

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
 Data File : BM013796.D
 Acq On : 25 Jan 2018 07:56
 Operator : SJ/JU
 Sample : J1222-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A81

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	4.764	292	302	309	rBV	2419826	3326664	2.92%	0.420%
2	5.628	443	449	456	rVB	952632	1320531	1.16%	0.167%
3	5.987	498	510	517	rVB	3240897	7268134	6.38%	0.918%
4	7.216	713	719	730	rVB2	2169673	3958974	3.48%	0.500%
5	7.834	817	824	828	rBV2	958623	1572954	1.38%	0.199%
6	8.075	860	865	869	rBV	809098	1258276	1.11%	0.159%
7	8.228	885	891	897	rBV2	946903	2057337	1.81%	0.260%
8	8.810	985	990	998	rVB	4454408	6464490	5.68%	0.817%
9	9.463	1092	1101	1104	rBV5	762116	1767685	1.55%	0.223%
10	9.798	1149	1158	1169	rBV4	1026553	2370694	2.08%	0.299%
11	10.004	1188	1193	1199	rVB	835470	1325808	1.16%	0.167%
12	10.263	1228	1237	1244	rBV4	974645	1873225	1.65%	0.237%
13	10.351	1244	1252	1259	rVV2	8028278	14161755	12.44%	1.789%
14	10.422	1259	1264	1271	rVV	5886940	9872787	8.67%	1.247%
15	10.487	1271	1275	1278	rVV4	794220	1218028	1.07%	0.154%
16	10.534	1278	1283	1289	rVB2	2115314	3333051	2.93%	0.421%
17	10.669	1300	1306	1312	rVB6	759046	1447402	1.27%	0.183%
