

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013779.D
 Acq On : 24 Jan 2018 21:49
 Operator : SJ/JU
 Sample : J1223-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.781	637	645	659	rVB2	534461	1022241	10.24%	0.891%
2	6.940	665	672	683	rBV	384759	615558	6.17%	0.536%
3	7.134	699	705	711	rBV	561299	896044	8.98%	0.781%
4	7.593	772	783	790	rBV	495026	823575	8.25%	0.718%
5	8.304	898	904	914	rBV	634849	1060159	10.62%	0.924%
6	8.751	972	980	986	rVV	543192	927889	9.30%	0.809%
7	8.810	986	990	998	rVB	157706	247979	2.48%	0.216%
8	9.469	1092	1102	1111	rBV	476256	954640	9.57%	0.832%
9	9.798	1150	1158	1165	rVB10	77404	170106	1.70%	0.148%
10	9.892	1168	1174	1181	rVB6	68773	154387	1.55%	0.135%
11	10.004	1187	1193	1200	rBV	687103	1158573	11.61%	1.010%
12	10.281	1228	1240	1246	rBV	868284	1695563	16.99%	1.478%
13	10.351	1246	1252	1253	rBV	563051	845144	8.47%	0.737%
14	10.422	1259	1264	1271	rVB	1183261	1928556	19.32%	1.681%
15	10.522	1271	1281	1289	rBV4	641607	1275559	12.78%	1.112%
16	10.751	1313	1320	1325	rBV4	81463	152476	1.53%	0.133%
17	11.210	1391	1398	1405	rBV	644966	1158153	11.61%	1.009%
18	11.286	1405	1411	1417	rVB2	138460	238231	2.39%	0.208%
19	11.392	1424	1429	1434	rBV	361220	573649	5.75%	0.500%
20	11.804	1490	1499	1505	rBV	1086151	1683400	16.87%	1.467%
21	12.039	1531	1539	1546	rVB	1293077	2176057	21.80%	1.896%
22	12.263	1569	1577	1587	rVV	678477	1148208	11.51%	1.001%
23	12.451	1603	1609	1613	rBV4	78332	151587	1.52%	0.132%
24	12.504	1613	1618	1624	rVB4	99708	200896	2.01%	0.175%
25	12.633	1635	1640	1650	rVB	192589	342681	3.43%	0.299%
26	12.716	1650	1654	1659	rBV	134652	213091	2.14%	0.186%
27	12.775	1659	1664	1668	rBV	368856	493438	4.94%	0.430%
28	13.069	1708	1714	1721	rVB2	2002163	2748190	27.54%	2.395%
29	13.269	1744	1748	1759	rVB3	214711	555032	5.56%	0.484%
30	13.422	1761	1774	1784	rBV3	199635	659405	6.61%	0.575%
31	13.563	1793	1798	1803	rBV	283953	538296	5.39%	0.469%
32	13.616	1803	1807	1810	rBV2	159059	217269	2.18%	0.189%
33	13.663	1810	1815	1820	rVB	1066992	1515118	15.18%	1.320%
34	13.716	1820	1824	1825	rBV	554086	711736	7.13%	0.620%

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35	13.775	1831	1834	1837	rBV2	188968	252139	2.53%	0.220%
36	13.939	1856	1862	1867	rBV	1293758	1877496	18.81%	1.636%
37	14.069	1880	1884	1892	rVB6	110760	219252	2.20%	0.191%
38	14.157	1893	1899	1904	rBV	1826876	2362785	23.68%	2.059%
39	14.245	1904	1914	1920	rBV4	983833	1954335	19.58%	1.703%
40	14.310	1920	1925	1935	rVB	2429249	3589223	35.97%	3.128%
41	14.474	1946	1953	1960	rBV3	444053	861065	8.63%	0.750%
42	14.651	1978	1983	1989	rVB	1571515	2221857	22.26%	1.936%
43	14.716	1991	1994	1999	rVB2	88771	159442	1.60%	0.139%
44	14.774	1999	2004	2012	rVB3	325127	626132	6.27%	0.546%
45	14.845	2012	2016	2018	rBV2	116980	147340	1.48%	0.128%
46	14.880	2018	2022	2028	rVB2	447853	678442	6.80%	0.591%
47	15.033	2042	2048	2053	rBV6	87385	198770	1.99%	0.173%
48	15.110	2057	2061	2066	rVB	1723931	2182020	21.86%	1.902%
49	15.245	2079	2084	2089	rVB	1553918	2185746	21.90%	1.905%
50	15.304	2089	2094	2099	rBV	1731910	2313288	23.18%	2.016%
51	15.386	2104	2108	2112	rBV3	484604	686936	6.88%	0.599%
52	15.463	2118	2121	2125	rBV	165807	211395	2.12%	0.184%
53	15.516	2125	2130	2134	rVV	436737	738933	7.40%	0.644%
54	15.598	2140	2144	2152	rVB2	253194	499018	5.00%	0.435%
55	15.669	2152	2156	2161	rBV3	170239	259610	2.60%	0.226%
56	15.739	2161	2168	2176	rVB4	280958	755207	7.57%	0.658%
57	15.827	2178	2183	2192	rVB8	66711	175452	1.76%	0.153%
58	15.974	2204	2208	2217	rBV	1704650	3439779	34.47%	2.998%
59	16.098	2225	2229	2235	rVB5	90681	147578	1.48%	0.129%
60	16.316	2262	2266	2269	rVB4	128062	183847	1.84%	0.160%
61	16.657	2318	2324	2334	rBV	7083885	9979754	100.00%	8.697%
62	16.768	2339	2343	2347	rVV	1366627	1710095	17.14%	1.490%
63	16.821	2347	2352	2363	rVB	638598	1016657	10.19%	0.886%
64	17.004	2377	2383	2386	rBV	1188306	1729970	17.33%	1.508%
65	17.045	2386	2390	2395	rVV	5587192	7408712	74.24%	6.456%
66	17.104	2395	2400	2403	rVV	1806543	2760503	27.66%	2.406%
67	17.133	2403	2405	2411	rVV	689461	890884	8.93%	0.776%
68	17.410	2447	2452	2464	rVV	520718	946127	9.48%	0.825%
69	17.510	2464	2469	2475	rVV	1037368	1432738	14.36%	1.249%
70	17.580	2478	2481	2490	rVB7	79195	169057	1.69%	0.147%
71	17.880	2525	2532	2534	rBV	223377	362648	3.63%	0.316%

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72	17.921	2534	2539	2547	rVB2	399961	959790	9.62%	0.836%
73	18.010	2550	2554	2558	rBV2	129028	160747	1.61%	0.140%
74	18.074	2559	2565	2569	rBV2	504338	799849	8.01%	0.697%
75	18.198	2582	2586	2591	rBV	809864	1002591	10.05%	0.874%
76	18.380	2614	2617	2623	rVB	209623	283915	2.84%	0.247%
77	18.804	2679	2689	2692	rBV7	57185	193837	1.94%	0.169%
78	18.839	2692	2695	2703	rVB	670477	780142	7.82%	0.680%
79	19.068	2727	2734	2740	rVV	2950052	4015633	40.24%	3.499%
80	19.121	2740	2743	2749	rVB	437380	588397	5.90%	0.513%
81	19.198	2749	2756	2763	rBV3	245123	428059	4.29%	0.373%
82	19.309	2773	2775	2785	rVB	95579	173977	1.74%	0.152%
83	19.404	2785	2791	2793	rVV	2642975	3612957	36.20%	3.149%
84	19.427	2793	2795	2805	rVV	2199823	3103218	31.10%	2.704%
85	19.621	2820	2828	2834	rBV	132467	261550	2.62%	0.228%
86	19.762	2847	2852	2858	rVB5	82124	178949	1.79%	0.156%
87	19.933	2877	2881	2883	rBV	175046	205706	2.06%	0.179%
88	19.962	2883	2886	2890	rVB	492701	507447	5.08%	0.442%
89	20.033	2894	2898	2902	rBV	253611	324899	3.26%	0.283%
90	20.462	2966	2971	2976	rVB	372152	439472	4.40%	0.383%
91	20.886	3040	3043	3046	rVV3	230846	326645	3.27%	0.285%
92	20.921	3046	3049	3065	rVB2	528262	793046	7.95%	0.691%
93	21.198	3090	3096	3101	rBV2	1690982	2557405	25.63%	2.229%
94	21.239	3101	3103	3107	rVB	258155	275981	2.77%	0.241%
95	21.356	3120	3123	3130	rVB	279845	358026	3.59%	0.312%
96	21.786	3193	3196	3206	rVB	184246	271563	2.72%	0.237%
97	22.239	3270	3273	3278	rVB3	136917	162075	1.62%	0.141%
98	22.739	3353	3358	3363	rBV4	152486	303533	3.04%	0.265%
99	23.256	3440	3446	3458	rVB2	1668627	3188362	31.95%	2.779%
100	23.397	3463	3470	3479	rVB	1002459	1904678	19.09%	1.660%

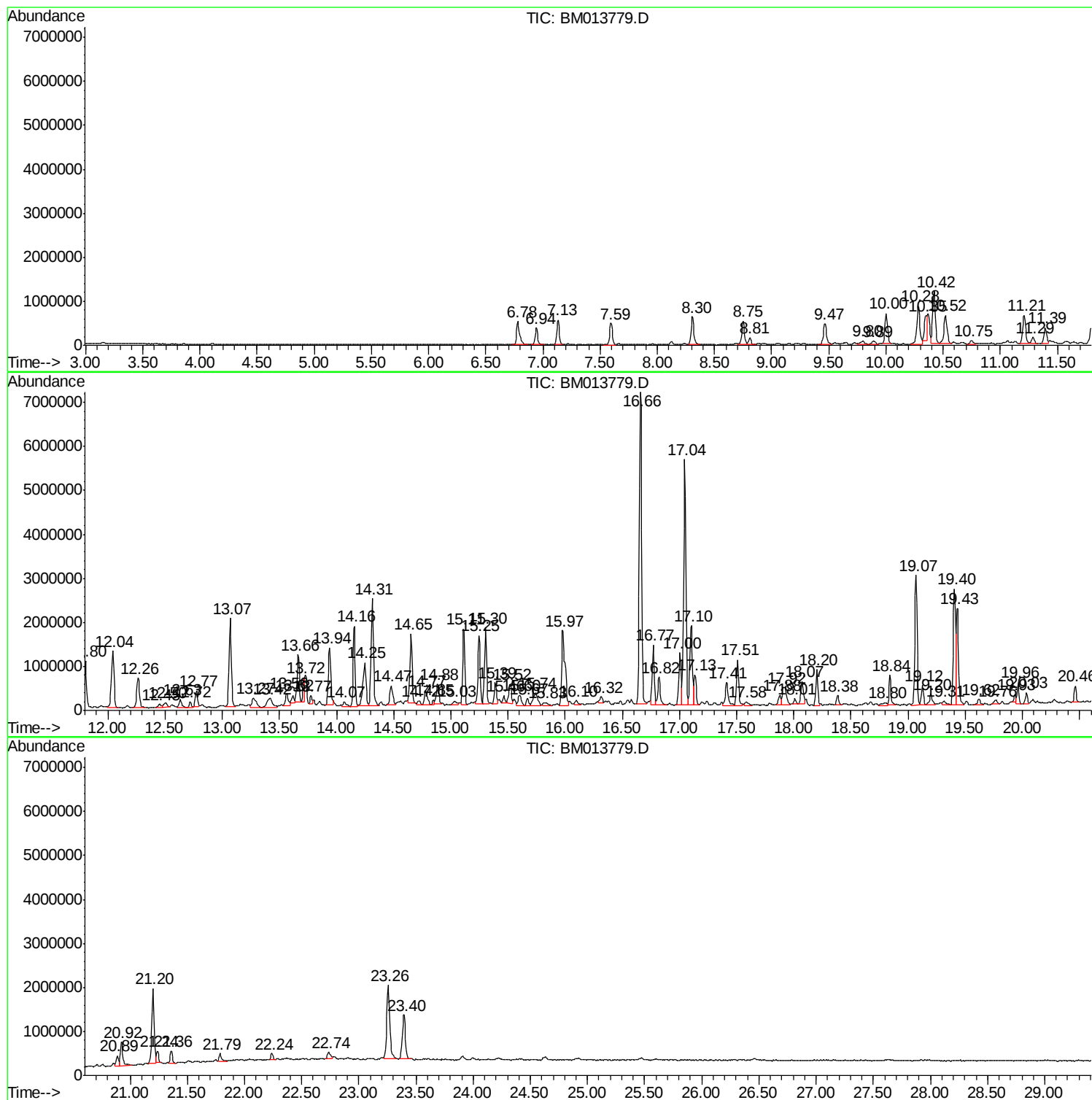
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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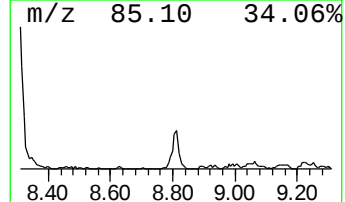
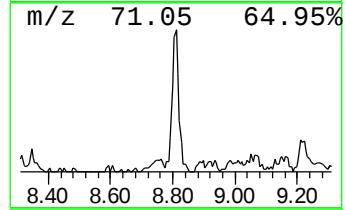
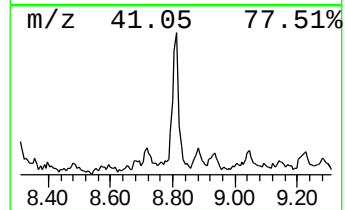
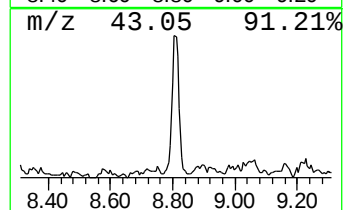
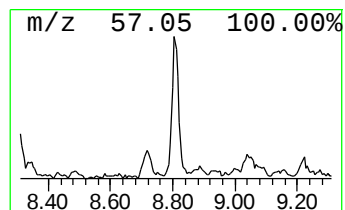
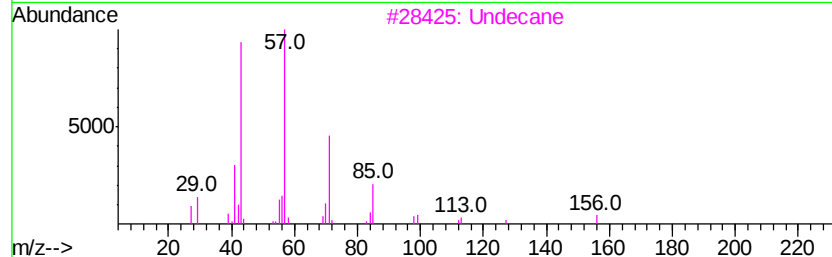
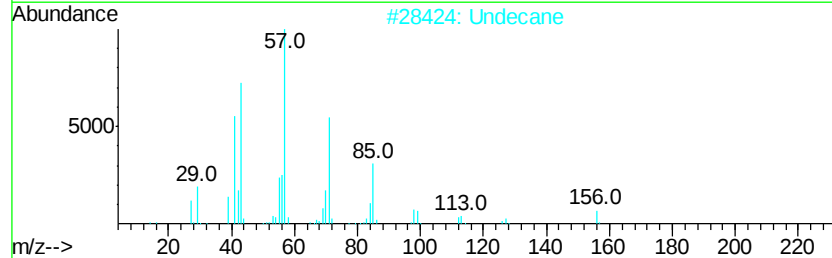
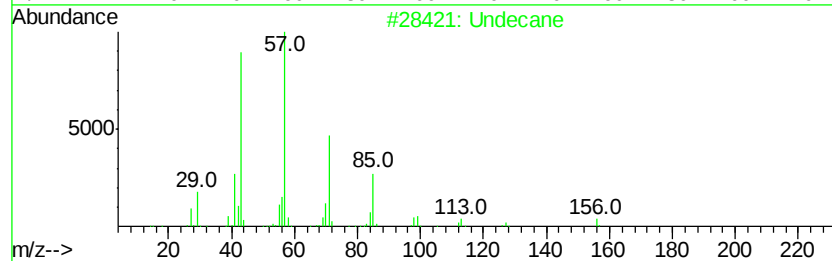
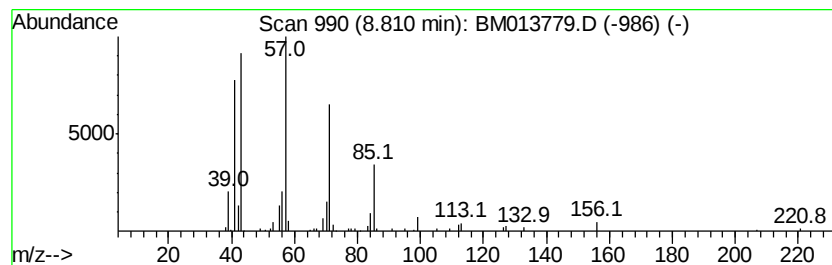
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	6.02 ng/ul	247979	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	94
2		Undecane	156	C11H24	001120-21-4	91
3		Undecane	156	C11H24	001120-21-4	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Undecane	156	C11H24	001120-21-4	81



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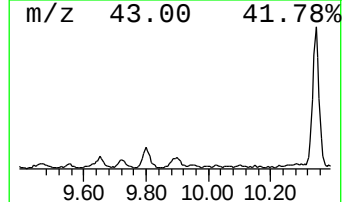
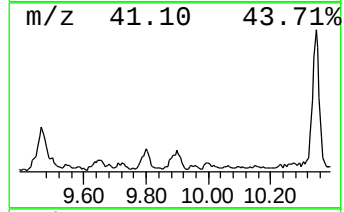
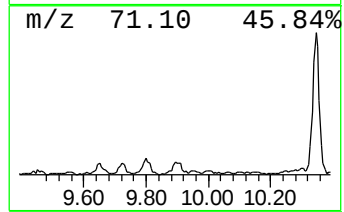
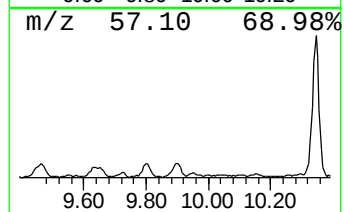
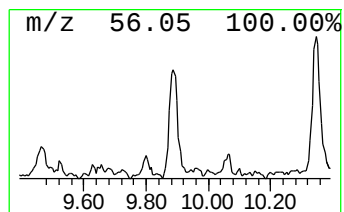
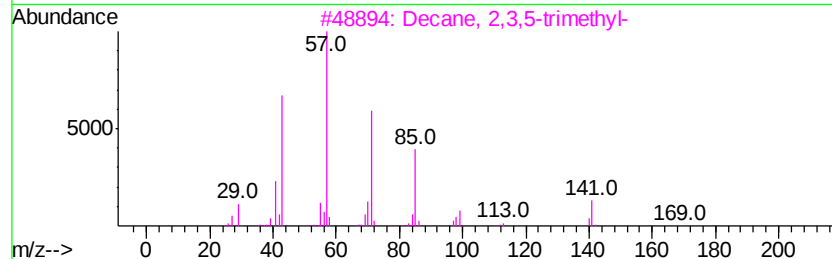
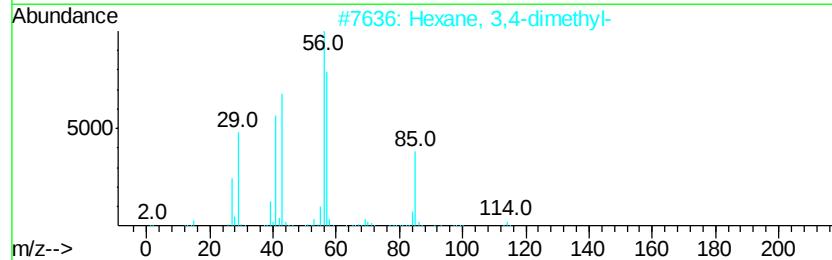
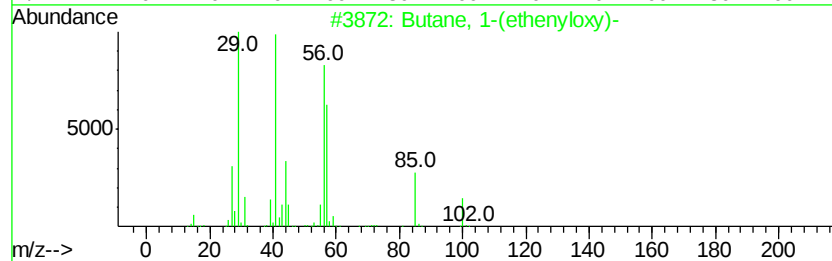
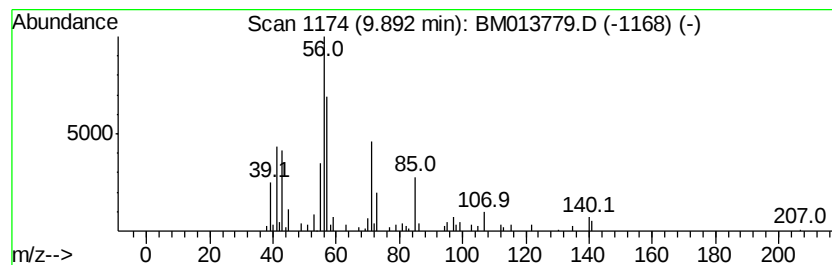
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.65 ng/ul	154387	Naphthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1-(ethenvloxy)-	100	C6H12O	000111-34-2	38
2			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
4			Tridecane	184	C13H28	000629-50-5	27
5			Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	27



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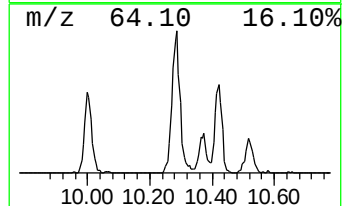
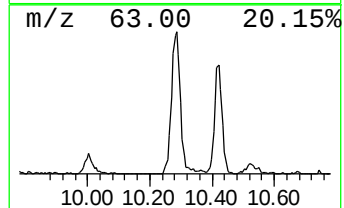
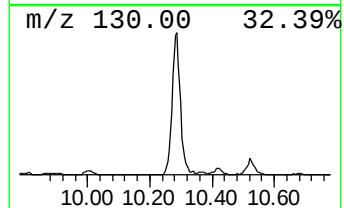
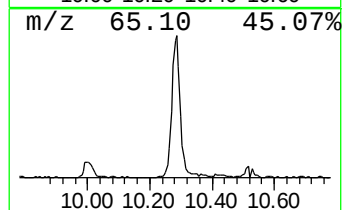
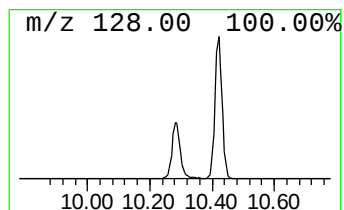
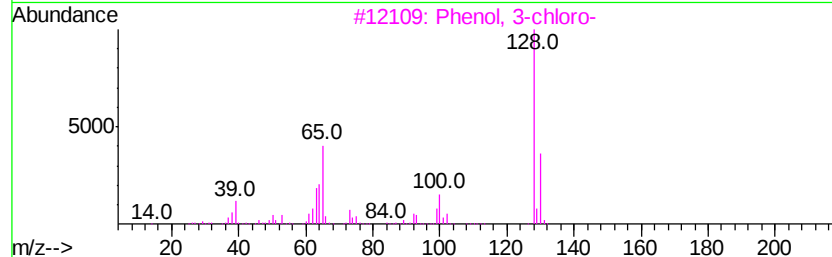
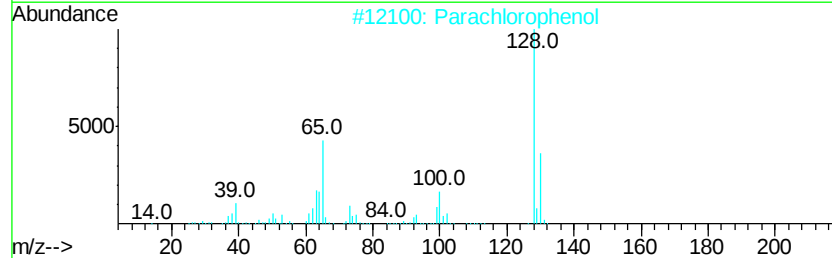
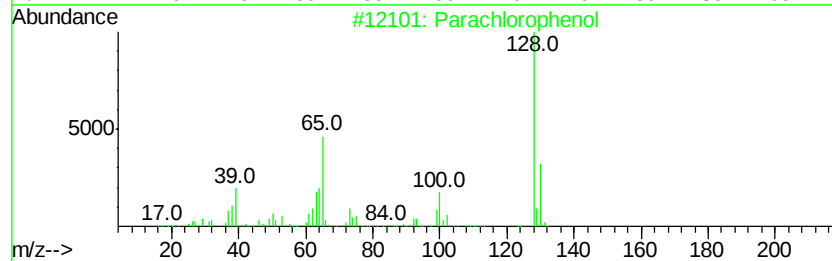
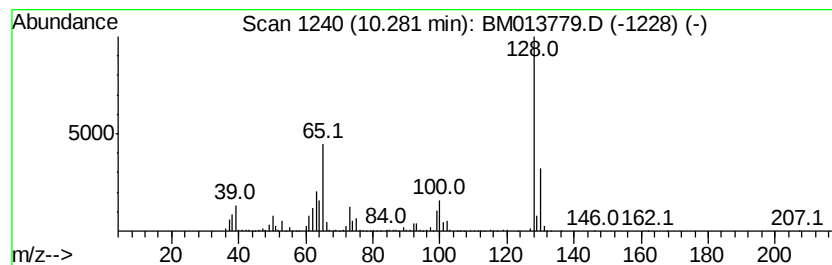
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Peak Number 4 Parachlorophenol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	40.12 ng/ul	1695560	Napthalene-d8	10.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Parachlorophenol	128 C6H5ClO	000106-48-9	98
2	Parachlorophenol	128 C6H5ClO	000106-48-9	97
3	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	96
4	Parachlorophenol	128 C6H5ClO	000106-48-9	95
5	Parachlorophenol	128 C6H5ClO	000106-48-9	95



