%	0.656%

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72	16.287	2257	2261	2267	rVV3	446224	701956	3.47%	0.318%
73	16.410	2279	2282	2289	rVV5	349252	691999	3.42%	0.314%
74	16.498	2293	2297	2305	rVB2	348508	545578	2.69%	0.247%
75	16.645	2317	2322	2324	rBV	723025	996909	4.92%	0.452%
76	16.681	2324	2328	2338	rVB	1091136	1744935	8.62%	0.791%
77	16.828	2348	2353	2356	rBV	1441852	2068440	10.21%	0.938%
78	16.875	2356	2361	2366	rVB	8780655	12188143	60.18%	5.528%
79	16.963	2372	2376	2380	rVB	1940091	2582906	12.75%	1.172%
80	17.704	2497	2502	2506	rVV	1978498	2869380	14.17%	1.301%
81	17.751	2506	2510	2516	rVV	2161817	3050338	15.06%	1.384%
82	17.834	2516	2524	2528	rVV	711175	1110111	5.48%	0.504%
83	17.892	2529	2534	2539	rVV2	1793120	3339438	16.49%	1.515%
84	17.934	2539	2541	2550	rVB	1080456	1397772	6.90%	0.634%
85	18.210	2584	2588	2593	rVB	715489	899601	4.44%	0.408%
86	18.516	2636	2640	2644	rBV2	321241	500998	2.47%	0.227%
87	18.639	2655	2661	2665	rBV2	728195	1157581	5.72%	0.525%
88	18.698	2665	2671	2674	rVV3	341488	627417	3.10%	0.285%
89	18.898	2700	2705	2713	rVB	2033595	2753959	13.60%	1.249%
90	19.051	2726	2731	2743	rVB	836328	1184963	5.85%	0.537%
91	19.263	2758	2767	2777	rBV	2749100	4409169	21.77%	2.000%
92	19.598	2820	2824	2835	rVB2	343336	689499	3.40%	0.313%
93	19.769	2850	2853	2858	rVB	684203	916089	4.52%	0.416%
94	19.869	2866	2870	2876	rBV2	577552	759451	3.75%	0.344%
95	20.116	2908	2912	2923	rVB	430559	764005	3.77%	0.347%
96	21.039	3063	3069	3073	rBV3	2374017	4126681	20.38%	1.872%
97	21.080	3073	3076	3087	rVB	932537	1298214	6.41%	0.589%
98	22.551	3319	3326	3335	rBV2	365414	1095323	5.41%	0.497%
99	23.069	3410	3414	3422	rVB2	566033	1067677	5.27%	0.484%
100	23.157	3423	3429	3435	rBV	1334670	2268754	11.20%	1.029%

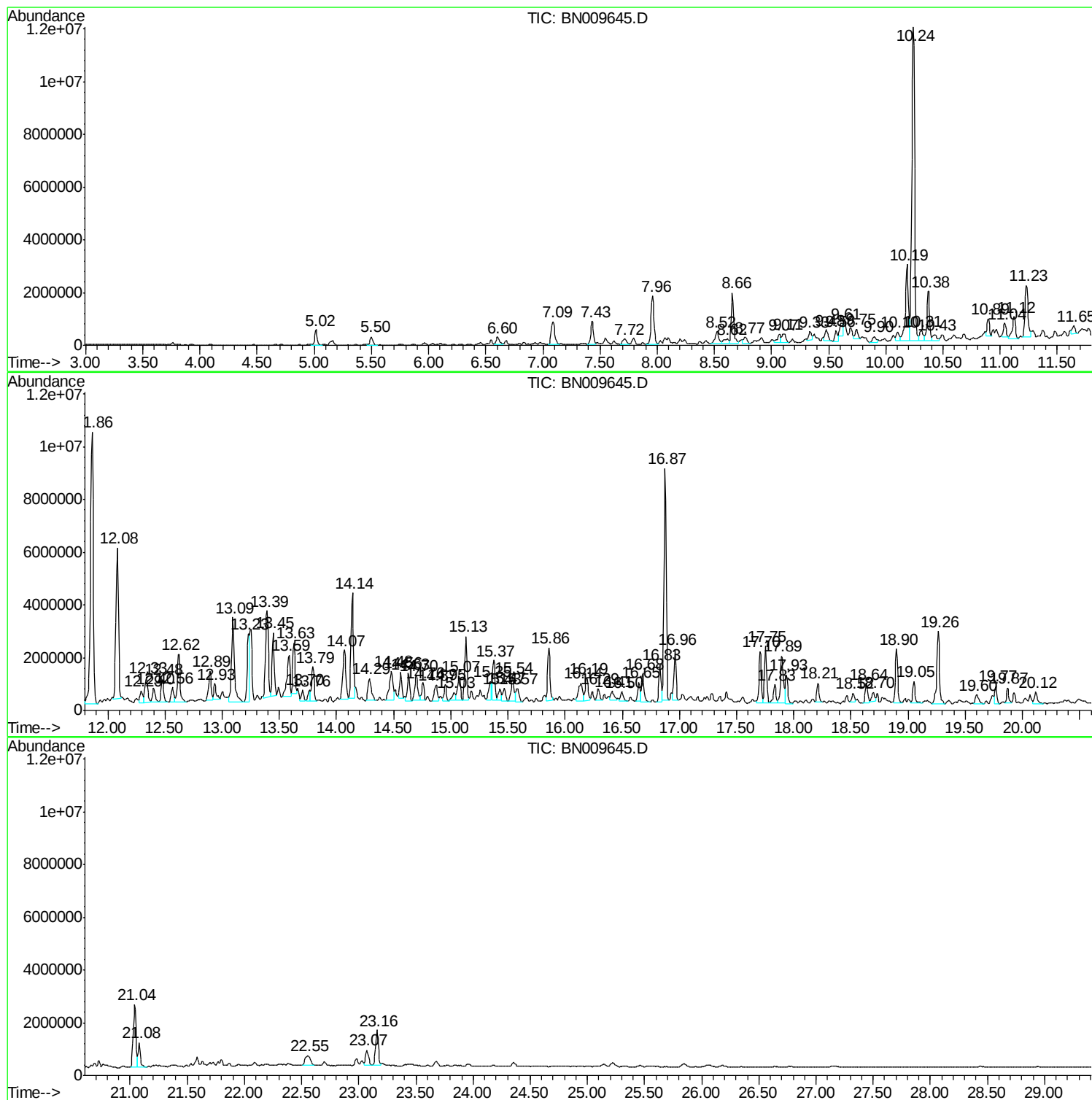
Sum of corrected areas: 220468769

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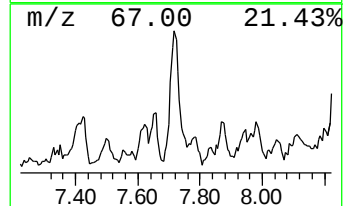
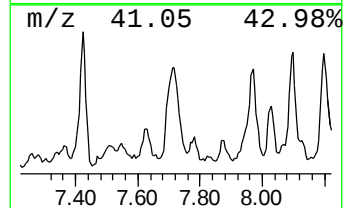
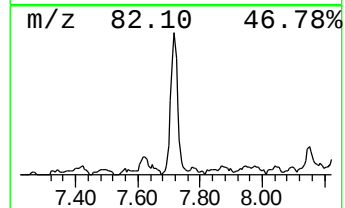
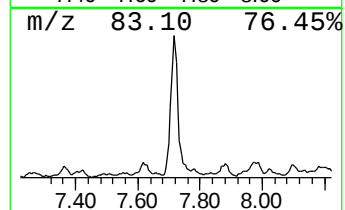
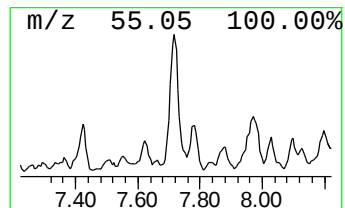
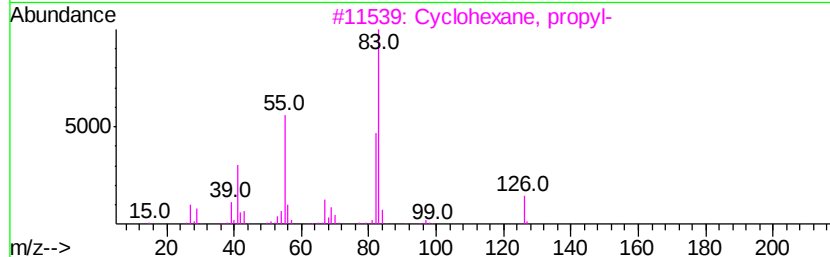
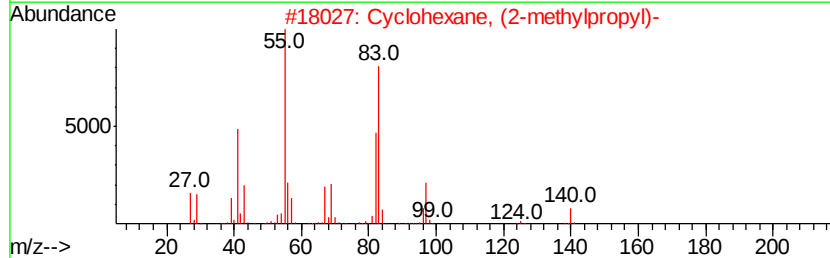
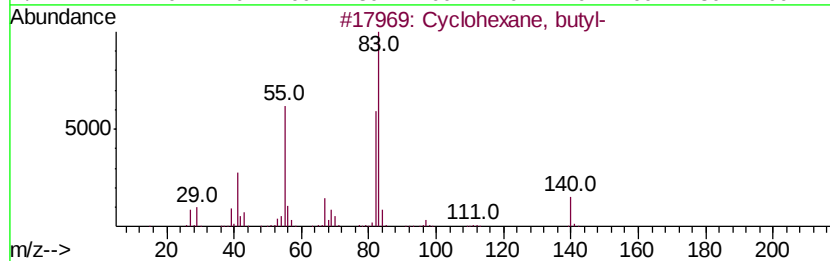
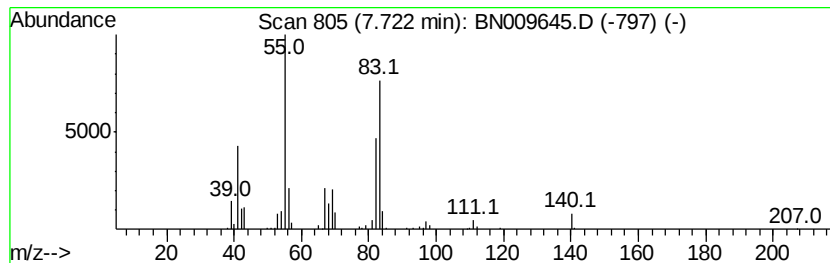
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic7.72 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	7.02 ng/ul	505054	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	86
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	72



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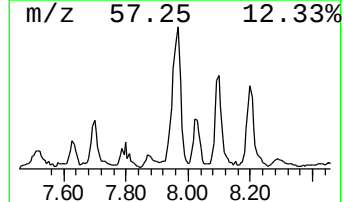
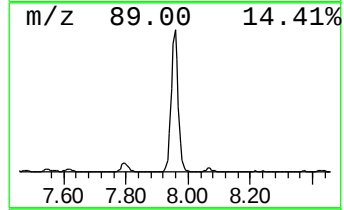
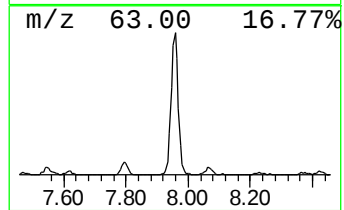
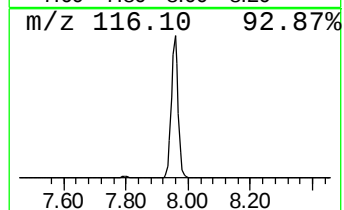
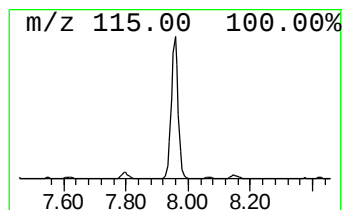
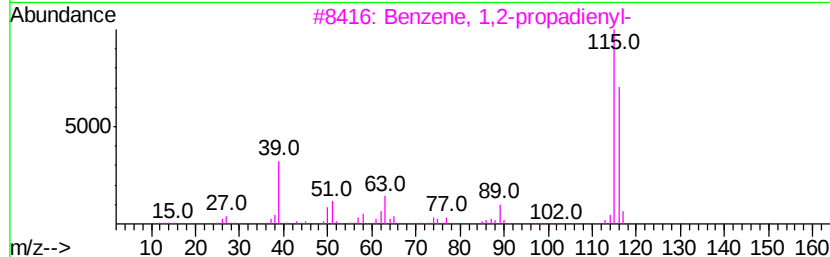
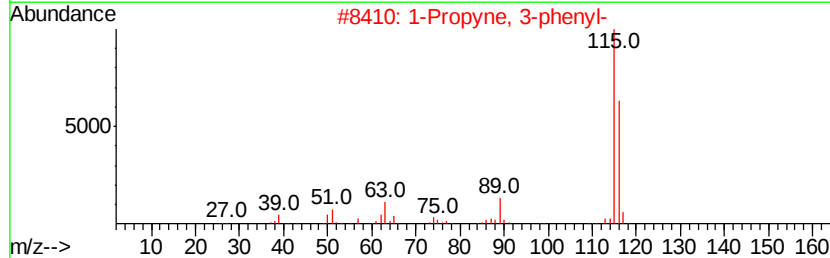
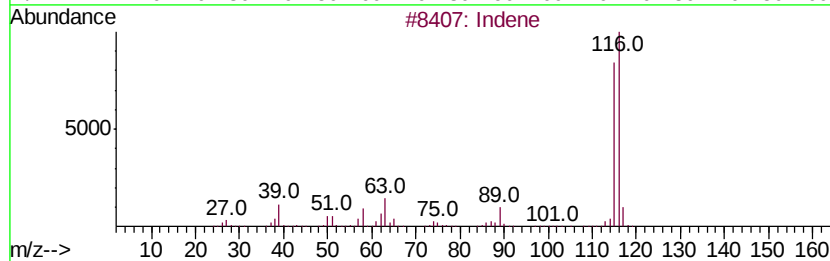
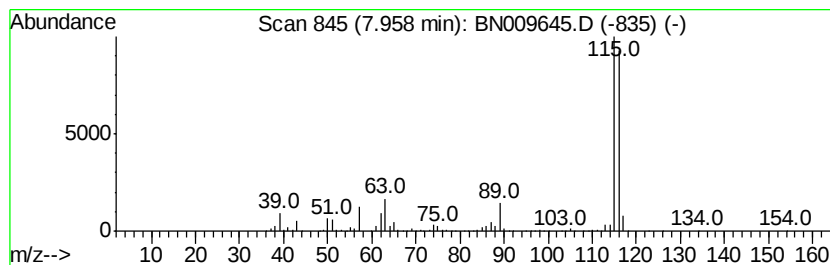
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	44.26 ng/ul	3185970	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	94
2		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Indene	116	C9H8	000095-13-6	91



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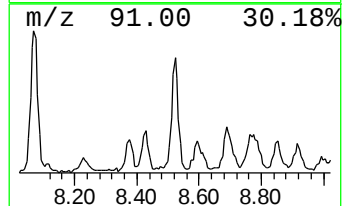
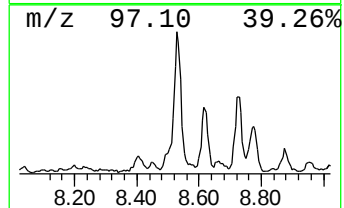
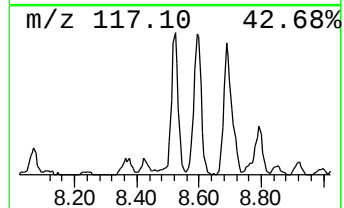
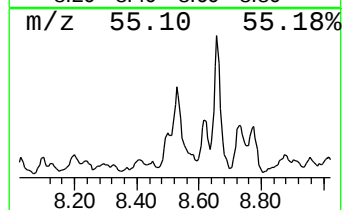
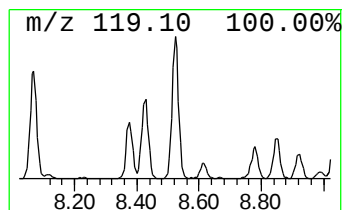
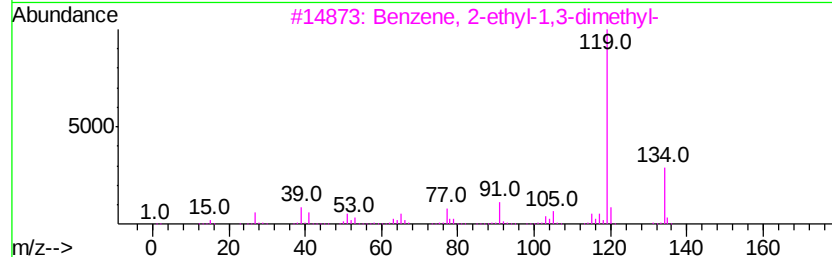
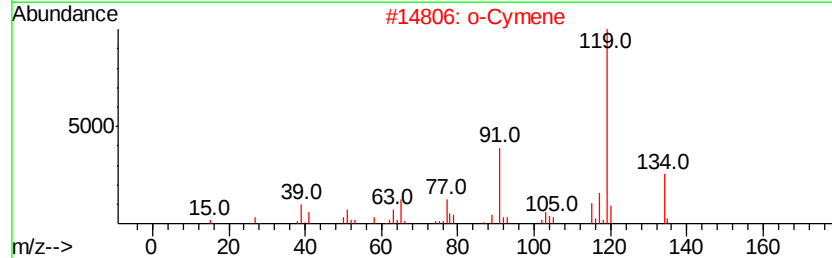
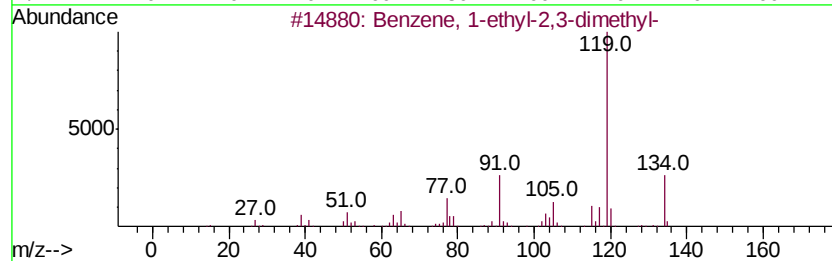
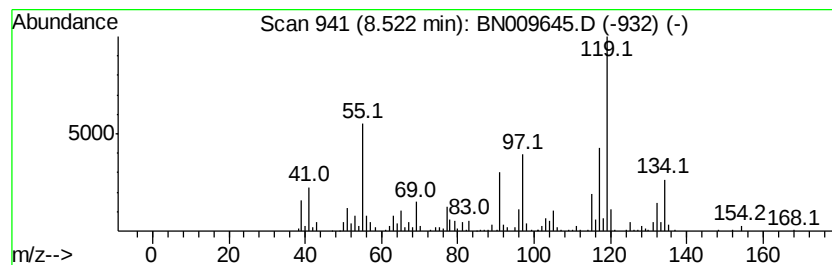
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	14.74 ng/ul	1061140	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
2		o-Cymene	134	C10H14	000527-84-4	50
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
4		p-Cymene	134	C10H14	000099-87-6	50
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

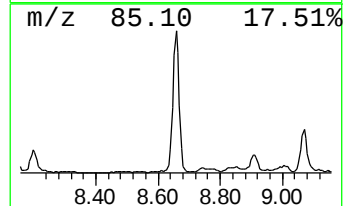
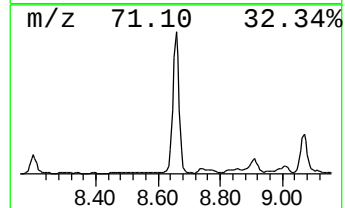
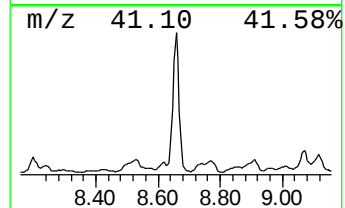
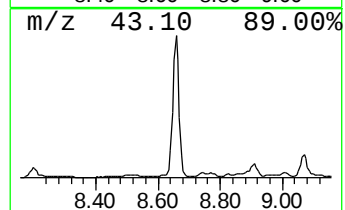
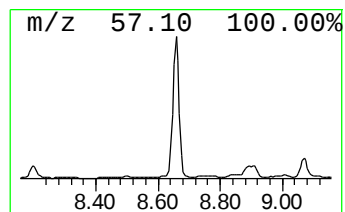
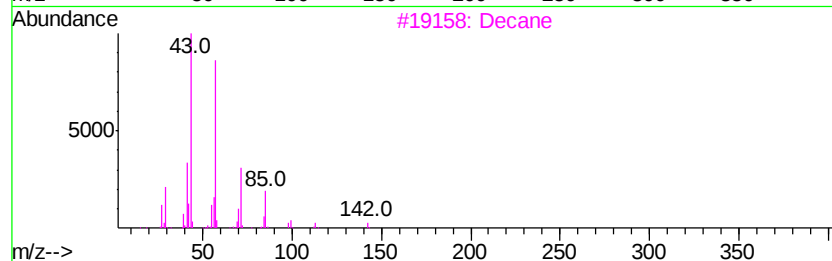
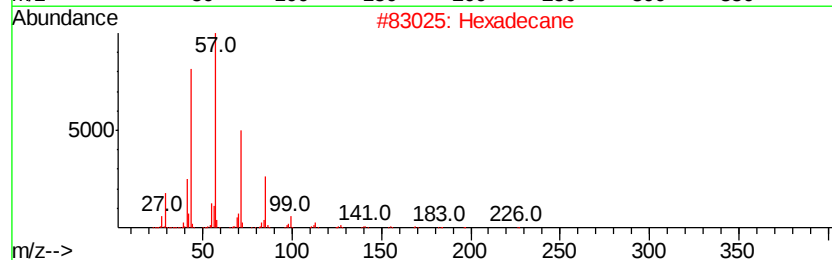
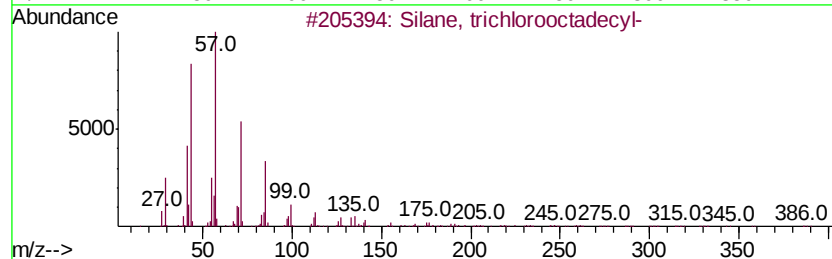
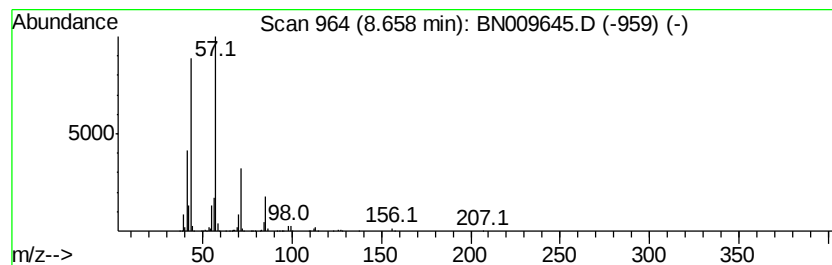
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Silane, trichlorooctadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	40.51 ng/ul	2915460	1,4-Dichlorobenzene-d4	7.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Decane	142	C10H22	000124-18-5	78
4		Undecane	156	C11H24	001120-21-4	74
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