18	11.063	1363	1373	1377	rBV4	770521	1866587	1.64%	0.236%
19	11.204	1391	1397	1404	rVV2	1389227	2453949	2.16%	0.310%
20	11.287	1404	1411	1417	rVB3	1615523	2817771	2.48%	0.356%
21	11.398	1424	1430	1434	rBV	3489446	5762434	5.06%	0.728%
22	11.475	1439	1443	1449	rVB2	1263246	2189389	1.92%	0.277%
23	11.810	1489	1500	1505	rBV	11830185	17876000	15.70%	2.258%
24	12.045	1534	1540	1547	rVB	7351322	12764369	11.21%	1.612%
25	12.269	1569	1578	1586	rVB	4541638	7990958	7.02%	1.009%
26	12.451	1602	1609	1613	rBV2	940903	1942326	1.71%	0.245%
27	12.504	1613	1618	1624	rVV2	1072604	2800620	2.46%	0.354%
28	12.563	1624	1628	1635	rVV5	870863	1775169	1.56%	0.224%
29	12.634	1635	1640	1650	rVB	2083474	3684482	3.24%	0.465%
30	12.722	1650	1655	1660	rBV3	1460744	2546752	2.24%	0.322%
31	12.775	1660	1664	1669	rVV	3900737	5585385	4.91%	0.705%
32	13.081	1710	1716	1722	rVB2	18267690	25817447	22.68%	3.261%
33	13.275	1745	1749	1751	rBV	1339582	1832500	1.61%	0.231%
34	13.410	1765	1772	1773	rBV	3380836	5105598	4.48%	0.645%

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35	13.569	1793	1799	1804	rBV	4662143	9196411	8.08%	1.162%
36	13.622	1804	1808	1811	rVV	3026418	4672785	4.10%	0.590%