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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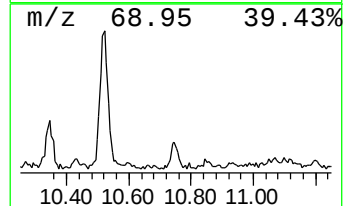
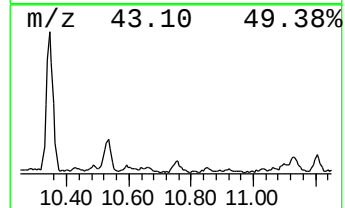
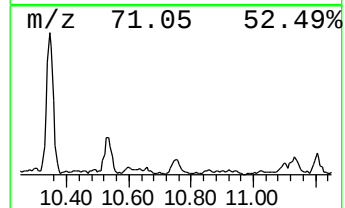
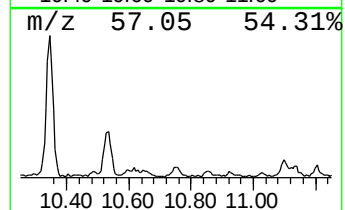
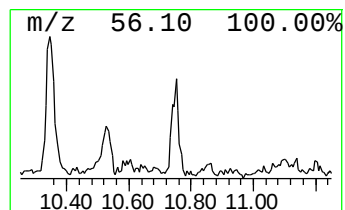
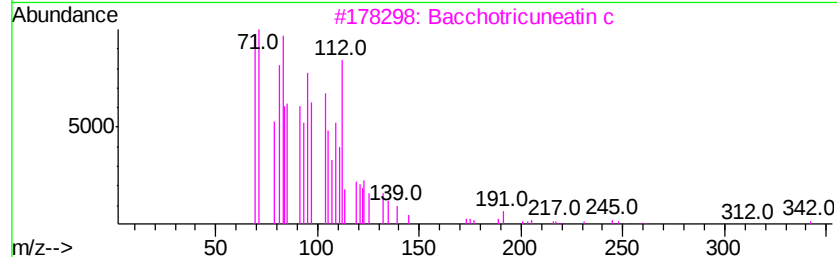
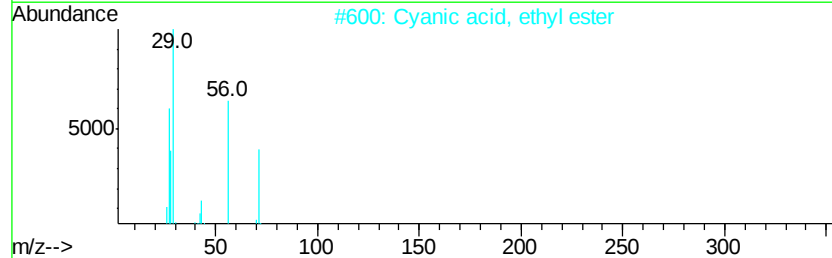
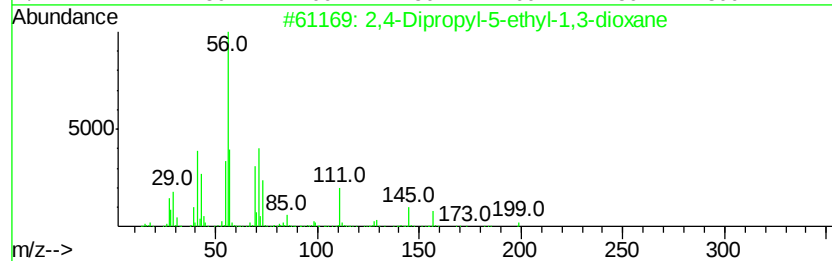
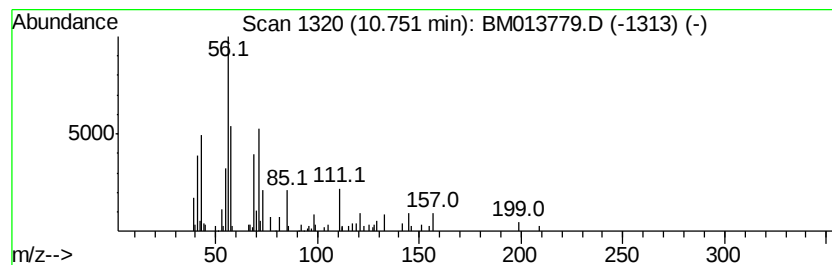
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.61 ng/ul	152476	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	72
2		Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	46
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	43
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25
5		2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	25



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
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Instrument :
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ClientSampleId :
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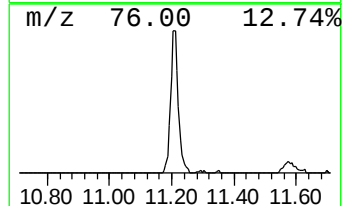
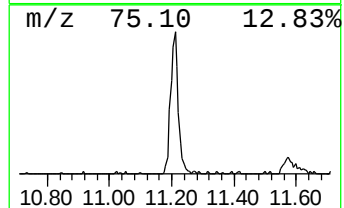
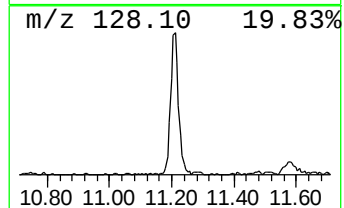
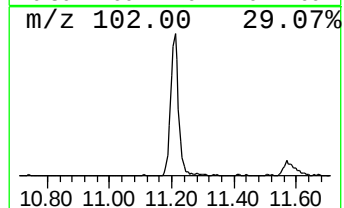
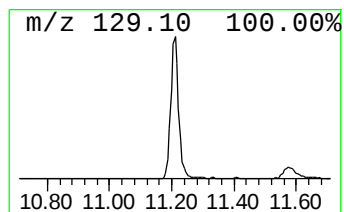
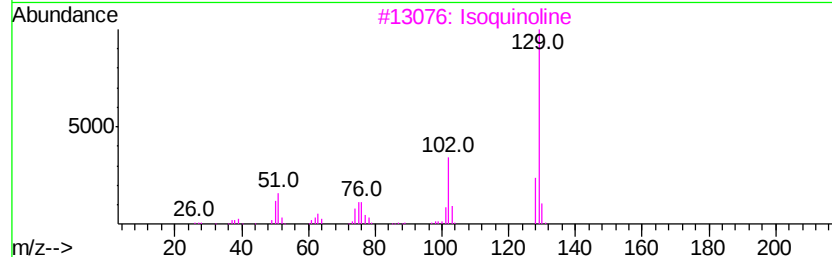
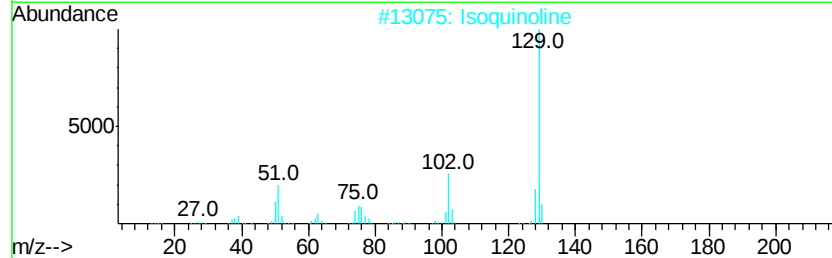
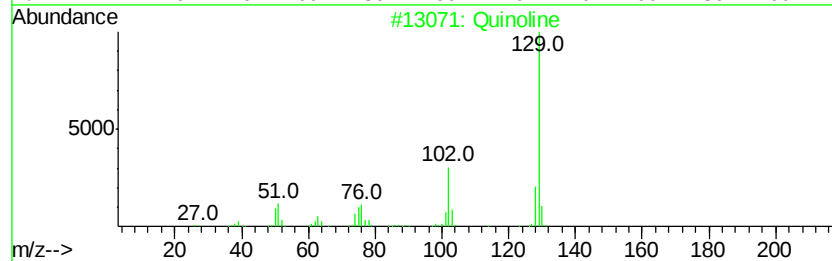
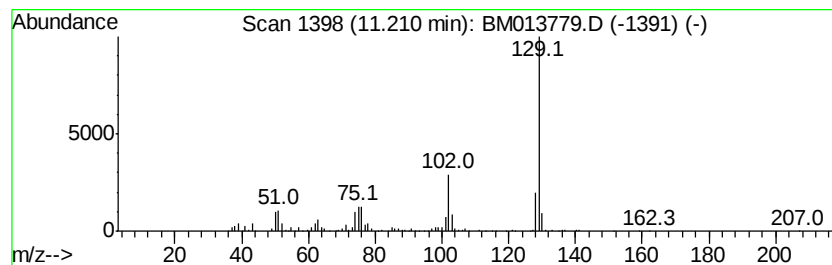
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Quinoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	27.41 ng/ul	1158150	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline	129	C9H7N	000091-22-5	97
2		Isoquinoline	129	C9H7N	000119-65-3	94
3		Isoquinoline	129	C9H7N	000119-65-3	93
4		Quinoline	129	C9H7N	000091-22-5	91
5		Isoquinoline	129	C9H7N	000119-65-3	90



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

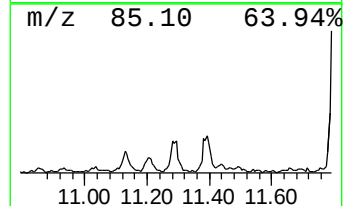
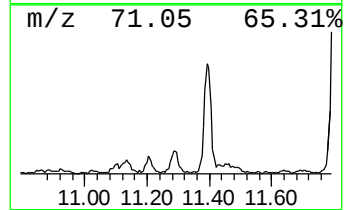
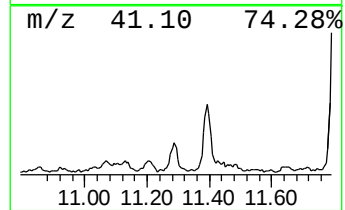
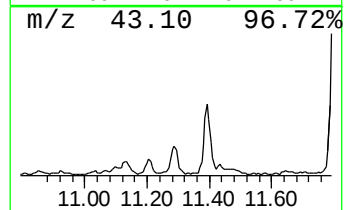
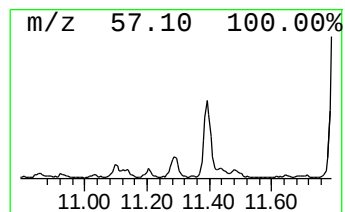
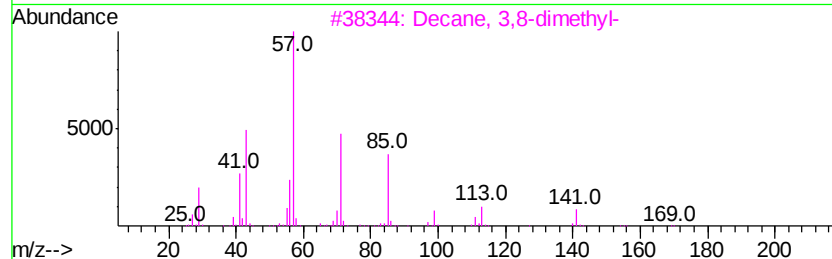
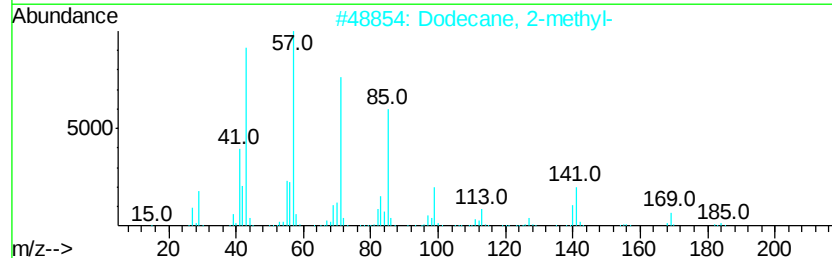
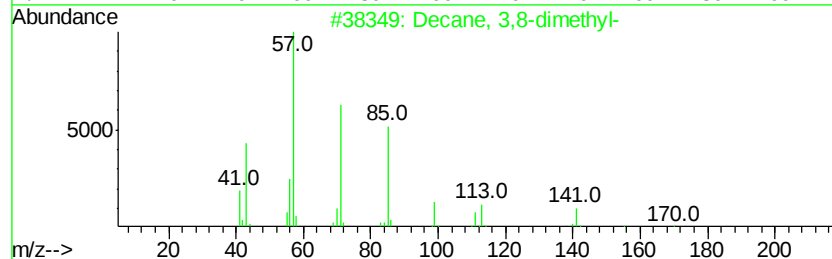
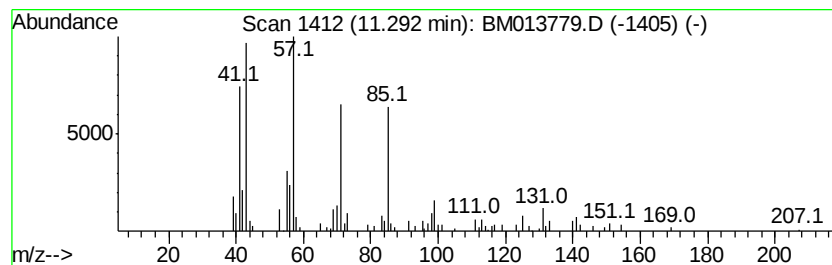
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	5.64 ng/ul	238231	Naphthalene-d8	10.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	52
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Misc :
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ClientSampleId :
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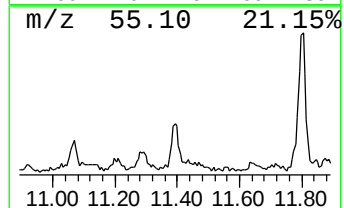
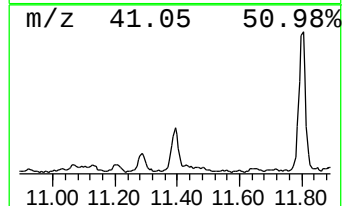
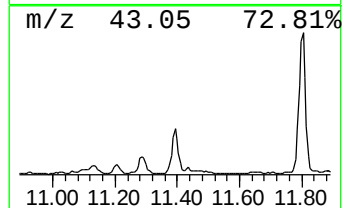
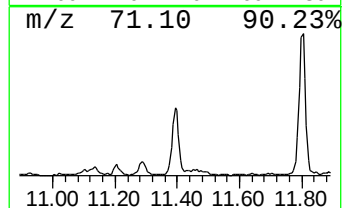
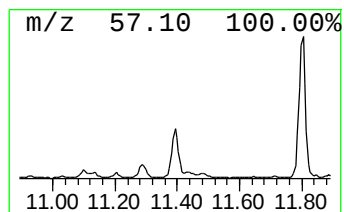
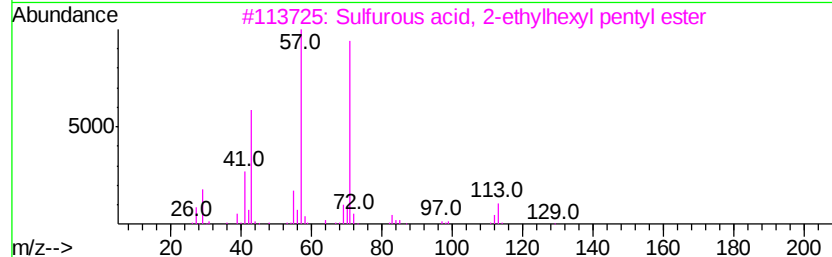
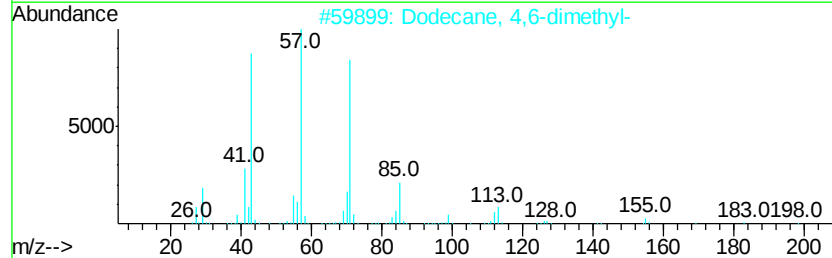
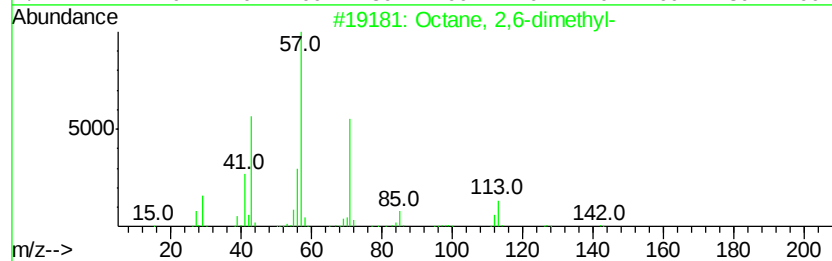
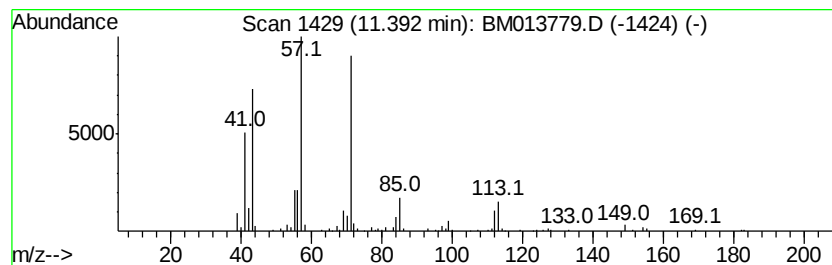
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	13.58 ng/ul	573649	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4		Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	59
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Misc :
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ClientSampleId :
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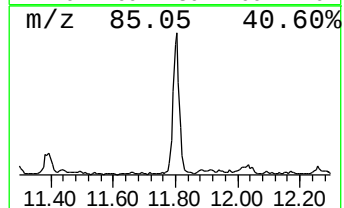
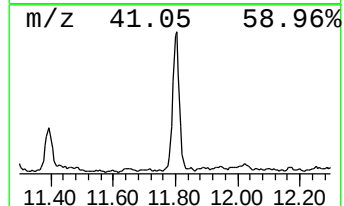
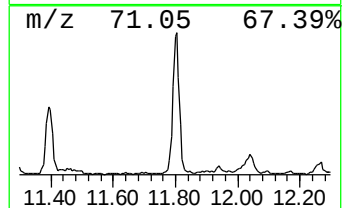
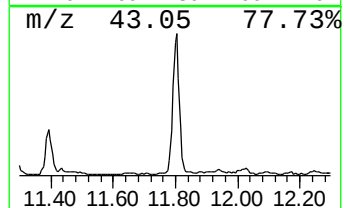
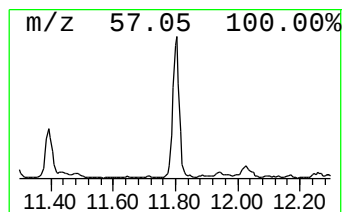
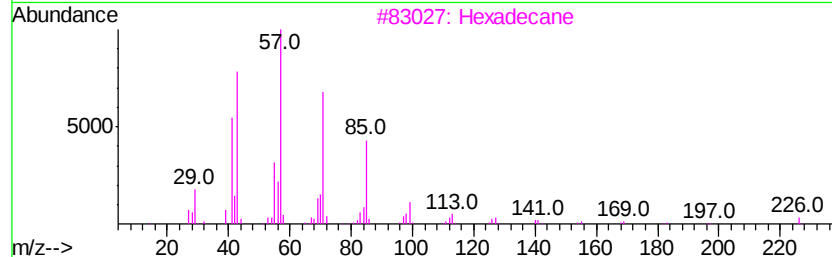
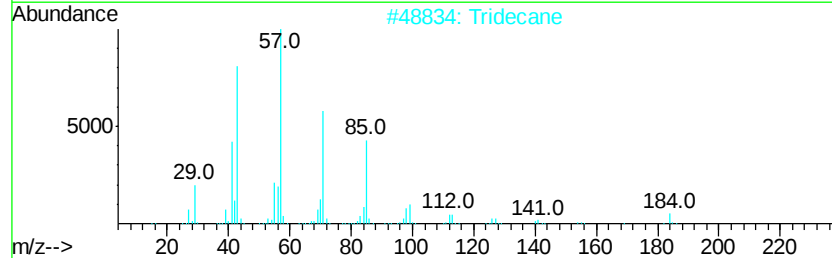
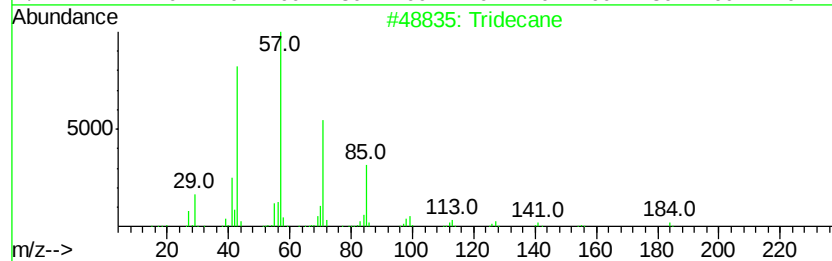
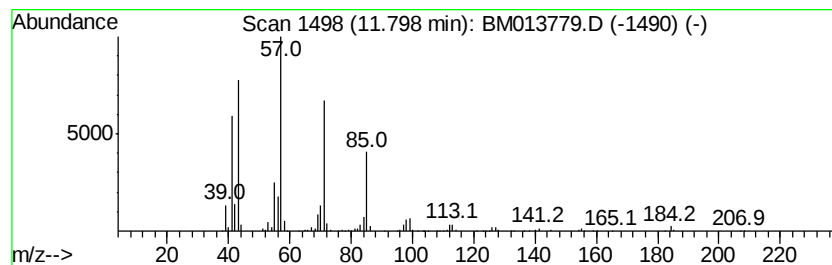
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	39.84 ng/ul	1683400	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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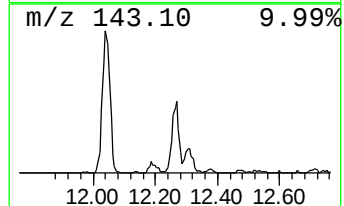
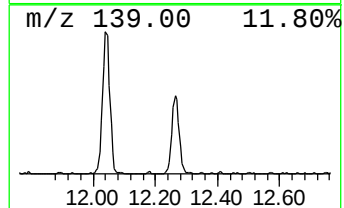
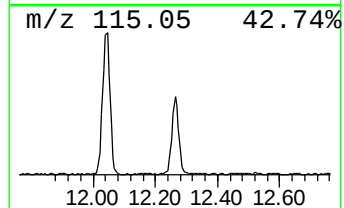
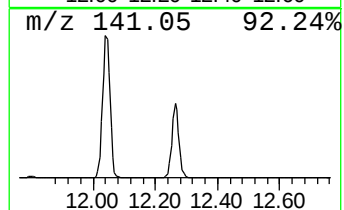
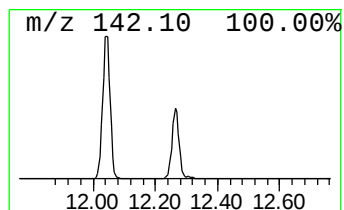
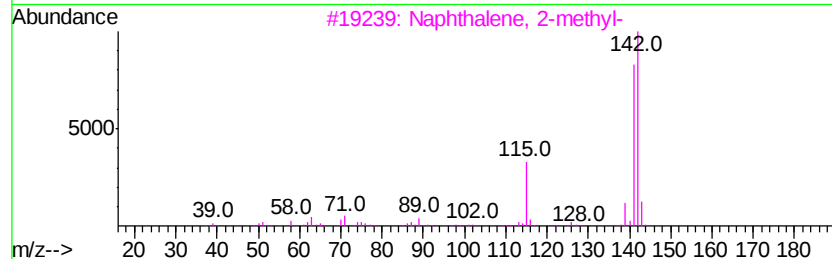
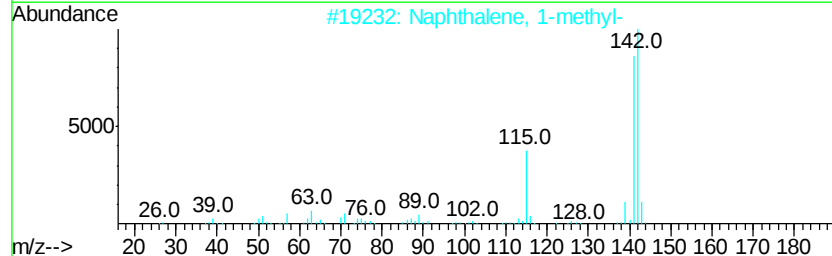
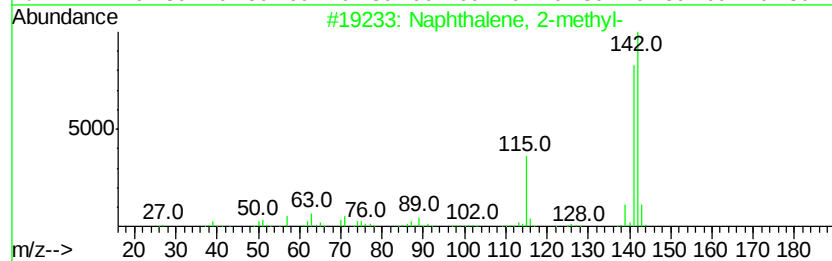
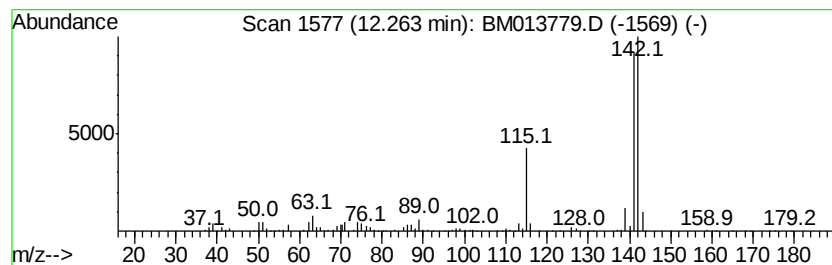
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	27.17 ng/ul	1148210	Naphthalene-d8	10.37