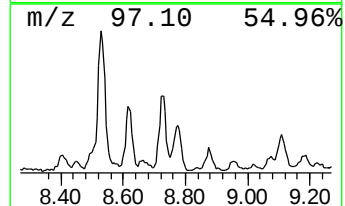
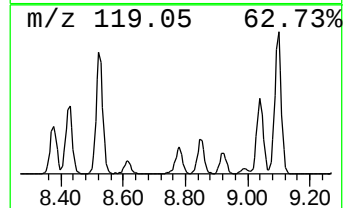
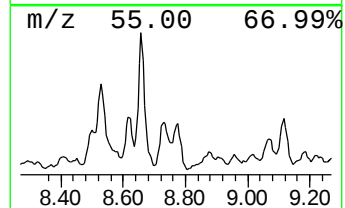
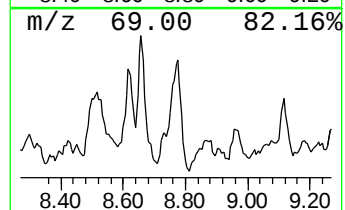
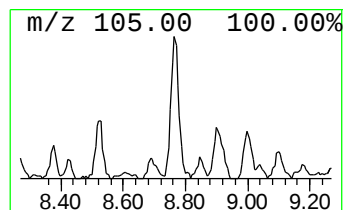
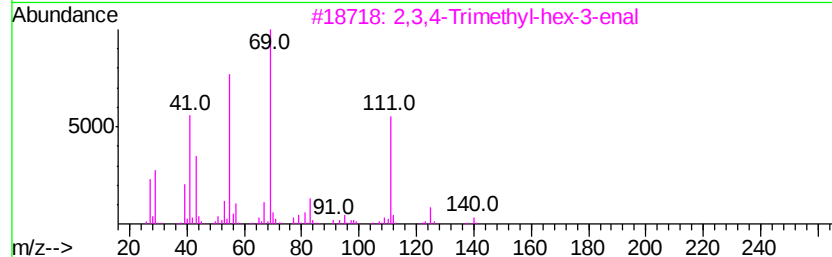
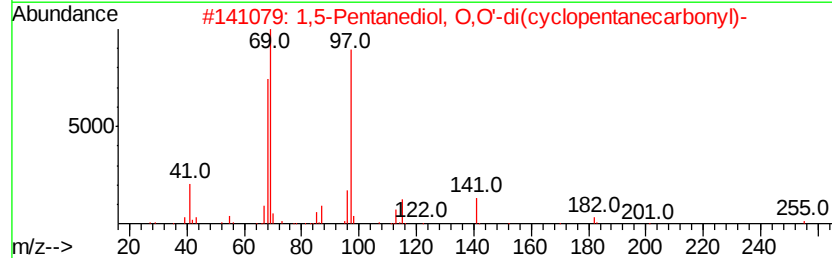
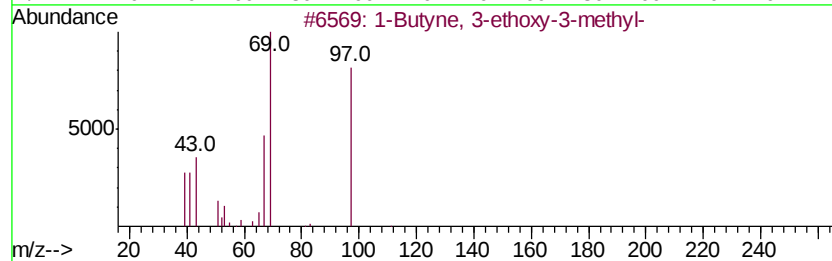
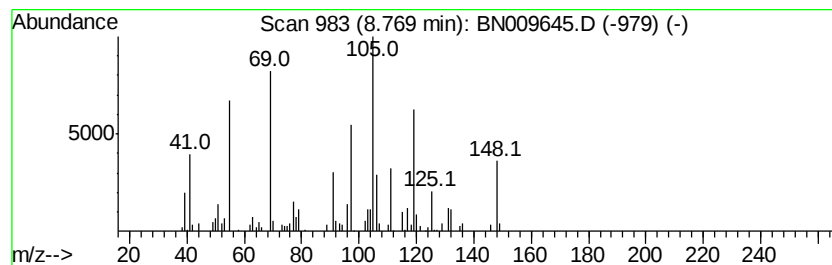
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	7.49 ng/ul	539123	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	35
2		1,5-Pentanediol, 0,0'-di(cyclope...	296	C17H28O4	1000331-08-0	17
3		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	12
4		1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	10
5		.beta.-D-Glucopyranoside, methyl...	176	C7H12O5	003056-46-0	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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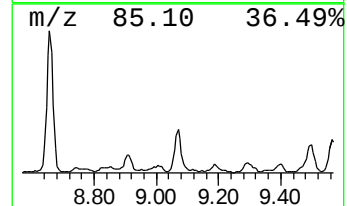
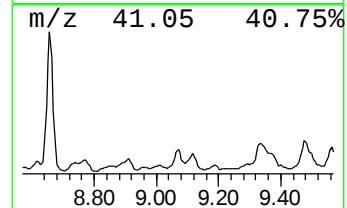
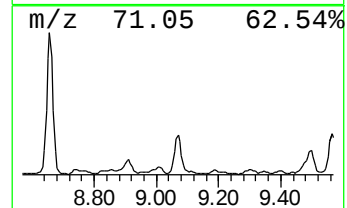
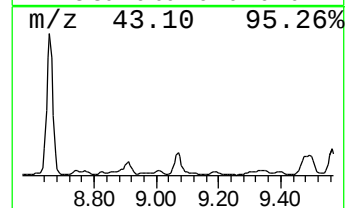
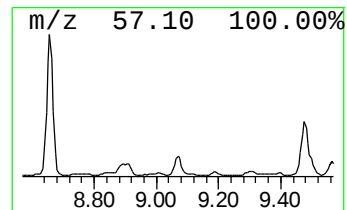
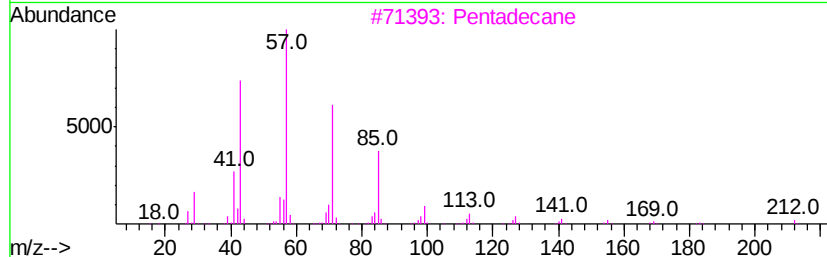
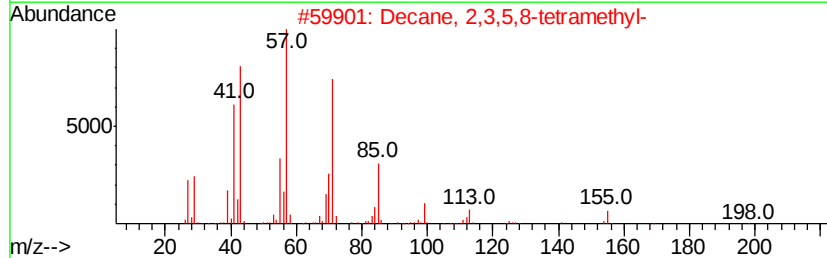
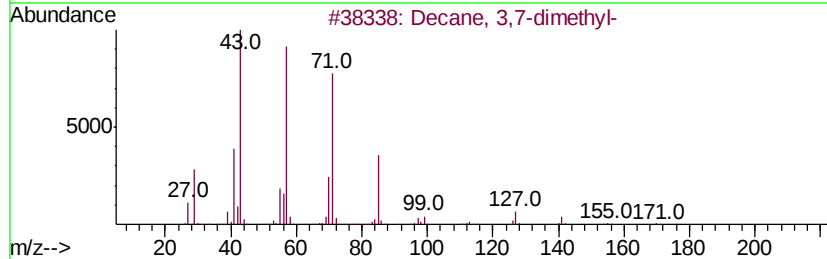
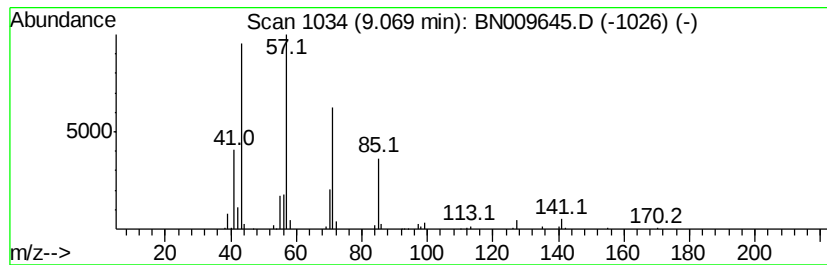
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.24 ng/ul	595584	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	78
3		Pentadecane	212	C15H32	000629-62-9	72
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5		Octane, 3-ethyl-	142	C10H22	005881-17-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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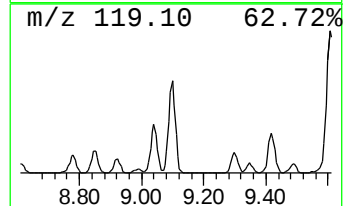
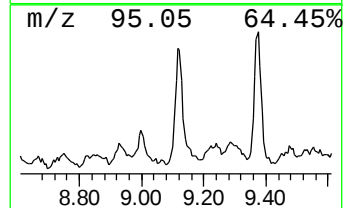
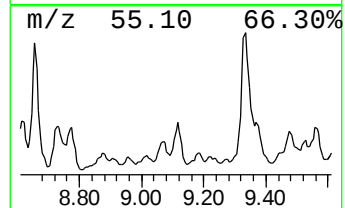
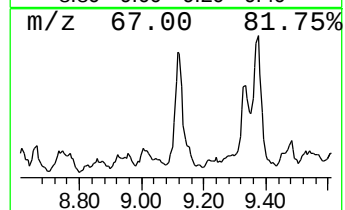
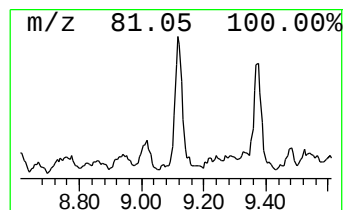
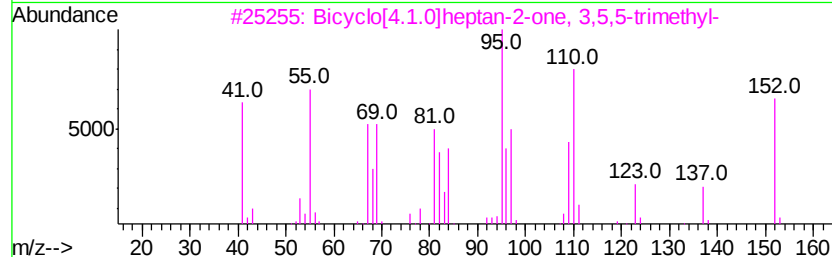
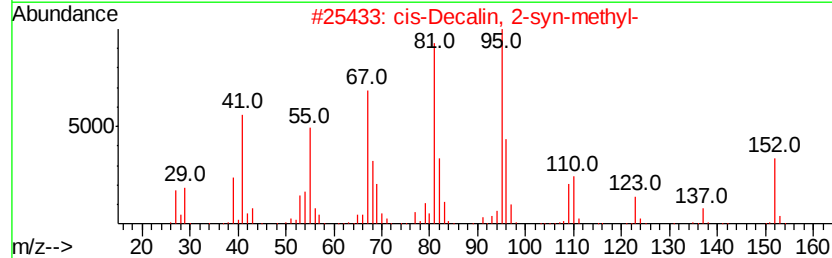
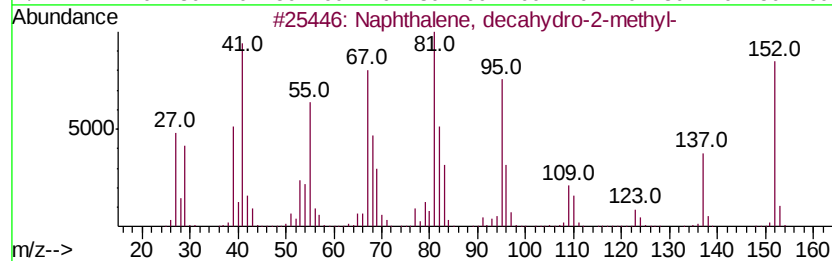
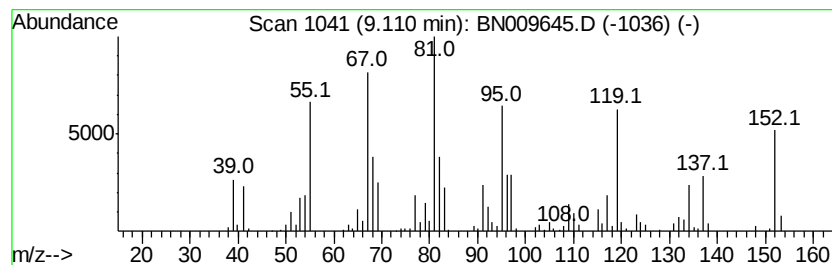
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	3.03 ng/ul	806572	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	60
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5		Pulegone	152	C10H16O	000089-82-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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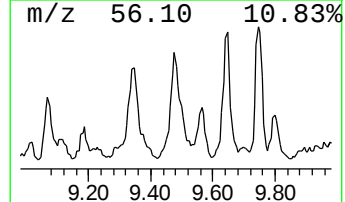
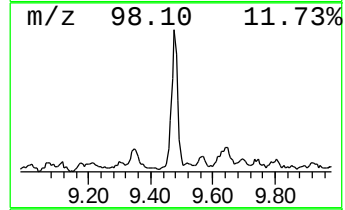
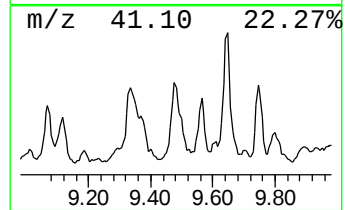
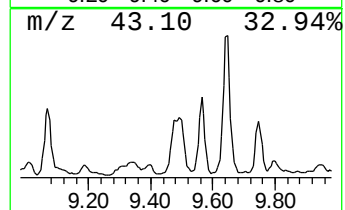
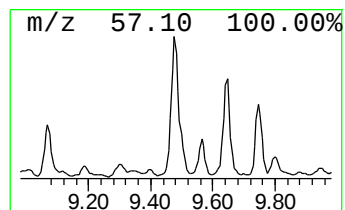
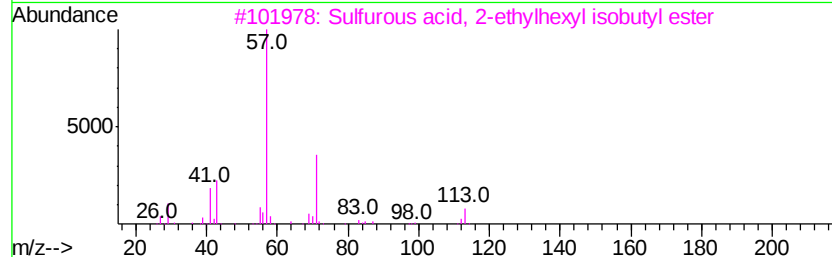
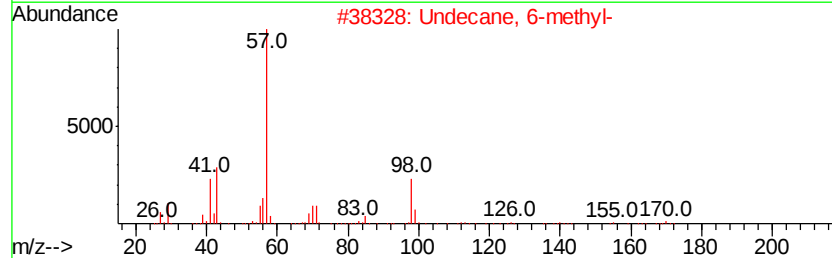
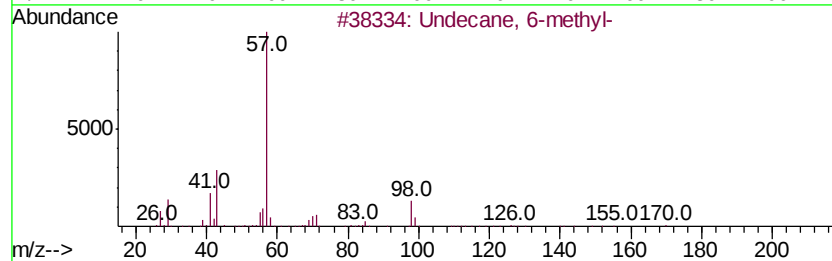
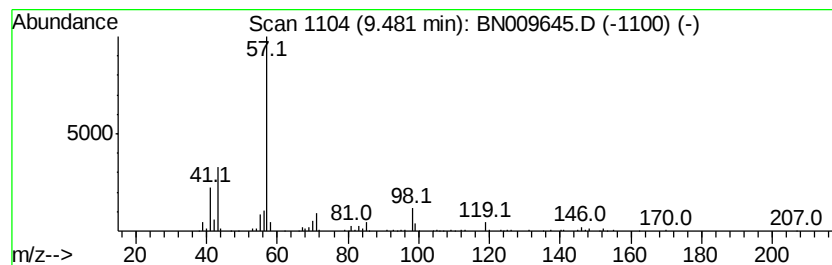
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.03 ng/ul	804979	Naphthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-methyl-	170	C12H26	017302-33-9	81
2			Undecane, 6-methyl-	170	C12H26	017302-33-9	50
3			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	43
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43
5			2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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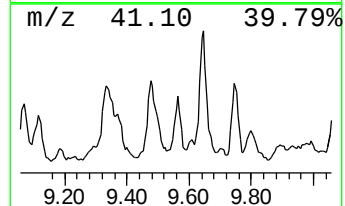
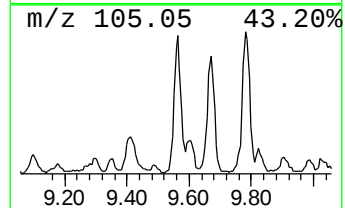
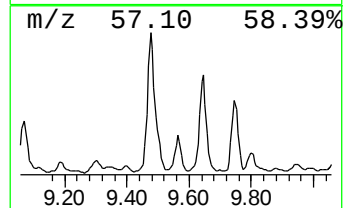
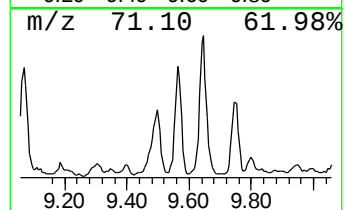
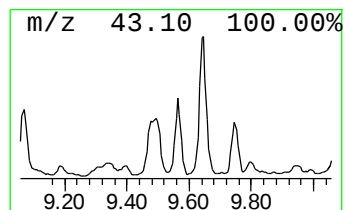
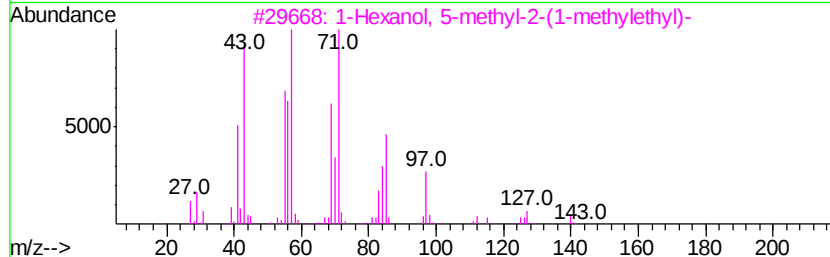
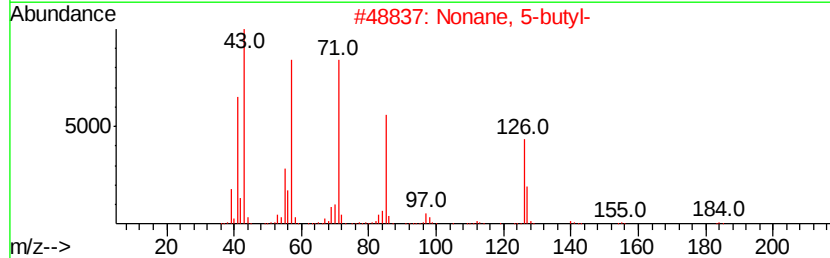
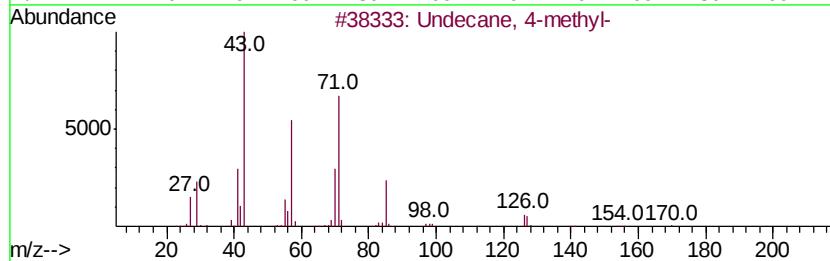
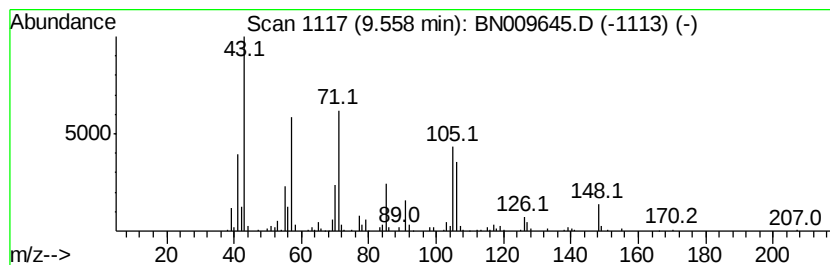
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.37 ng/ul	631365	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	90
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	38
3		1-Hexanol, 5-methyl-2-(1-methyl-...	158	C10H22O	002051-33-4	38
4		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	38
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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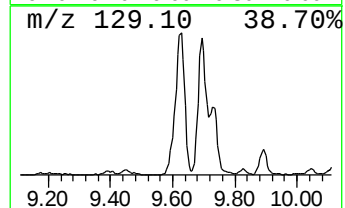
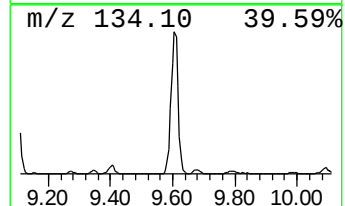
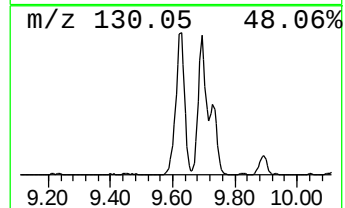
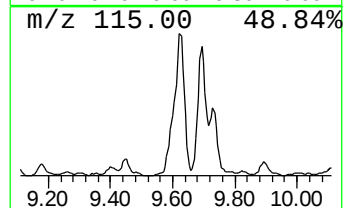
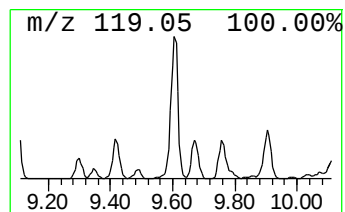
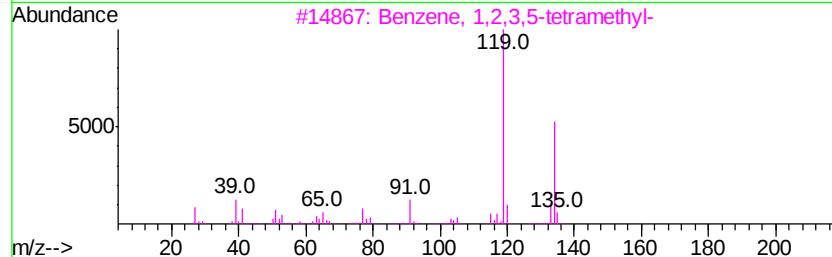
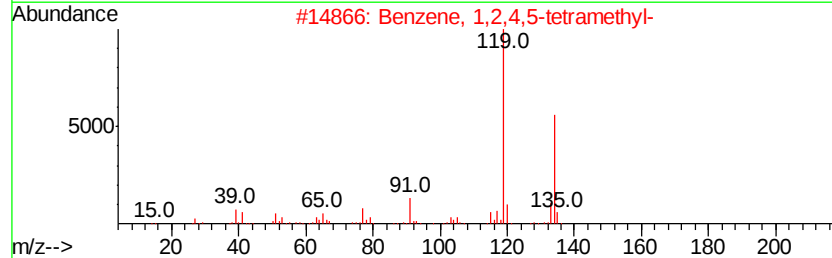
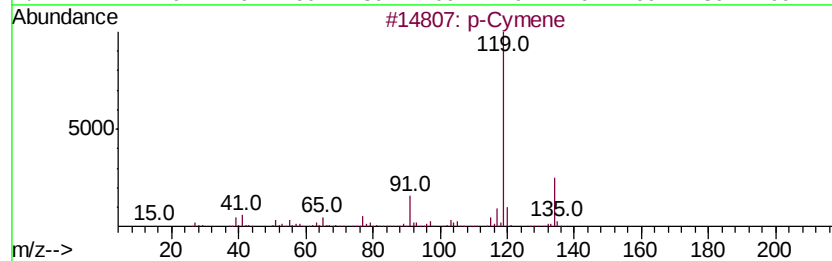
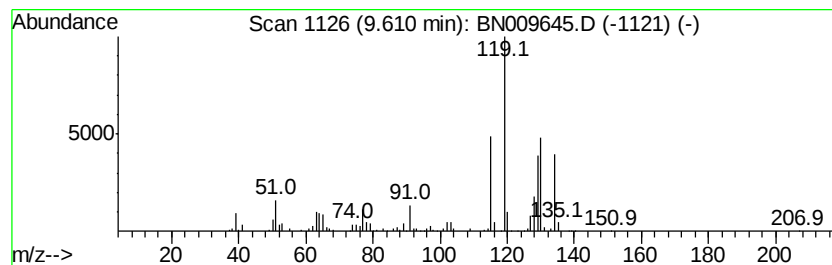
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 p-Cymene Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.35 ng/ul	892293	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	50
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	45
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5		o-Cymene	134	C10H14	000527-84-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