37	13.657	1811	1814	1819	rVB4	2588341	4264691	3.75%	0.539%
38	13.739	1819	1828	1832	rBV2	5915932	9945414	8.74%	1.256%
39	13.781	1832	1835	1837	rBV	2316566	2871951	2.52%	0.363%
40	13.857	1843	1848	1851	rBV2	1137334	1646520	1.45%	0.208%
41	13.945	1858	1863	1865	rBV	1400492	2097443	1.84%	0.265%
42	13.975	1865	1868	1874	rVB2	1223772	1704334	1.50%	0.215%
43	14.169	1894	1901	1905	rBV	23577210	28947231	25.43%	3.656%
44	14.239	1905	1913	1921	rVV	17355833	26845977	23.58%	3.391%
45	14.316	1921	1926	1935	rVV2	6586825	11788073	10.35%	1.489%
46	14.398	1935	1940	1946	rVV3	2499184	4152698	3.65%	0.525%
47	14.469	1947	1952	1961	rVB2	2332103	6278768	5.52%	0.793%
48	14.545	1961	1965	1970	rBV5	895161	1887852	1.66%	0.238%
49	14.604	1971	1975	1977	rVV	1893693	2823529	2.48%	0.357%
50	14.657	1980	1984	1990	rVV2	7472902	10994324	9.66%	1.389%
51	14.733	1991	1997	2001	rVB2	2183581	3776546	3.32%	0.477%
52	14.781	2001	2005	2014	rBV5	3967068	7522163	6.61%	0.950%
53	14.851	2014	2017	2019	rVV	1050294	1274048	1.12%	0.161%
54	14.886	2019	2023	2028	rVV2	5572205	8425016	7.40%	1.064%
55	14.928	2028	2030	2034	rVB	1177424	1234840	1.08%	0.156%
56	15.022	2041	2046	2053	rBV7	1915492	4790414	4.21%	0.605%