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	93
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
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ALS Vial : 14 Sample Multiplier: 1

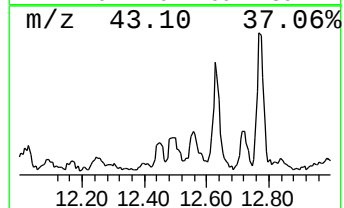
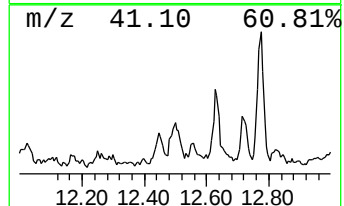
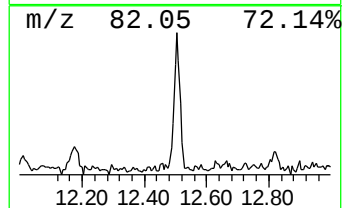
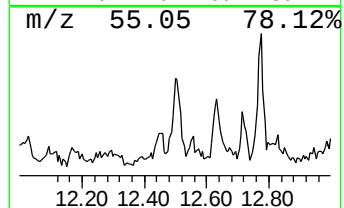
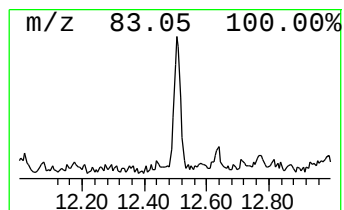
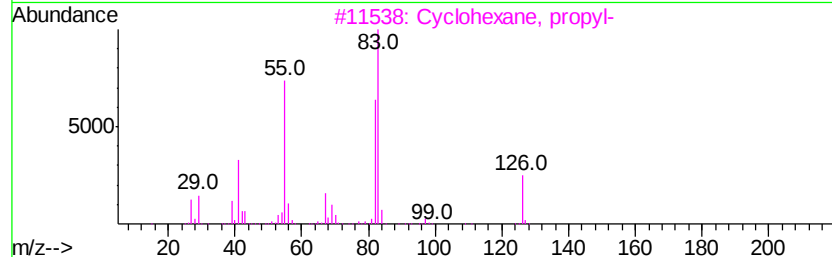
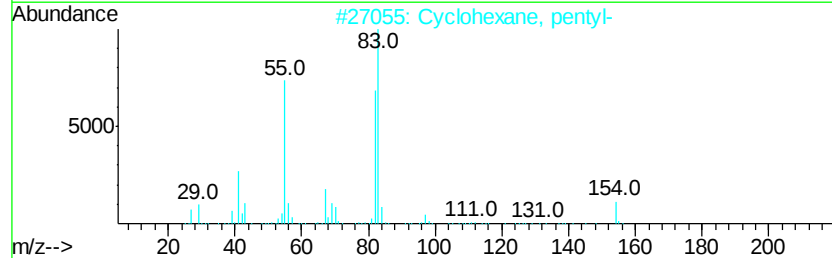
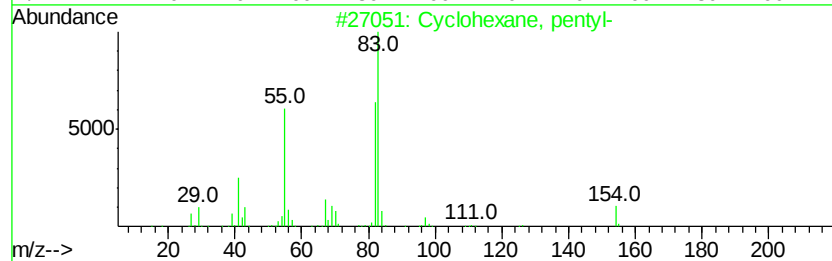
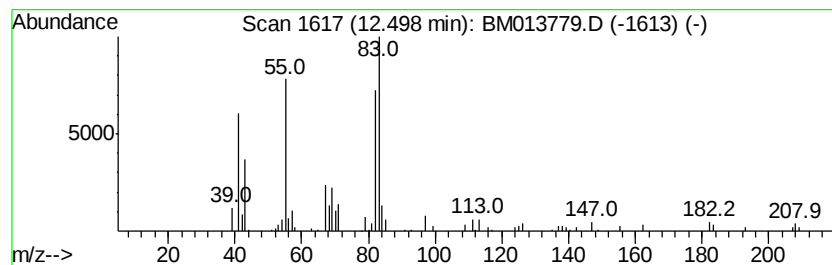
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic12.50 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.06 ng/ul	200896	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, pentyl-	154 C11H22	004292-92-6 90
2		Cyclohexane, pentyl-	154 C11H22	004292-92-6 87
3		Cyclohexane, propyl-	126 C9H18	001678-92-8 78
4		Cyclohexane, butyl-	140 C10H20	001678-93-9 78
5		Cyclohexane, propyl-	126 C9H18	001678-92-8 72



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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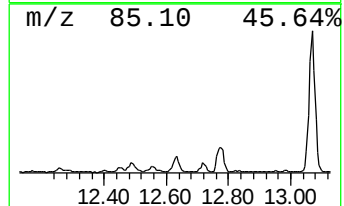
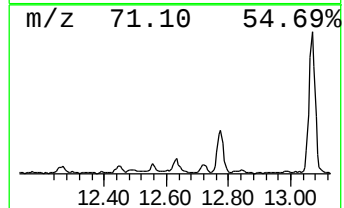
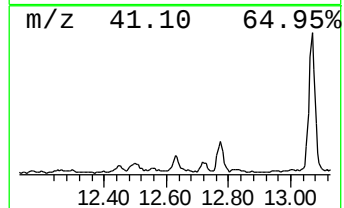
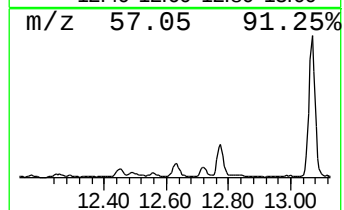
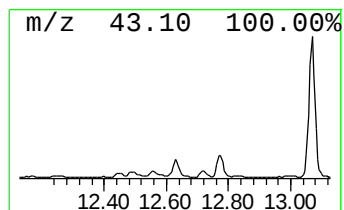
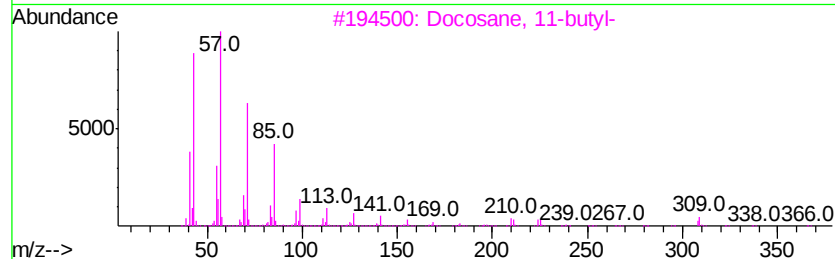
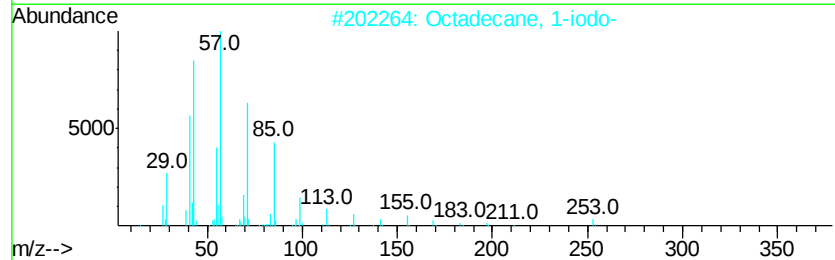
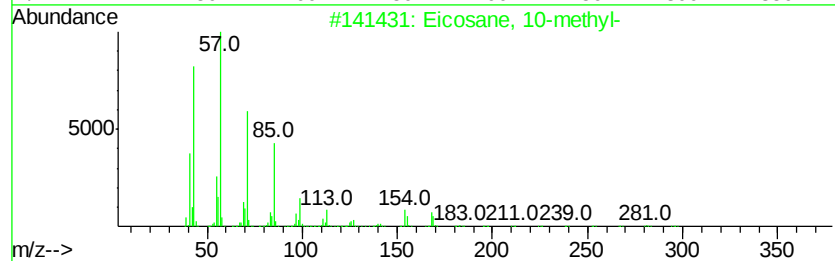
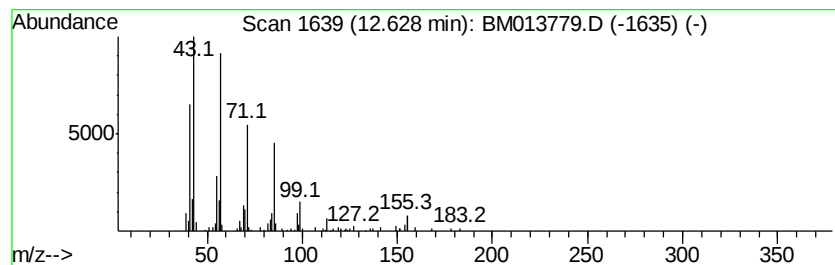
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.51 ng/ul	342681	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	72
4			Octacosane	394	C28H58	000630-02-4	68
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Misc :
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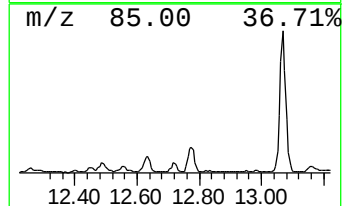
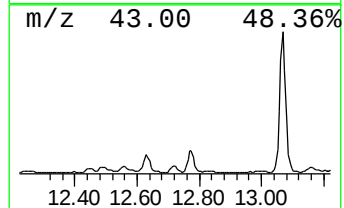
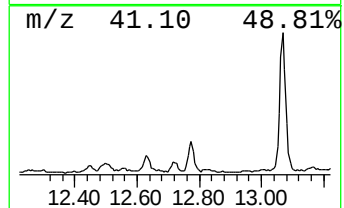
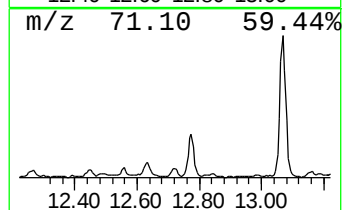
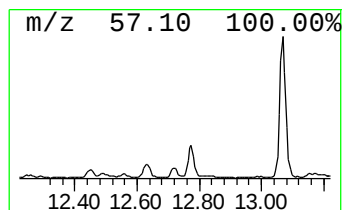
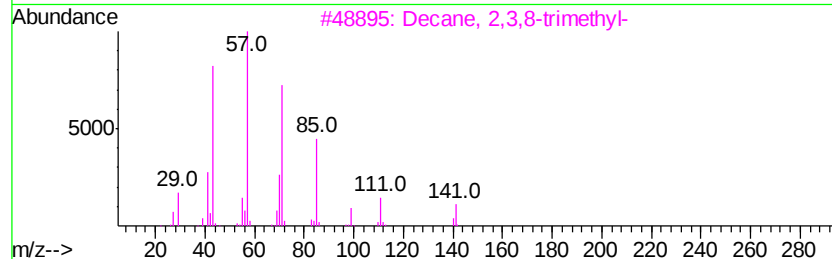
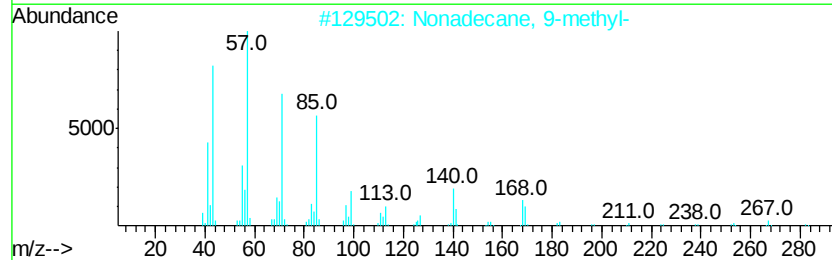
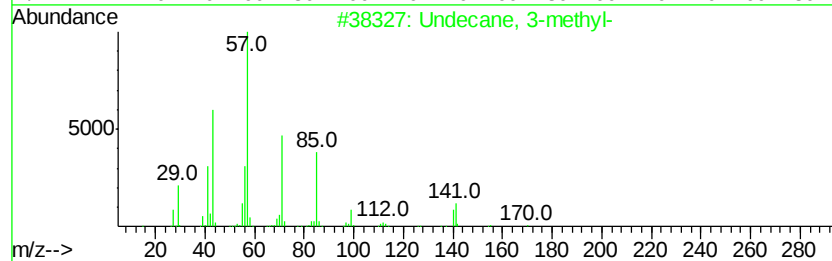
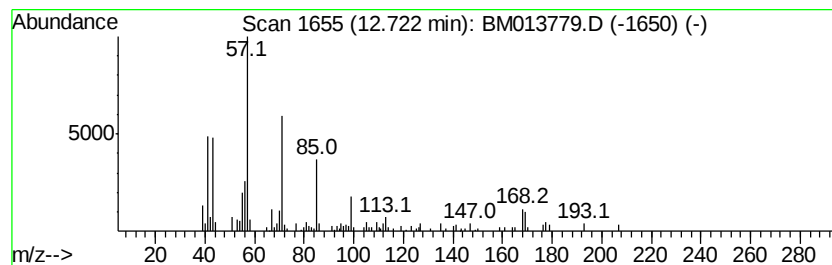
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.18 ng/ul	213091	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	59
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
4			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
5			5-Ethyldecane	170	C12H26	017302-36-2	47



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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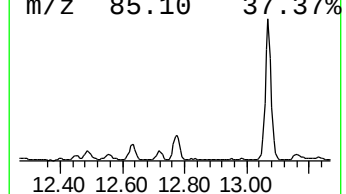
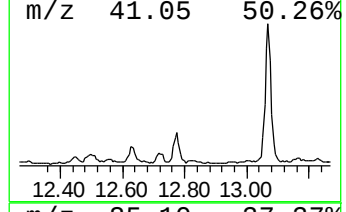
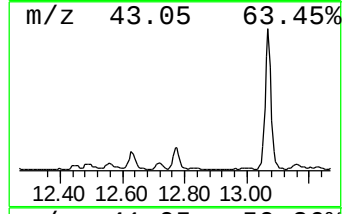
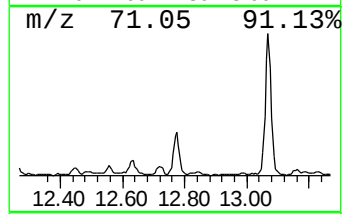
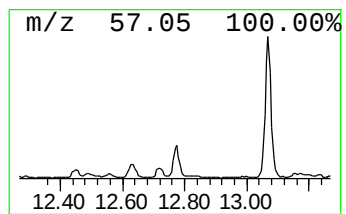
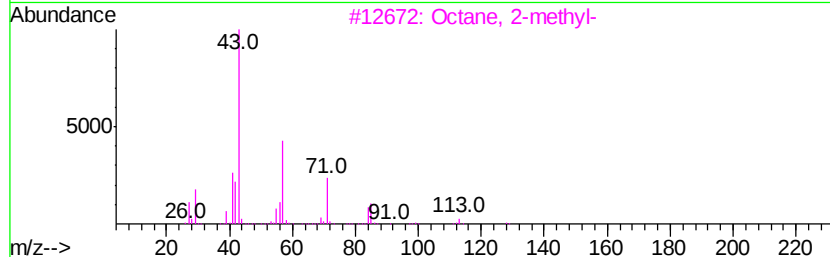
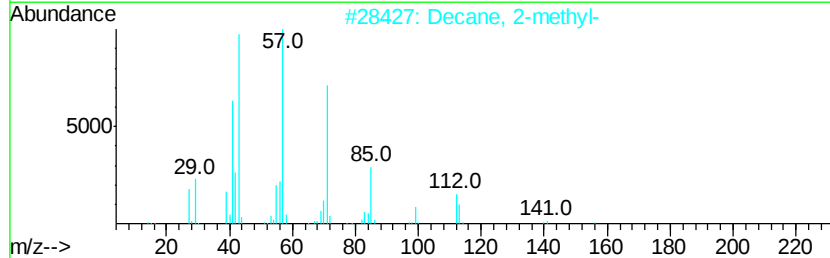
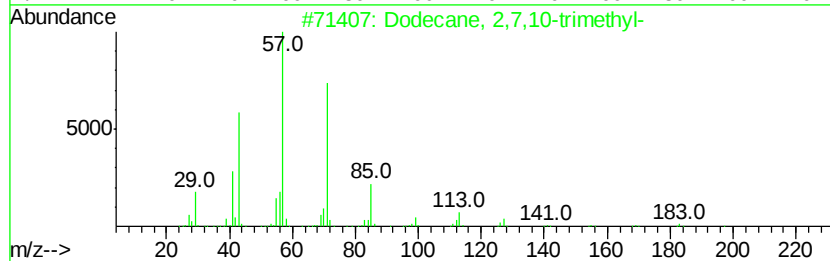
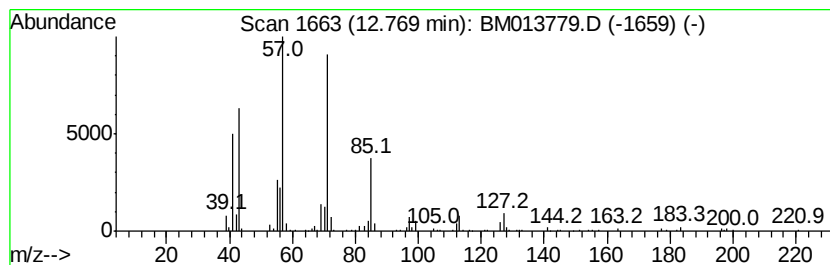
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.05 ng/ul	493438	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Decane, 2-methyl-	156	C11H24	006975-98-0	80
3			Octane, 2-methyl-	128	C9H20	003221-61-2	80
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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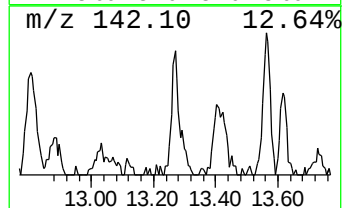
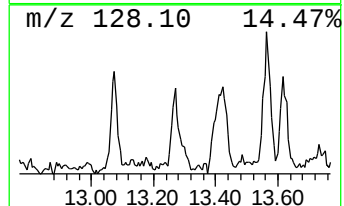
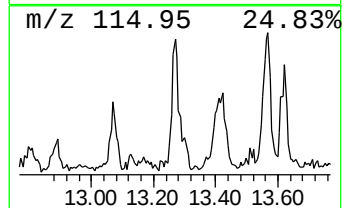
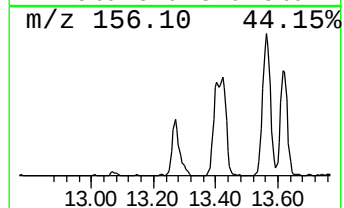
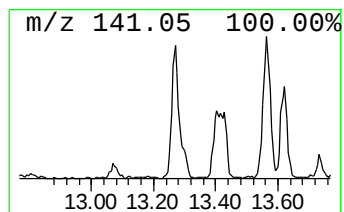
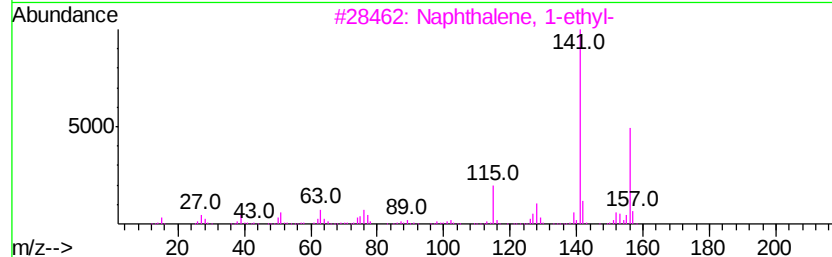
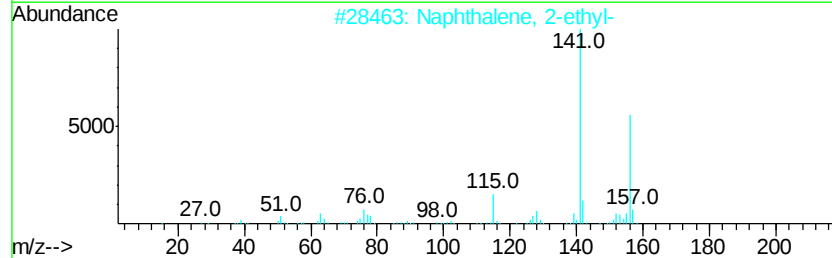
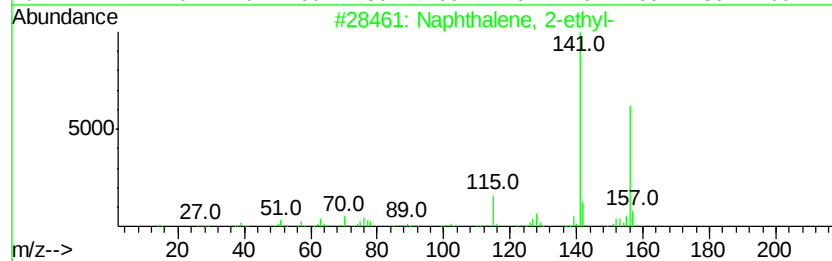
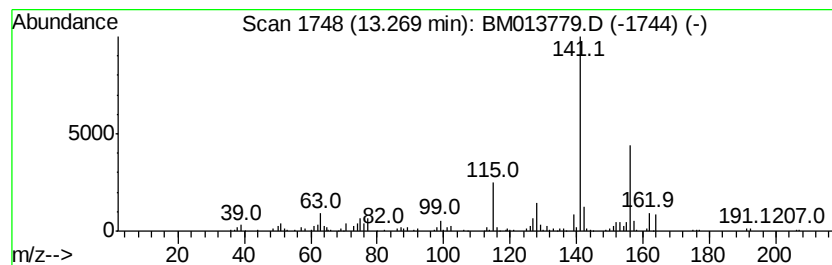
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.68 ng/ul	555032	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 91
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 91
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 90