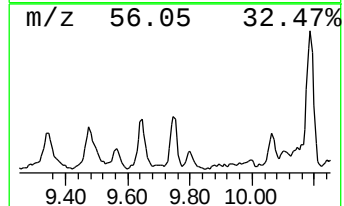
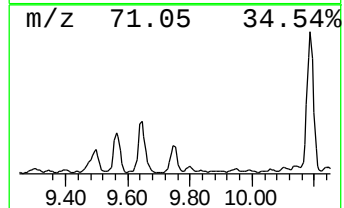
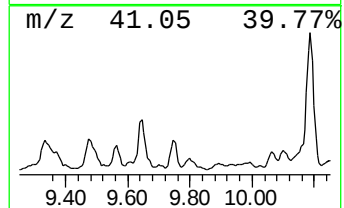
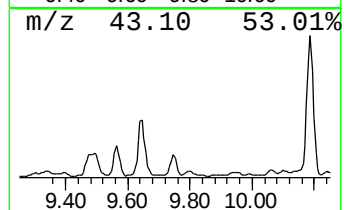
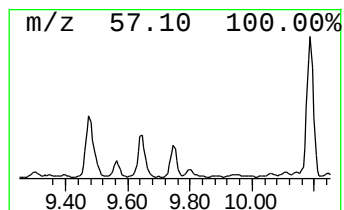
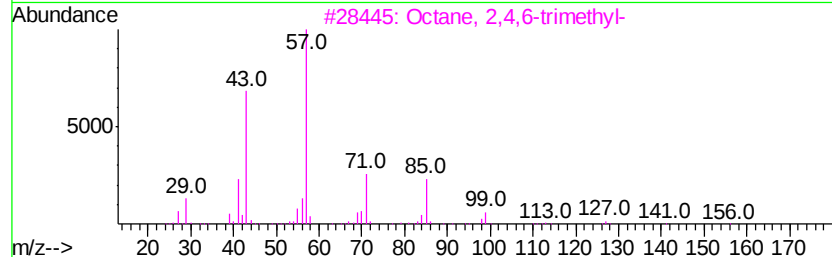
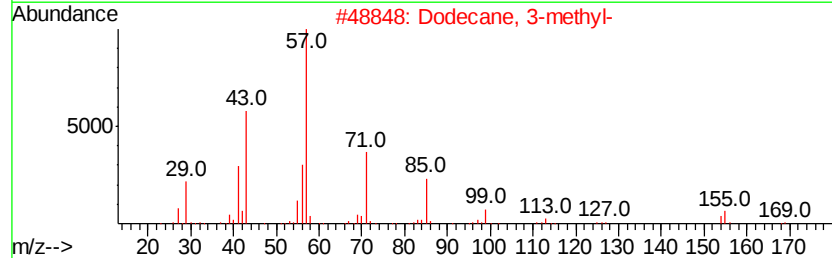
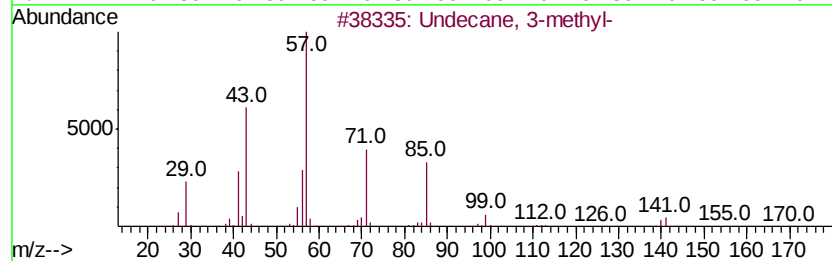
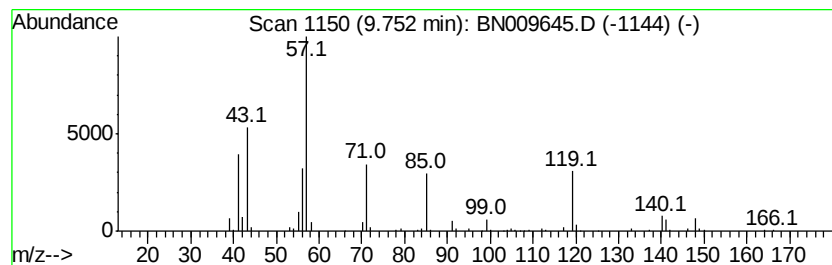
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.38 ng/ul	632929	Napthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	47
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

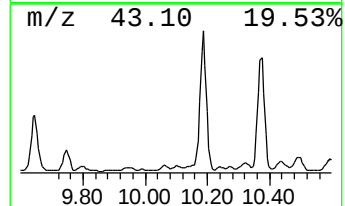
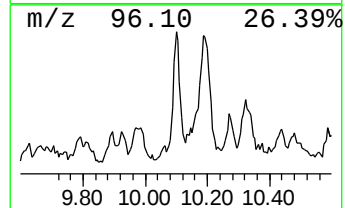
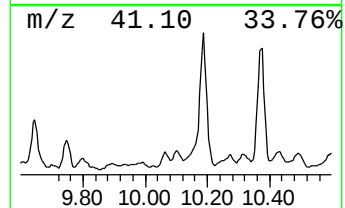
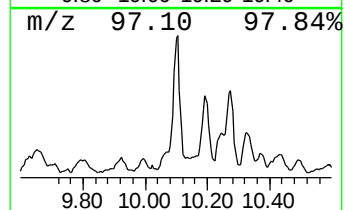
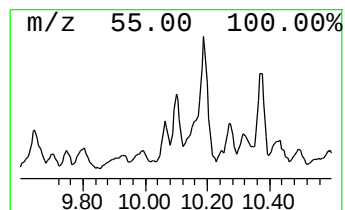
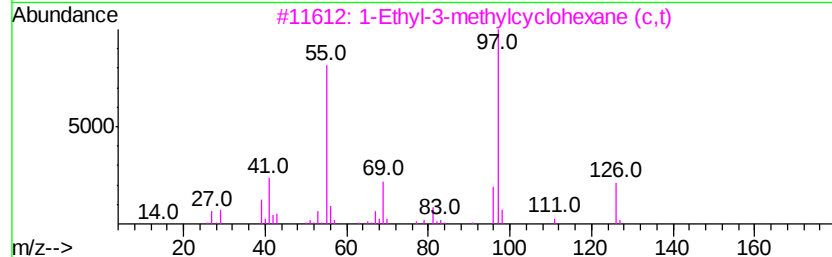
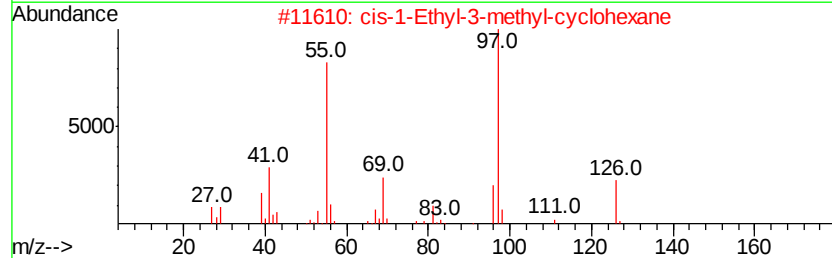
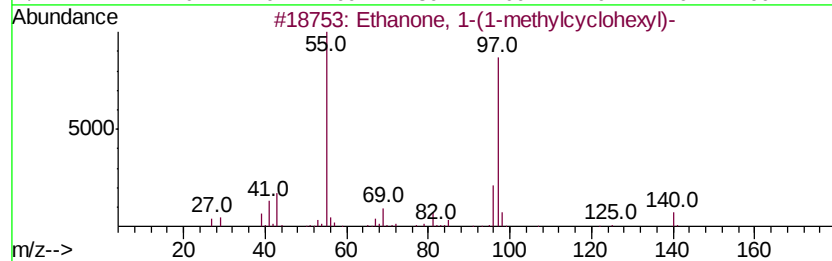
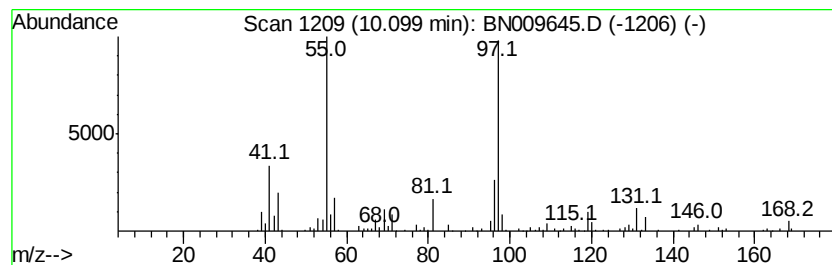
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.42 ng/ul	644030	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	50
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
5		Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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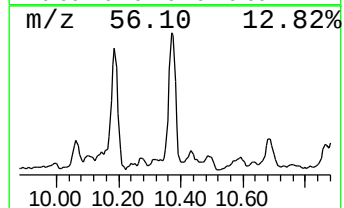
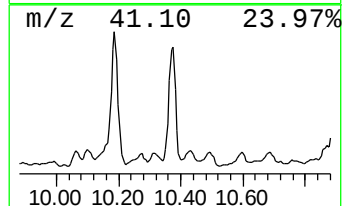
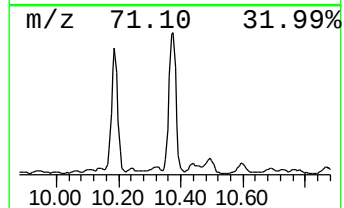
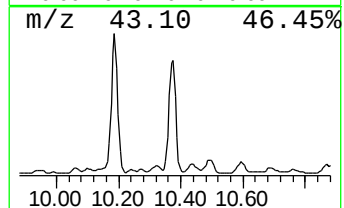
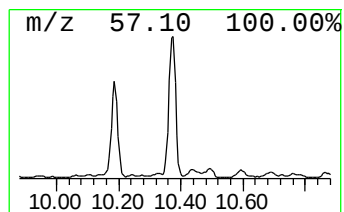
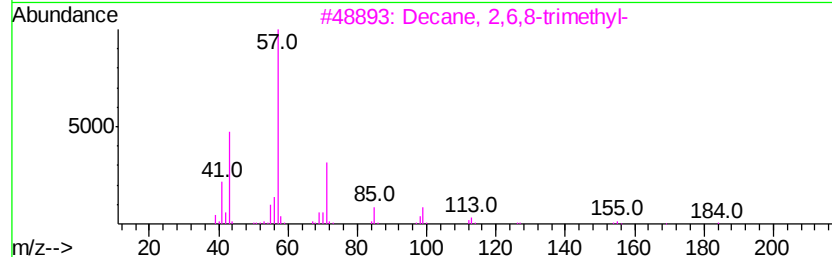
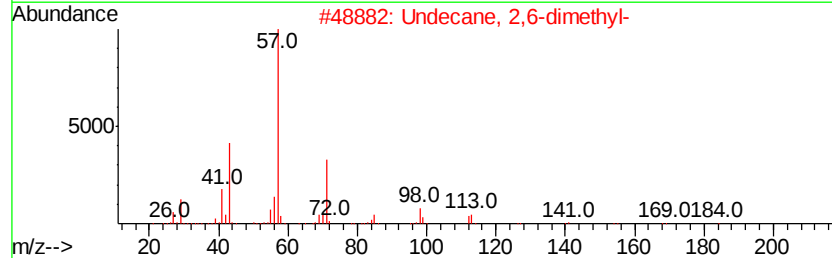
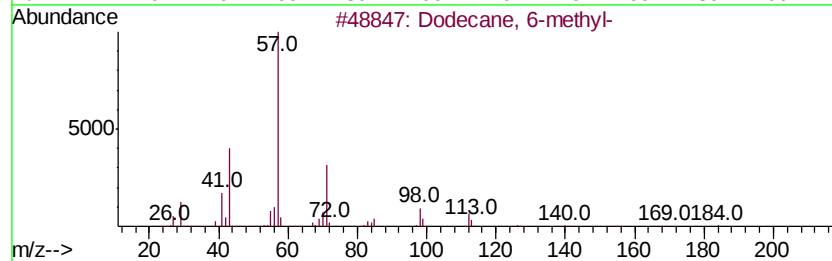
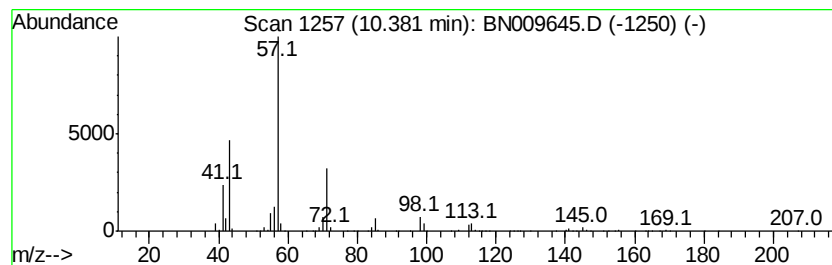
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	11.24 ng/ul	2991570	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	58
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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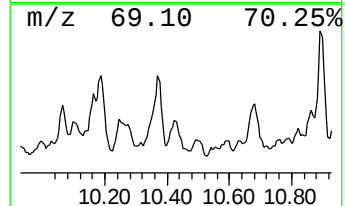
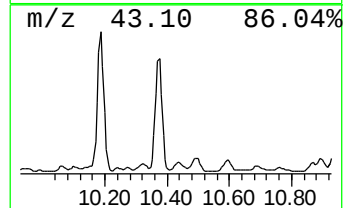
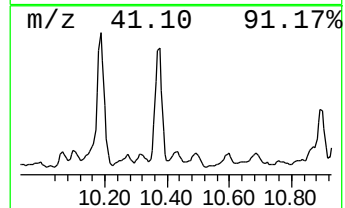
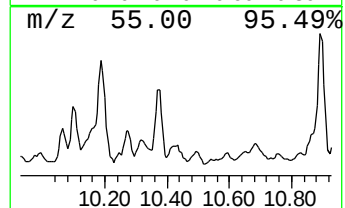
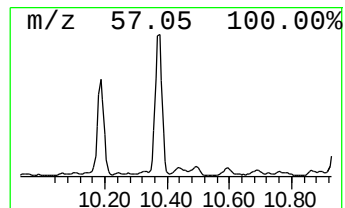
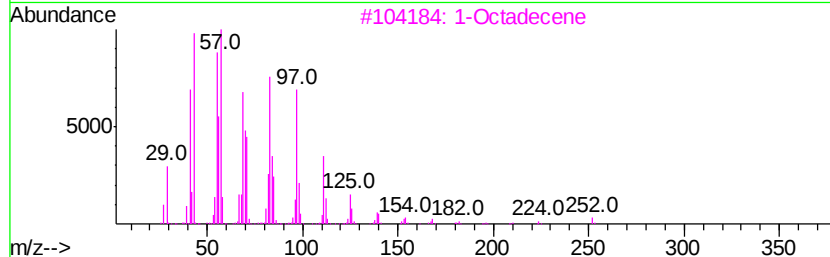
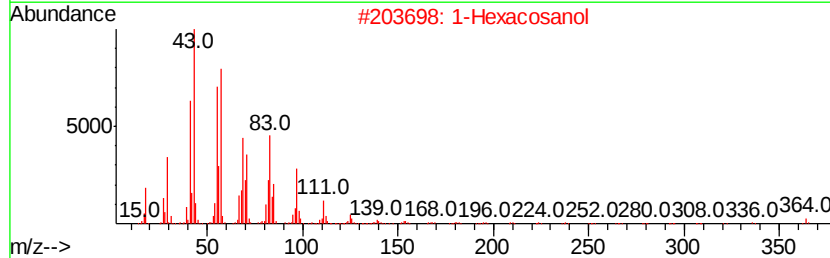
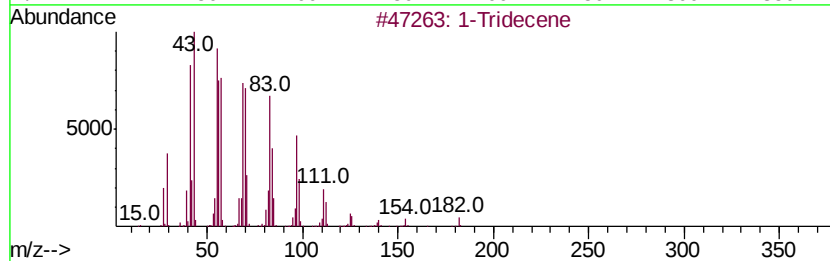
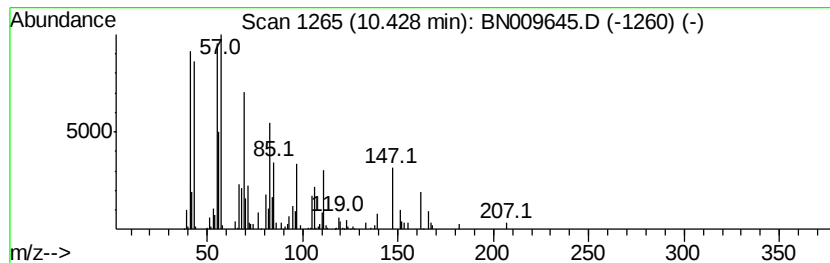
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.13 ng/ul	565690	Naphthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tridecene	182	C13H26	002437-56-1	49
2			1-Hexacosanol	382	C26H54O	000506-52-5	49
3			1-Octadecene	252	C18H36	000112-88-9	43
4			5-Tetradecene, (E)-	196	C14H28	041446-66-6	38
5			Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

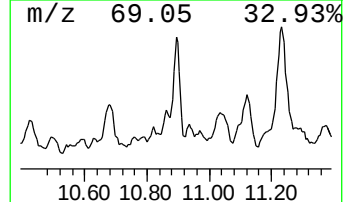
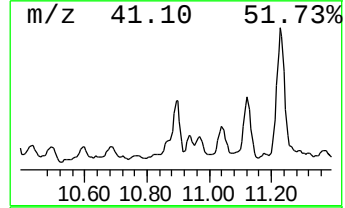
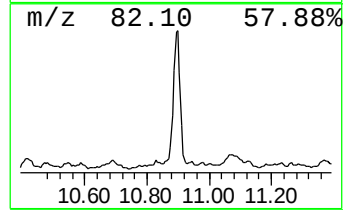
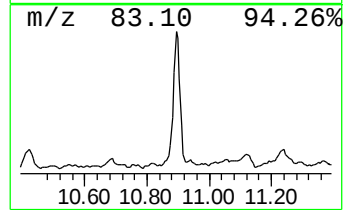
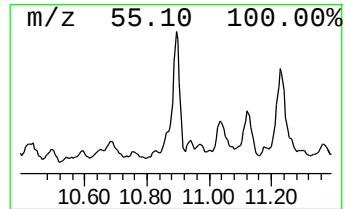
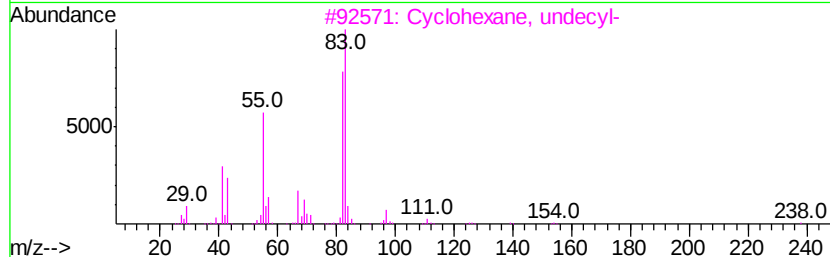
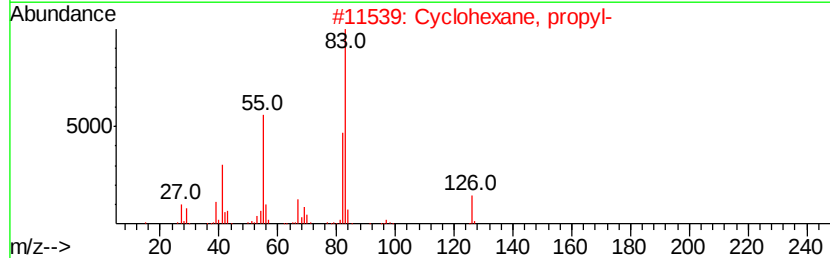
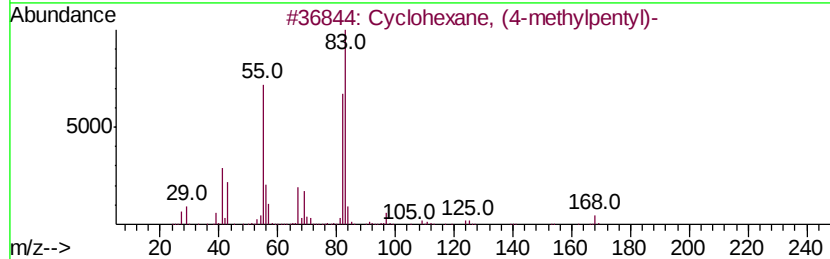
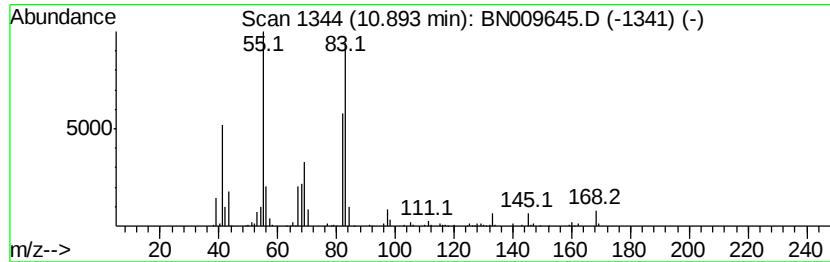
Instrument :
BNA_N
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic10.89 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	3.35 ng/ul	890731	Naphthalene-d8	10.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2	Cvclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cvclohexane, undecyl-	238	C17H34	054105-66-7	64
4	Cvclohexane, pentyl-	154	C11H22	004292-92-6	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Acq On : 07 Feb 2020 13:12
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

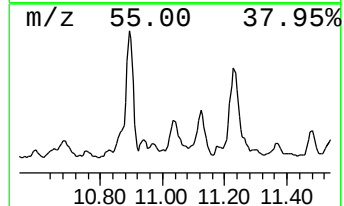
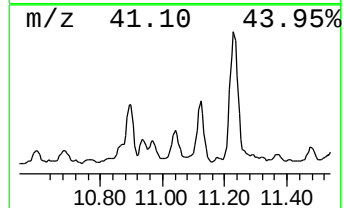
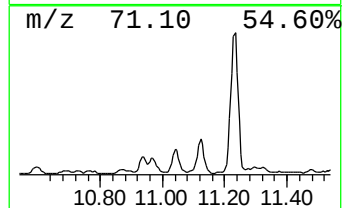
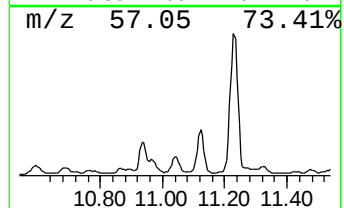
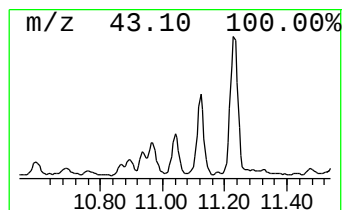
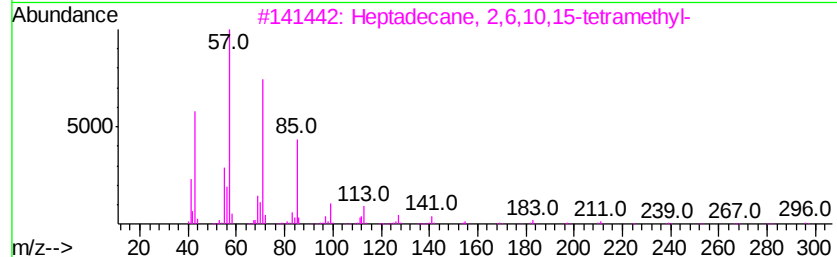
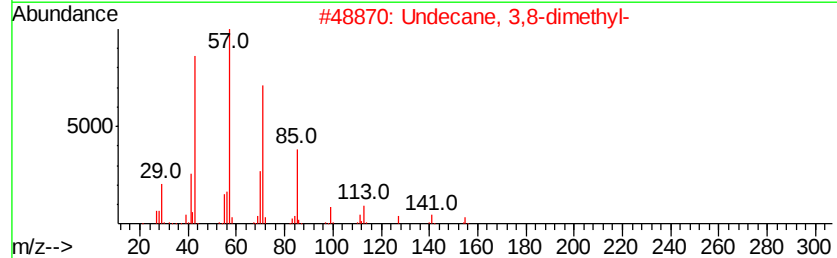
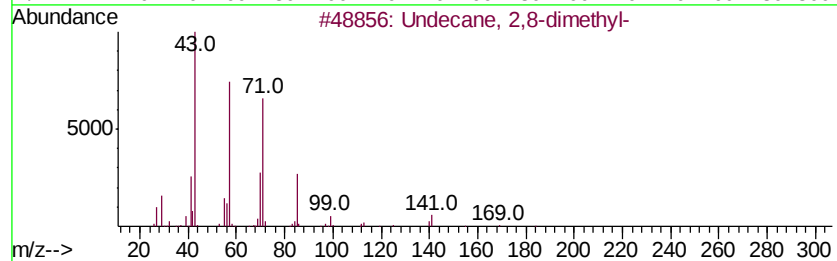
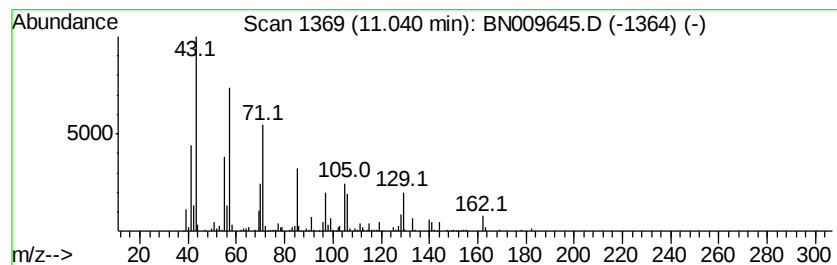
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.02 ng/ul	803949	Naphthalene-d8	10.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	43
2			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	43
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	38
5			Nonadecane	268	C19H40	000629-92-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