57	15.128	2058	2064	2068	rVB	20325274	26245860	23.05%	3.315%
58	15.251	2081	2085	2089	rVB2	1740967	2531727	2.22%	0.320%
59	15.310	2089	2095	2099	rBV2	5875559	8705075	7.65%	1.100%
60	15.363	2099	2104	2107	rVB4	986517	1848379	1.62%	0.233%
61	15.522	2125	2131	2136	rVV	5628463	8989448	7.90%	1.135%
62	15.616	2141	2147	2153	rVB3	1996766	4694345	4.12%	0.593%
63	15.675	2153	2157	2161	rBV2	2056016	3341931	2.94%	0.422%
64	15.728	2161	2166	2177	rVB	17332218	25103097	22.05%	3.171%
65	15.816	2177	2181	2190	rBV7	1190637	2597861	2.28%	0.328%
66	15.992	2204	2211	2217	rBV	20508628	42181801	37.05%	5.328%
67	16.051	2217	2221	2225	rVB	8265453	10969981	9.64%	1.386%
68	16.322	2260	2267	2270	rBV5	1481296	2774950	2.44%	0.351%
69	16.586	2310	2312	2316	rVB2	1216312	1320295	1.16%	0.167%
70	16.692	2319	2330	2334	rBV	59292339	113841595	100.00%	14.379%
71	16.780	2340	2345	2349	rVV	17947701	21457446	18.85%	2.710%

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72	16.827	2349	2353	2363	rVB2	5701249	10009467	8.79%	1.264%
73	16.916	2364	2368	2372	rBV2	2438165	3116127	2.74%	0.394%
74	17.016	2380	2385	2388	rBV	2064517	3374205	2.96%	0.426%