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

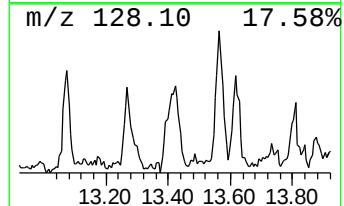
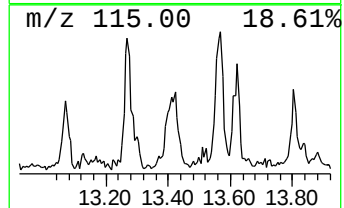
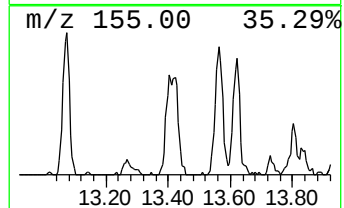
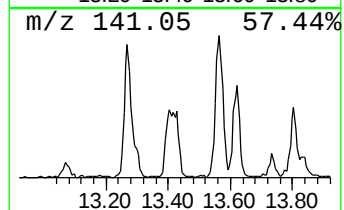
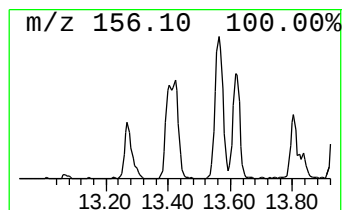
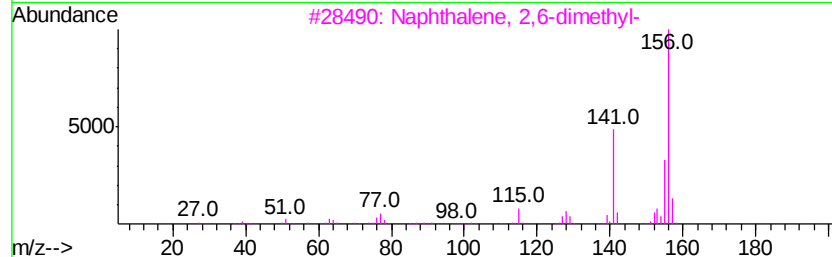
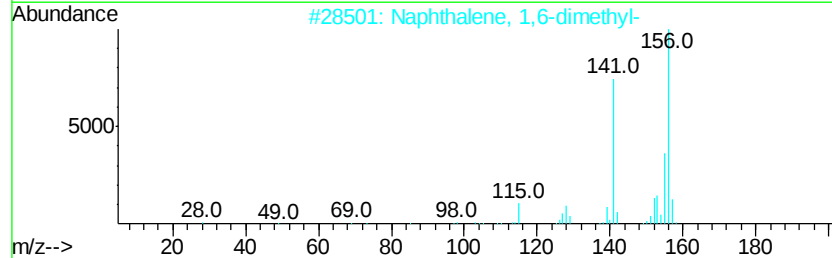
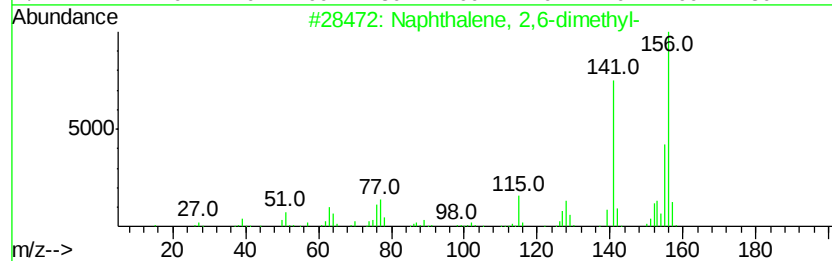
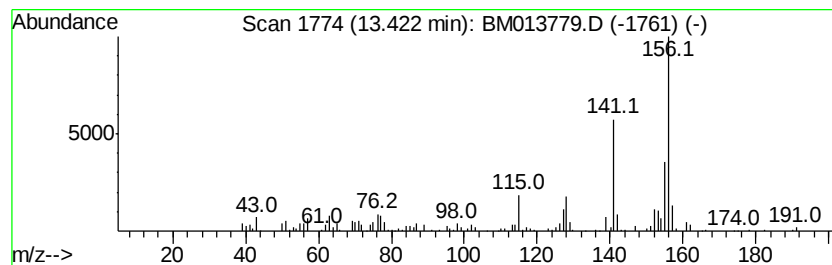
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.42	6.75 ng/ul	659405	Acenaphthene-d10		14.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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ALS Vial : 14 Sample Multiplier: 1

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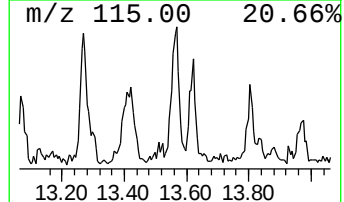
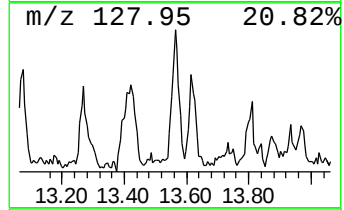
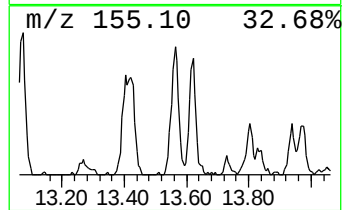
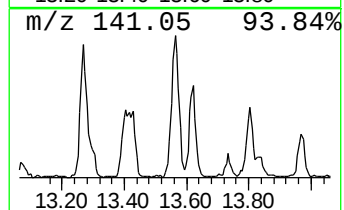
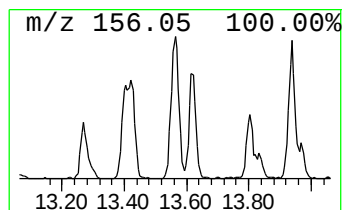
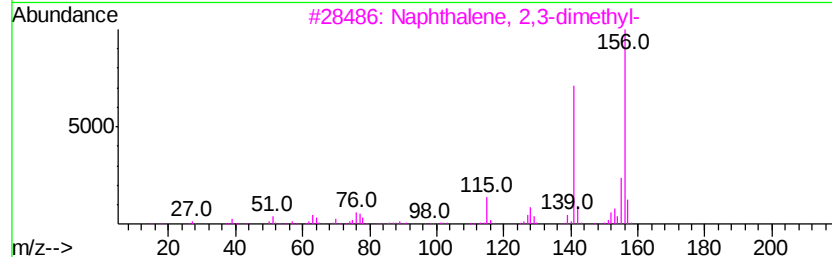
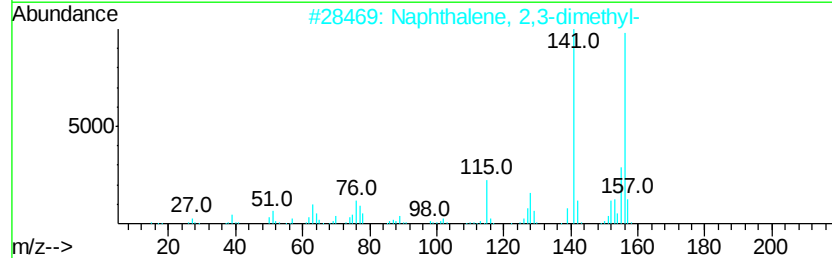
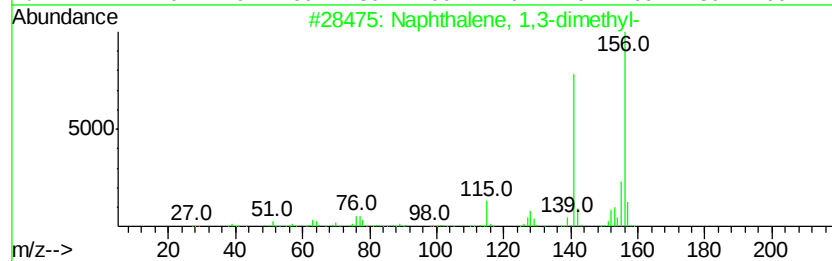
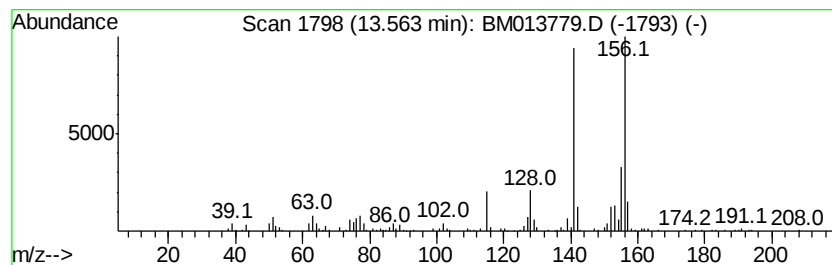
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.51 ng/ul	538296	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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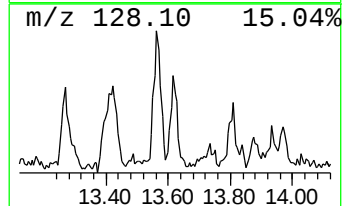
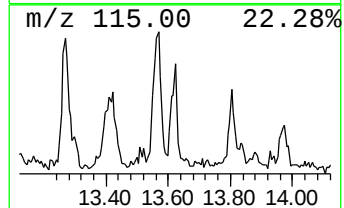
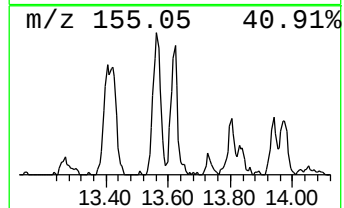
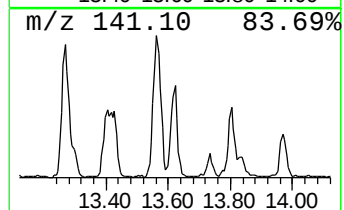
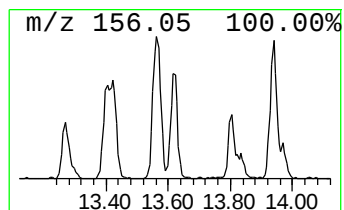
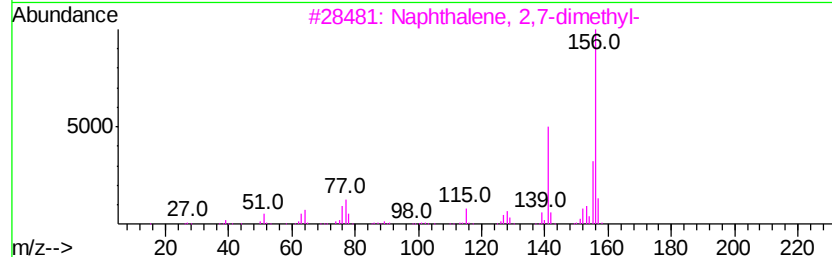
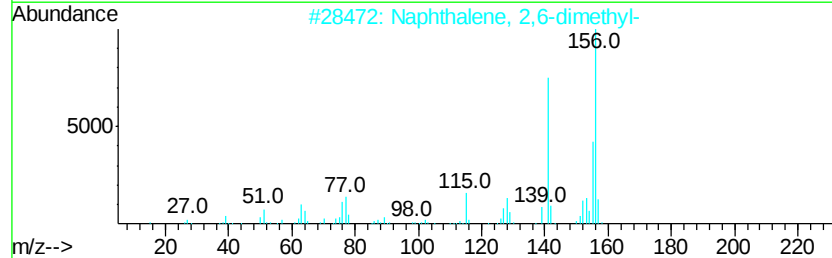
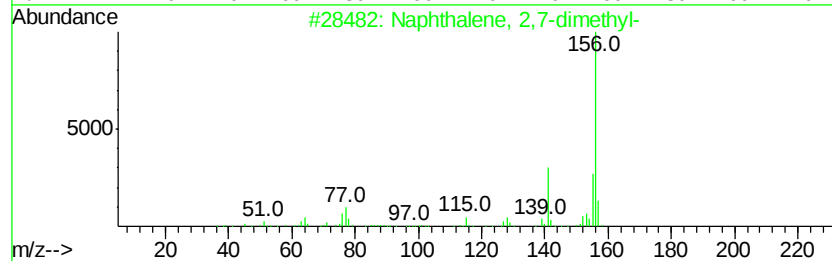
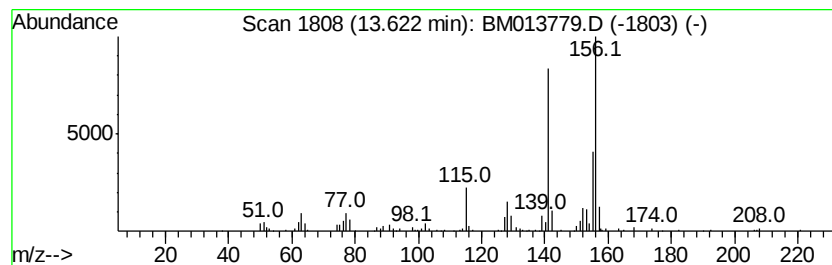
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.22 ng/ul	217269	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

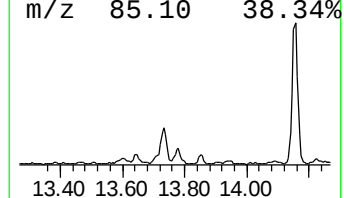
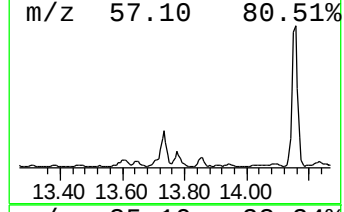
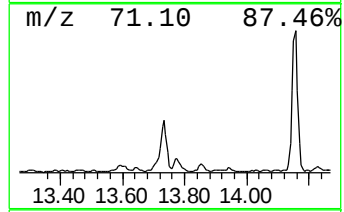
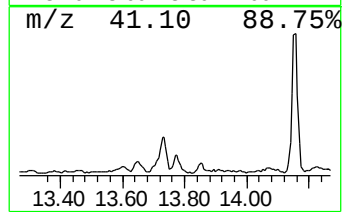
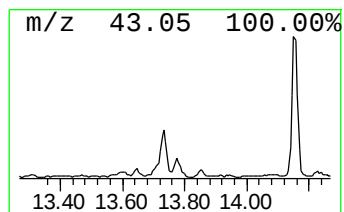
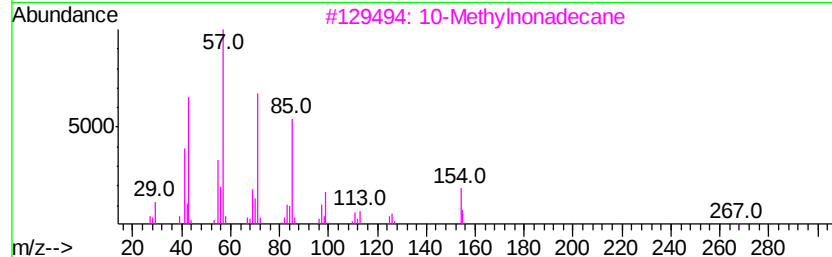
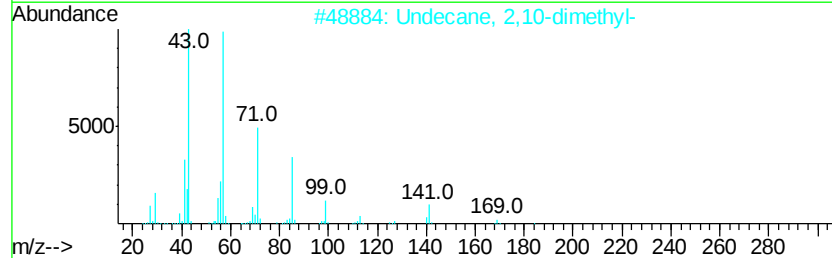
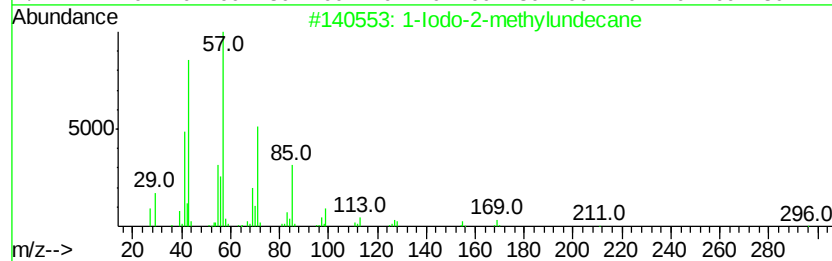
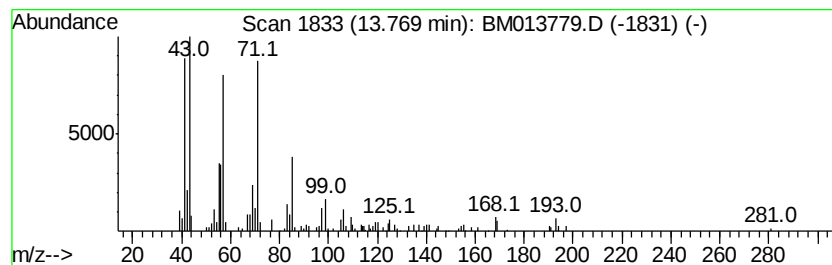
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1-Iodo-2-methylundecane Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.77	2.58 ng/ul	252139	Acenaphthene-d10		14.25		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59
3			10-Methylnonadecane	282	C20H42	056862-62-5	59
4			Octacosane	394	C28H58	000630-02-4	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Instrument :
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ClientSampleId :
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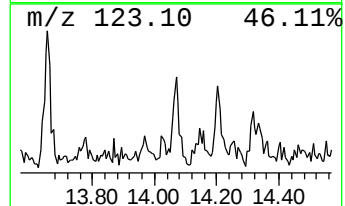
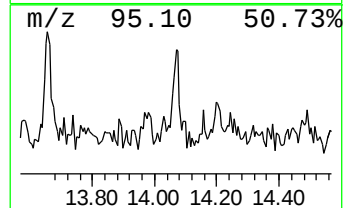
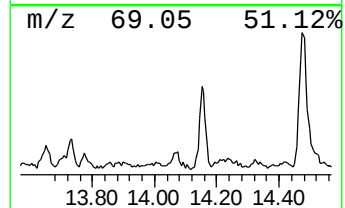
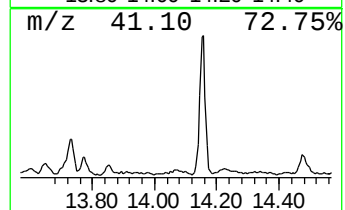
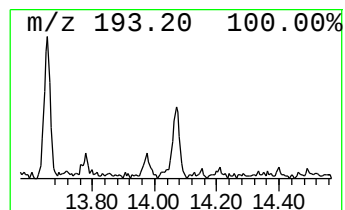
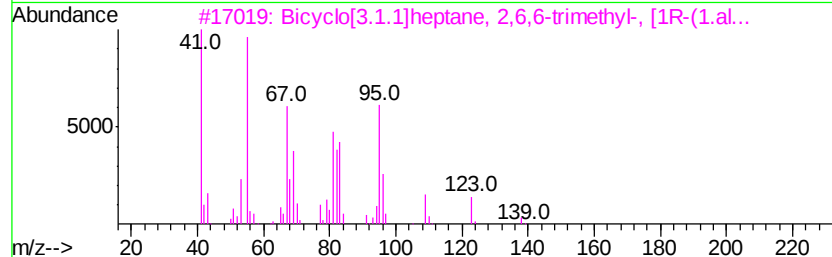
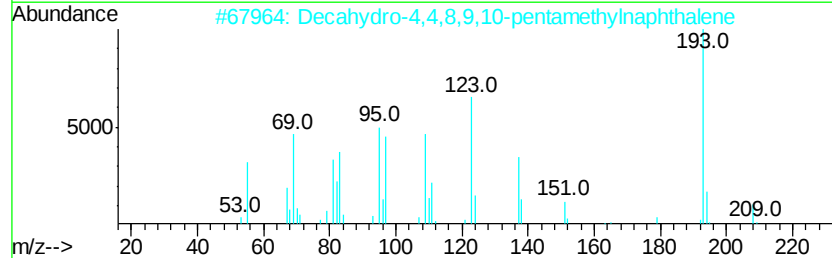
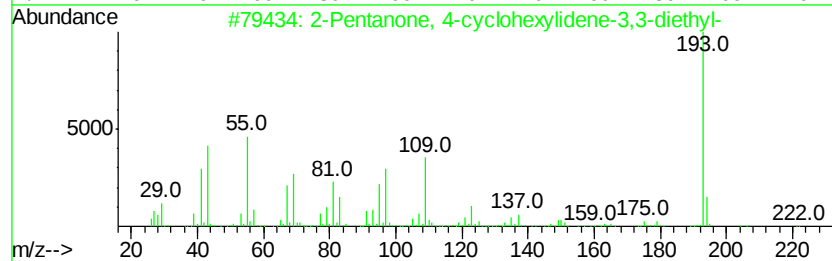
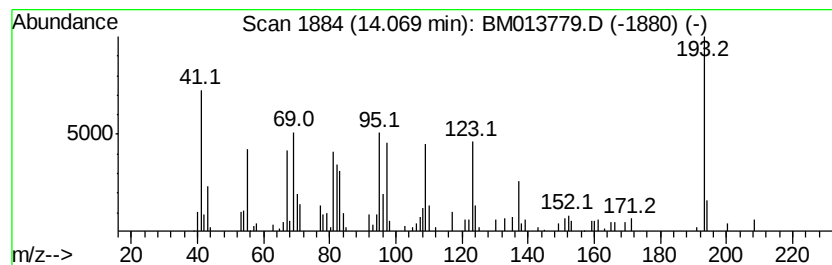
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 2-Pentanone, 4-cyclohexylidene... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.24 ng/ul	219252	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	30
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	30
5		2-Anthracenamine	193	C14H11N	000613-13-8	30