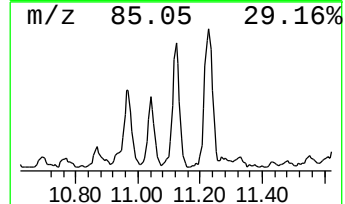
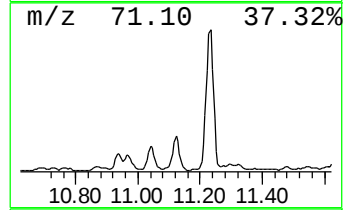
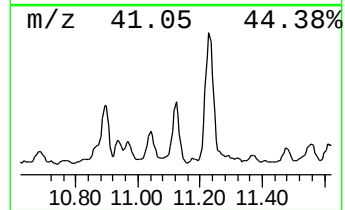
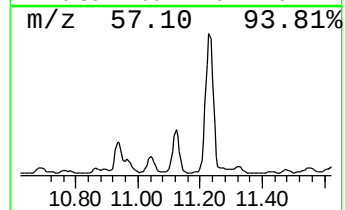
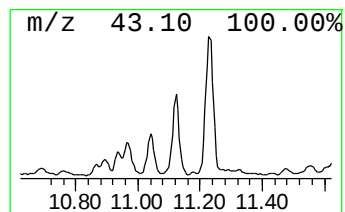
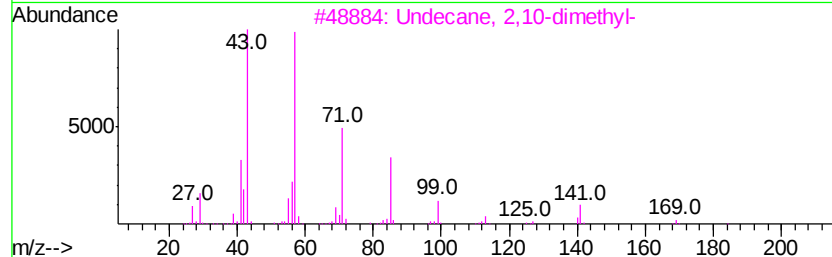
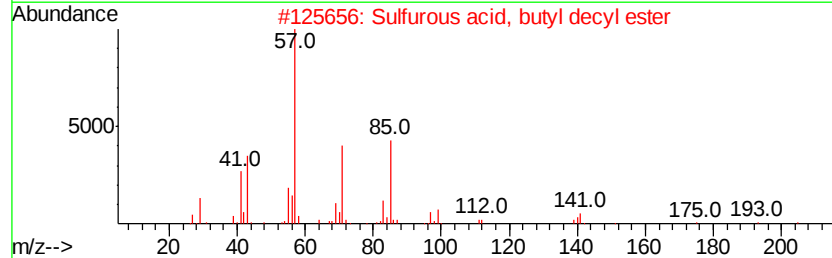
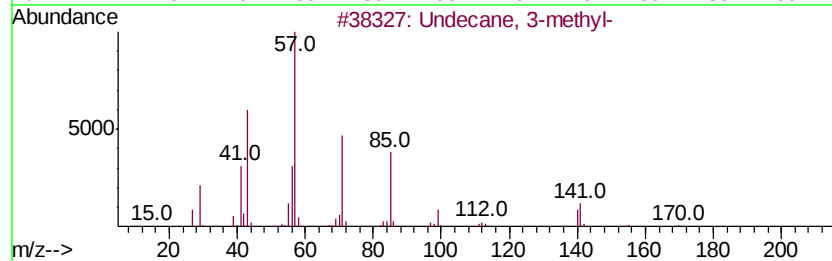
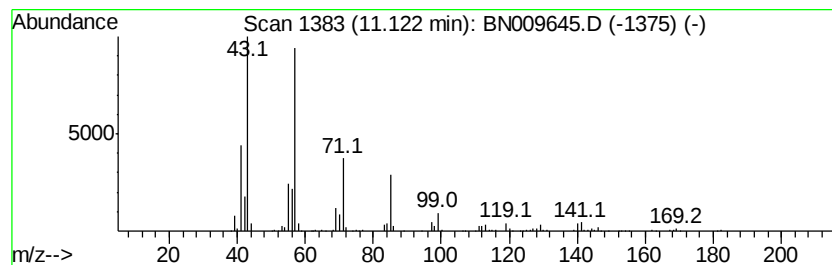
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.81 ng/ul	1546570	Napthalene-d8	10.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	86
2	Sulfurous acid, butyl decyl ester		278	C14H30O3S	1000309-17-7	80
3	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	72
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	64
5	Tridecane		184	C13H28	000629-50-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

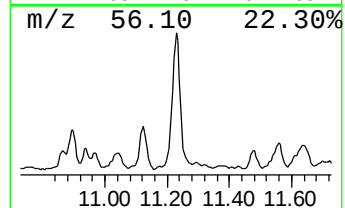
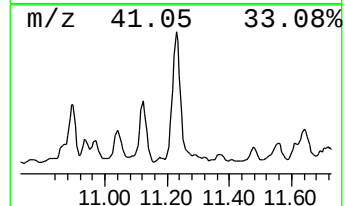
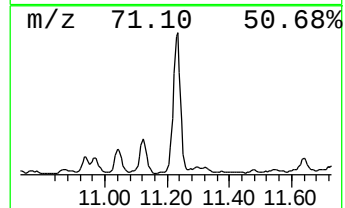
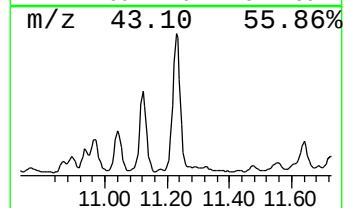
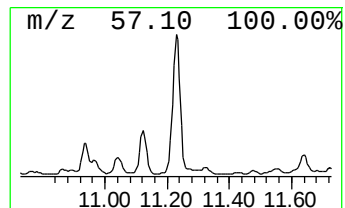
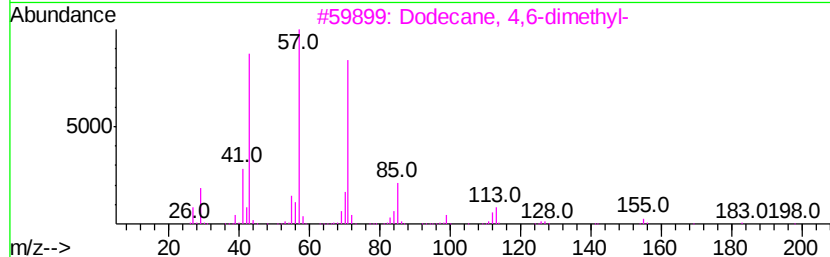
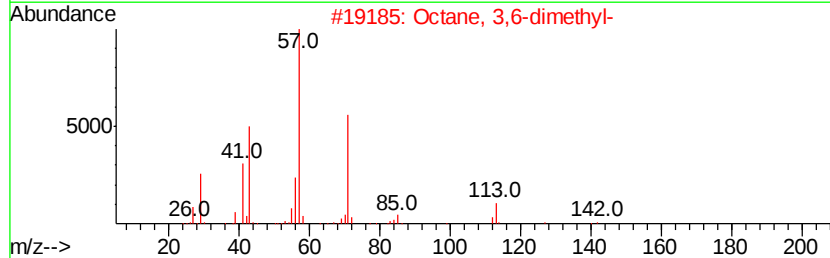
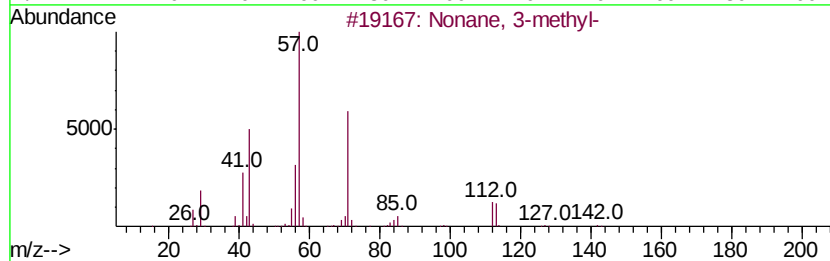
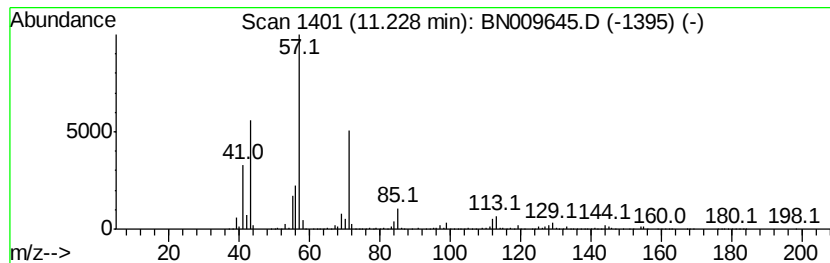
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Quant Title : SVOA CALIBRATION

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.
11.23	13.60 ng/ul	3618390	Napthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
4		Octane, 2-methyl-	128	C9H20	003221-61-2	64
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

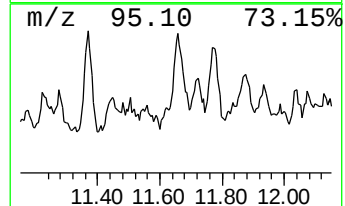
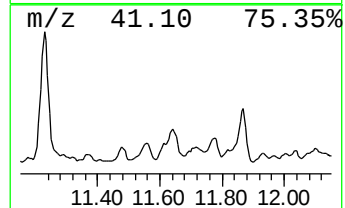
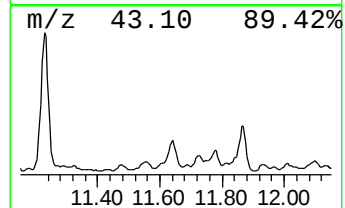
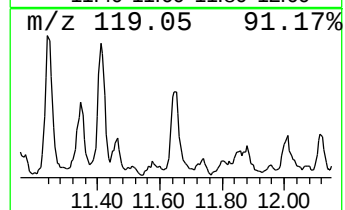
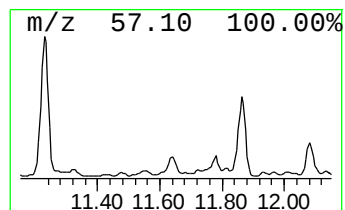
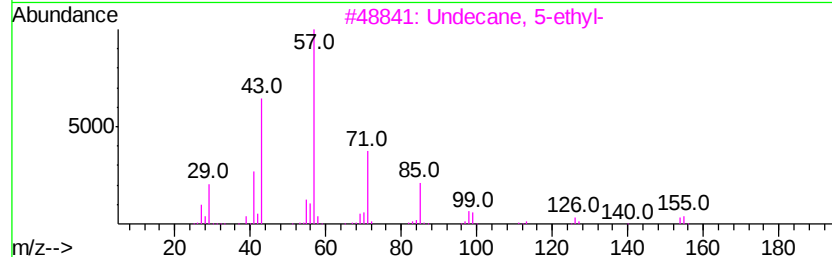
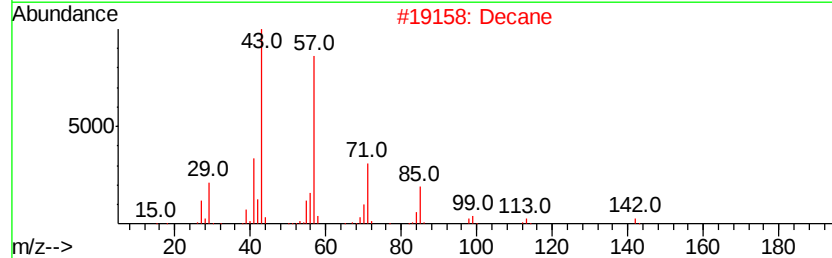
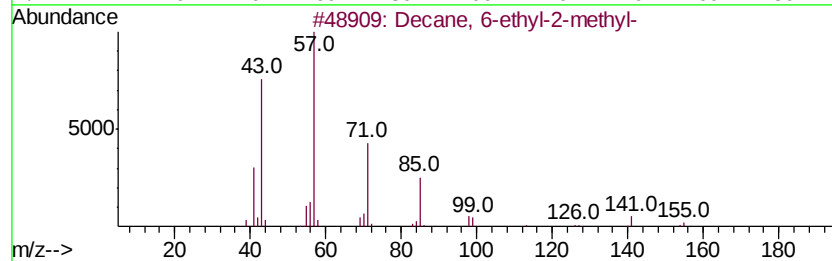
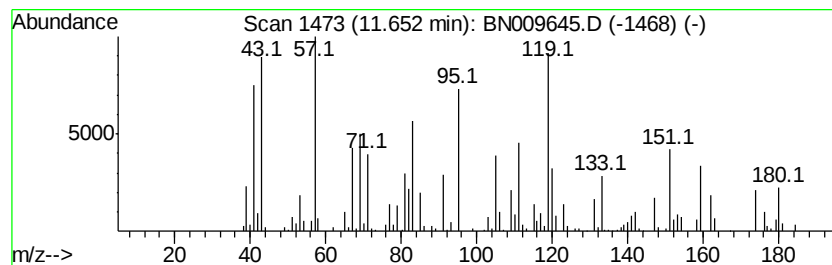
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.10 ng/ul	559509	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	22
2		Decane	142	C10H22	000124-18-5	22
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	22
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22
5		Hexadecane	226	C16H34	000544-76-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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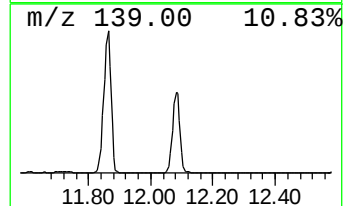
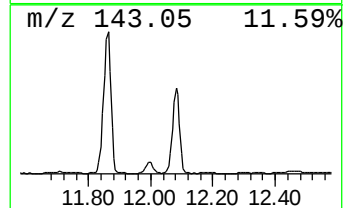
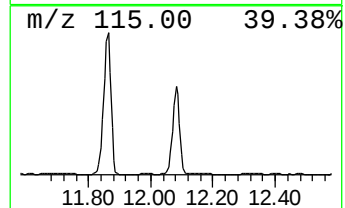
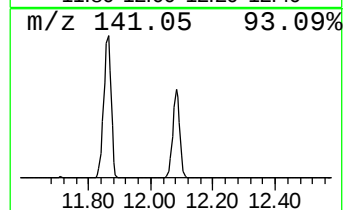
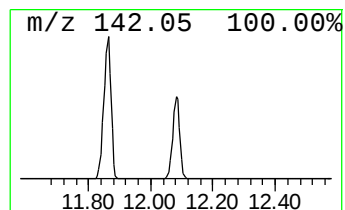
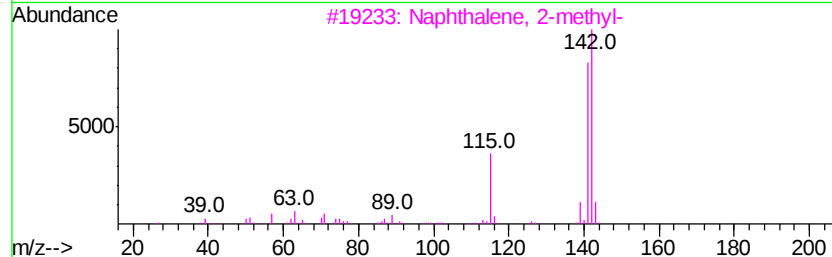
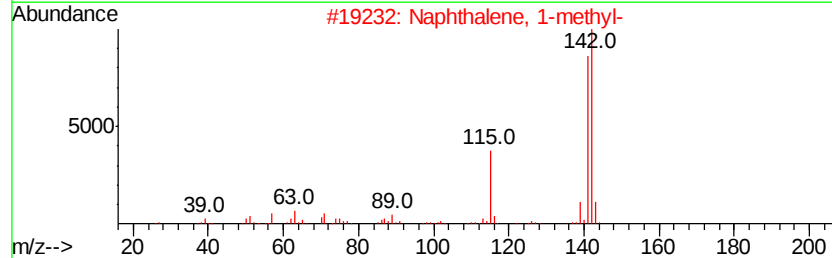
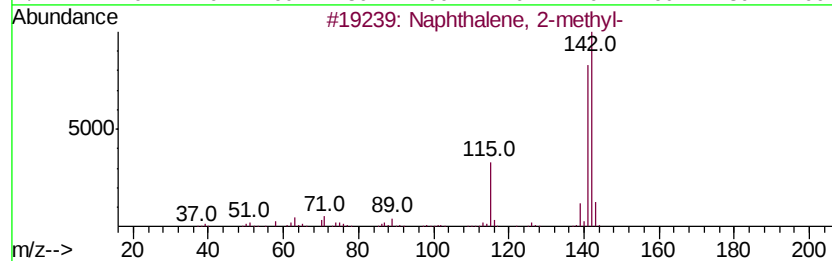
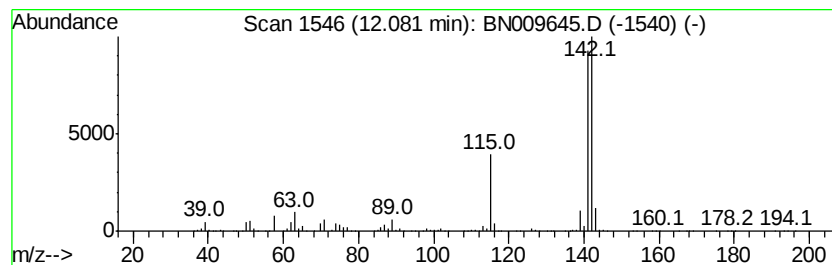
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	34.08 ng/ul	9065820	Naphthalene-d8	10.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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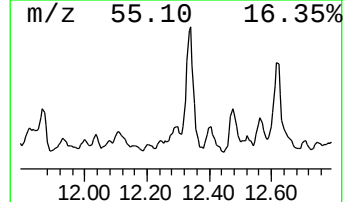
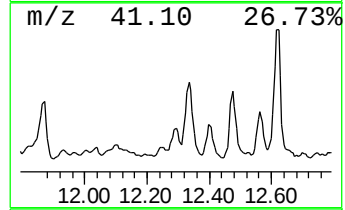
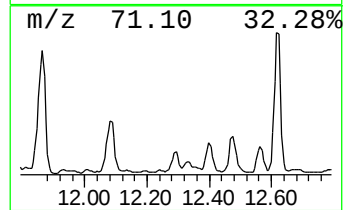
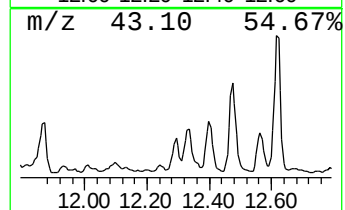
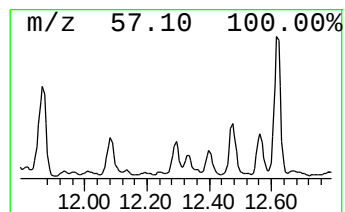
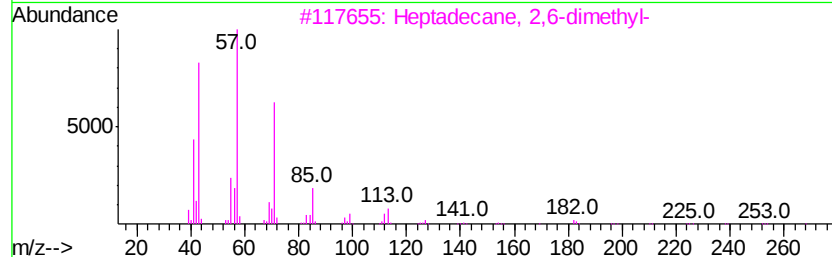
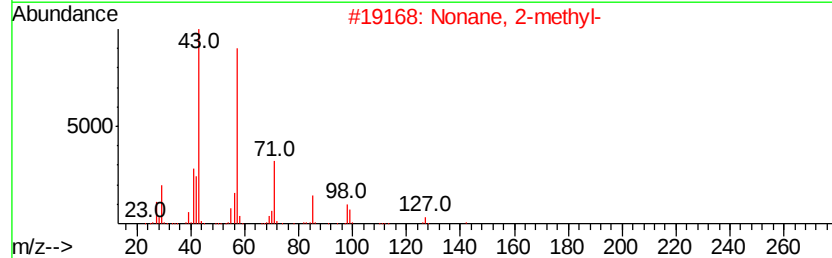
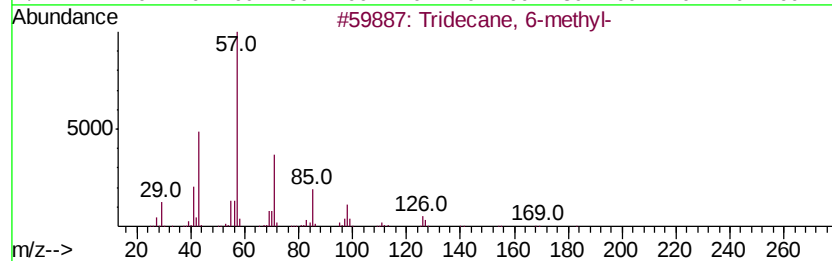
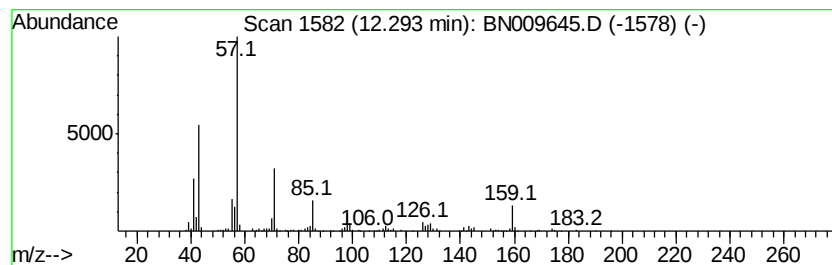
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.10 ng/ul	749632	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	50
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	43
4			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	43
5			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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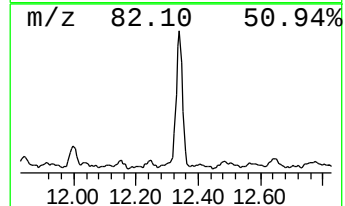
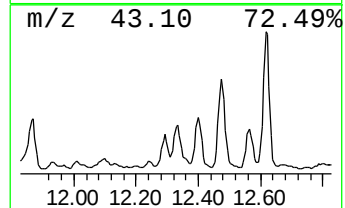
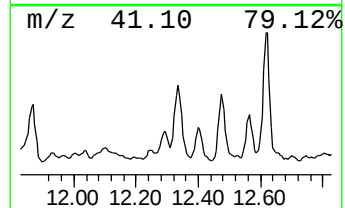
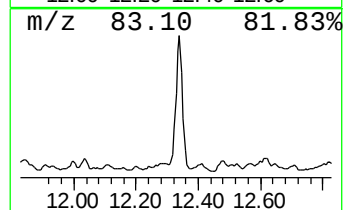
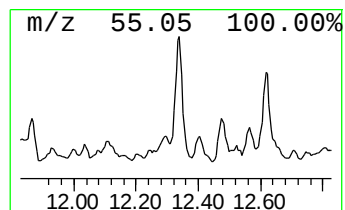
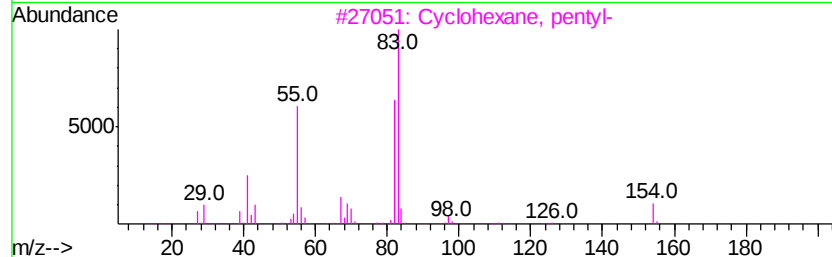
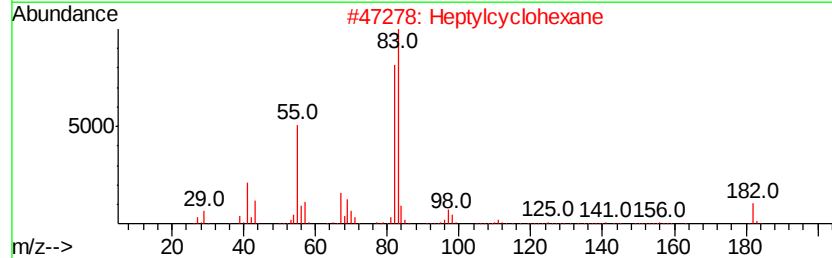
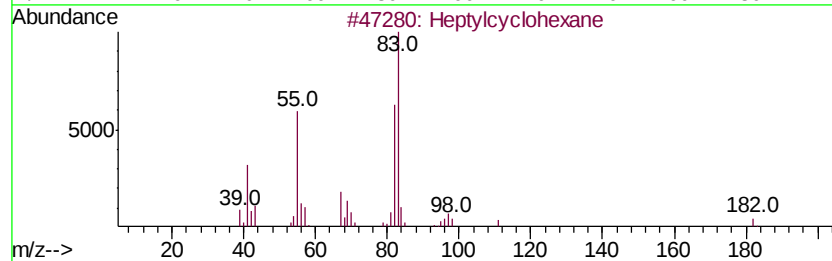
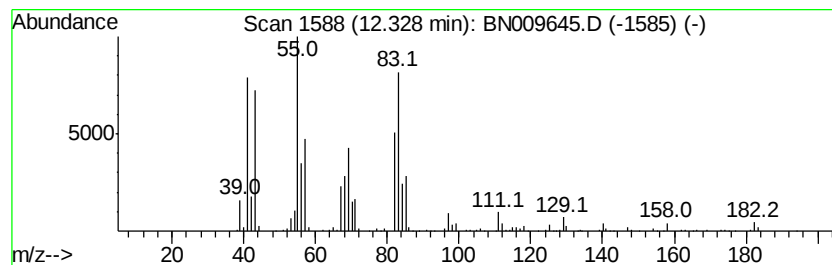
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	9.38 ng/ul	1712820	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	80
2			Heptylcyclohexane	182	C13H26	005617-41-4	64
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