75	17.063	2388	2393	2398	rVV	18185593	26659963	23.42%	3.367%
76	17.110	2398	2401	2404	rVV	2695886	3873268	3.40%	0.489%
77	17.145	2404	2407	2411	rVB	3326750	4122892	3.62%	0.521%
78	17.233	2418	2422	2428	rVB2	2857291	4653764	4.09%	0.588%
79	17.310	2432	2435	2441	rVB4	1036576	1396614	1.23%	0.176%
80	17.422	2449	2454	2457	rBV3	1450924	2794037	2.45%	0.353%
81	17.516	2465	2470	2475	rBV	14576046	17239561	15.14%	2.178%
82	17.586	2480	2482	2491	rVB2	1327589	2347121	2.06%	0.296%
83	17.792	2513	2517	2526	rBV5	964293	1943316	1.71%	0.245%
84	17.880	2529	2532	2535	rBV	1093851	1368804	1.20%	0.173%
85	17.927	2535	2540	2547	rVB2	2176996	4714055	4.14%	0.595%
86	18.074	2561	2565	2569	rBV2	1717090	2723757	2.39%	0.344%
87	18.210	2583	2588	2596	rVB	10924226	13266435	11.65%	1.676%
88	18.845	2692	2696	2703	rVB	9848731	11402212	10.02%	1.440%
89	19.074	2730	2735	2742	rVB	8499535	11406319	10.02%	1.441%
90	19.433	2787	2796	2806	rBV3	11281047	21676045	19.04%	2.738%
91	19.963	2883	2886	2890	rVB	6921594	7545267	6.63%	0.953%
92	20.462	2967	2971	2976	rBV	5743367	5935420	5.21%	0.750%
93	20.927	3046	3050	3054	rVB	4911543	5312738	4.67%	0.671%
94	21.198	3091	3096	3100	rBV2	2040521	3524390	3.10%	0.445%