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ClientSampleId :
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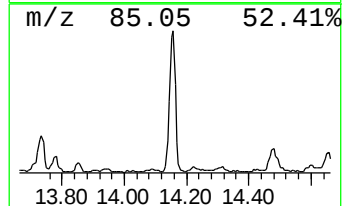
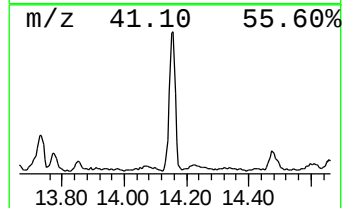
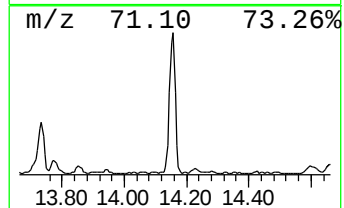
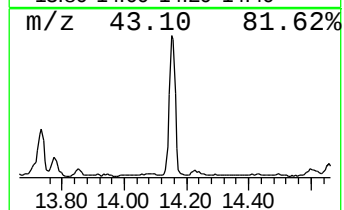
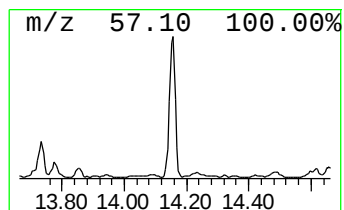
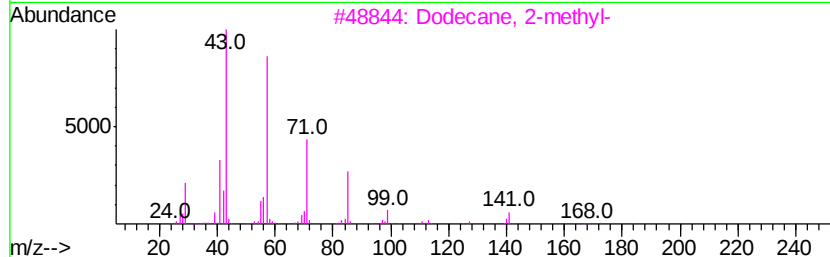
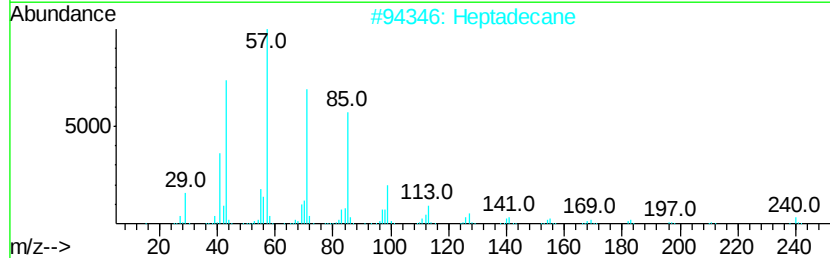
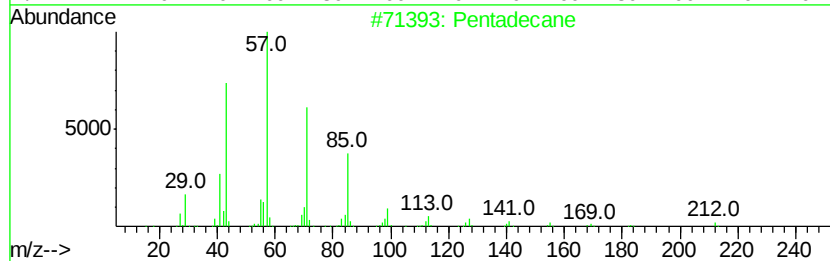
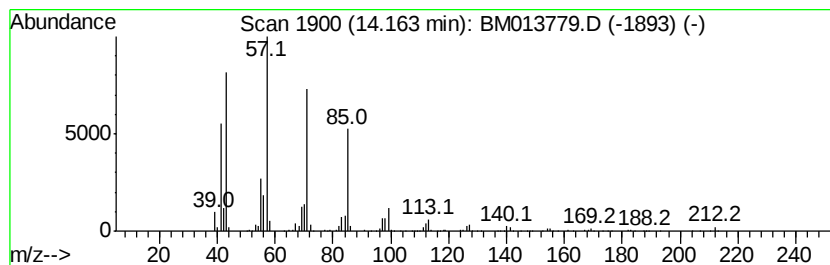
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	24.18 ng/ul	2362790	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
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Misc :
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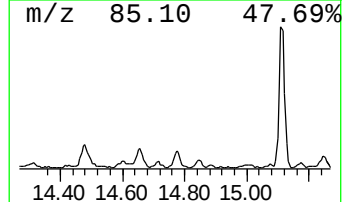
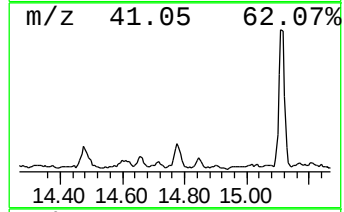
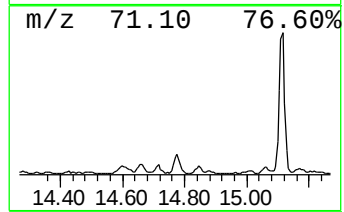
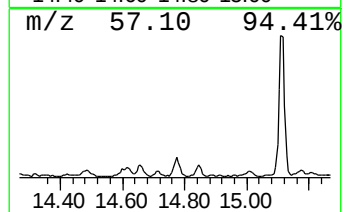
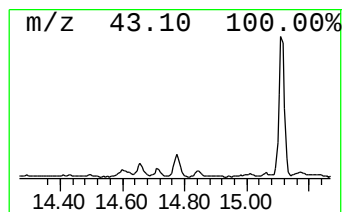
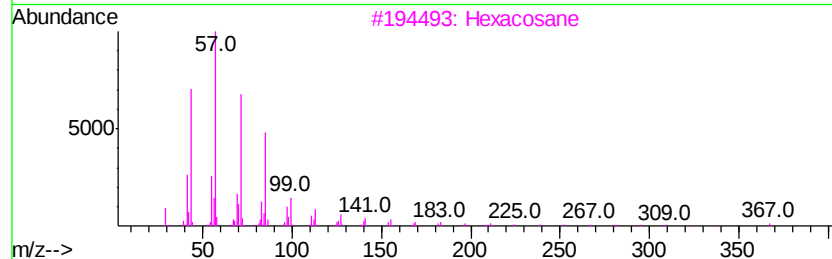
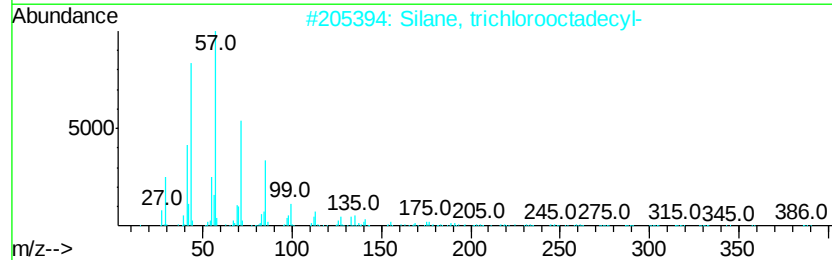
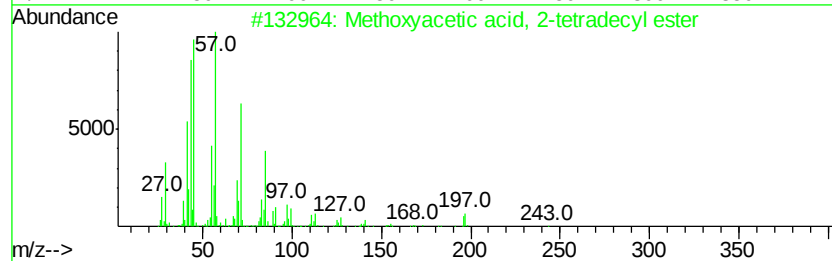
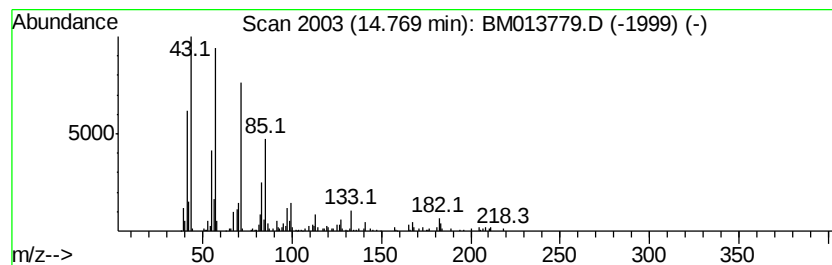
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Methoxyacetic acid, 2-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	6.41 ng/ul	626132	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	68
3			Hexacosane	366	C26H54	000630-01-3	68
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5			Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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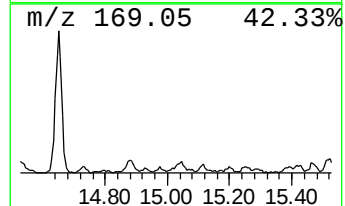
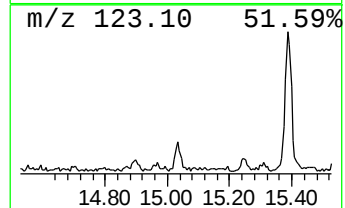
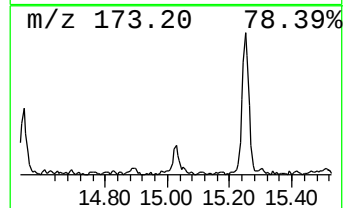
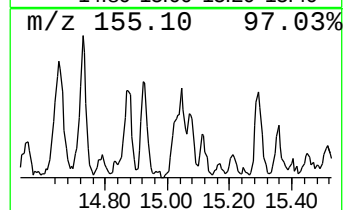
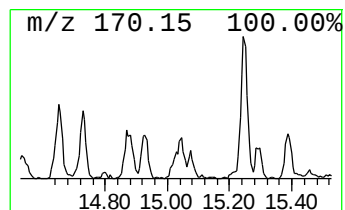
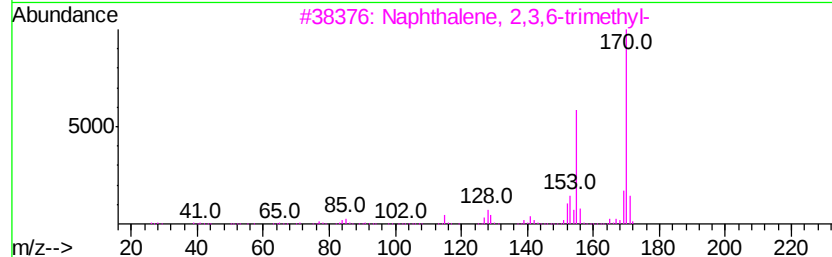
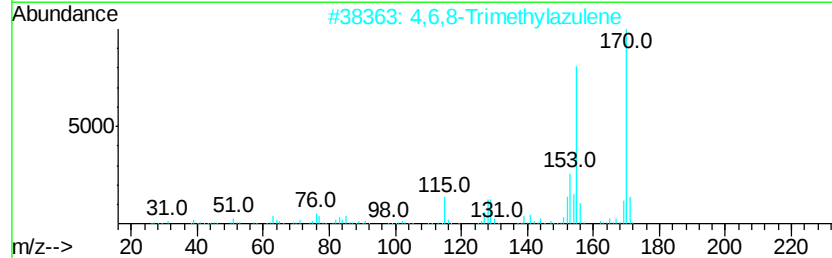
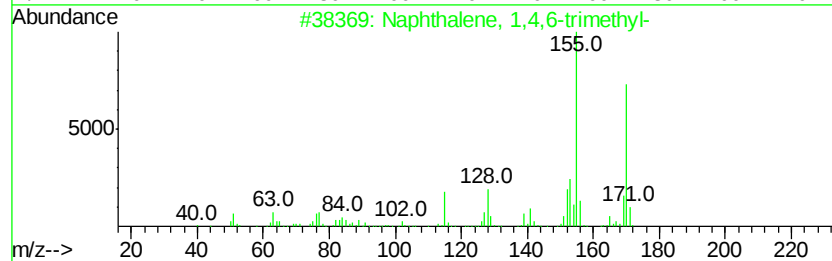
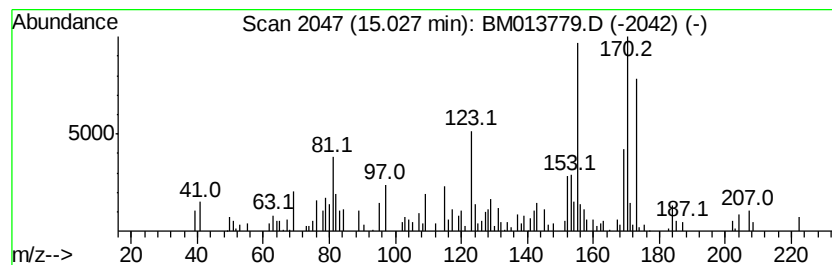
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,4,6-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.03 ng/ul	198770	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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ALS Vial : 14 Sample Multiplier: 1

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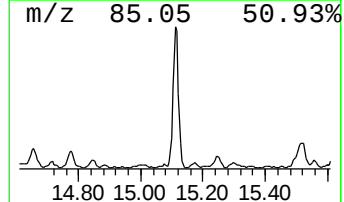
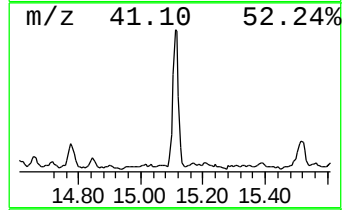
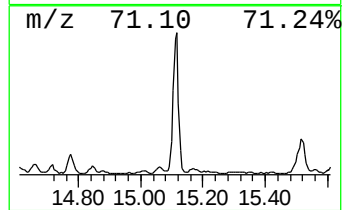
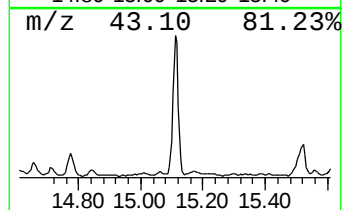
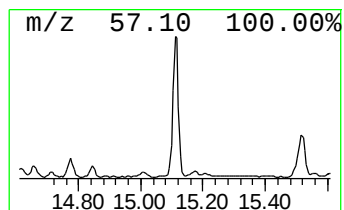
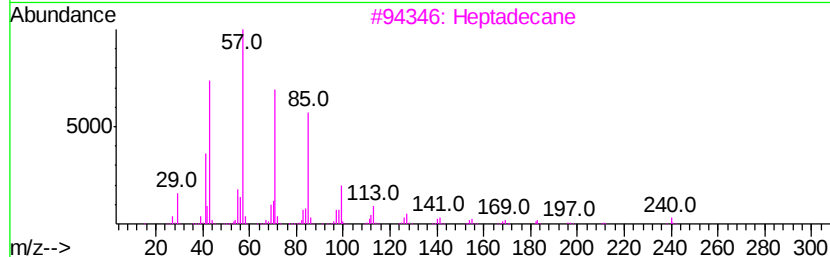
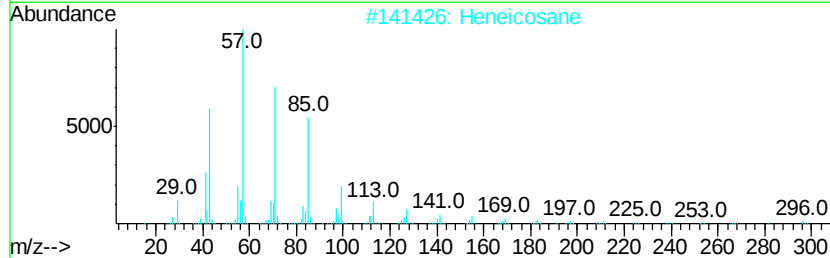
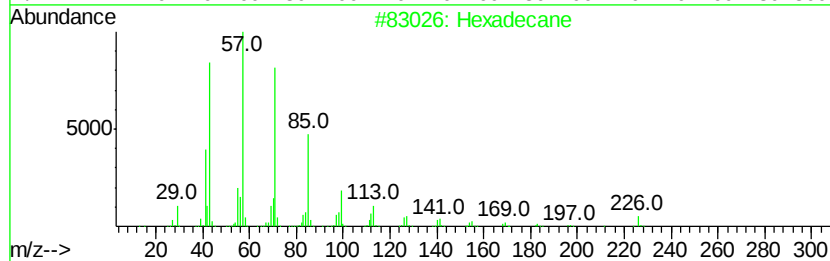
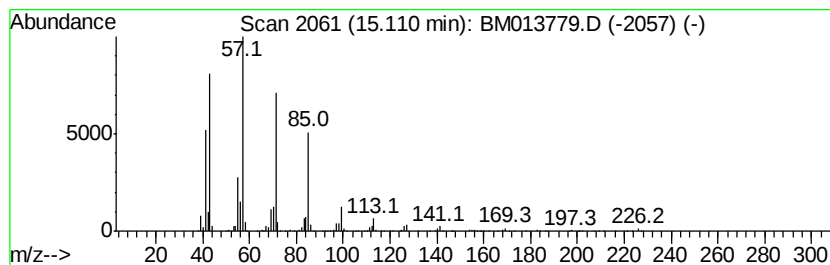
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	22.33 ng/ul	2182020	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
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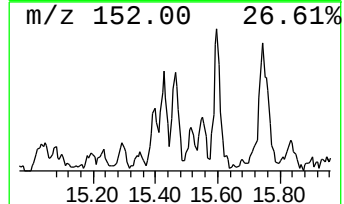
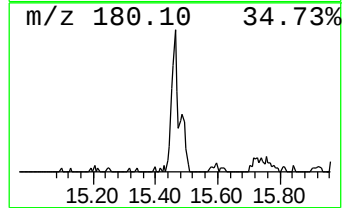
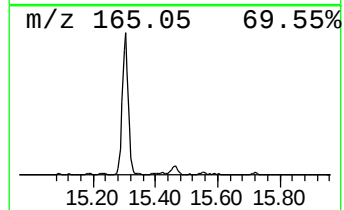
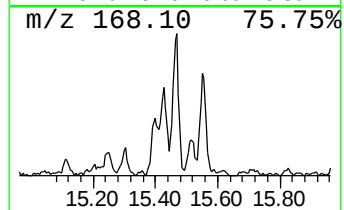
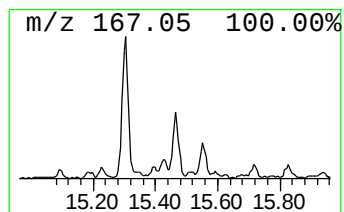
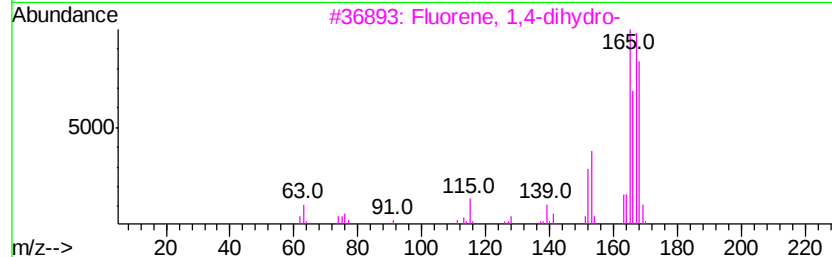
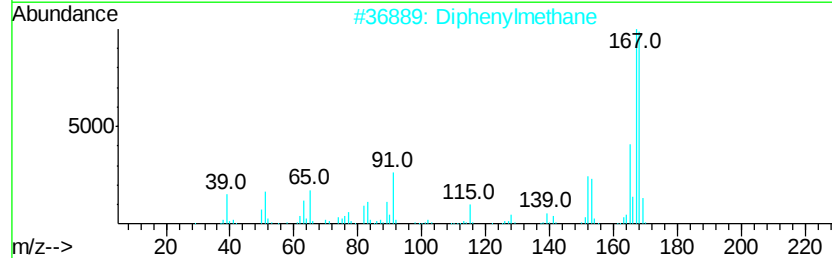
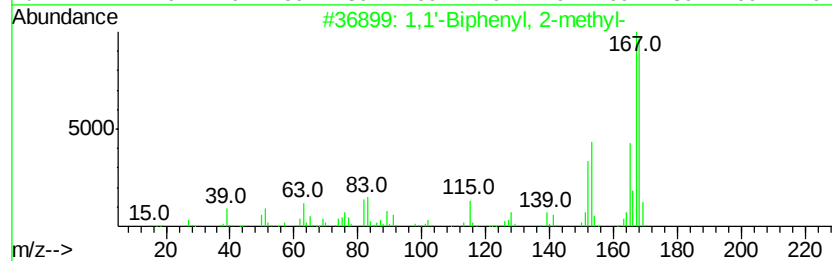
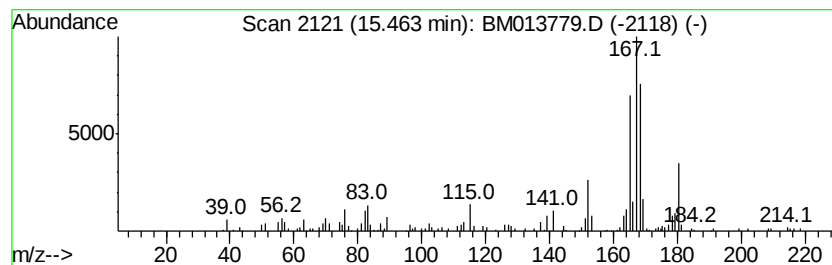
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	2.16 ng/ul	211395	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 76
2		Diphenylmethane	168 C13H12	000101-81-5 62
3		Fluorene, 1,4-dihydro-	168 C13H12	041593-21-9 58
4		Diphenylmethane	168 C13H12	000101-81-5 58
5		Fluorene, 2,4a-dihydro-	168 C13H12	059247-36-8 52