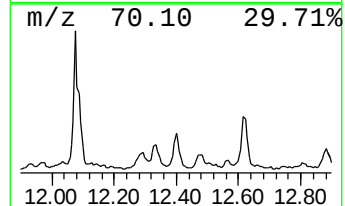
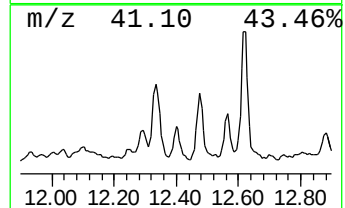
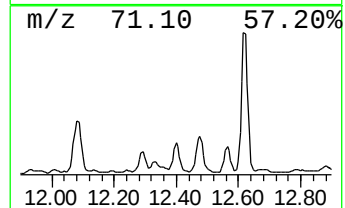
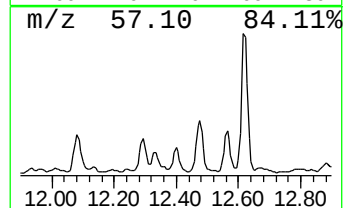
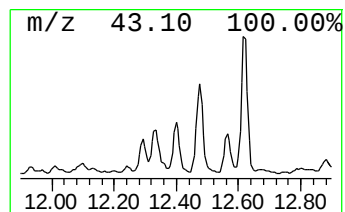
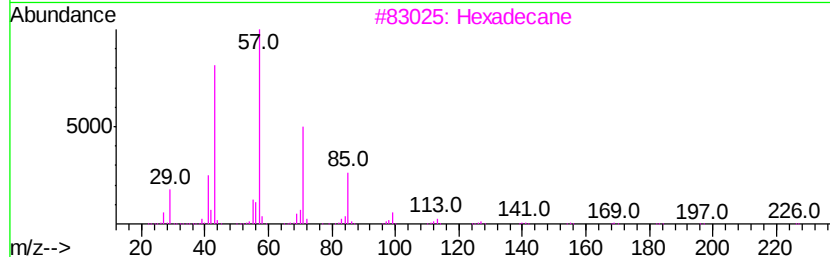
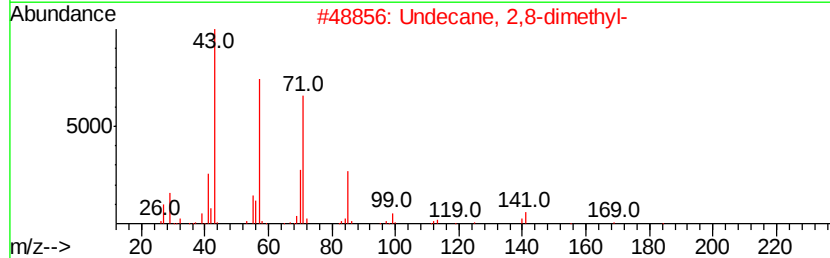
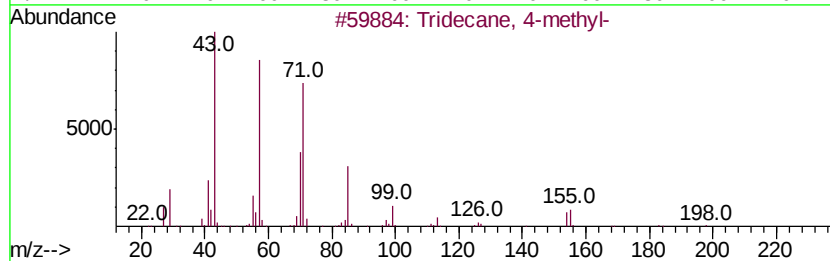
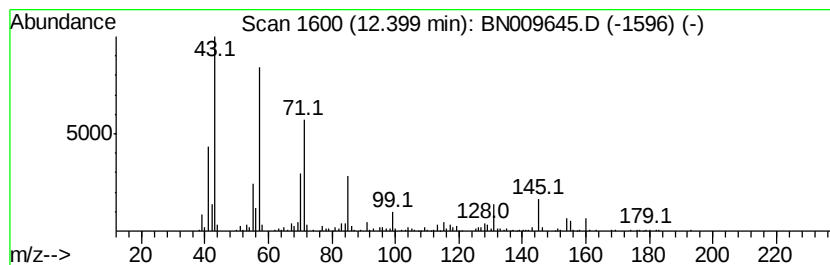
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	4.80 ng/ul	876339	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 4-methyl-	198 C14H30	026730-12-1 72
2		Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6 64
3		Hexadecane	226 C16H34	000544-76-3 52
4		Decane, 4-methyl-	156 C11H24	002847-72-5 49
5		Decane, 3-methyl-	156 C11H24	013151-34-3 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

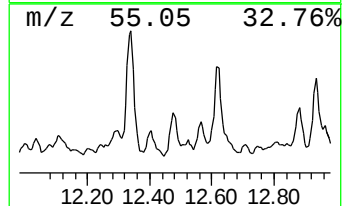
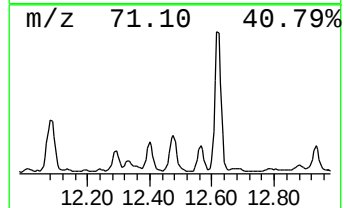
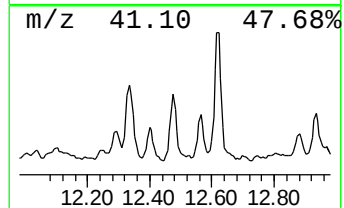
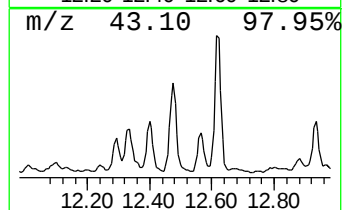
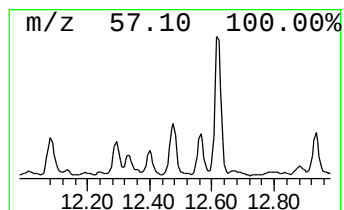
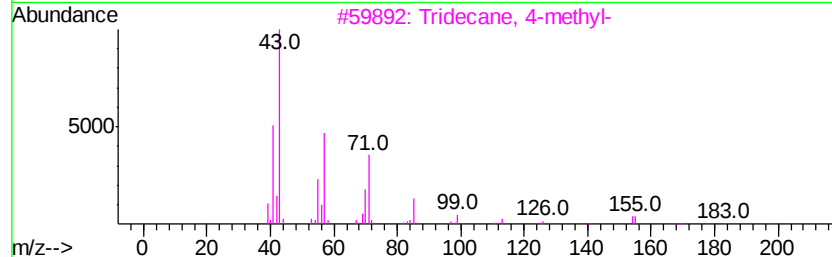
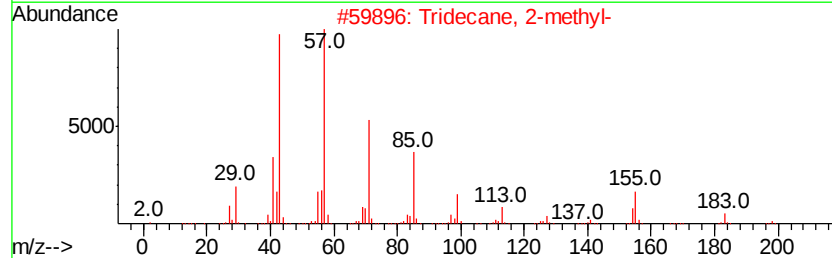
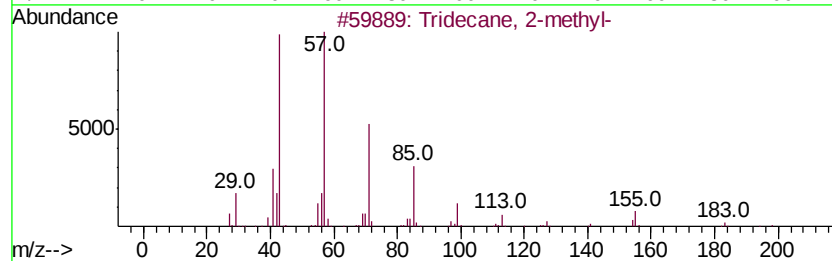
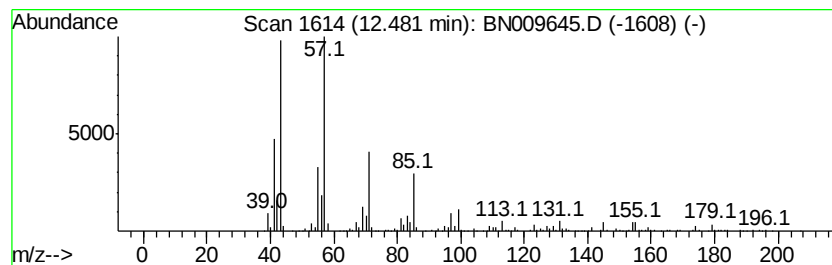
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.28 ng/ul	1329420	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	68
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

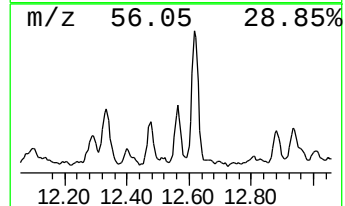
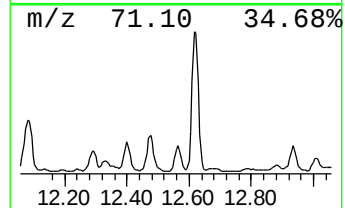
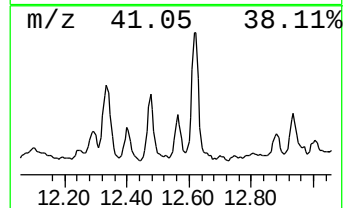
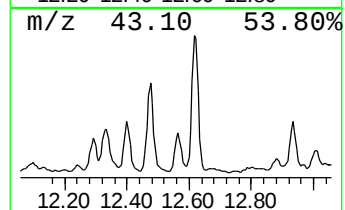
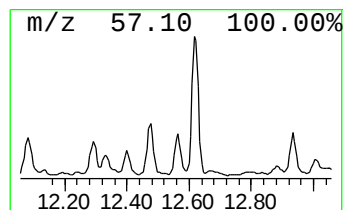
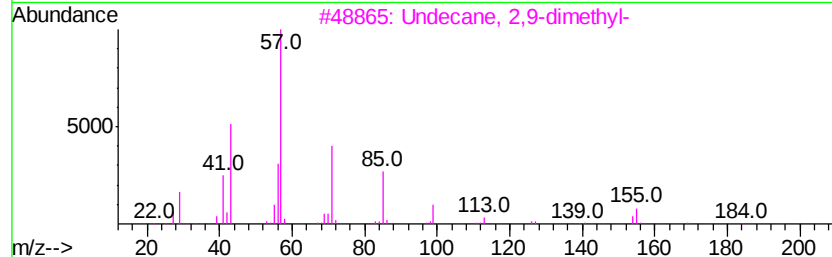
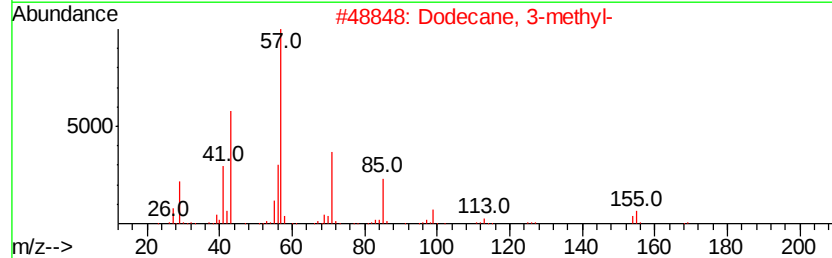
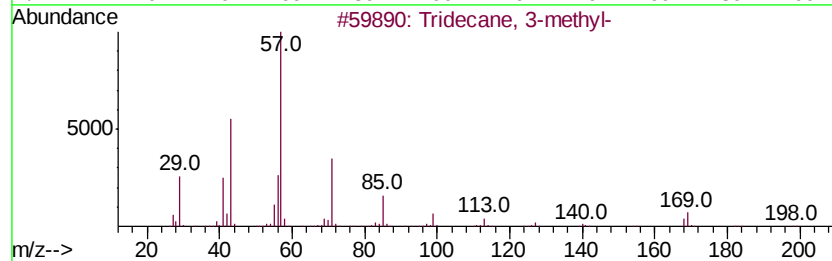
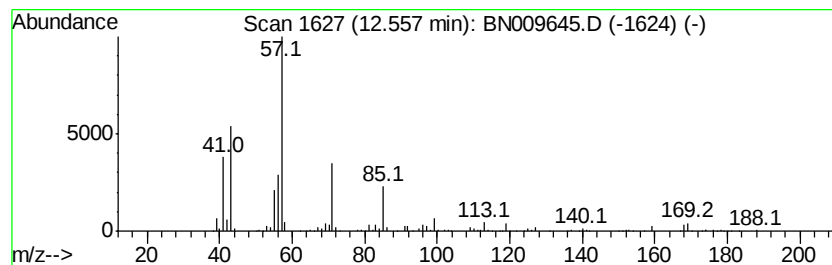
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.00 ng/ul	913071	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
5			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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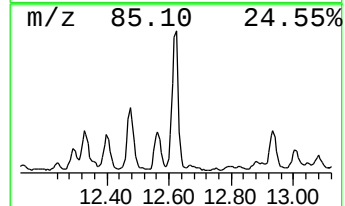
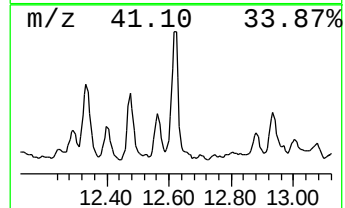
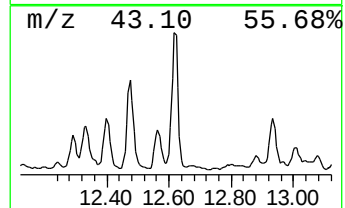
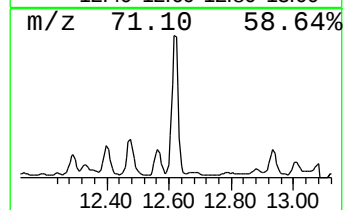
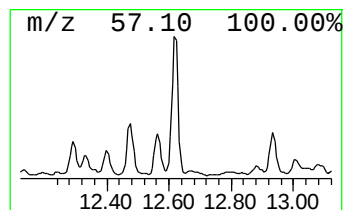
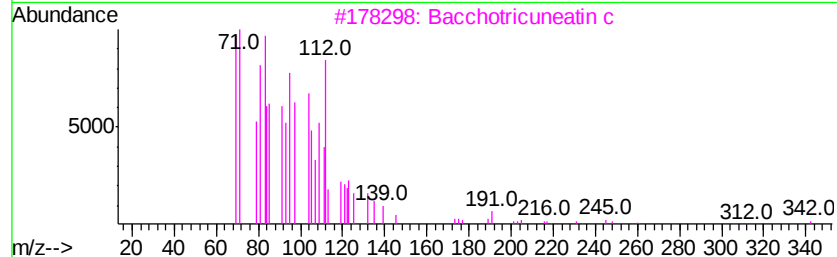
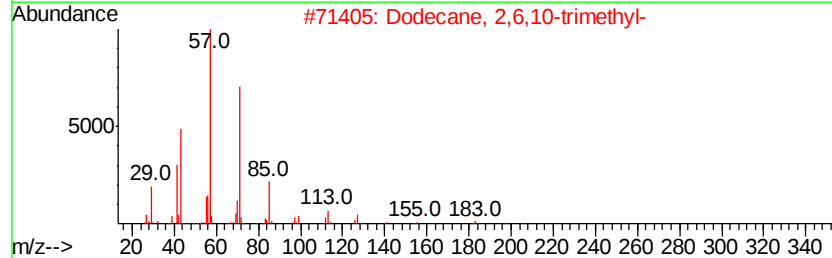
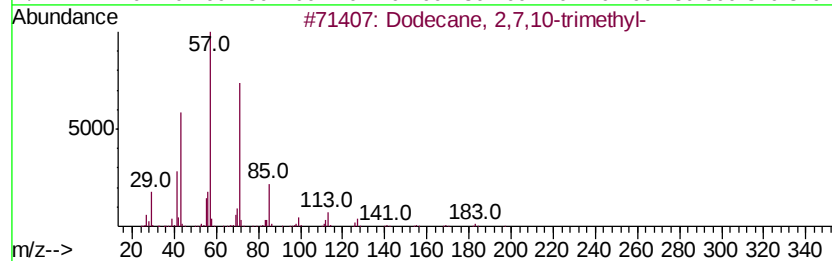
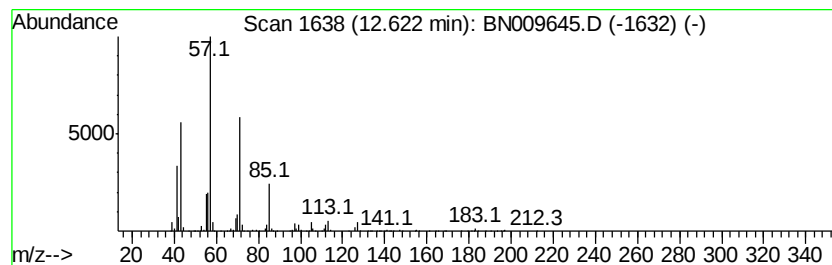
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	16.40 ng/ul	2996160	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5		Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

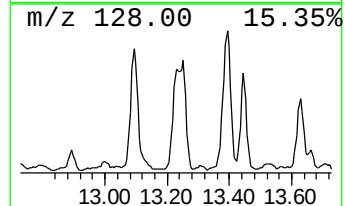
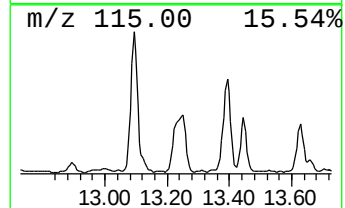
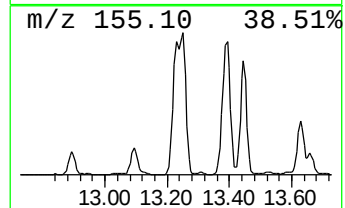
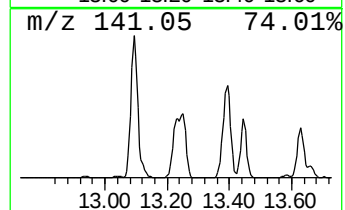
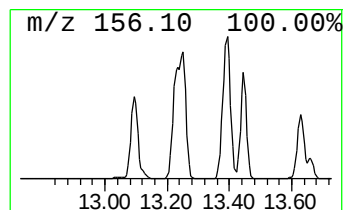
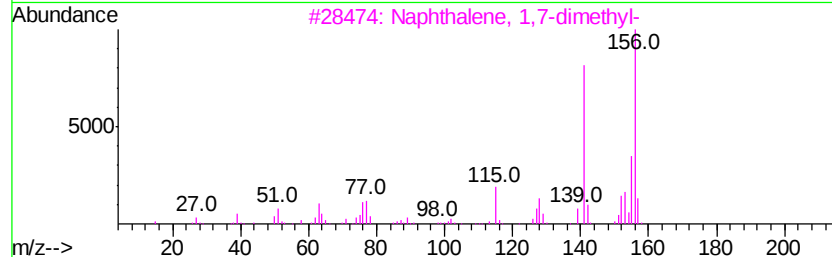
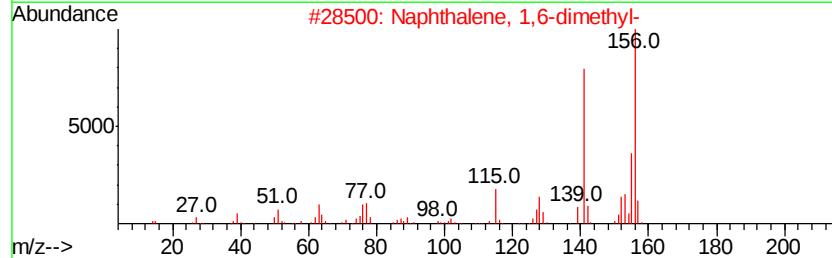
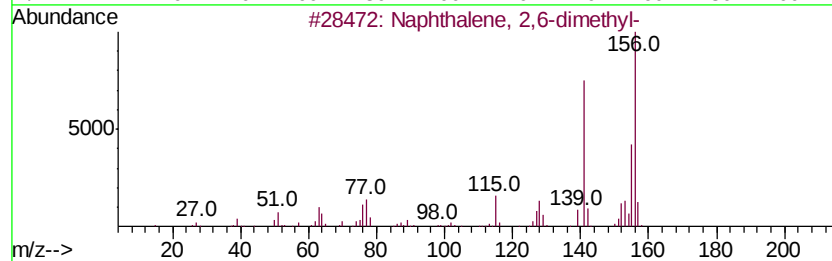
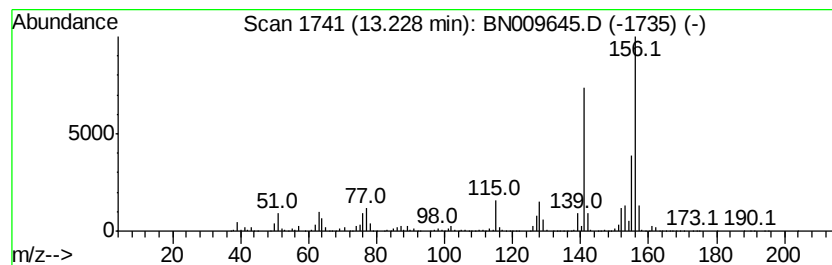
Instrument :
BNA_N
ClientSampleId :
GAT67DL

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 31 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	23.15 ng/ul	4228480	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

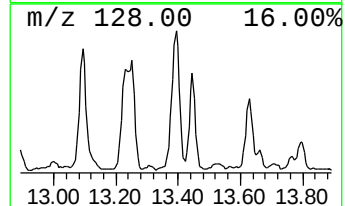
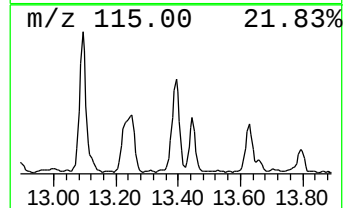
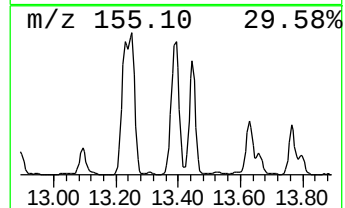
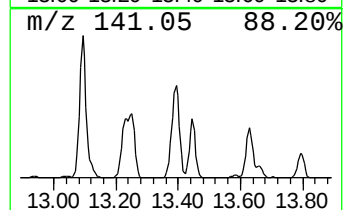
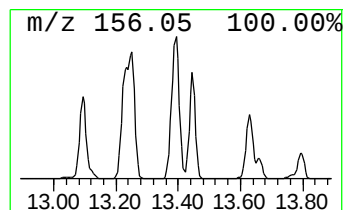
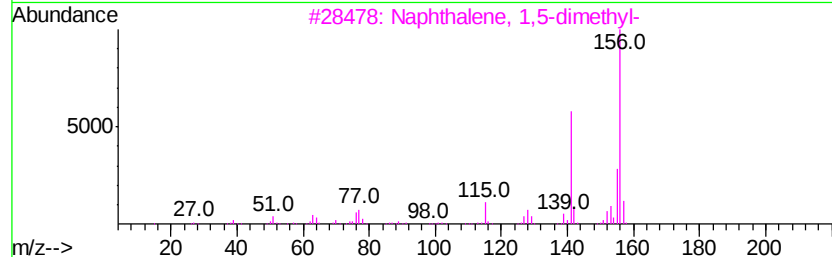
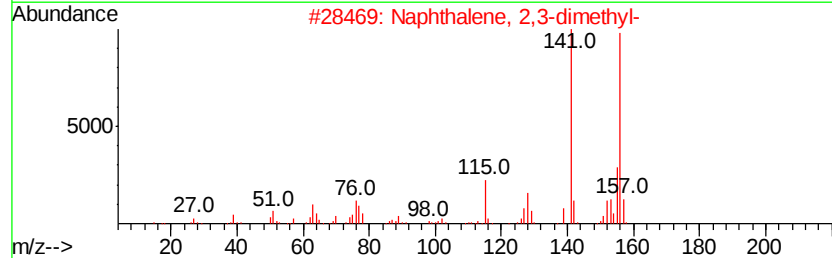
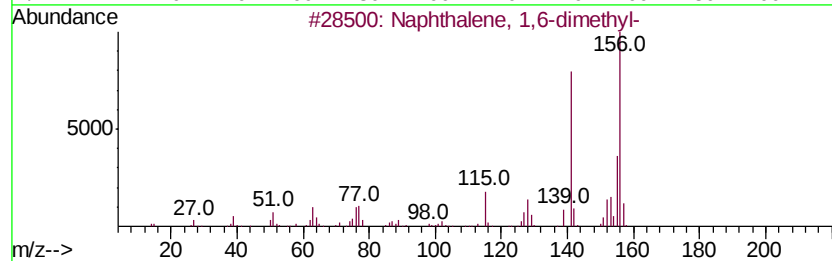
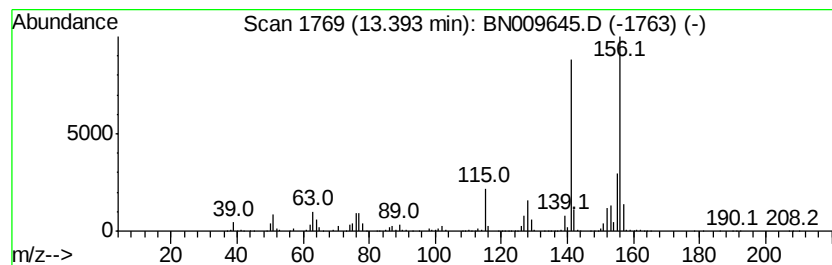
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	31.31 ng/ul	5718480	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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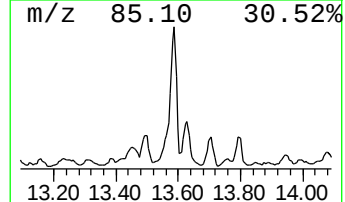
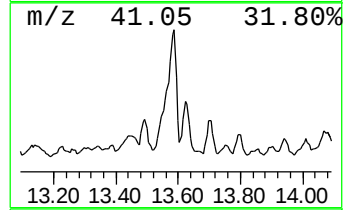
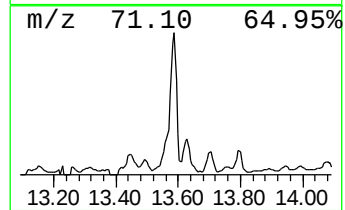
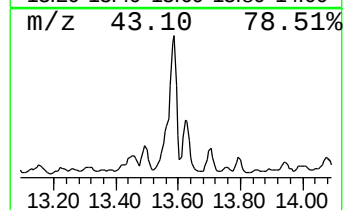
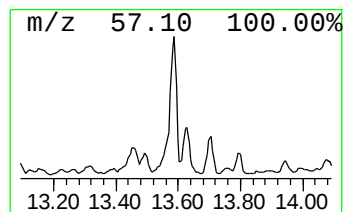
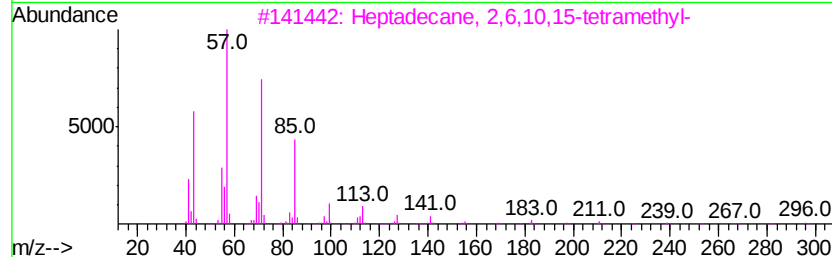
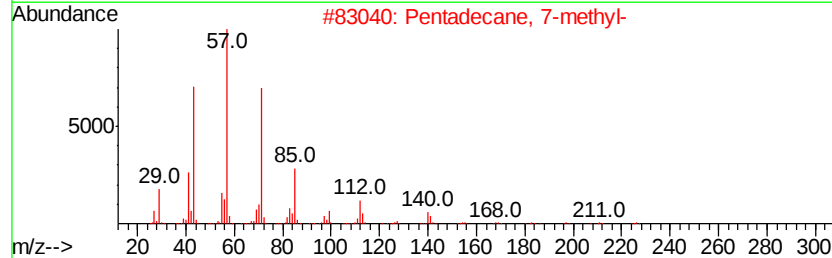
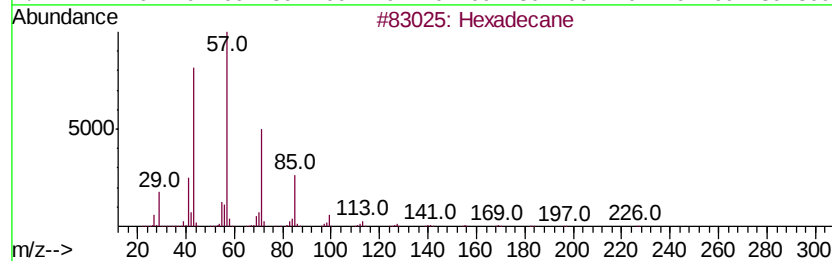
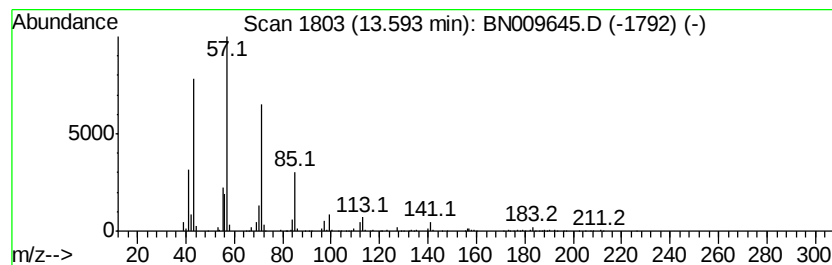
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	15.31 ng/ul	2795710	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