95	21.362	3120	3124	3129	rVB	3793850	4195071	3.69%	0.530%
96	21.786	3193	3196	3203	rVB	2803907	3451232	3.03%	0.436%
97	22.239	3270	3273	3278	rVB	1914829	2289344	2.01%	0.289%
98	22.733	3354	3357	3362	rVB2	1499935	1959269	1.72%	0.247%
99	23.262	3442	3447	3458	rVB3	1683455	4584828	4.03%	0.579%
100	23.398	3467	3470	3475	rVB2	1072573	1662115	1.46%	0.210%

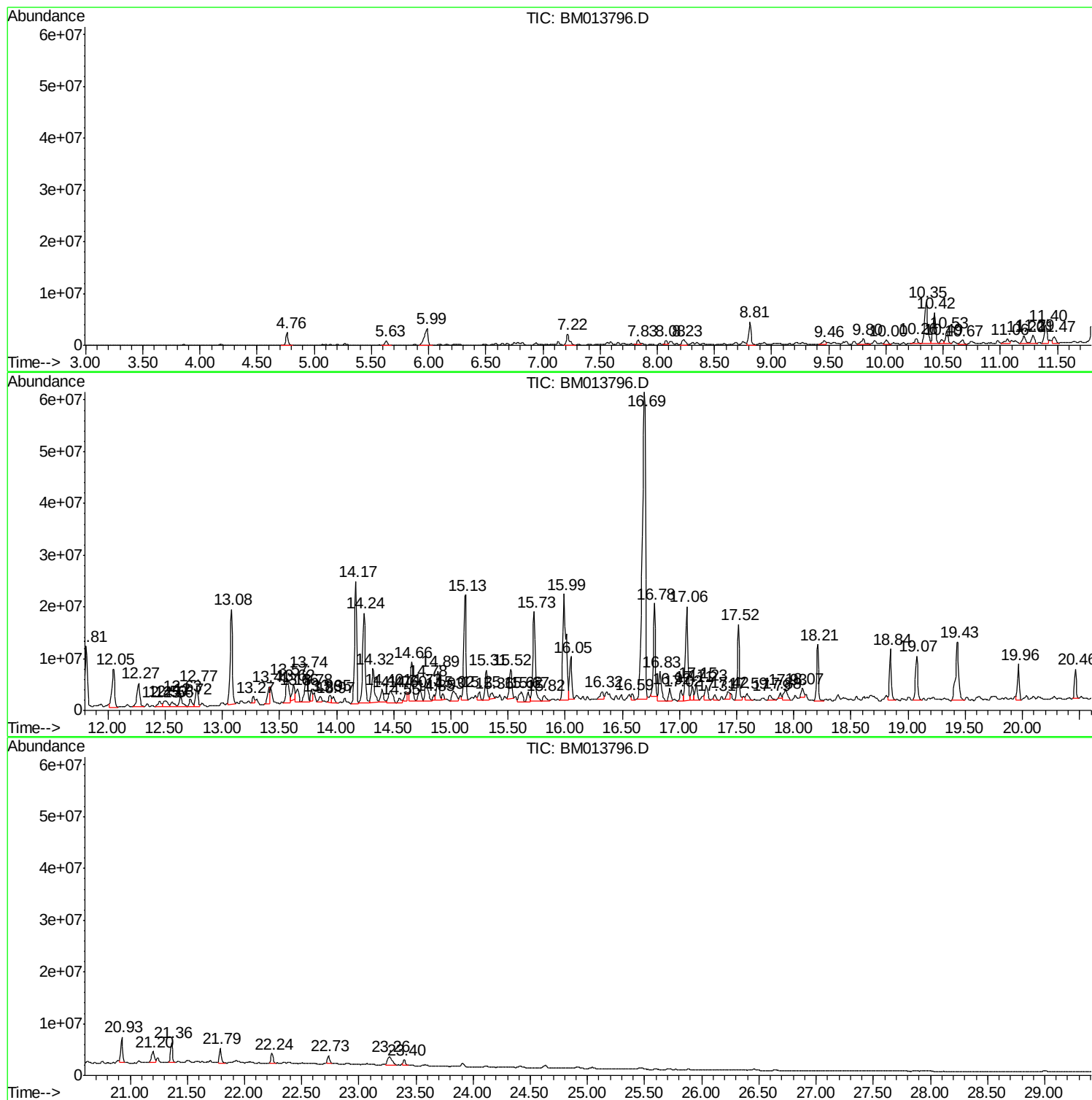
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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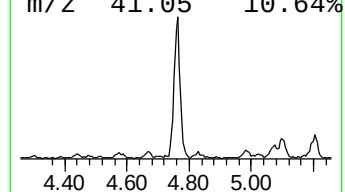
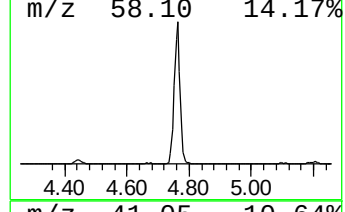
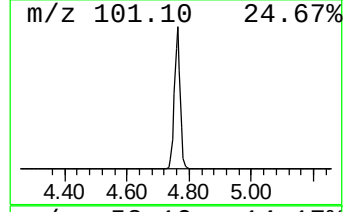
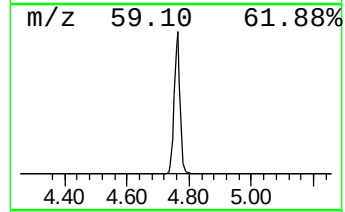
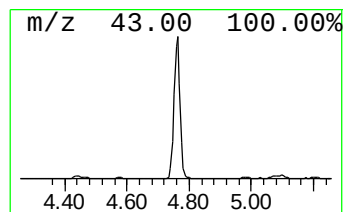
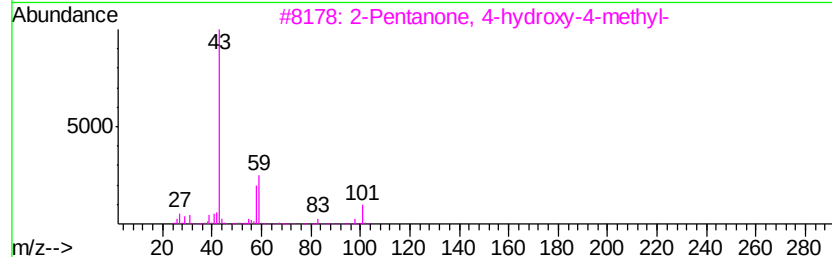
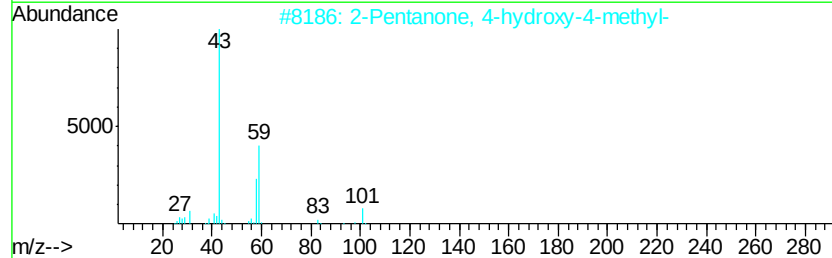
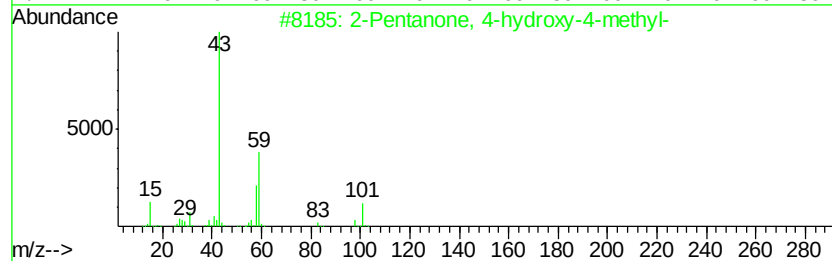
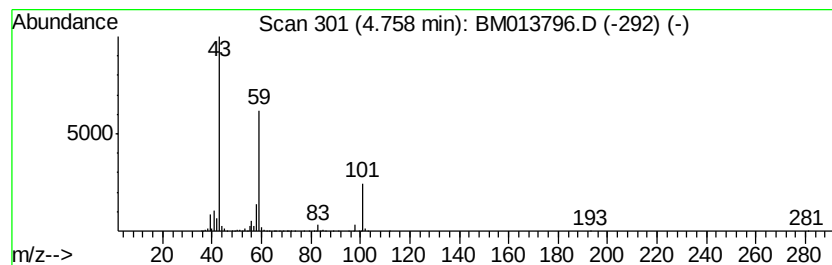
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	42.30 ng/ul	3326660	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17



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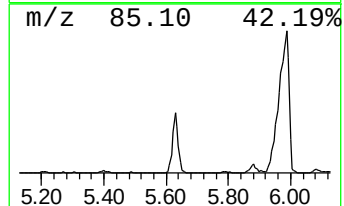
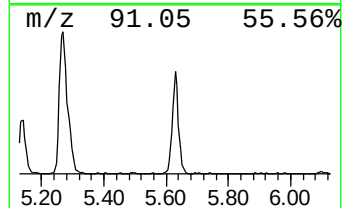
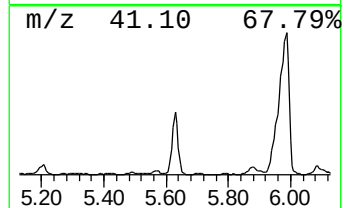