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Sample : J1223-11
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ClientSampleId :
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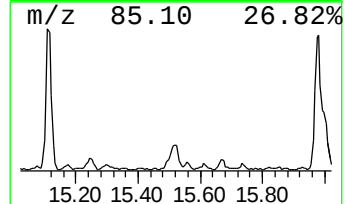
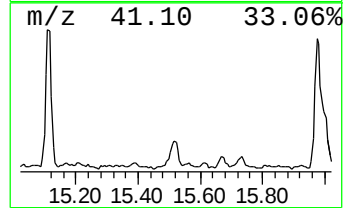
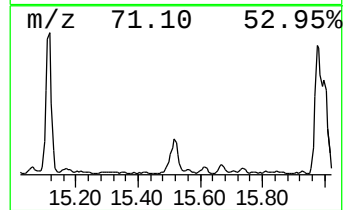
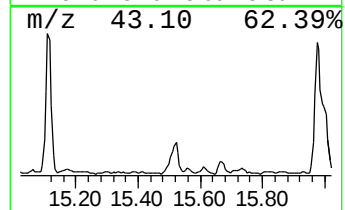
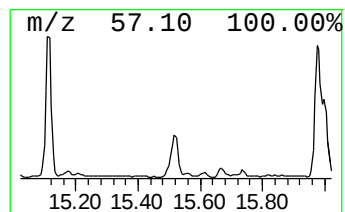
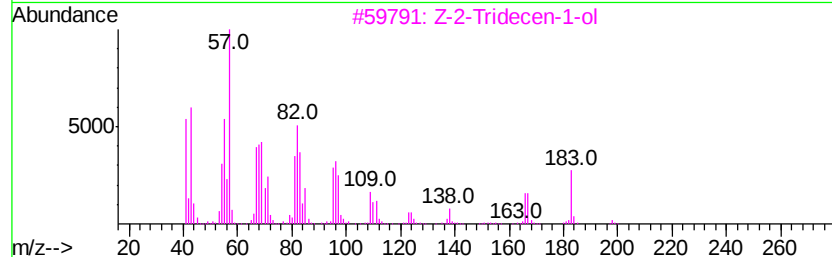
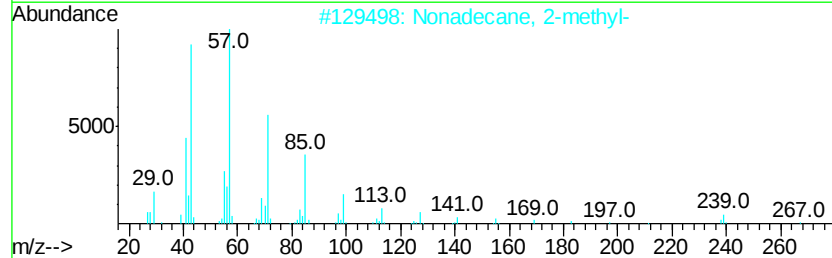
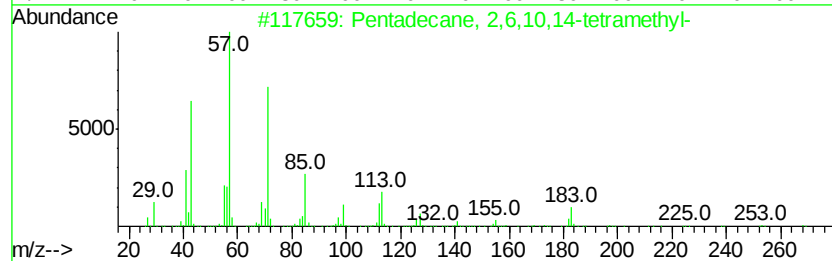
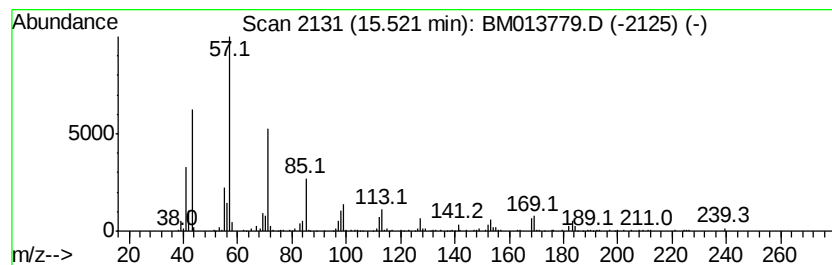
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	7.56 ng/ul	738933	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
3			Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	60
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Sample : J1223-11
Misc :
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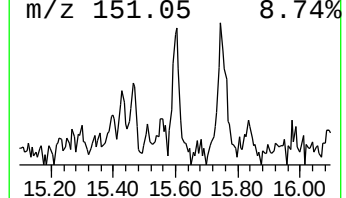
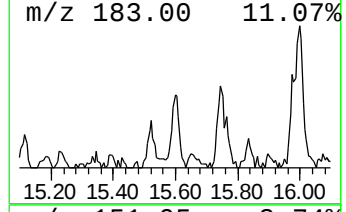
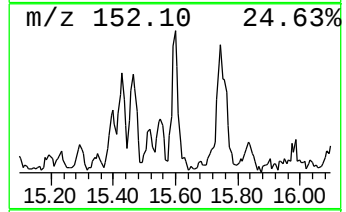
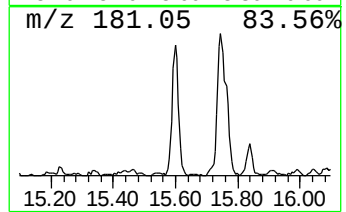
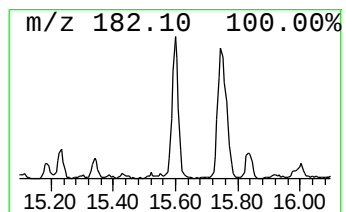
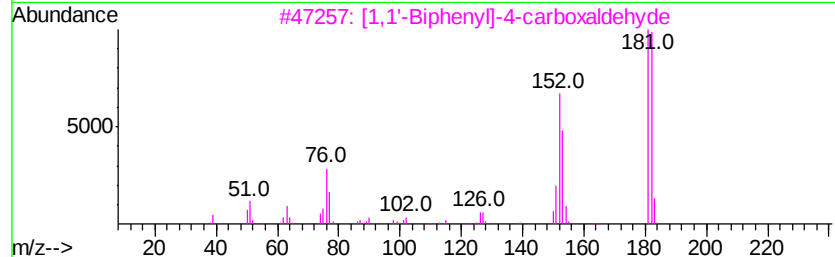
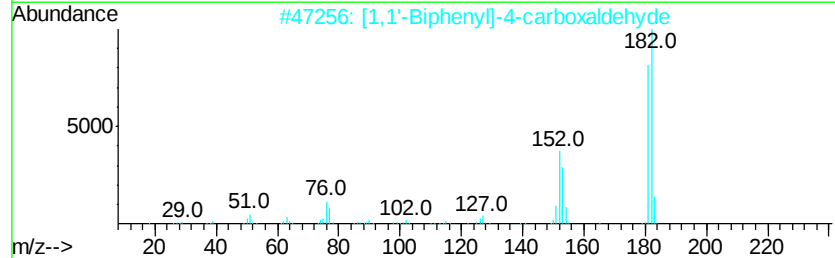
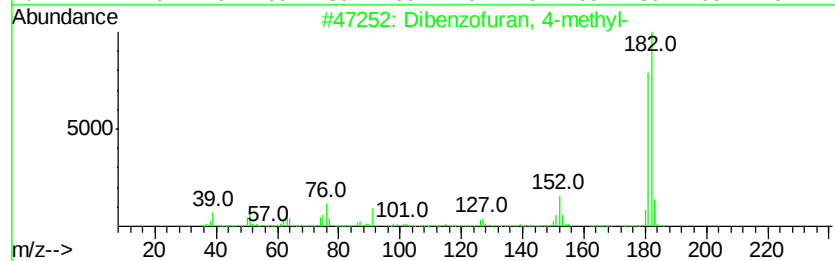
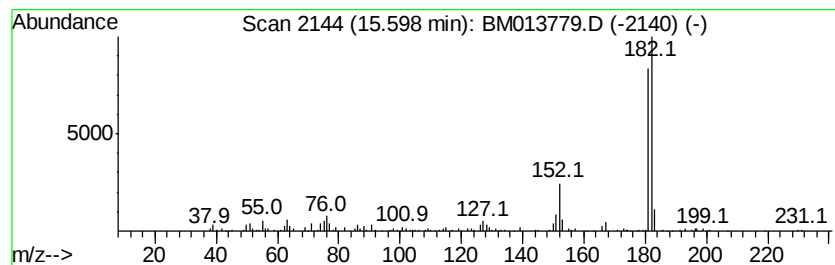
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Dibenzofuran, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	5.11 ng/ul	499018	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4			Norharmaline, N-methyl-	182	C12H10N2	1000374-78-6	72
5			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
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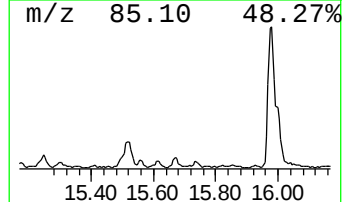
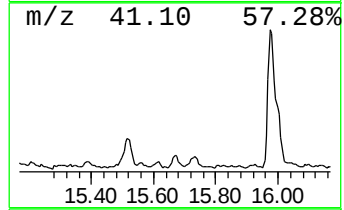
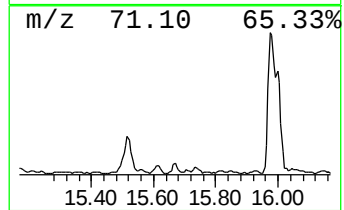
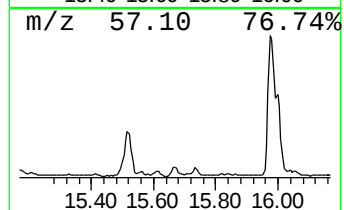
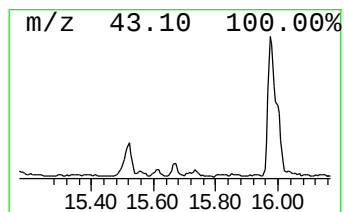
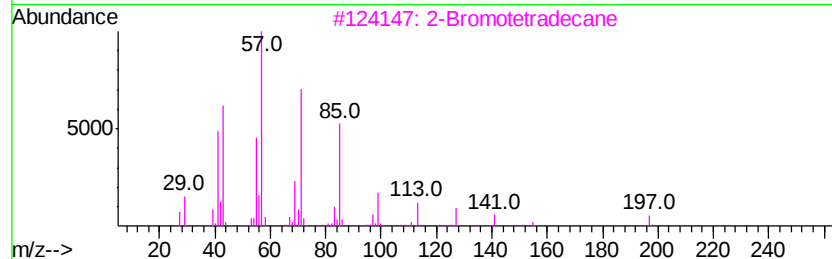
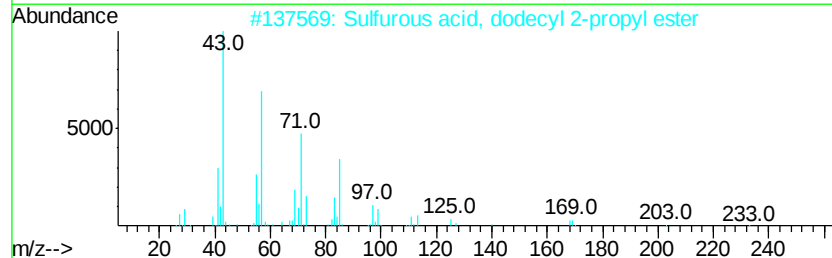
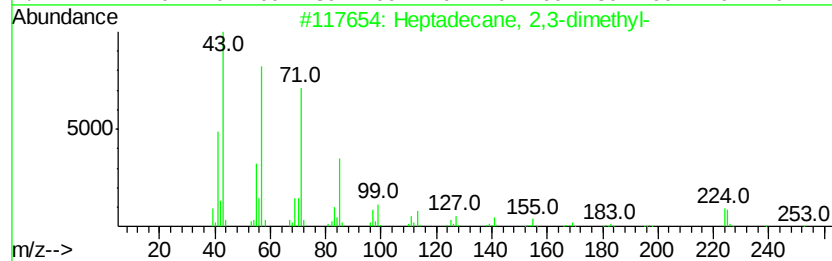
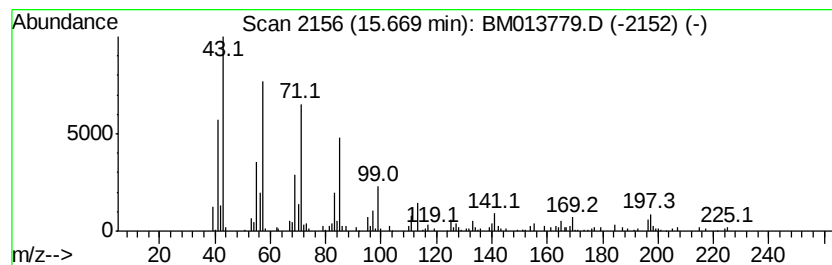
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.00 ng/ul	259610	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	72
2			Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	64
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	58



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Misc :
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Instrument :
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ClientSampleId :
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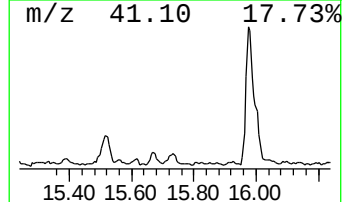
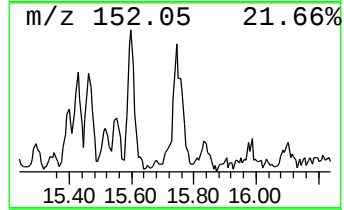
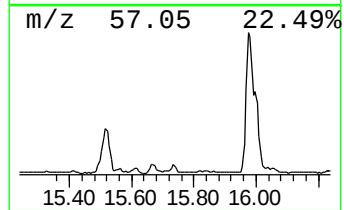
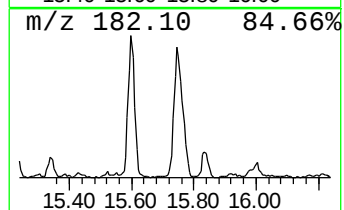
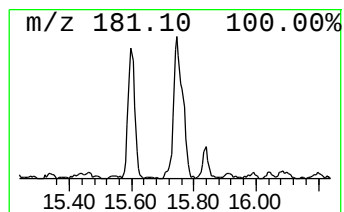
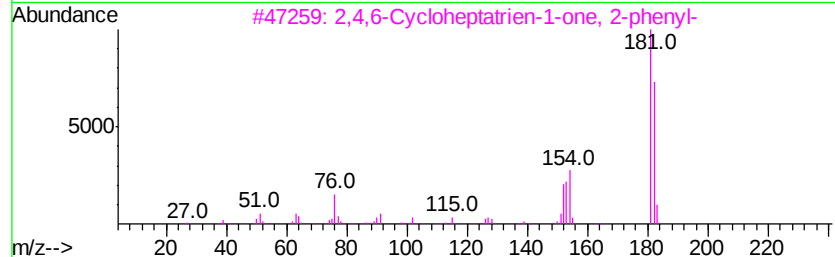
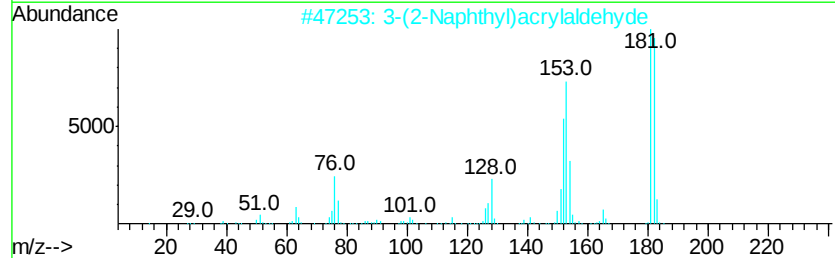
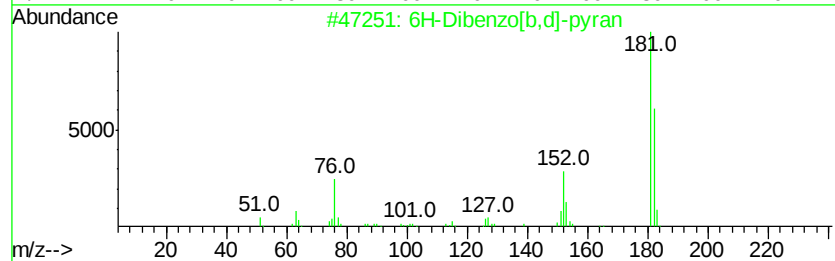
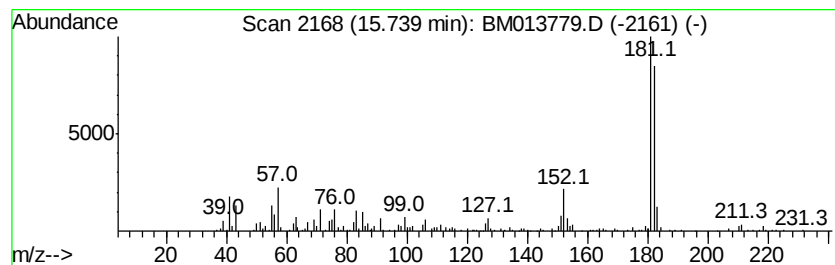
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 6H-Dibenzo[b,d]-pyran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	8.73 ng/ul	755207	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
2		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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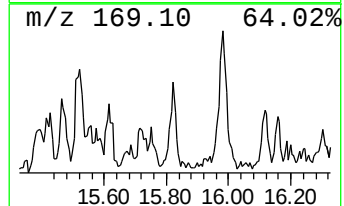
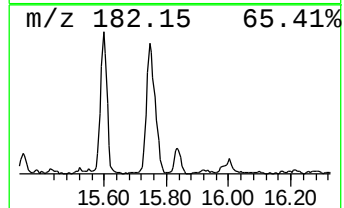
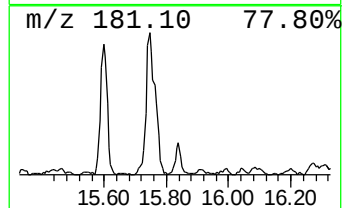
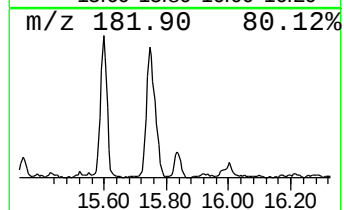
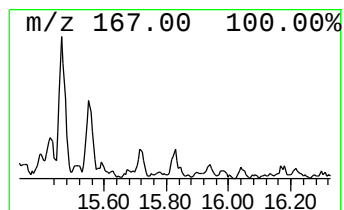
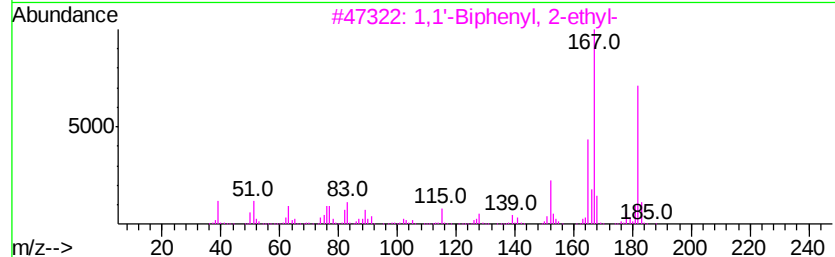
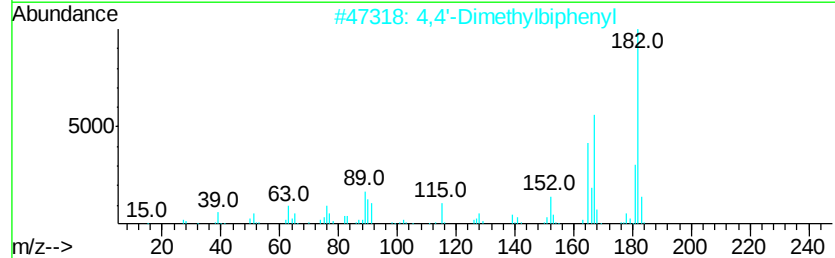
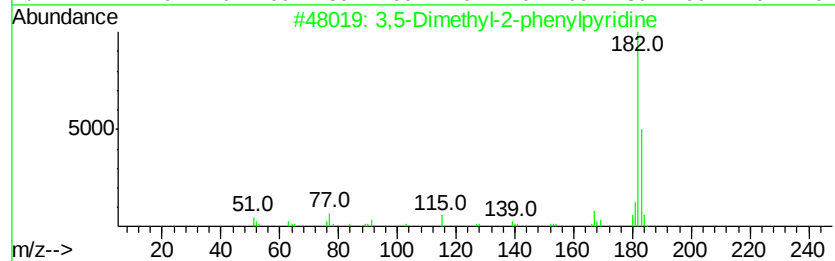
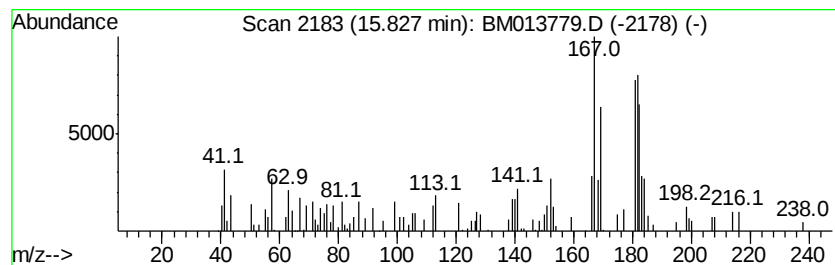
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 3,5-Dimethyl-2-phenylpyridine Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.03 ng/ul	175452	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyl-2-phenylpyridine	183	C13H13N	027063-86-1	64
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	53
3			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	46
4			1-(6-Hydroxyimidazo[2,1-b]thiazol-5-yl)-	182	C7H6N2O2S	067073-26-1	46
5			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	43



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
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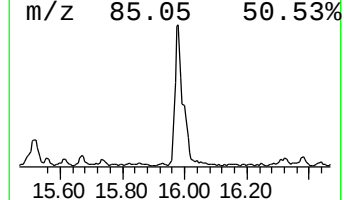
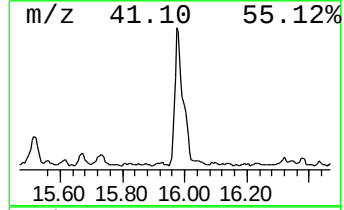
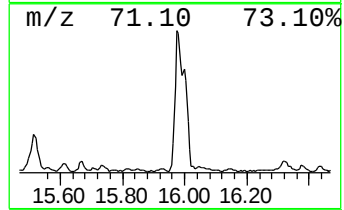
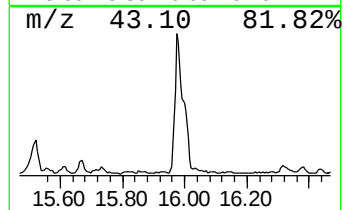
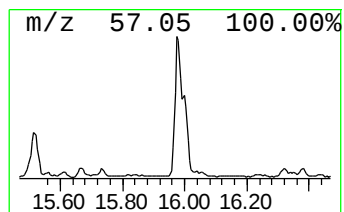
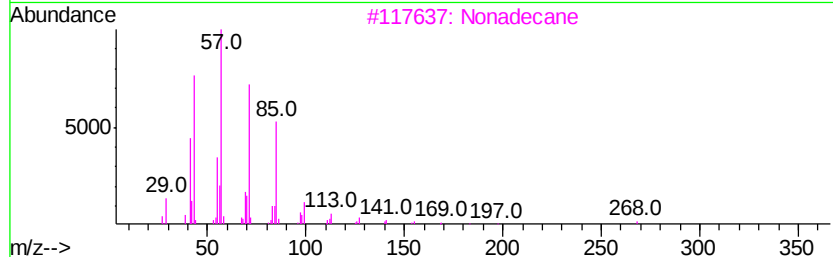
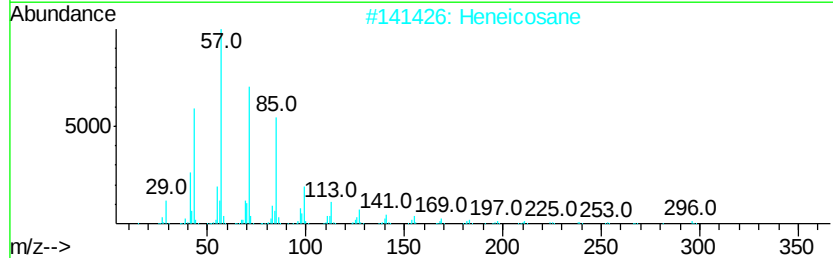
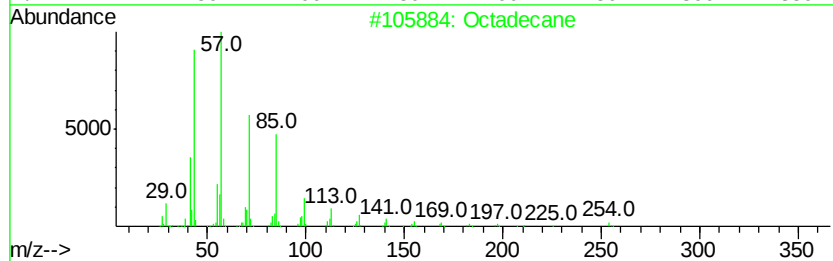
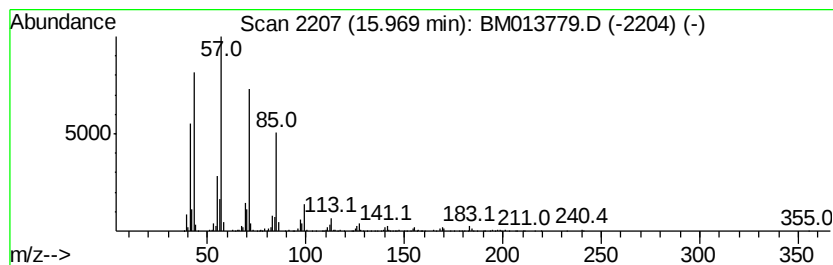
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	39.77 ng/ul	3439780	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

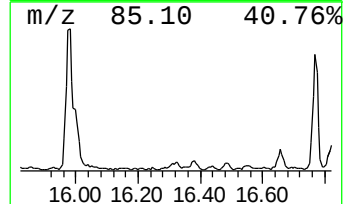
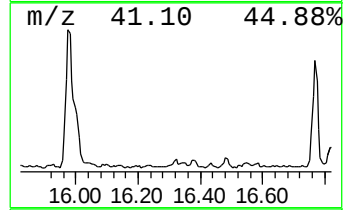
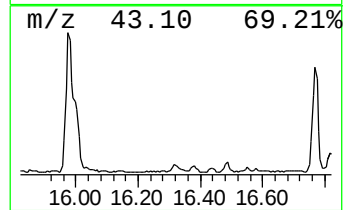
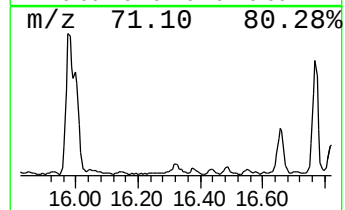
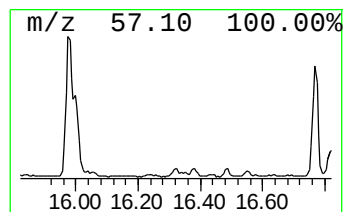
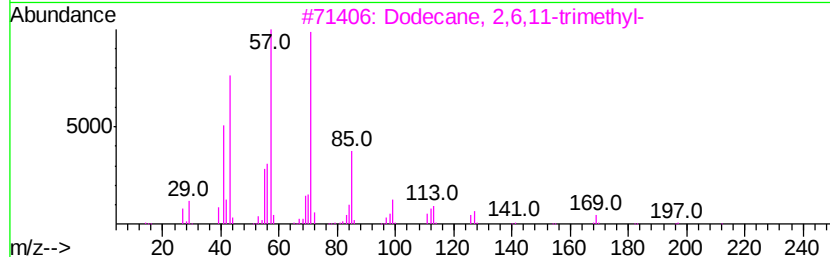
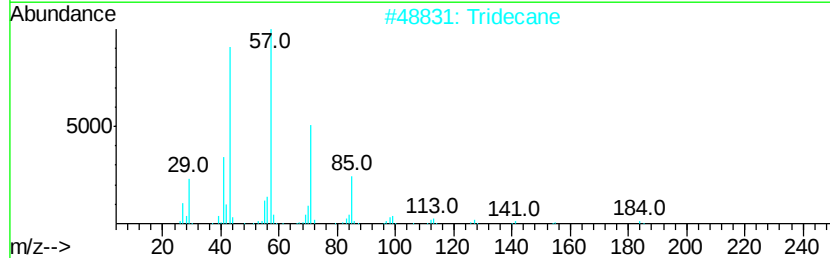
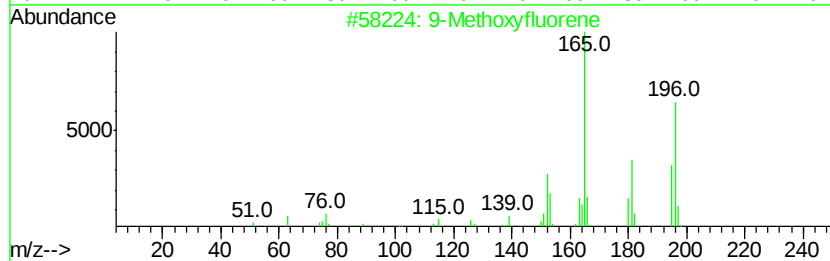
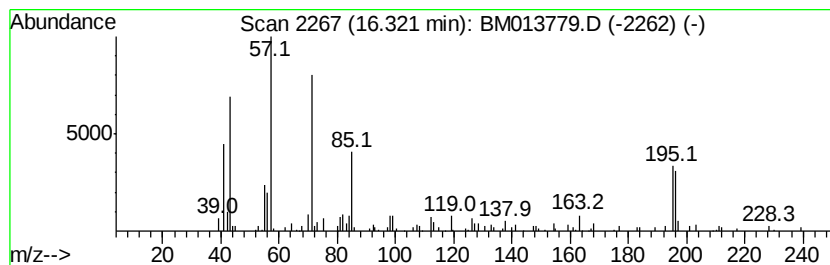
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.32	2.13 ng/ul	183847	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methoxyfluorene	196	C14H12O	019126-15-9	30
2	Tridecane	184	C13H28	000629-50-5	30
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	25
4	Tridecane	184	C13H28	000629-50-5	25
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	22