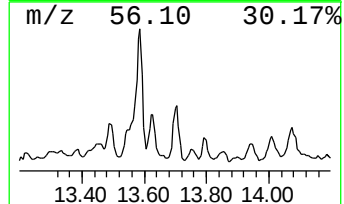
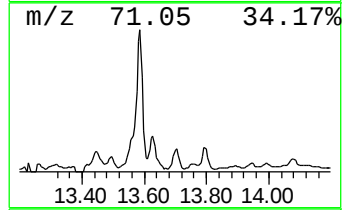
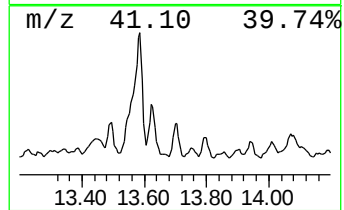
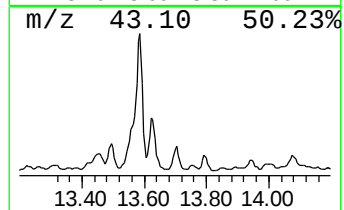
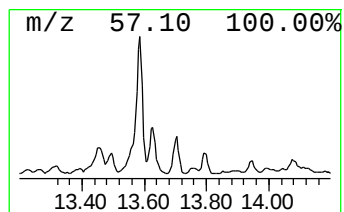
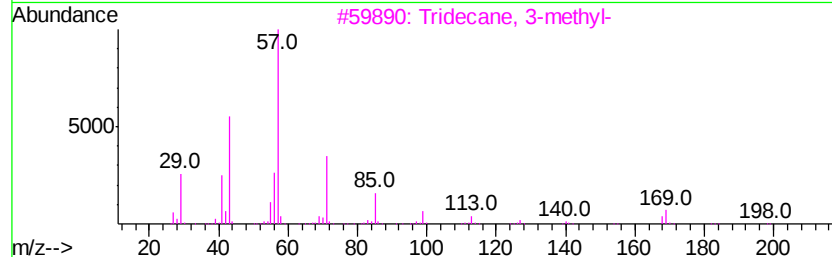
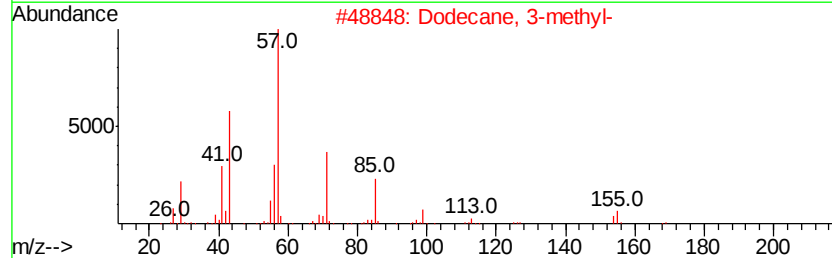
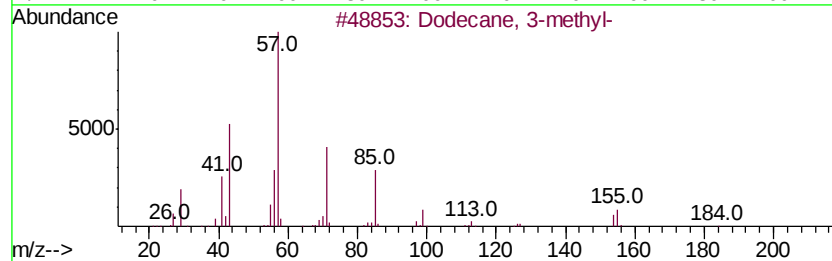
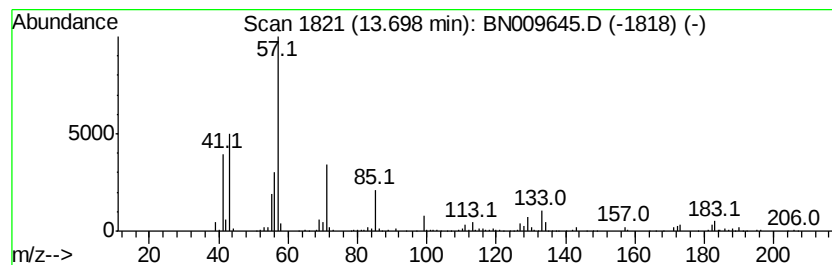
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.18 ng/ul	580452	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	47
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

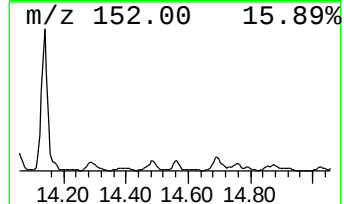
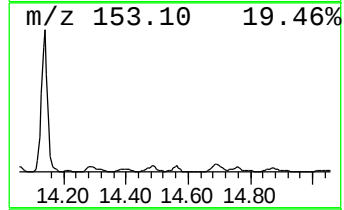
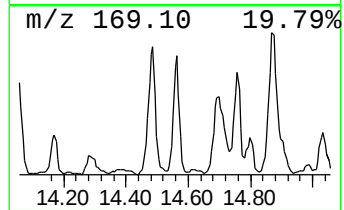
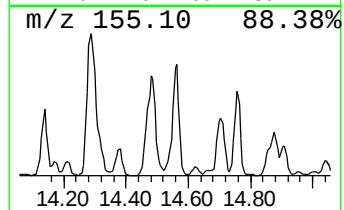
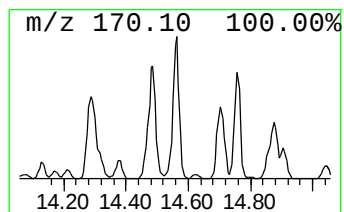
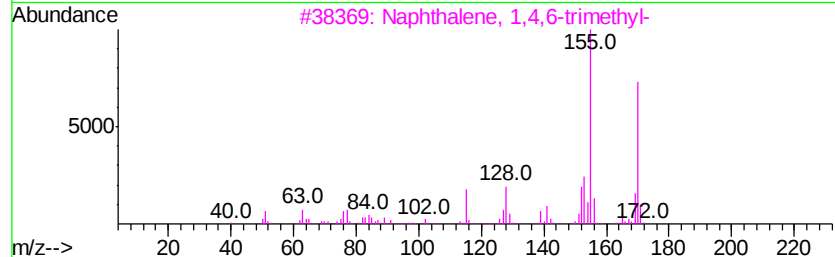
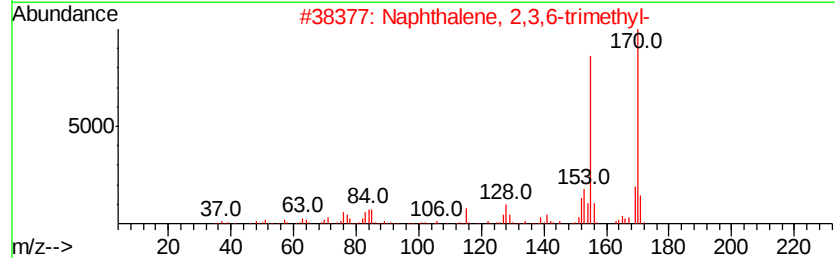
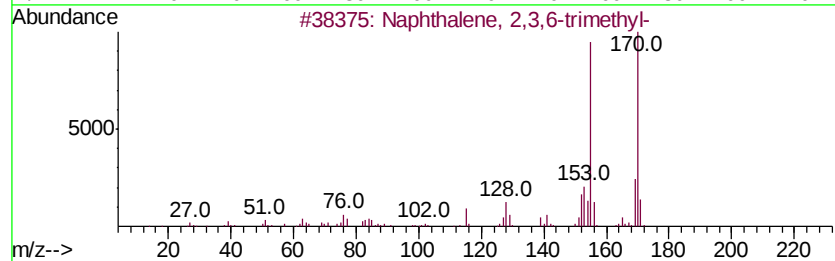
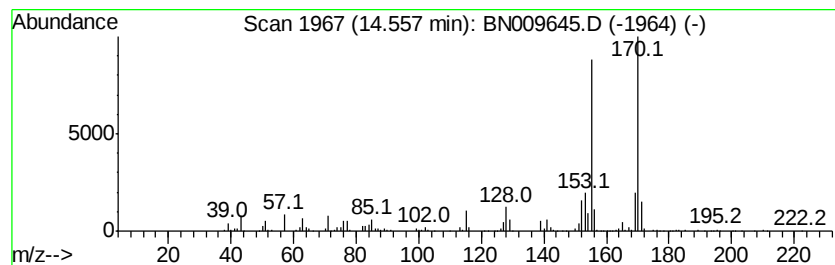
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.75 ng/ul	1232940	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

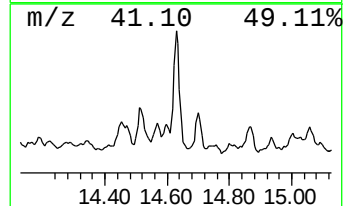
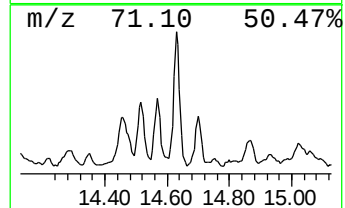
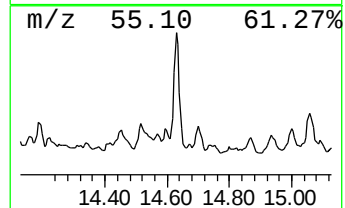
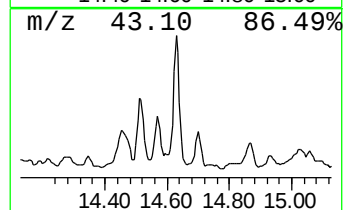
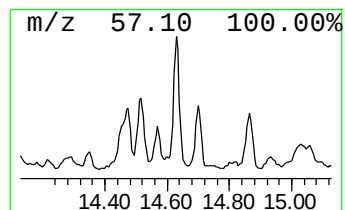
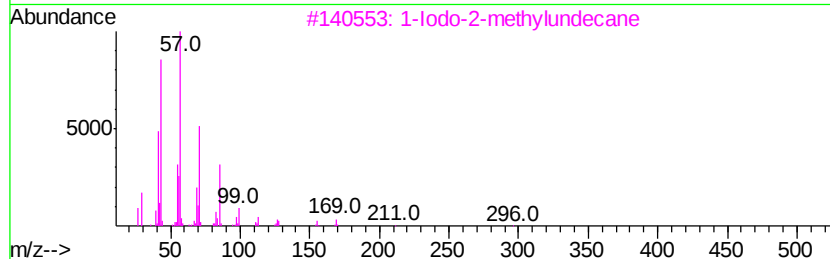
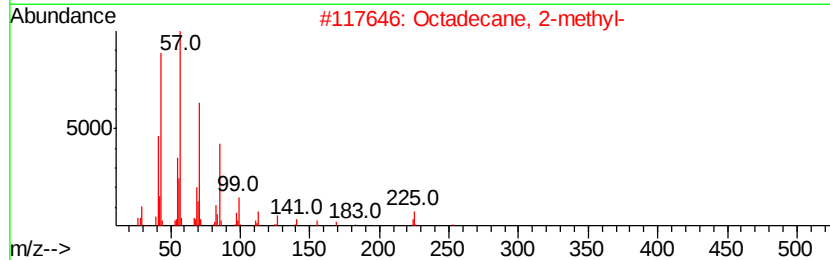
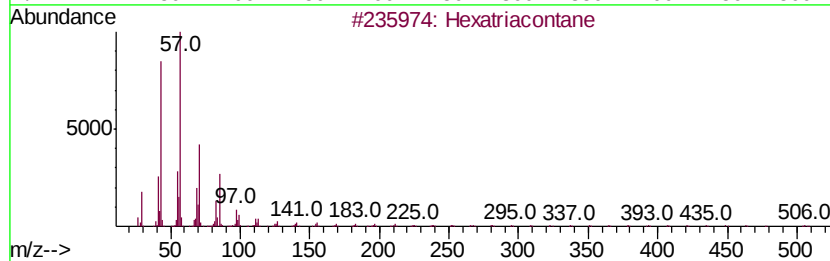
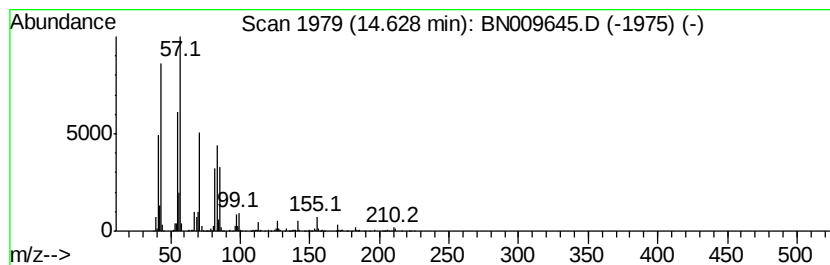
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	7.56 ng/ul	1380520	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	52
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	49
5			Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

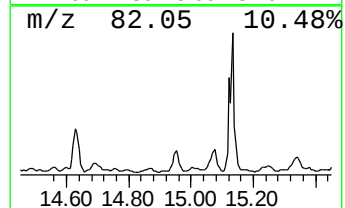
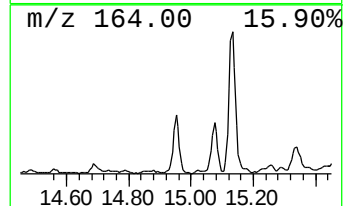
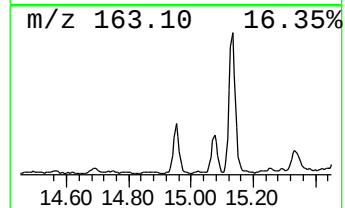
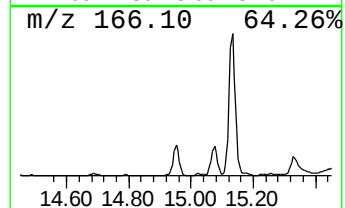
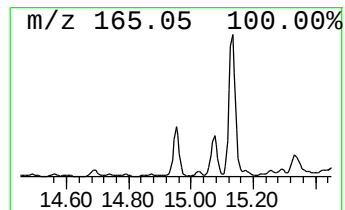
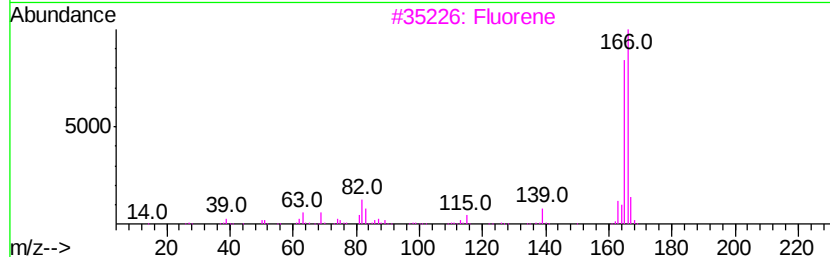
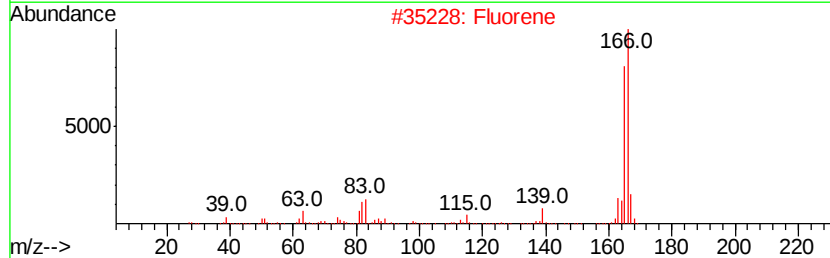
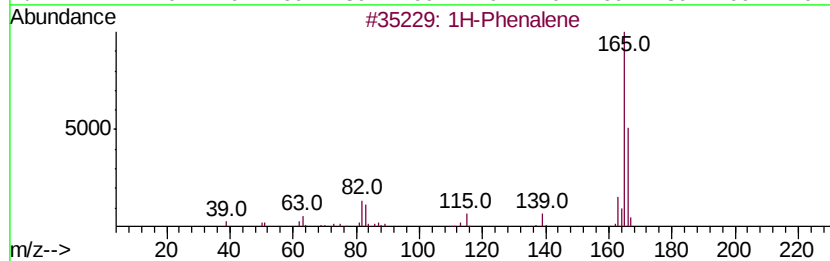
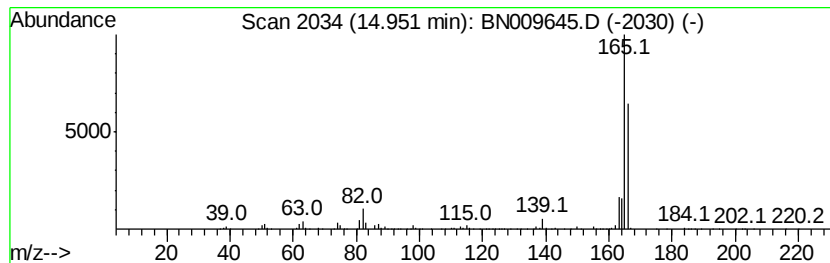
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 1H-Phenalene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.86 ng/ul	887275	Acenaphthene-d10	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Phenalene	166	C13H10	000203-80-5	72
2		Fluorene	166	C13H10	000086-73-7	50
3		Fluorene	166	C13H10	000086-73-7	47
4		Fluorene	166	C13H10	000086-73-7	47
5		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAT67DL

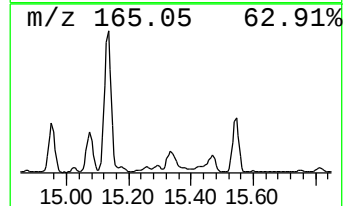
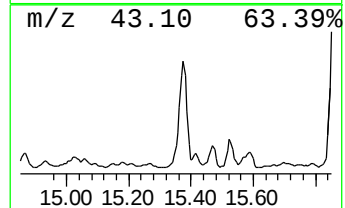
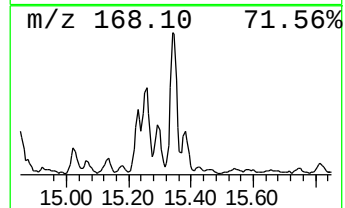
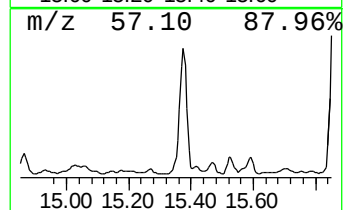
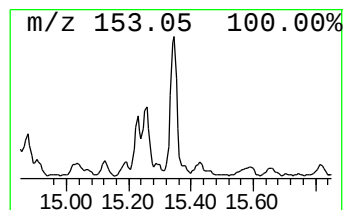
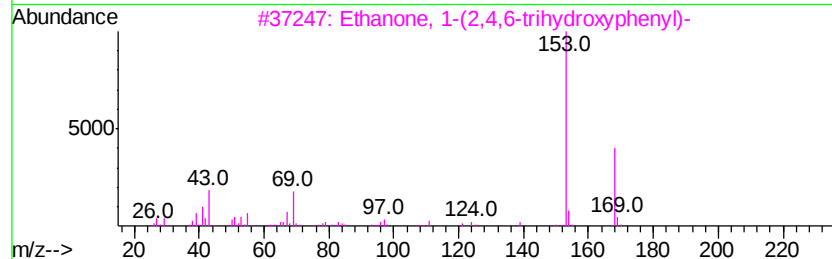
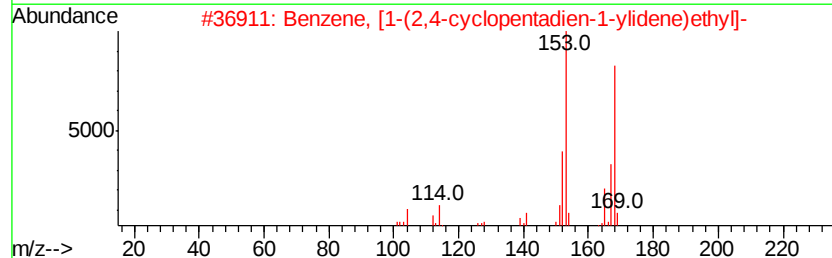
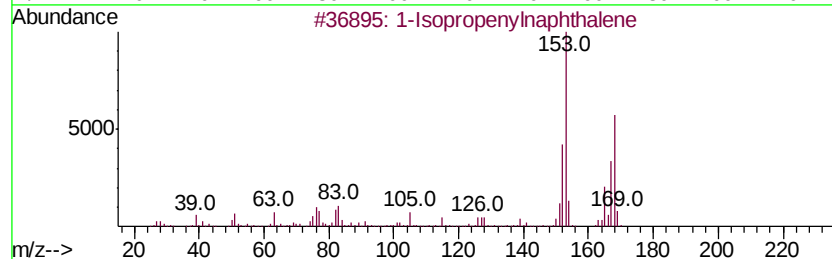
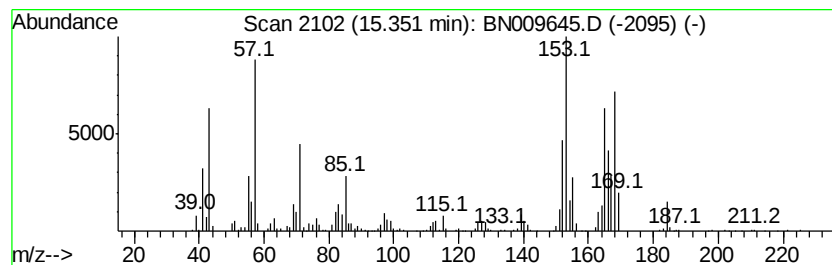
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Quant Title : SVOA CALIBRATION

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

Peak Number 44 1-Isopropenylnaphthalene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.14 ng/ul	1120700	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	49
3			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	38
4			5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	35
5			1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