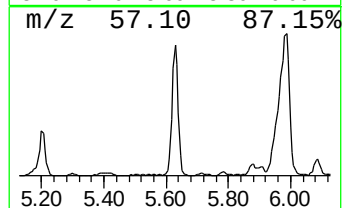
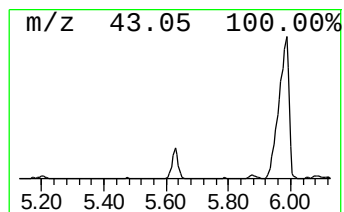
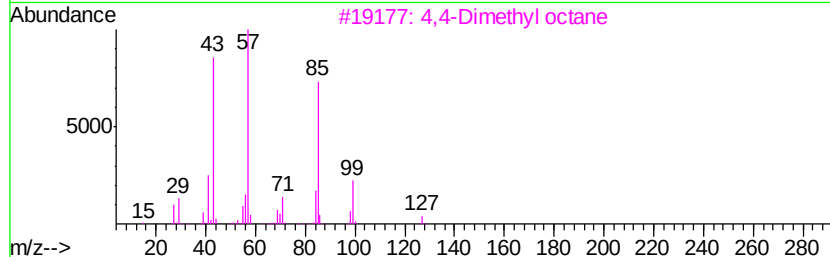
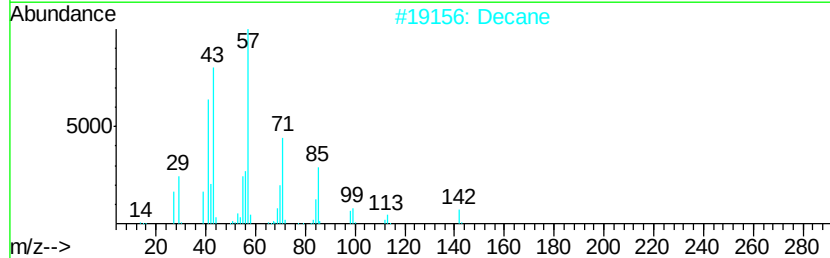
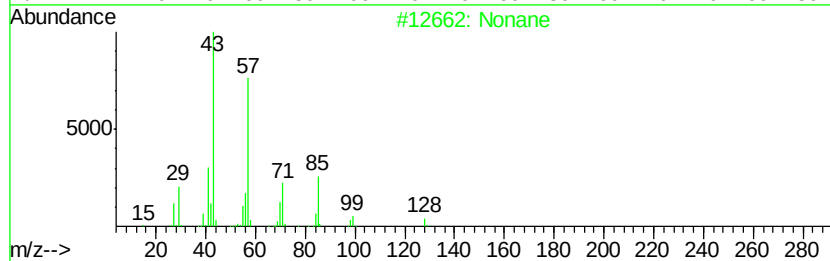
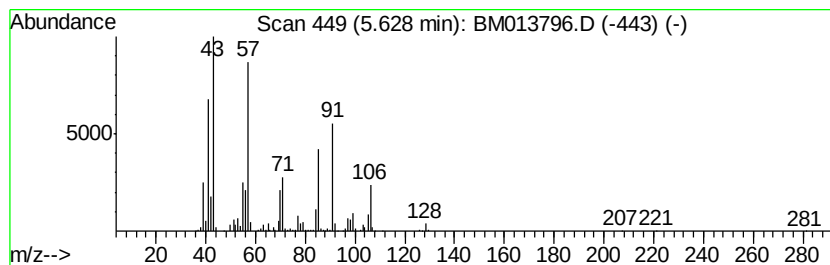
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	16.79 ng/ul	1320530	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	62
2		Decane	142	C10H22	000124-18-5	47
3		4,4-Dimethyl octane	142	C10H22	015869-95-1	47
4		Decane	142	C10H22	000124-18-5	47
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	43



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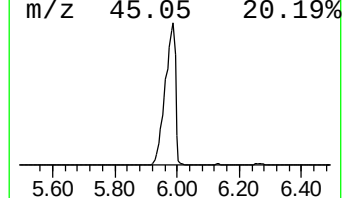
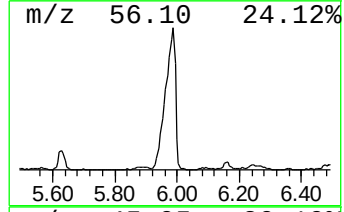
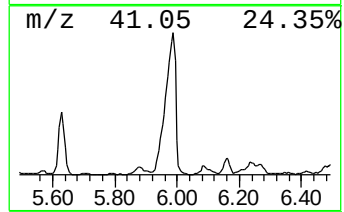
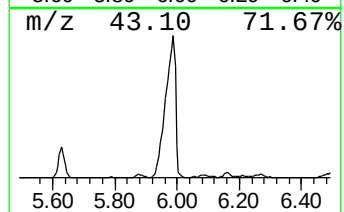
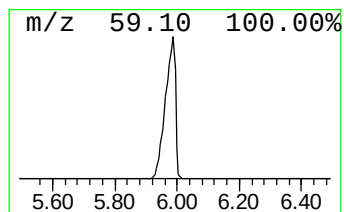
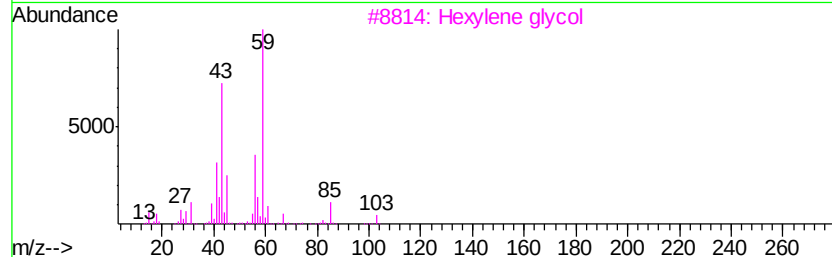
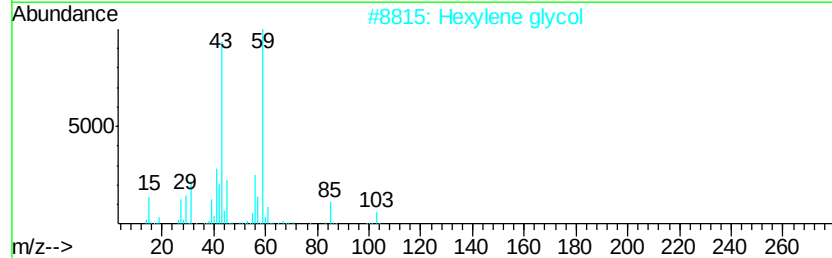
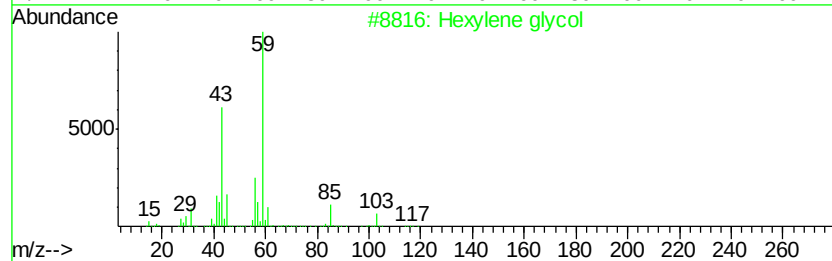
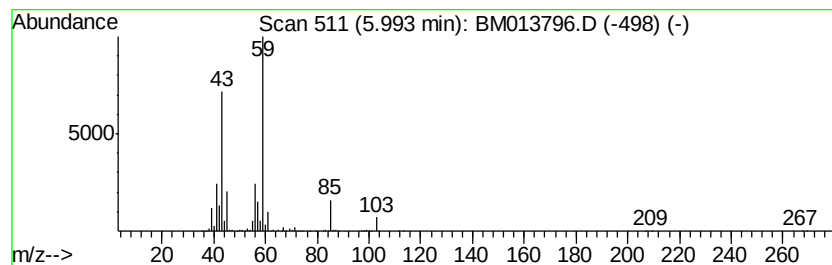
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Peak Number 3 Hexylene glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	92.41 ng/ul	7268130	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexylene glycol	118	C6H14O2	000107-41-5	90