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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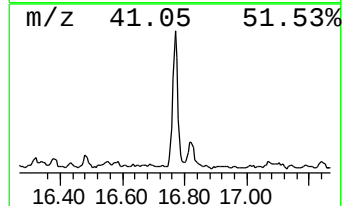
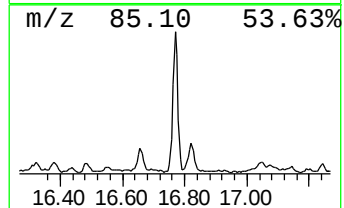
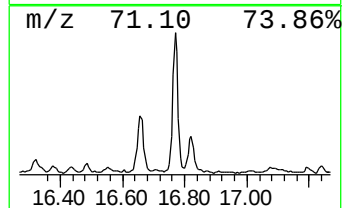
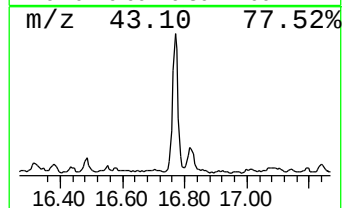
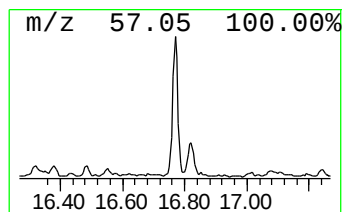
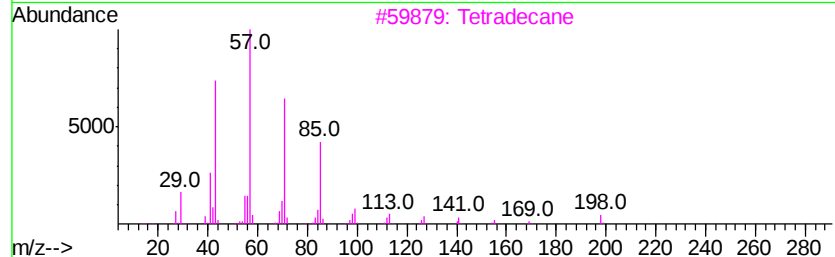
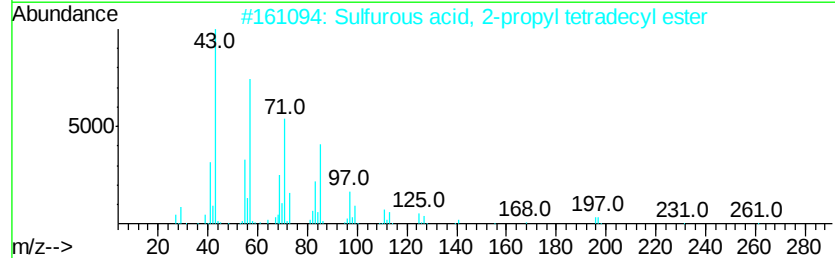
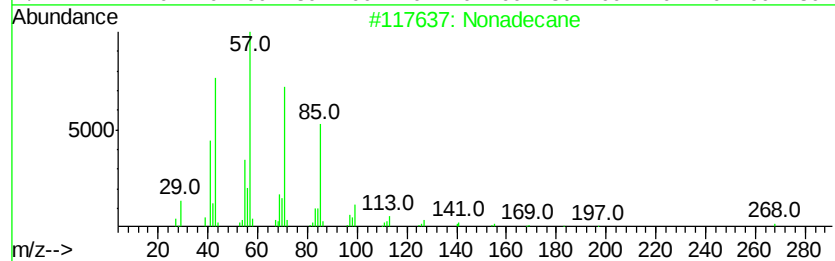
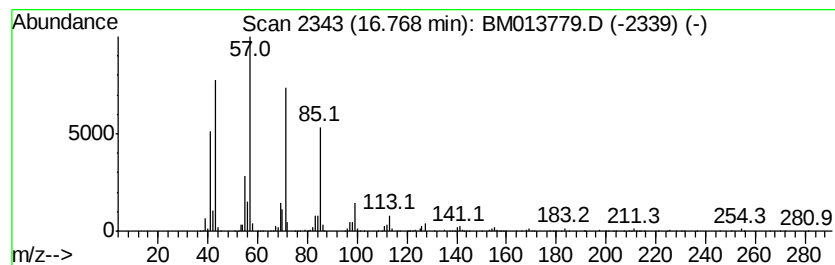
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	19.77 ng/ul	1710100	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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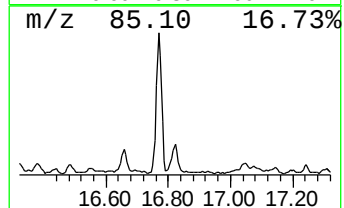
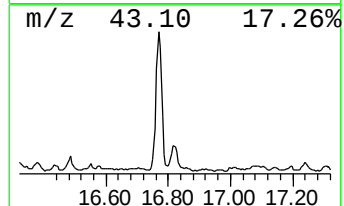
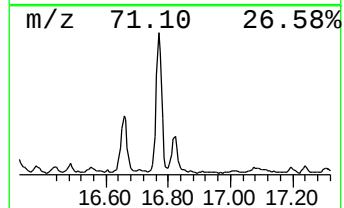
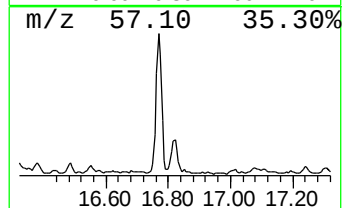
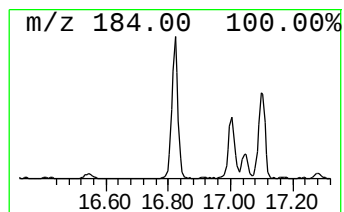
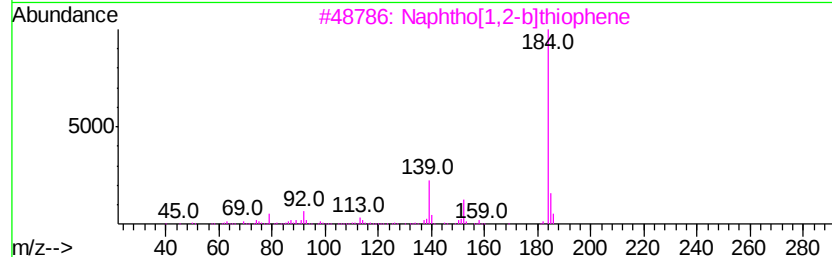
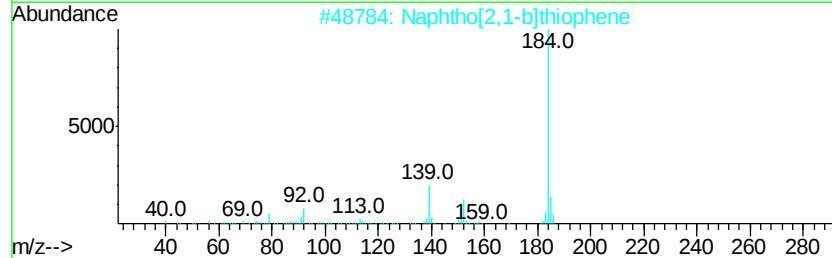
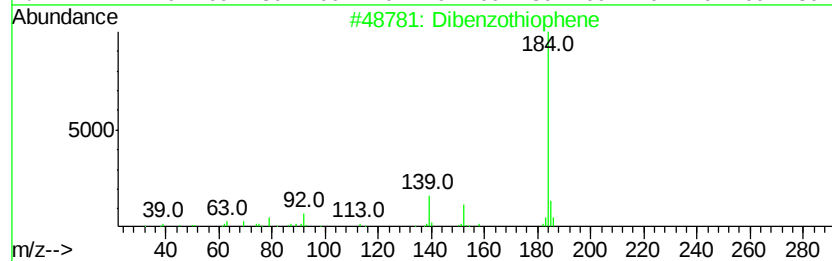
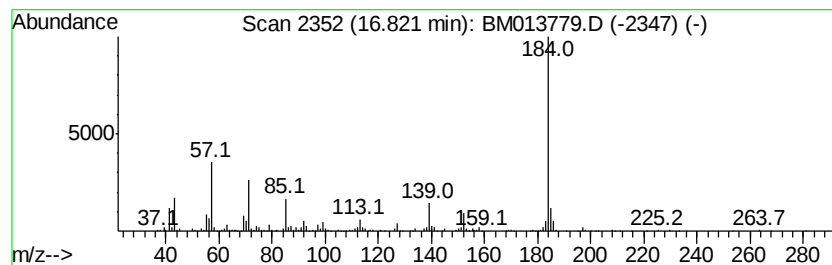
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	11.75 ng/ul	1016660	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	89
5		Dibenzothiophene	184	C12H8S	000132-65-0	89



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
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Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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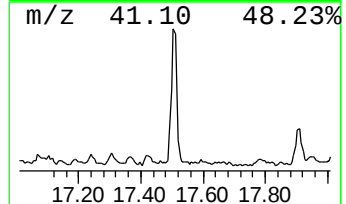
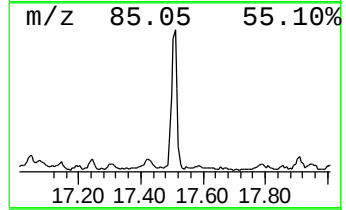
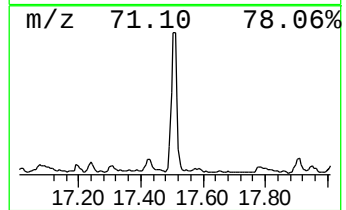
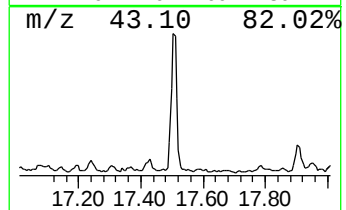
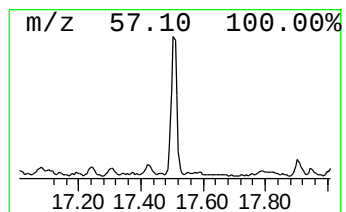
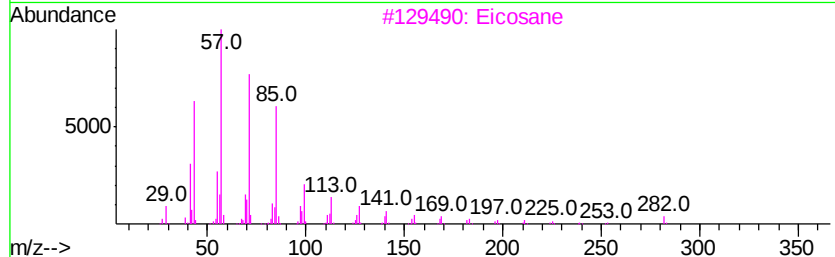
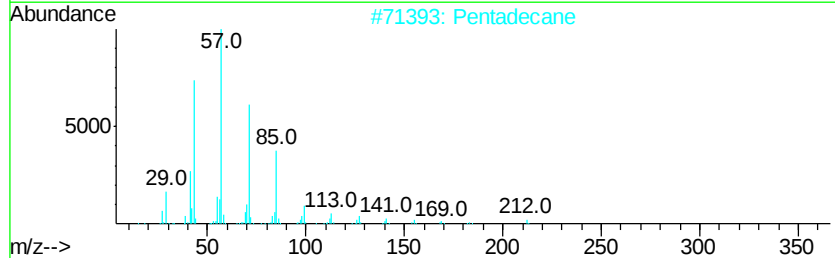
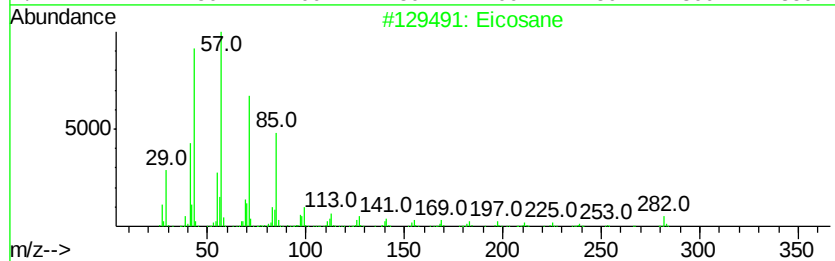
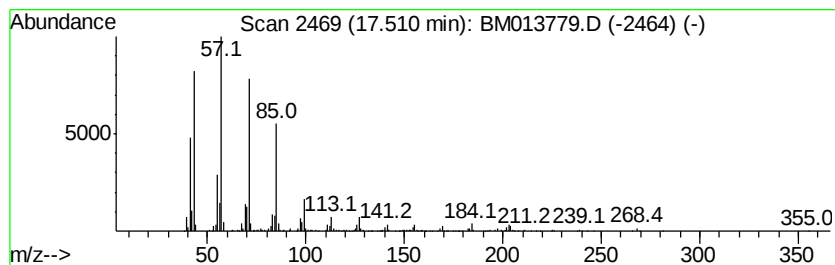
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	16.56 ng/ul	1432740	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Pentadecane			212	C15H32	000629-62-9	91
3	Eicosane			282	C20H42	000112-95-8	91
4	Nonadecane			268	C19H40	000629-92-5	90
5	Tridecane, 6-propyl-			226	C16H34	055045-10-8	90



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77

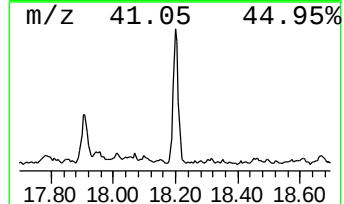
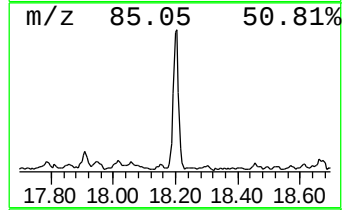
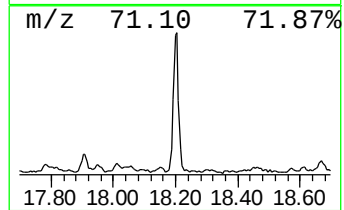
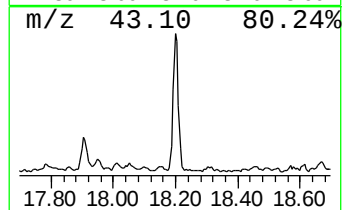
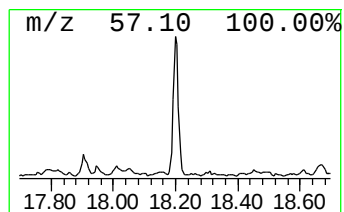
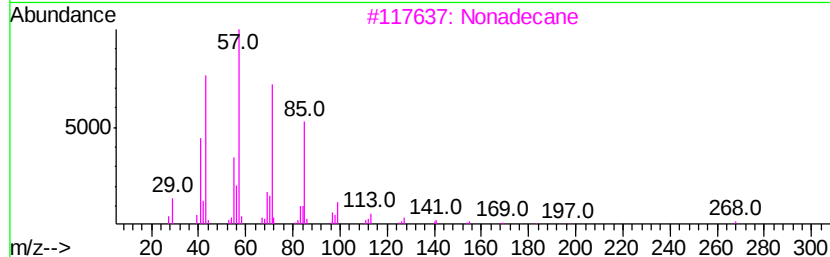
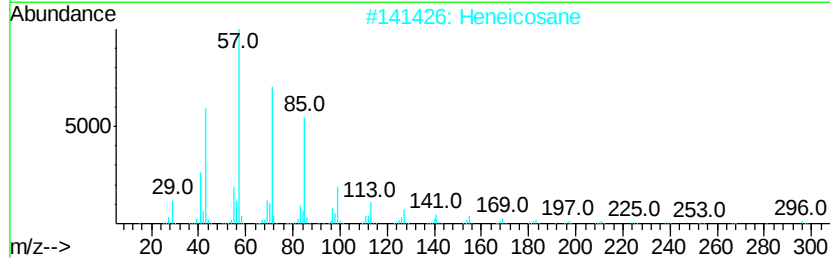
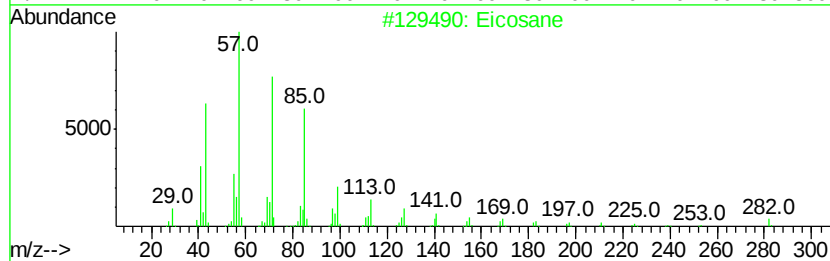
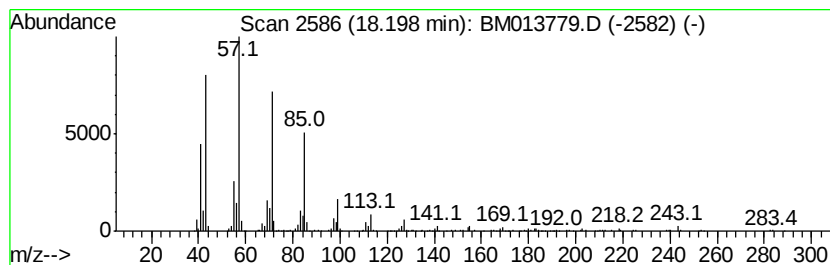
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	11.59 ng/ul	1002590	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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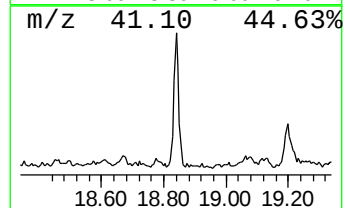
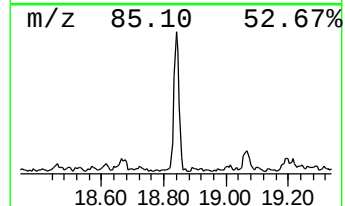
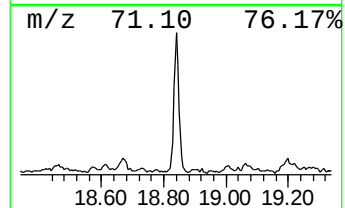
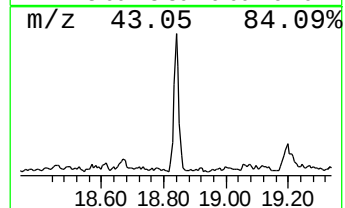
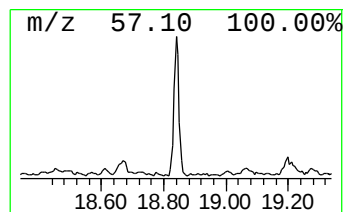
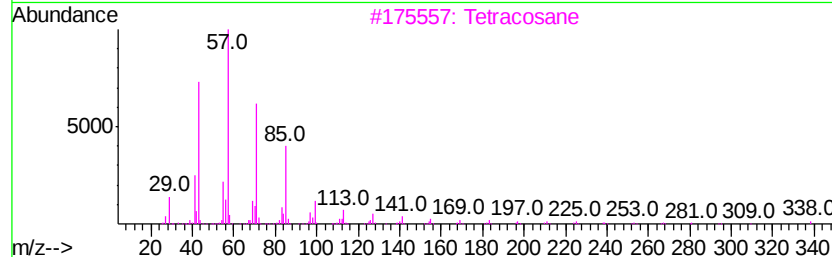
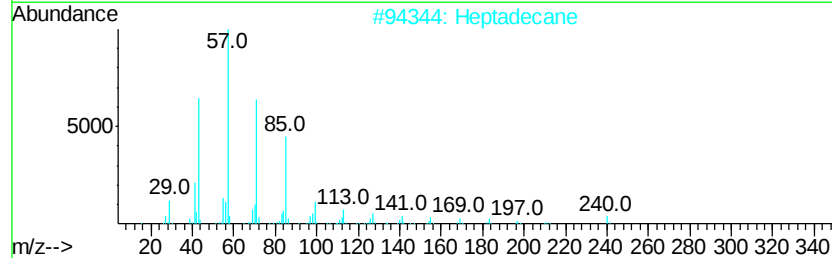
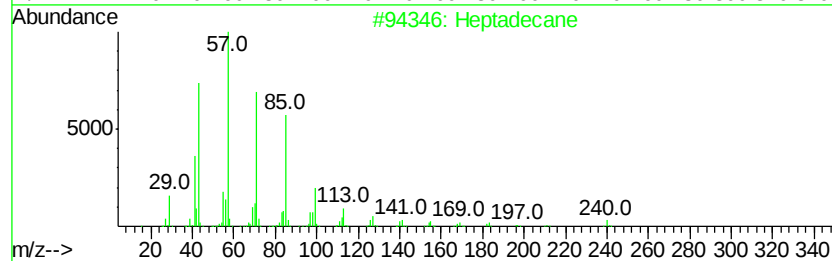
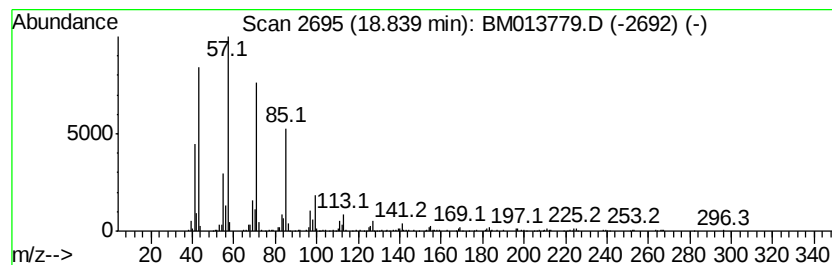
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Quant Title : SVOA CALIBRATION

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	9.02 ng/ul	780142	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Heptadecane	240	C17H36	000629-78-7	94
3			Tetracosane	338	C24H50	000646-31-1	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77

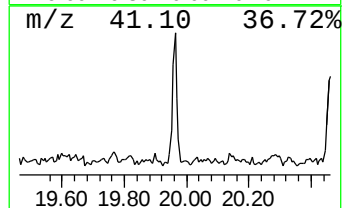
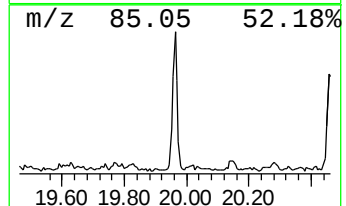
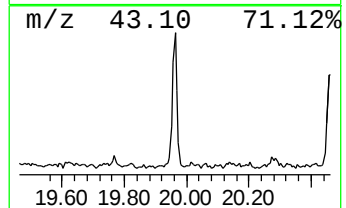
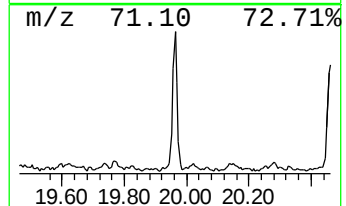
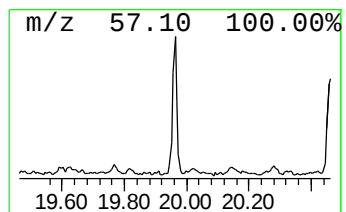
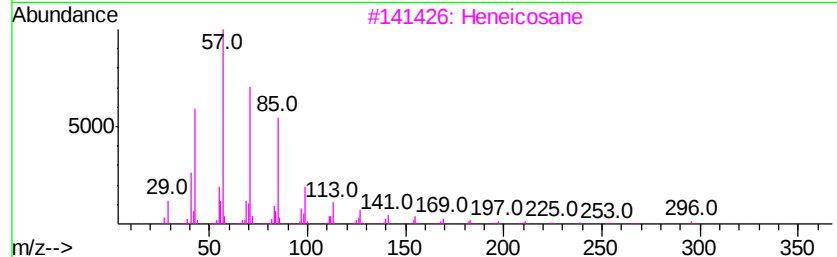
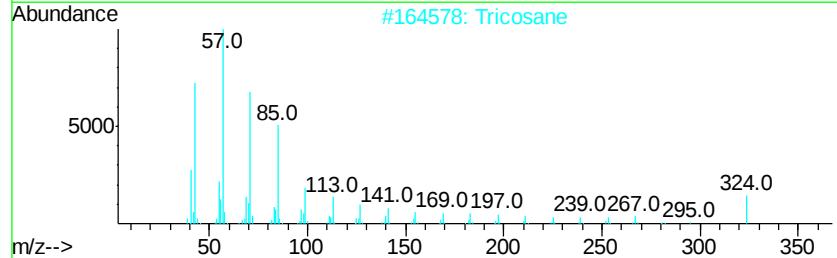
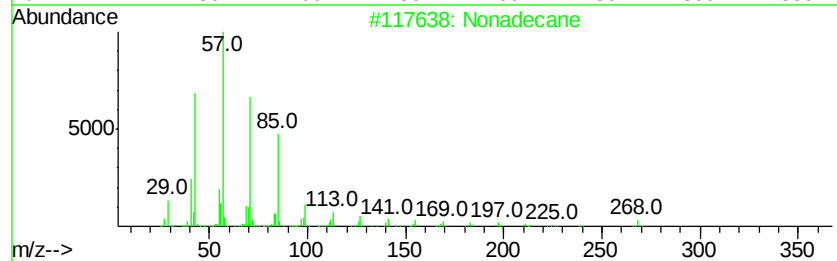
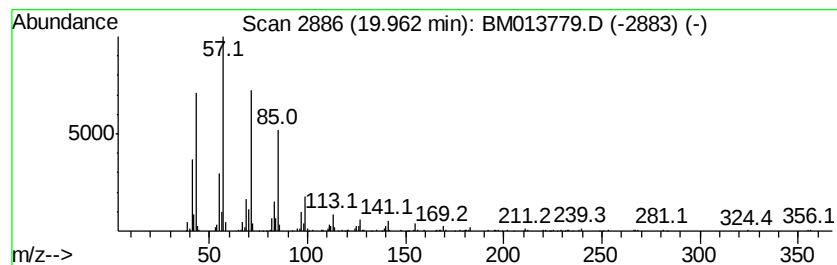
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.97 ng/ul	507447	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Tricosane	324	C23H48	000638-67-5	93
3			Heneicosane	296	C21H44	000629-94-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77