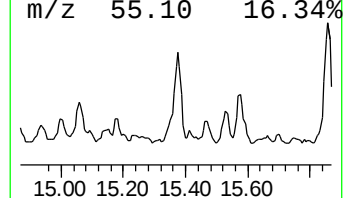
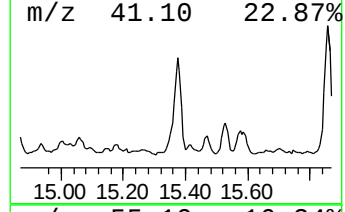
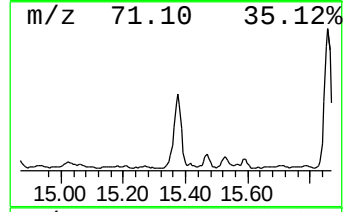
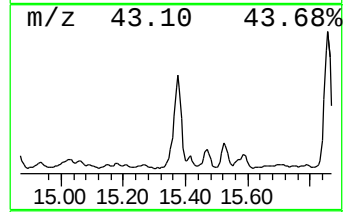
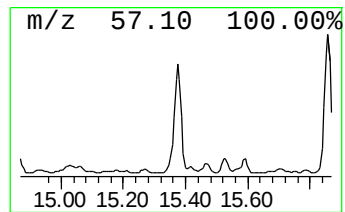
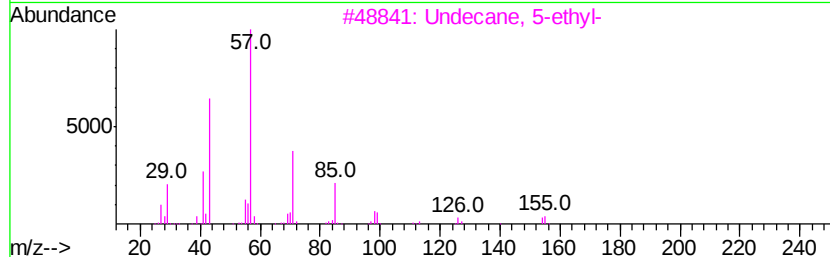
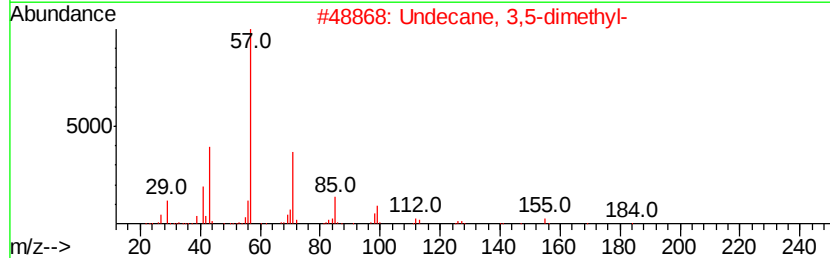
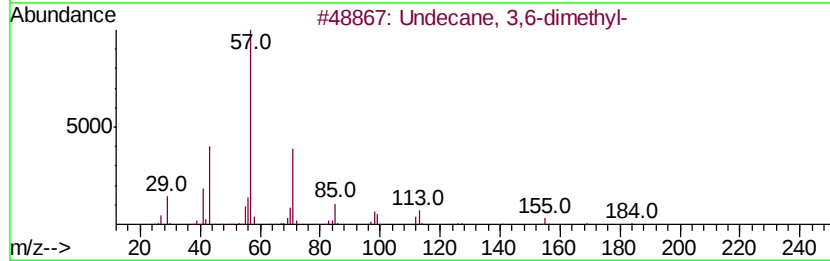
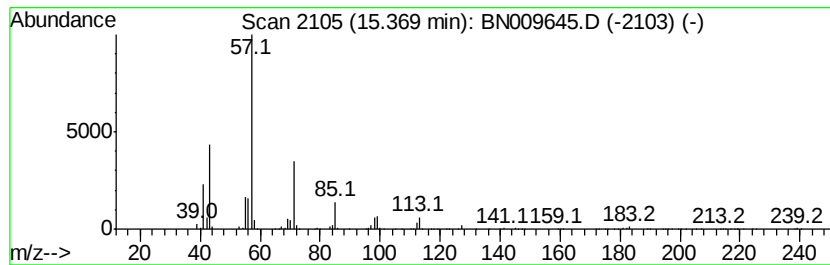
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	12.26 ng/ul	2239680	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

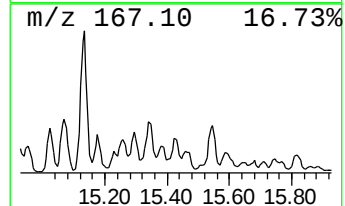
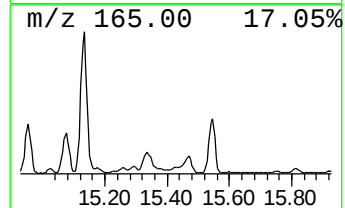
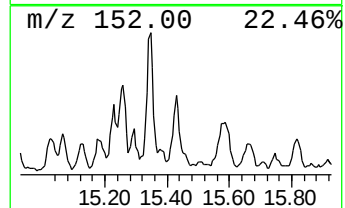
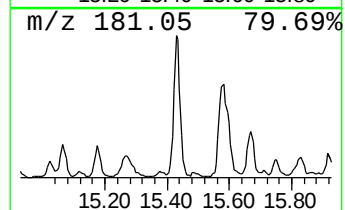
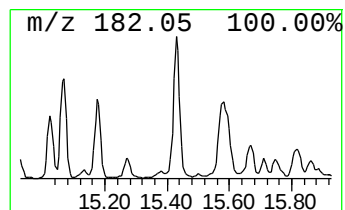
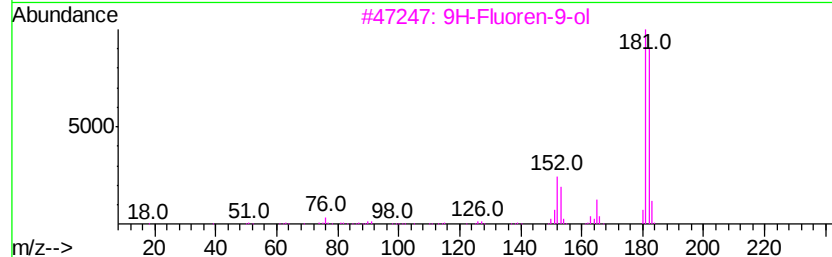
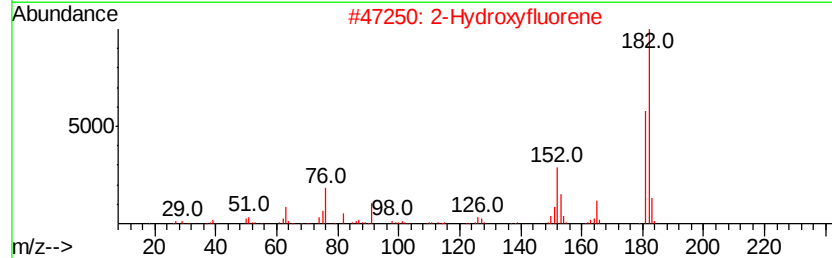
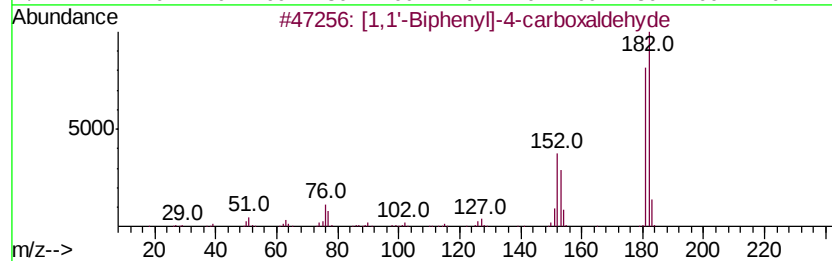
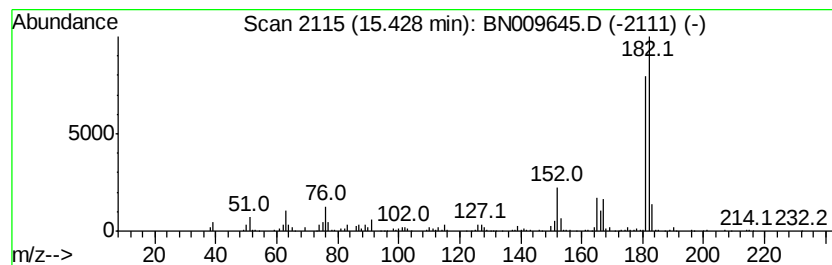
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.19 ng/ul	765502	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
2			2-Hydroxyfluorene	182	C13H10O	002443-58-5	80
3			9H-Fluorene-9-ol	182	C13H10O	001689-64-1	72
4			4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	72
5			9H-Fluorene-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

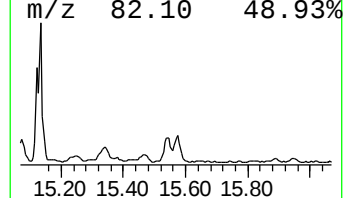
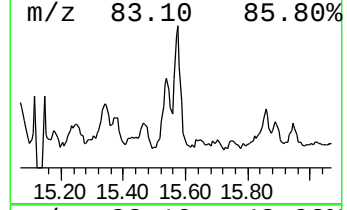
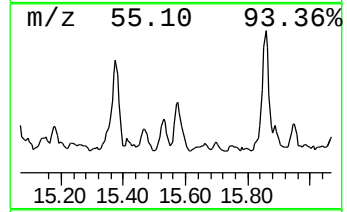
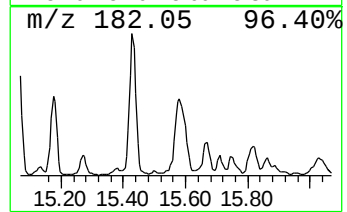
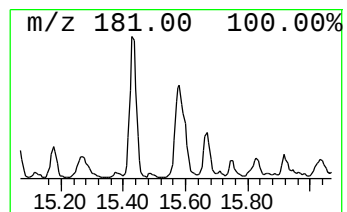
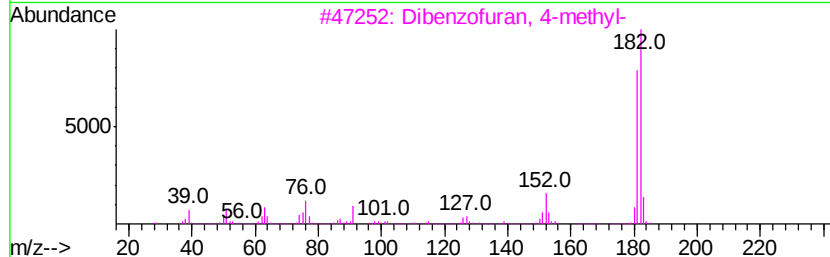
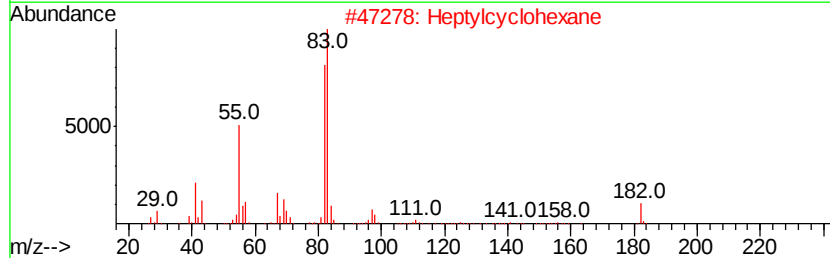
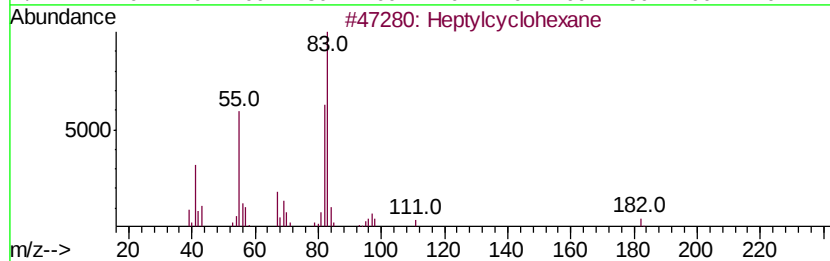
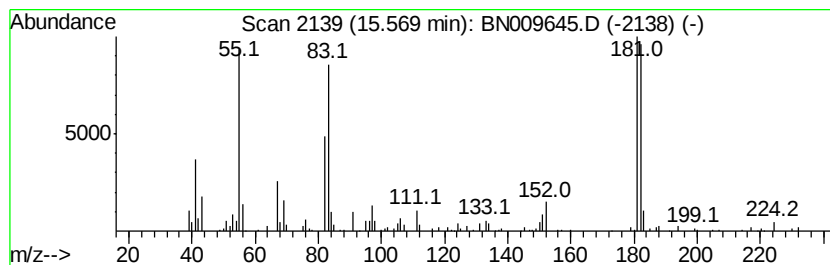
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	10.05 ng/ul	1039110	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	60
2		Heptylcyclohexane	182	C13H26	005617-41-4	49
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

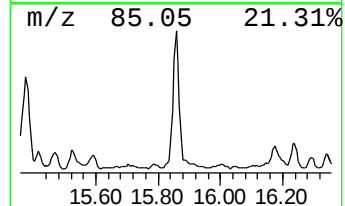
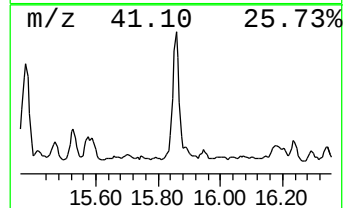
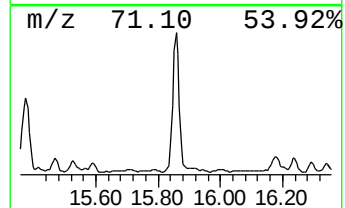
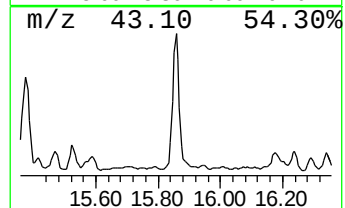
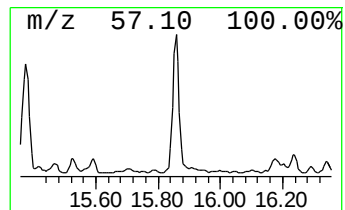
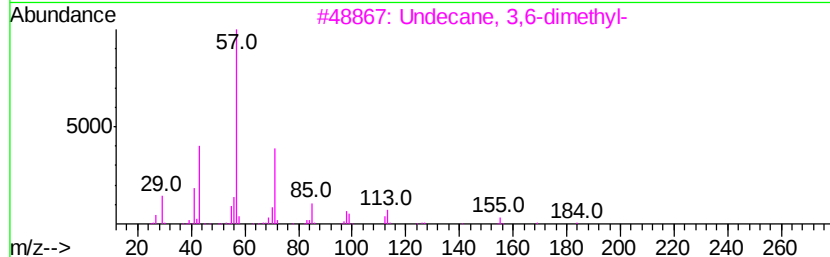
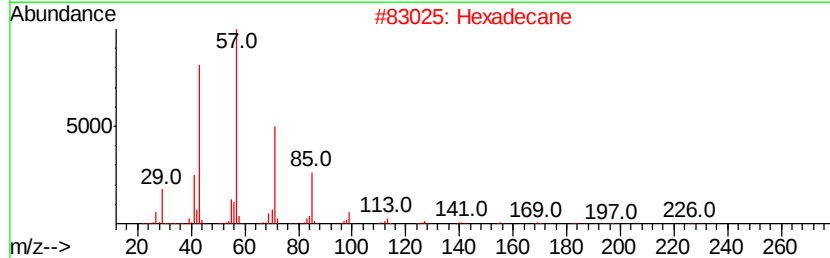
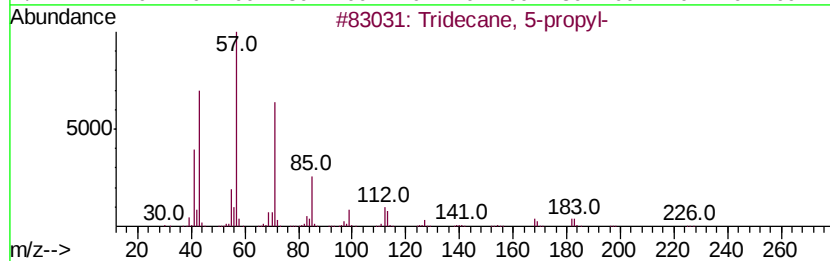
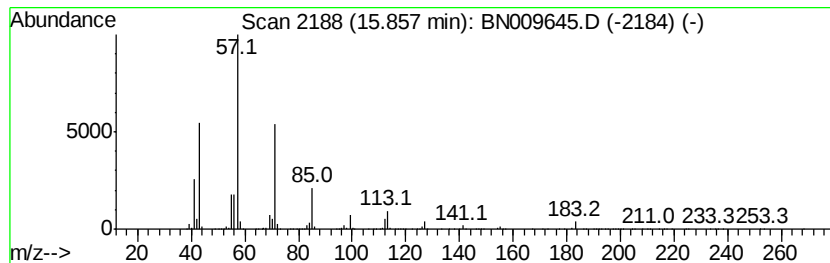
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	27.51 ng/ul	2845630	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2		Hexadecane	226	C16H34	000544-76-3	64
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

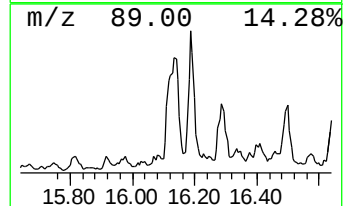
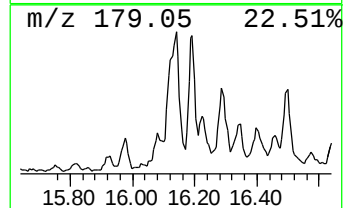
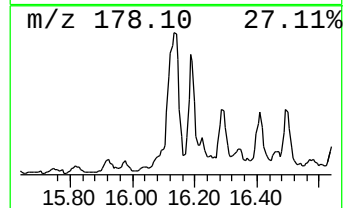
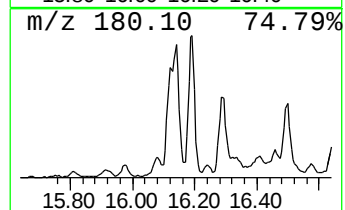
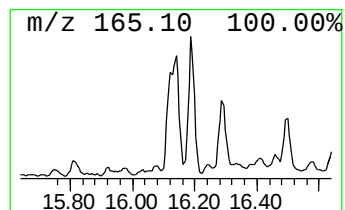
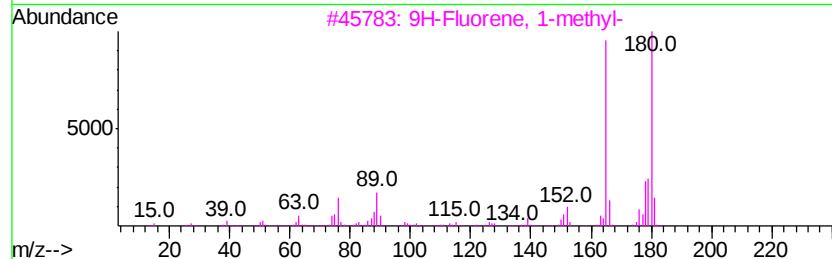
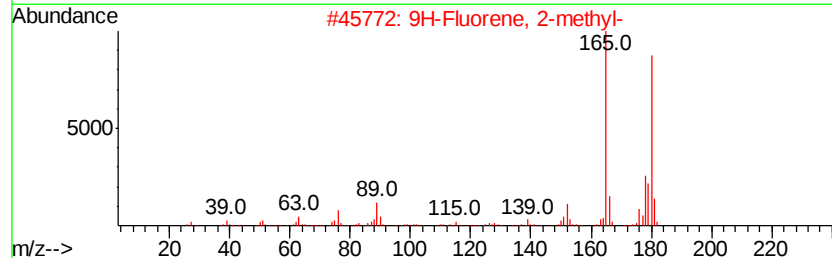
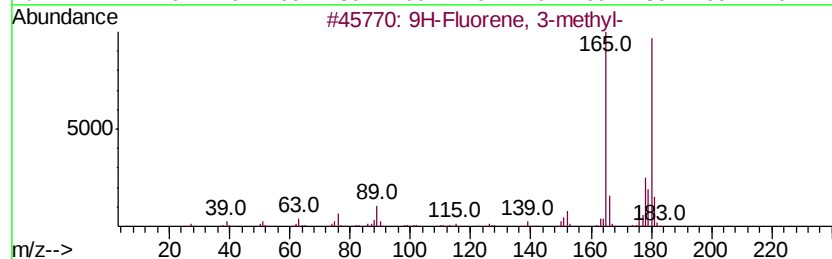
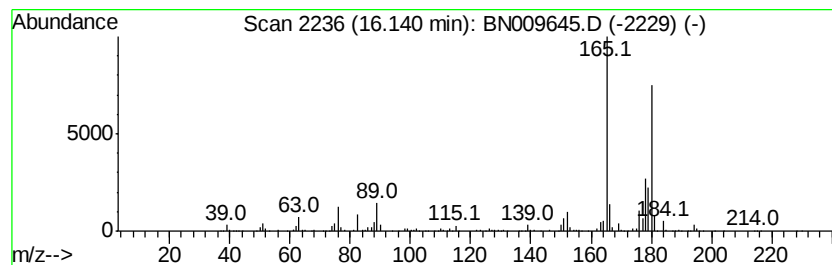
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 9H-Fluorene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	15.72 ng/ul	1625430	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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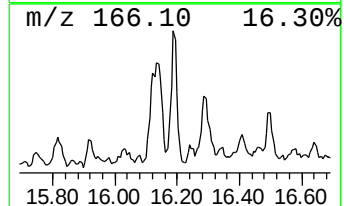
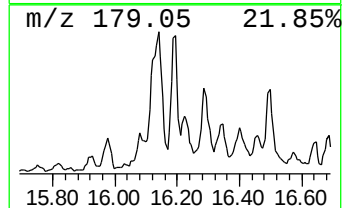
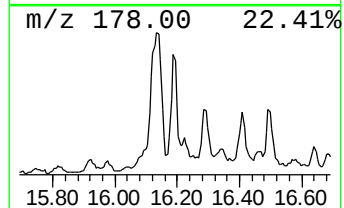
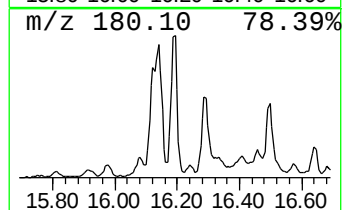
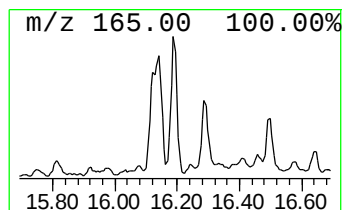
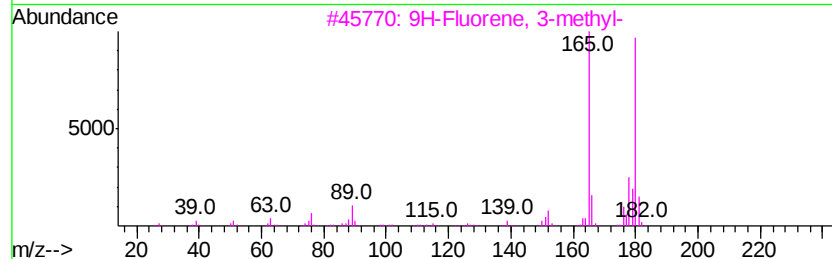
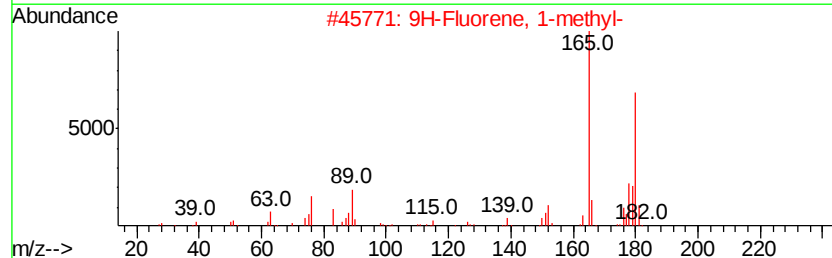
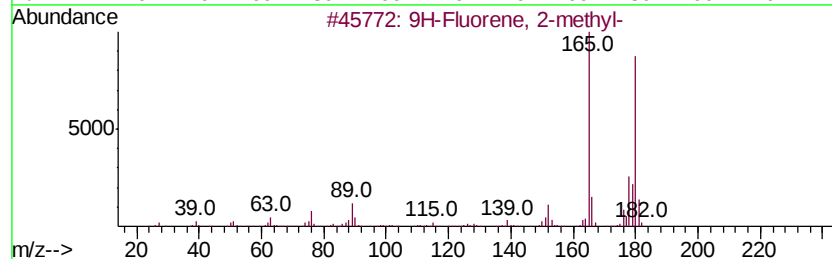
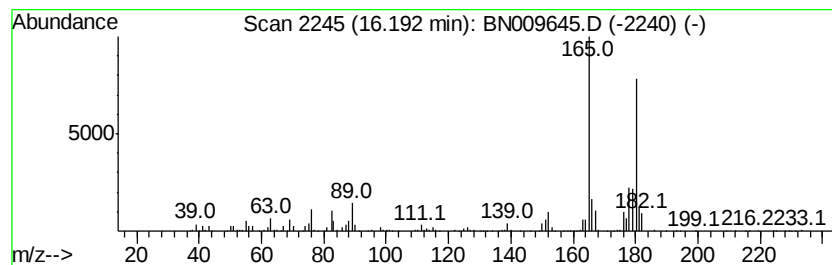
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	13.99 ng/ul	1446390	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	92
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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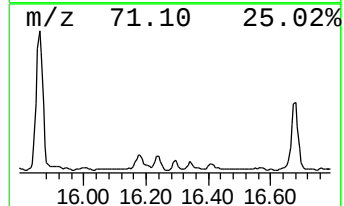
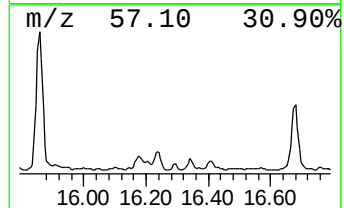
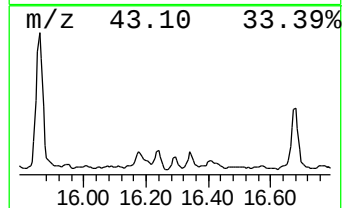
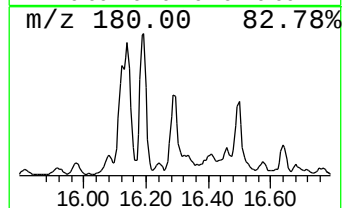
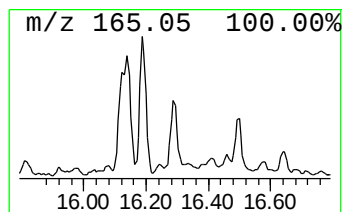
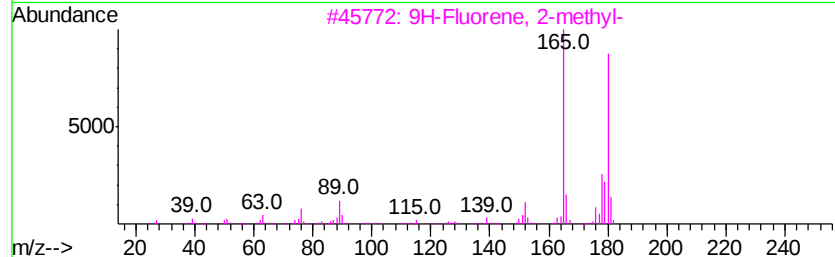
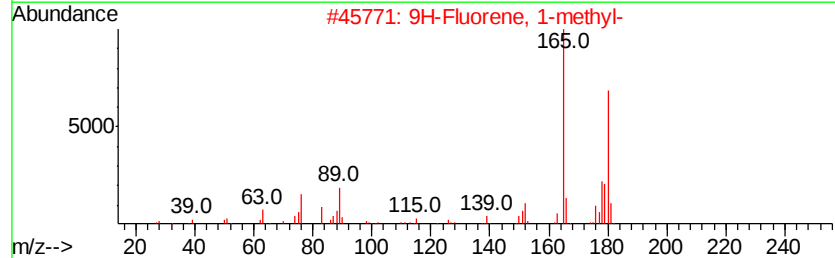
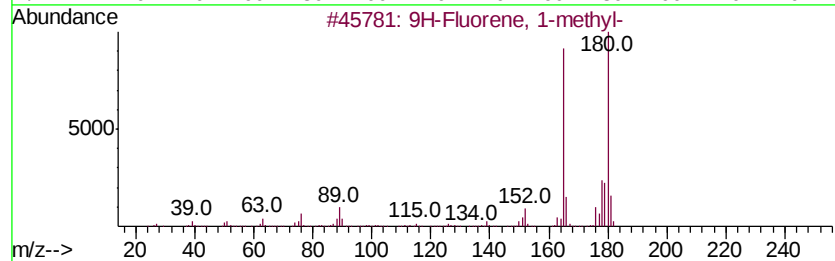
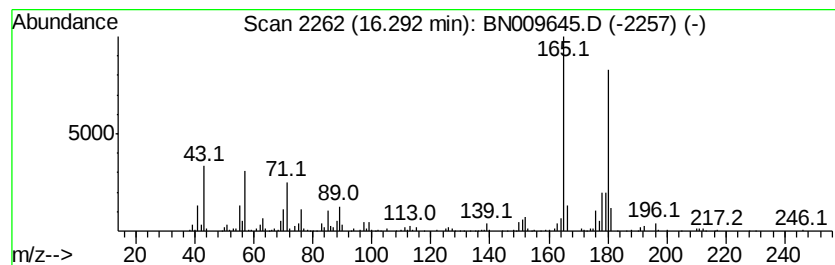
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 9H-Fluorene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.79 ng/ul	701956	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

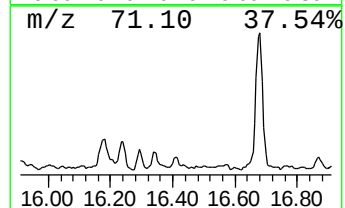
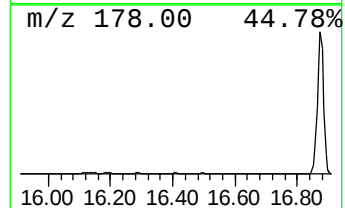
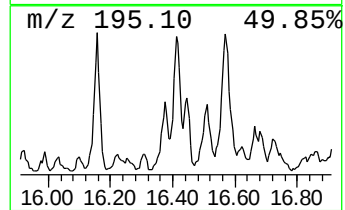
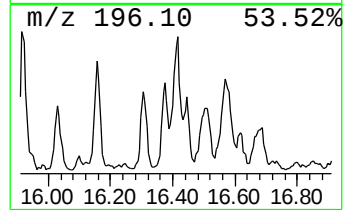
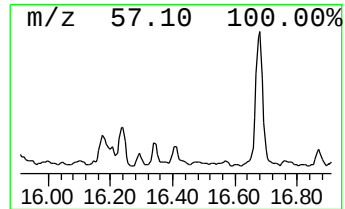
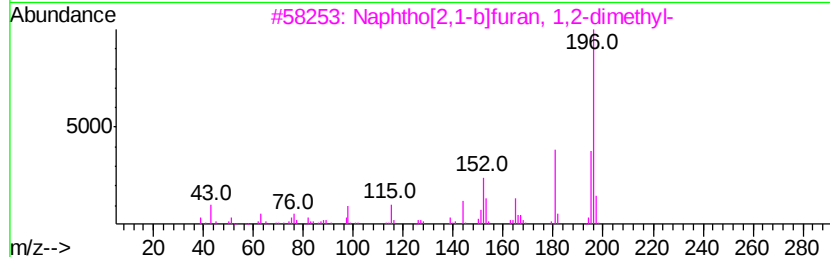
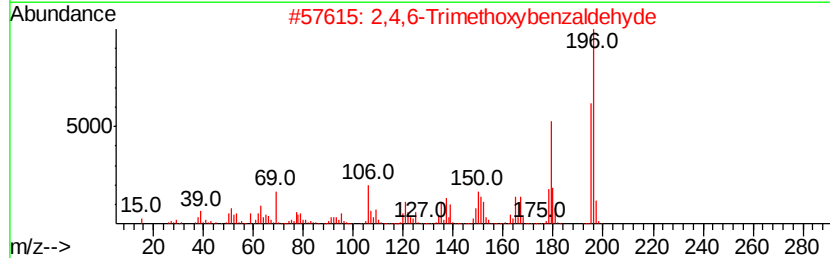
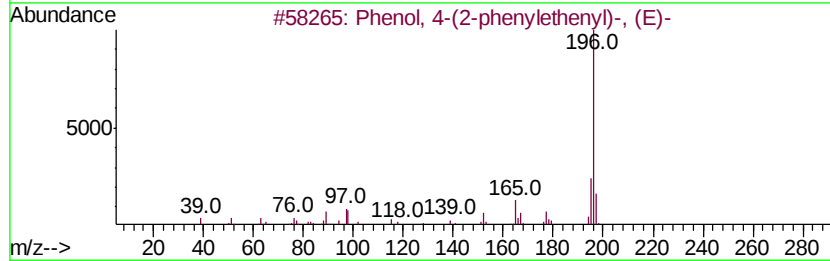
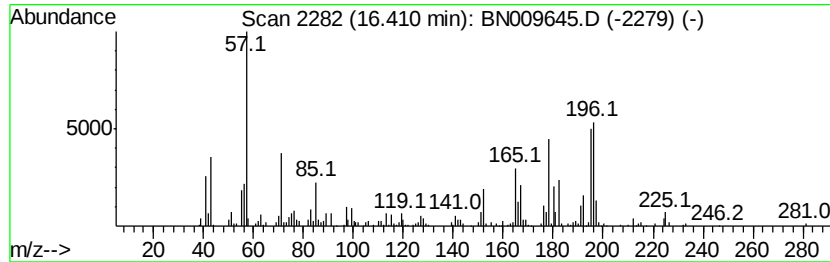
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	6.69 ng/ul	691999	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
2			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	22
3			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	22
4			Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	16
5			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

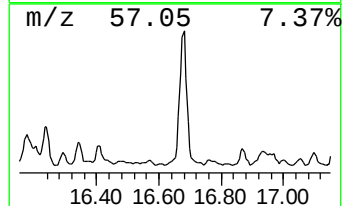
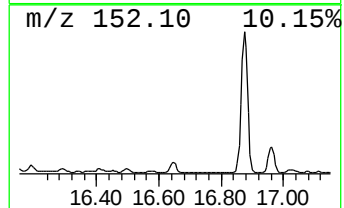
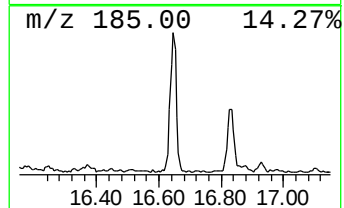
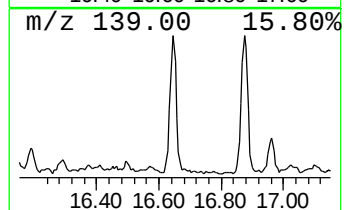
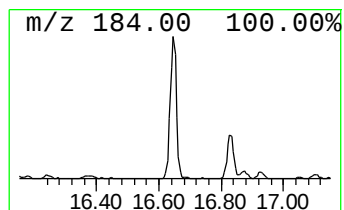
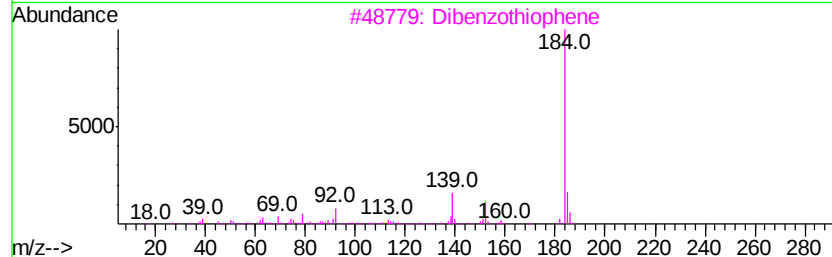
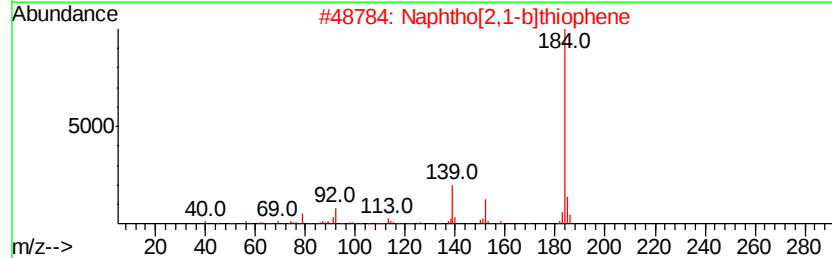
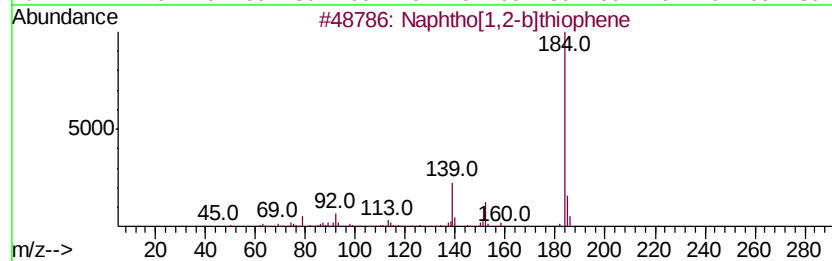
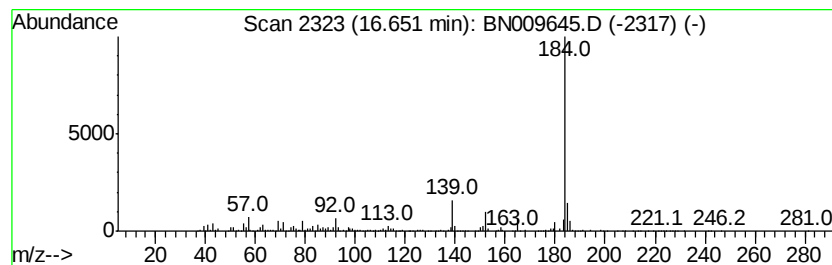
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 Naphtho[1,2-b]thiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	9.64 ng/ul	996909	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5			Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

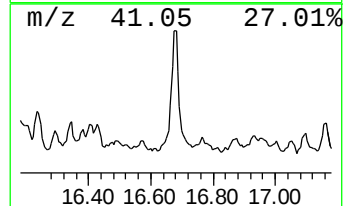
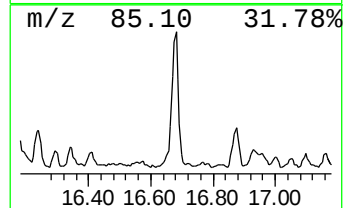
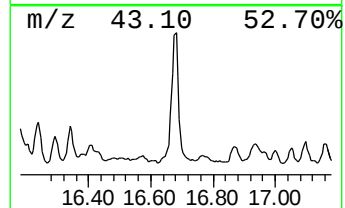
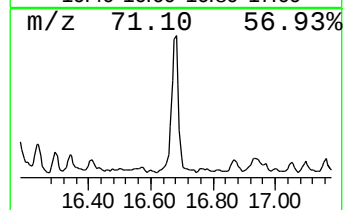
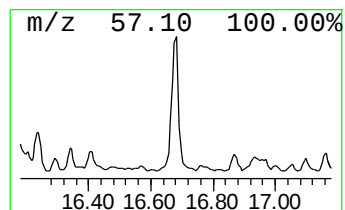
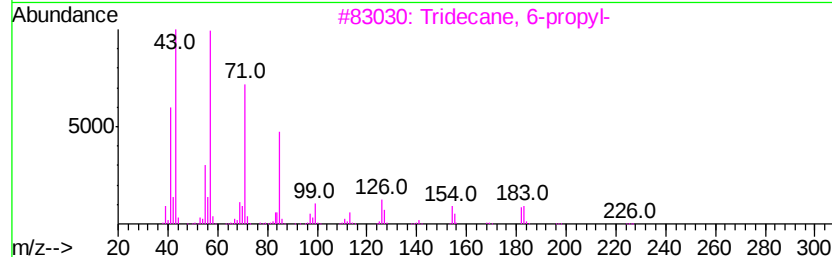
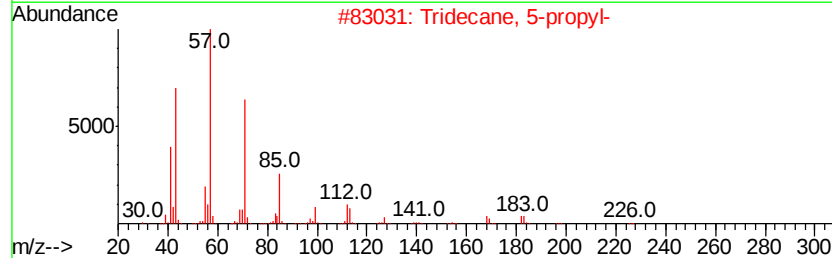
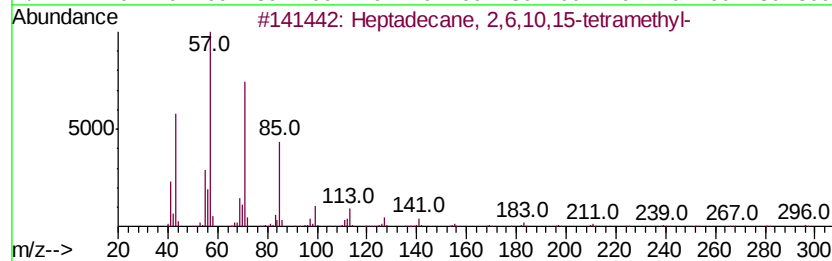
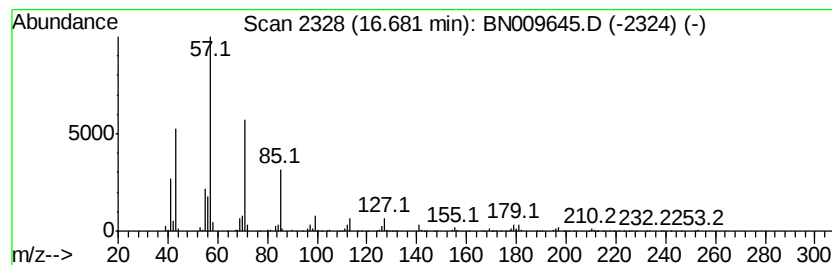
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	16.87 ng/ul	1744940	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
4			Eicosane	282	C20H42	000112-95-8	80
5			Heptacosane	380	C27H56	000593-49-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009645.D
Acq On : 07 Feb 2020 13:12
Operator : CG/JU
Sample : L1324-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL

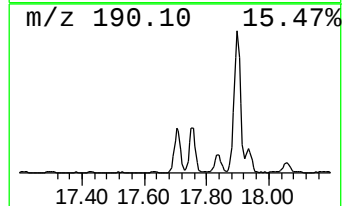
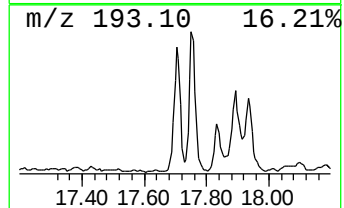
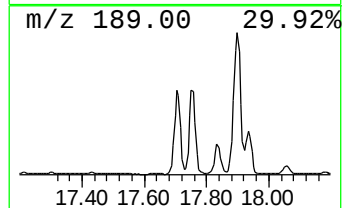
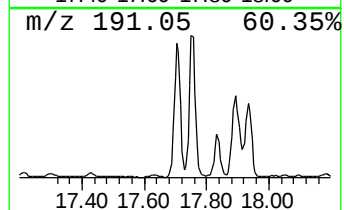
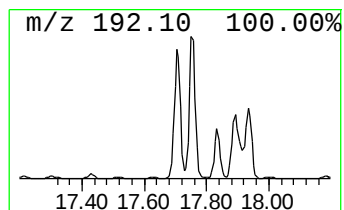
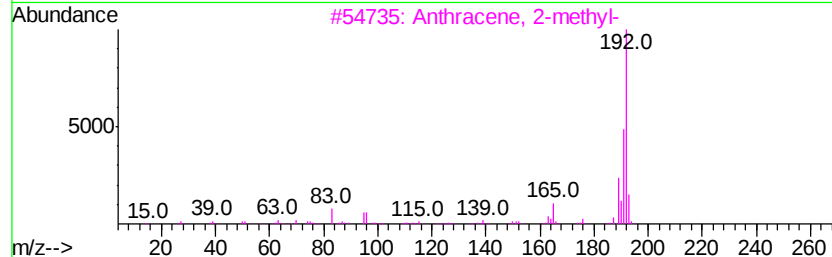
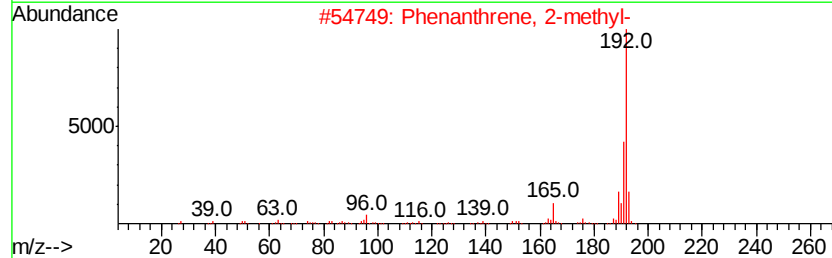
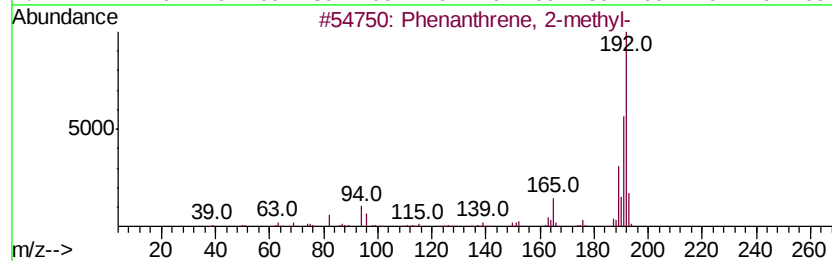
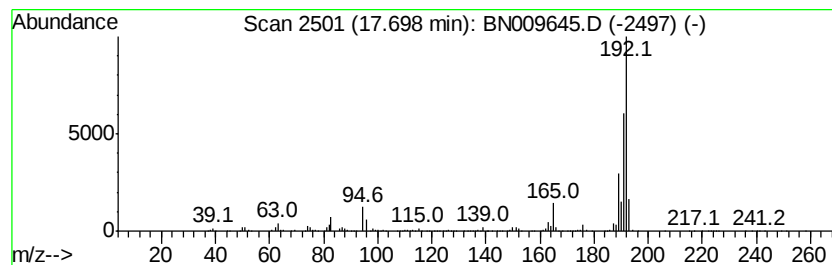
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Quant Title : SVOA CALIBRATION

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

Peak Number 58 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	27.74 ng/ul	2869380	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009645.D
 Acq On : 07 Feb 2020 13:12
 Operator : CG/JU
 Sample : L1324-12DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT67DL

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
(DEL) Alkane: Cyc...	7.72	7.0	ng/ul	505054	1	7.43	1439540	20.0
Indene	7.96	44.3	ng/ul	3185970	1	7.43	1439540	20.0
Benzene, 1-ethyl-...	8.52	14.7	ng/ul	1061140	1	7.43	1439540	20.0
Silane, trichloro...	8.66	40.5	ng/ul	2915460	1	7.43	1439540	20.0
unknown-01	8.77	7.5	ng/ul	539123	1	7.43	1439540	20.0
(DEL) Alkane: Str...	9.07	2.2	ng/ul	595584	2	10.19	5320950	20.0
Naphthalene, deca...	9.11	3.0	ng/ul	806572	2	10.19	5320950	20.0
(DEL) Alkane: Str...	9.48	3.0	ng/ul	804979	2	10.19	5320950	20.0
(DEL) Alkane: Str...	9.56	2.4	ng/ul	631365	2	10.19	5320950	20.0
p-Cymene	9.61	3.4	ng/ul	892293	2	10.19	5320950	20.0
(DEL) Alkane: Str...	9.75	2.4	ng/ul	632929	2	10.19	5320950	20.0
Ethanone, 1-(1-me...	10.10	2.4	ng/ul	644030	2	10.19	5320950	20.0
(DEL) Alkane: Str...	10.38	11.2	ng/ul	2991570	2	10.19	5320950	20.0
(DEL) Alkane: Str...	10.43	2.1	ng/ul	565690	2	10.19	5320950	20.0
(DEL) Alkane: Cyc...	10.89	3.4	ng/ul	890731	2	10.19	5320950	20.0
(DEL) Alkane: Str...	11.04	3.0	ng/ul	803949	2	10.19	5320950	20.0
(DEL) Alkane: Str...	11.12	5.8	ng/ul	1546570	2	10.19	5320950	20.0
(DEL) Alkane: Str...	11.23	13.6	ng/ul	3618390	2	10.19	5320950	20.0
(DEL) Alkane: Str...	11.65	2.1	ng/ul	559509	2	10.19	5320950	20.0
Naphthalene, 1-me...	12.08	34.1	ng/ul	9065820	2	10.19	5320950	20.0
(DEL) Alkane: Str...	12.29	4.1	ng/ul	749632	3	14.07	3653240	20.0
(DEL) Alkane: Str...	12.33	9.4	ng/ul	1712820	3	14.07	3653240	20.0
(DEL) Alkane: Str...	12.40	4.8	ng/ul	876339	3	14.07	3653240	20.0
(DEL) Alkane: Str...	12.48	7.3	ng/ul	1329420	3	14.07	3653240	20.0
(DEL) Alkane: Str...	12.56	5.0	ng/ul	913071	3	14.07	3653240	20.0
(DEL) Alkane: Str...	12.62	16.4	ng/ul	2996160	3	14.07	3653240	20.0
Naphthalene, 2,6-...	13.23	23.1	ng/ul	4228480	3	14.07	3653240	20.0
Naphthalene, 1,6-...	13.39	31.3	ng/ul	5718480	3	14.07	3653240	20.0
(DEL) Alkane: Str...	13.59	15.3	ng/ul	2795710	3	14.07	3653240	20.0
(DEL) Alkane: Str...	13.70	3.2	ng/ul	580452	3	14.07	3653240	20.0
Naphthalene, 2,3,...	14.56	6.8	ng/ul	1232940	3	14.07	3653240	20.0
(DEL) Alkane: Str...	14.63	7.6	ng/ul	1380520	3	14.07	3653240	20.0
1H-Phenylene	14.95	4.9	ng/ul	887275	3	14.07	3653240	20.0
1-Isopropenyl naph...	15.35	6.1	ng/ul	1120700	3	14.07	3653240	20.0
(DEL) Alkane: Str...	15.37	12.3	ng/ul	2239680	3	14.07	3653240	20.0
[1,1'-Biphenyl]-4...	15.43	4.2	ng/ul	765502	3	14.07	3653240	20.0
(DEL) Alkane: Str...	15.57	10.1	ng/ul	1039110	4	16.83	2068440	20.0
(DEL) Alkane: Str...	15.86	27.5	ng/ul	2845630	4	16.83	2068440	20.0
9H-Fluorene, 3-me...	16.14	15.7	ng/ul	1625430	4	16.83	2068440	20.0
9H-Fluorene, 2-me...	16.19	14.0	ng/ul	1446390	4	16.83	2068440	20.0
9H-Fluorene, 1-me...	16.29	6.8	ng/ul	701956	4	16.83	2068440	20.0
unknown-02	16.41	6.7	ng/ul	691999	4	16.83	2068440	20.0
Naphtho[1,2-b]thi...	16.65	9.6	ng/ul	996909	4	16.83	2068440	20.0
(DEL) Alkane: Str...	16.68	16.9	ng/ul	1744940	4	16.83	2068440	20.0
Phenanthrene, 2-m...	17.70	27.7	ng/ul	2869380	4	16.83	2068440	20.0