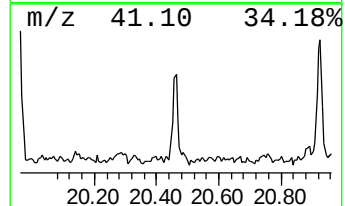
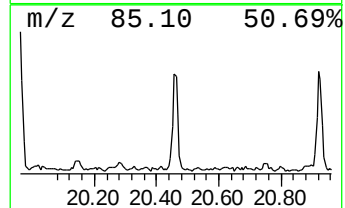
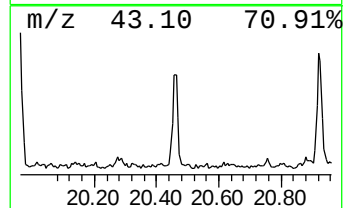
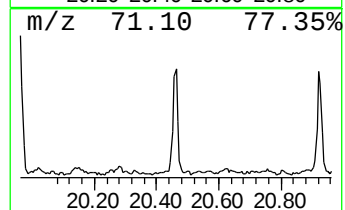
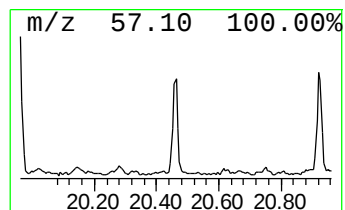
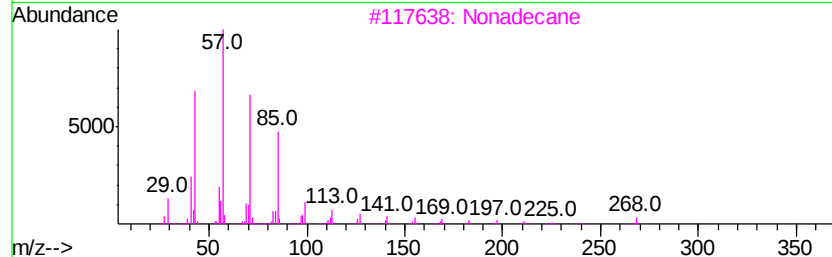
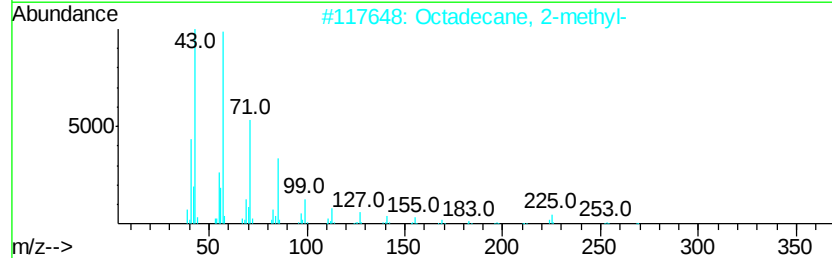
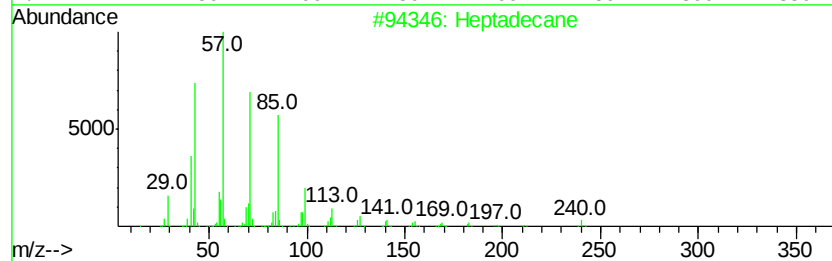
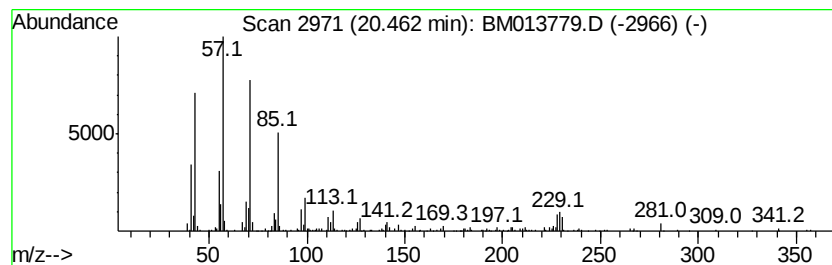
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	3.44 ng/ul	439472	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

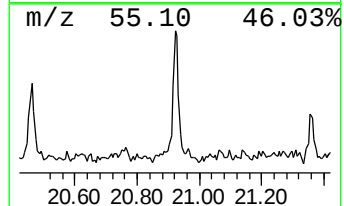
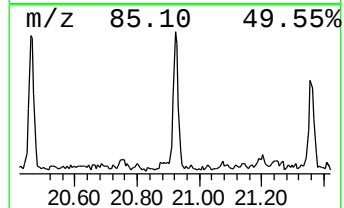
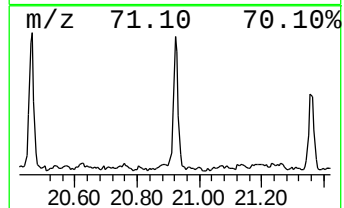
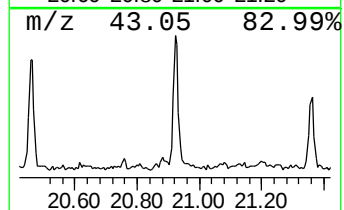
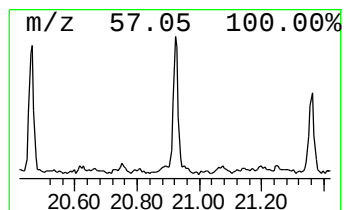
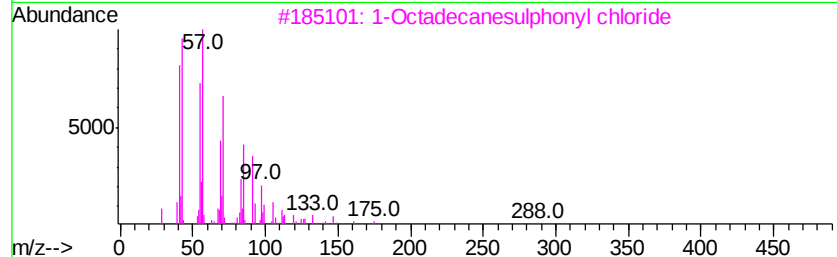
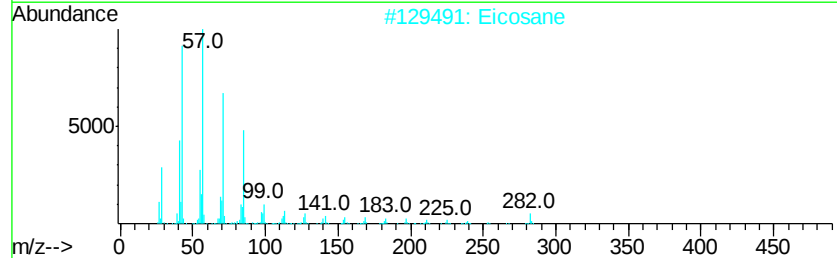
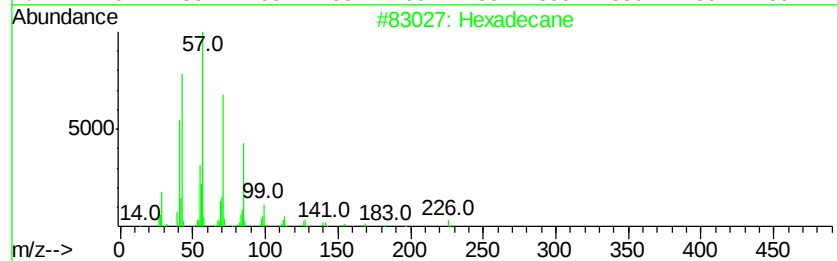
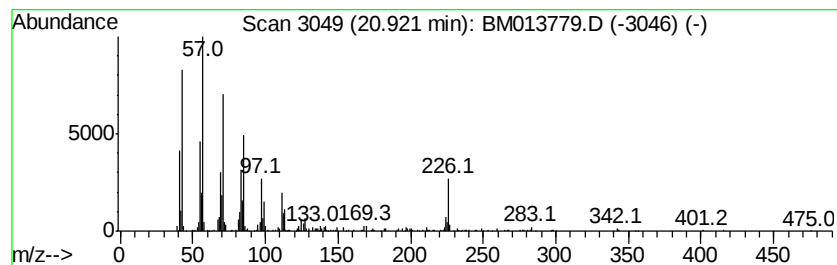
Instrument :
BNA_M
ClientSampleId :
F6A77

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.20 ng/ul	793046	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 89
2	Eicosane		282 C20H42	000112-95-8 83
3	1-Octadecanesulphonyl chloride		352 C18H37ClO2S	1000342-70-4 64
4	Sulfurous acid, 2-propyl tetradec...		320 C17H36O3S	1000309-12-5 64
5	Hexadecane		226 C16H34	000544-76-3 62



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77

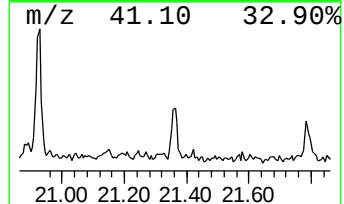
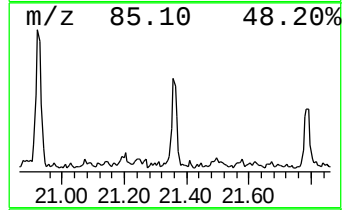
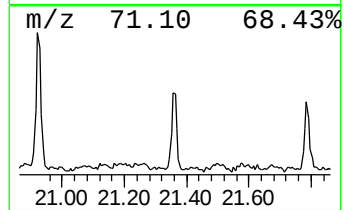
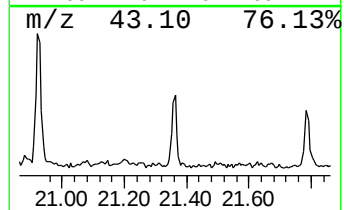
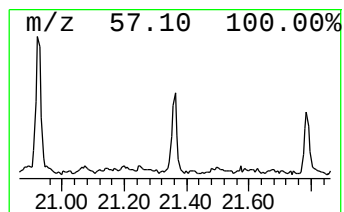
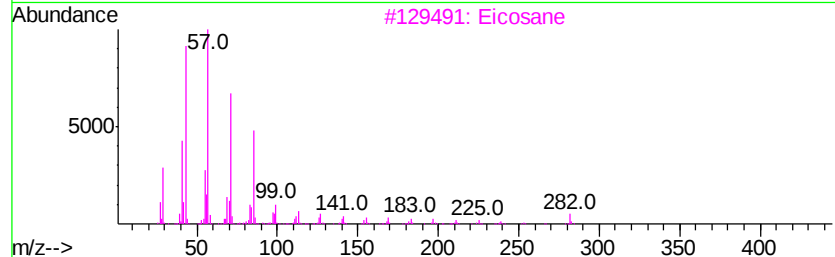
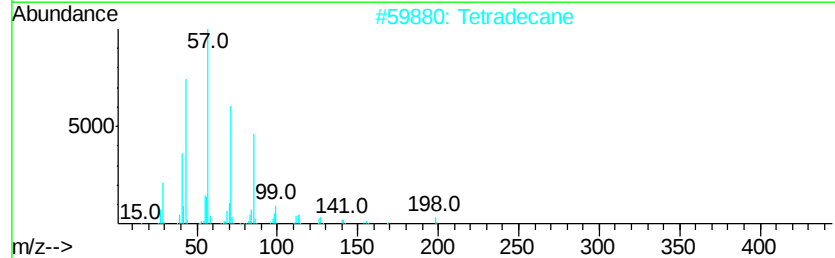
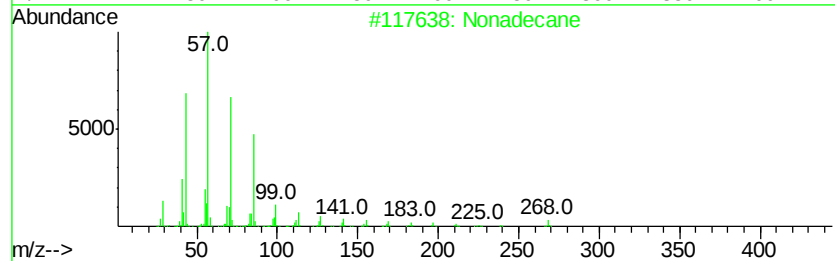
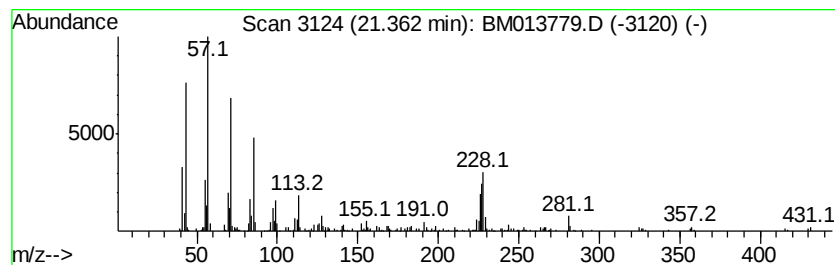
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.80 ng/ul	358026	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	50
2			Tetradecane	198	C14H30	000629-59-4	50
3			Eicosane	282	C20H42	000112-95-8	50
4			2-methyloctacosane	408	C29H60	1000376-72-8	49
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	49



Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013779.D
Acq On : 24 Jan 2018 21:49
Operator : SJ/JU
Sample : J1223-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77

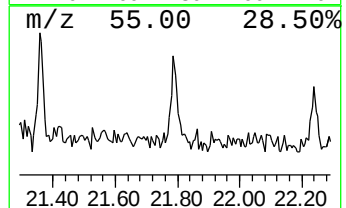
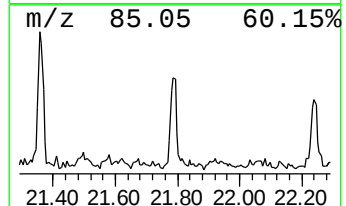
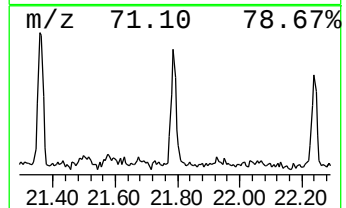
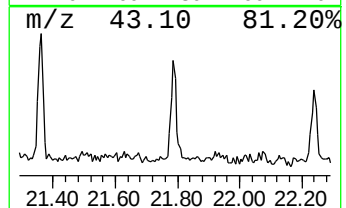
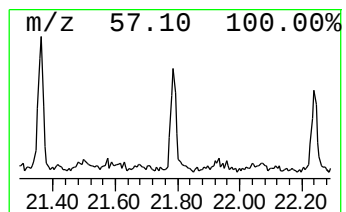
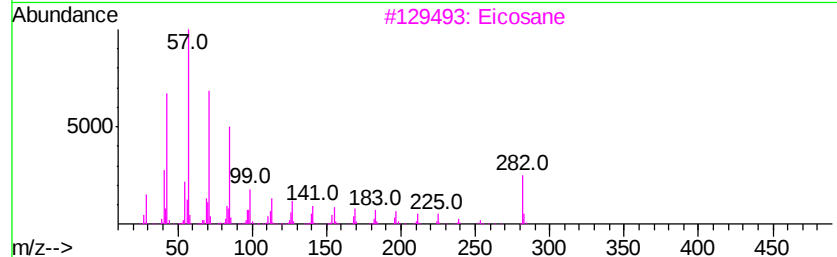
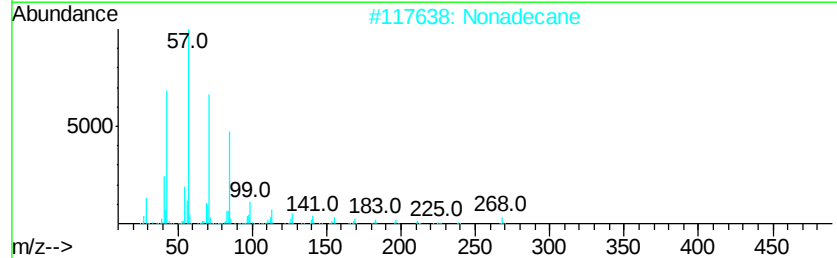
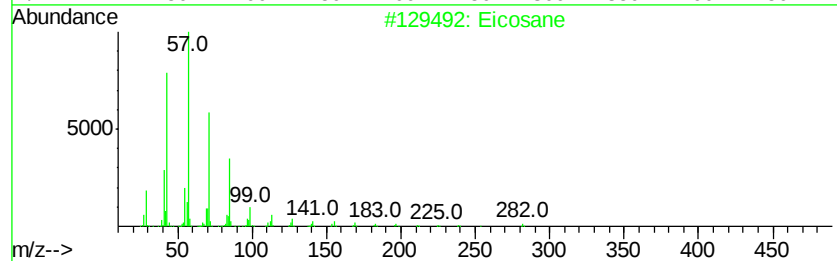
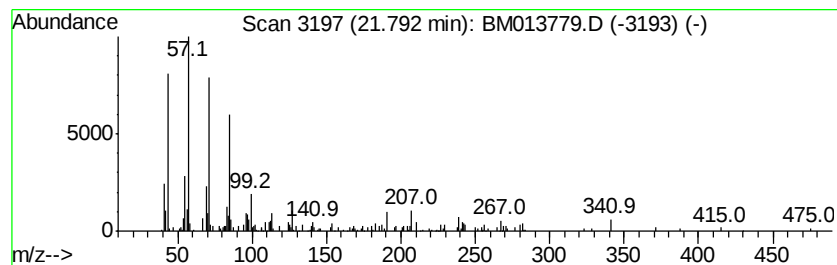
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.12 ng/ul	271563	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	87
2	Nonadecane			268	C19H40	000629-92-5	87
3	Eicosane			282	C20H42	000112-95-8	87
4	Hexatriacontane			507	C36H74	000630-06-8	83
5	Tetratetracontane			619	C44H90	007098-22-8	83



Data Path : U:\HPCHEM1\BNA_M\DATA\BM012418\
 Data File : BM013779.D
 Acq On : 24 Jan 2018 21:49
 Operator : SJ/JU
 Sample : J1223-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.81	6.0	ng/ul	247979	1	7.59	823575	20.0
unknown-01	9.89	3.6	ng/ul	154387	2	10.37	845144	20.0
Parachlorophenol	10.28	40.1	ng/ul	1695560	2	10.37	845144	20.0
2,4-Dipropyl-5-et...	10.75	3.6	ng/ul	152476	2	10.37	845144	20.0
Quinoline	11.21	27.4	ng/ul	1158150	2	10.37	845144	20.0
(DEL) Alkane: Str...	11.29	5.6	ng/ul	238231	2	10.37	845144	20.0
(DEL) Alkane: Str...	11.39	13.6	ng/ul	573649	2	10.37	845144	20.0
(DEL) Alkane: Str...	11.80	39.8	ng/ul	1683400	2	10.37	845144	20.0
Naphthalene, 1-me...	12.26	27.2	ng/ul	1148210	2	10.37	845144	20.0
(DEL) Alkane: Cyc...	12.50	2.1	ng/ul	200896	3	14.25	1954340	20.0
(DEL) Alkane: Str...	12.63	3.5	ng/ul	342681	3	14.25	1954340	20.0
(DEL) Alkane: Str...	12.72	2.2	ng/ul	213091	3	14.25	1954340	20.0
(DEL) Alkane: Str...	12.77	5.0	ng/ul	493438	3	14.25	1954340	20.0
Naphthalene, 2-et...	13.27	5.7	ng/ul	555032	3	14.25	1954340	20.0
Naphthalene, 2,6-...	13.42	6.8	ng/ul	659405	3	14.25	1954340	20.0
Naphthalene, 1,3-...	13.56	5.5	ng/ul	538296	3	14.25	1954340	20.0
Naphthalene, 2,7-...	13.62	2.2	ng/ul	217269	3	14.25	1954340	20.0
1-Iodo-2-methylun...	13.77	2.6	ng/ul	252139	3	14.25	1954340	20.0
2-Pentanone, 4-cy...	14.07	2.2	ng/ul	219252	3	14.25	1954340	20.0
(DEL) Alkane: Str...	14.16	24.2	ng/ul	2362790	3	14.25	1954340	20.0
Methoxyacetic aci...	14.77	6.4	ng/ul	626132	3	14.25	1954340	20.0
Naphthalene, 1,4,...	15.03	2.0	ng/ul	198770	3	14.25	1954340	20.0
(DEL) Alkane: Str...	15.11	22.3	ng/ul	2182020	3	14.25	1954340	20.0
1,1'-Biphenyl, 2-...	15.46	2.2	ng/ul	211395	3	14.25	1954340	20.0
(DEL) Alkane: Str...	15.52	7.6	ng/ul	738933	3	14.25	1954340	20.0
Dibenzofuran, 4-m...	15.60	5.1	ng/ul	499018	3	14.25	1954340	20.0
(DEL) Alkane: Str...	15.67	3.0	ng/ul	259610	4	17.00	1729970	20.0
6H-Dibenzo[b,d]-p...	15.74	8.7	ng/ul	755207	4	17.00	1729970	20.0
3,5-Dimethyl-2-ph...	15.83	2.0	ng/ul	175452	4	17.00	1729970	20.0
(DEL) Alkane: Str...	15.97	39.8	ng/ul	3439780	4	17.00	1729970	20.0
unknown-02	16.32	2.1	ng/ul	183847	4	17.00	1729970	20.0
(DEL) Alkane: Str...	16.77	19.8	ng/ul	1710100	4	17.00	1729970	20.0
Dibenzothiophene	16.82	11.8	ng/ul	1016660	4	17.00	1729970	20.0
(DEL) Alkane: Str...	17.51	16.6	ng/ul	1432740	4	17.00	1729970	20.0
(DEL) Alkane: Str...	18.20	11.6	ng/ul	1002590	4	17.00	1729970	20.0
(DEL) Alkane: Str...	18.84	9.0	ng/ul	780142	4	17.00	1729970	20.0
(DEL) Alkane: Str...	19.96	4.0	ng/ul	507447	5	21.20	2557410	20.0
(DEL) Alkane: Str...	20.46	3.4	ng/ul	439472	5	21.20	2557410	20.0
(DEL) Alkane: Str...	20.92	6.2	ng/ul	793046	5	21.20	2557410	20.0
(DEL) Alkane: Str...	21.36	2.8	ng/ul	358026	5	21.20	2557410	20.0
(DEL) Alkane: Str...	21.79	2.1	ng/ul	271563	5	21.20	2557410	20.0