2		Hexylene glycol	118	C6H14O2	000107-41-5	83
3		Hexylene glycol	118	C6H14O2	000107-41-5	74
4		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
5		Hexylene glycol	118	C6H14O2	000107-41-5	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A81

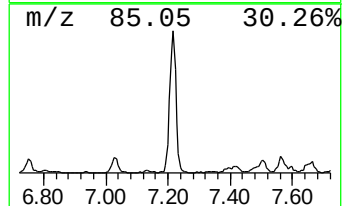
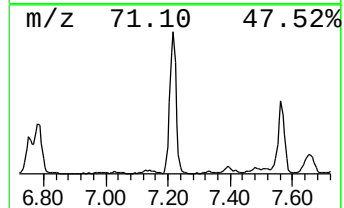
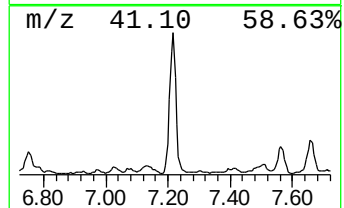
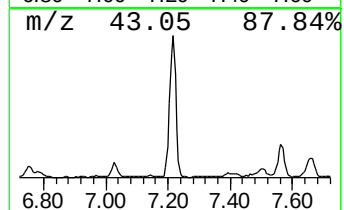
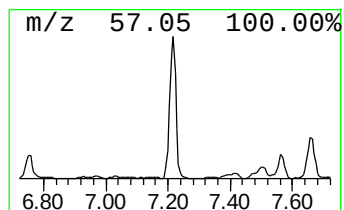
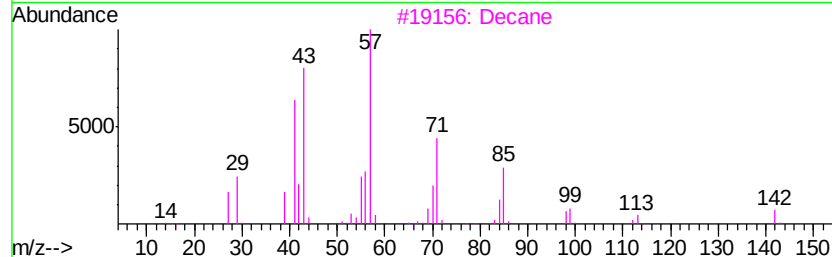
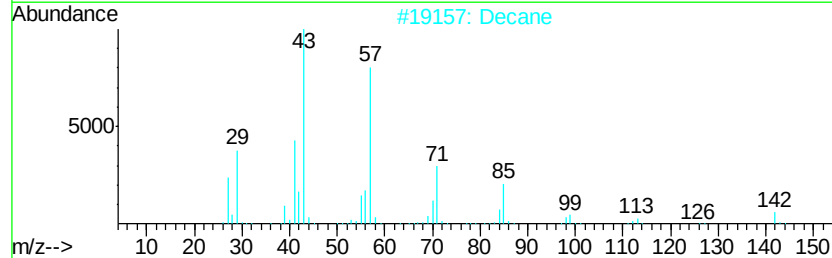
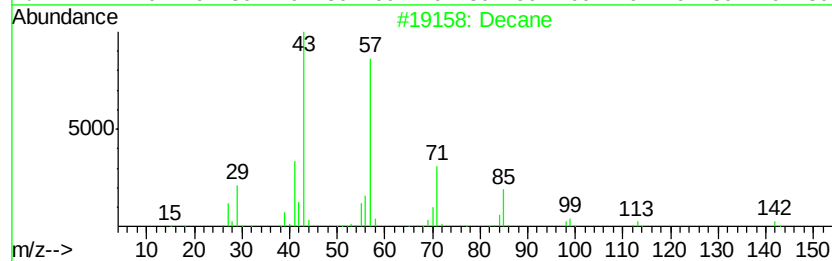
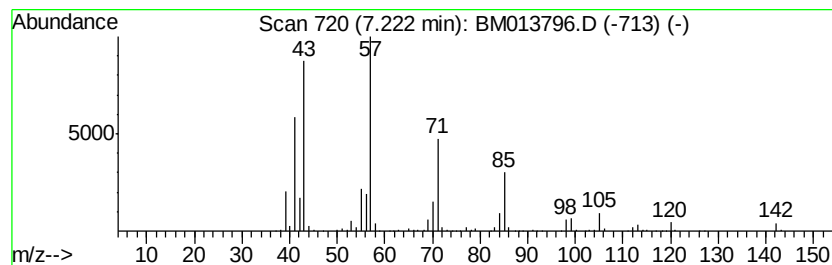
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	50.34 ng/ul	3958970	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Decane	142	C10H22	000124-18-5	90
3		Decane	142	C10H22	000124-18-5	86
4		Undecane	156	C11H24	001120-21-4	83
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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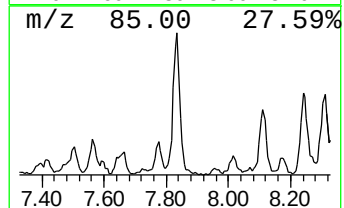
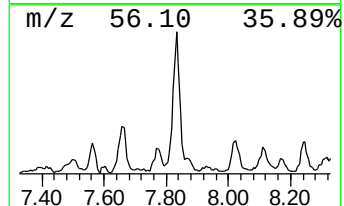
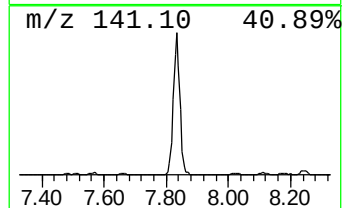
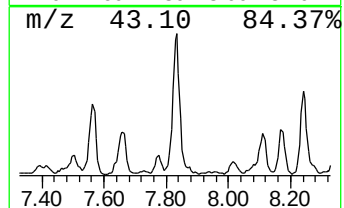
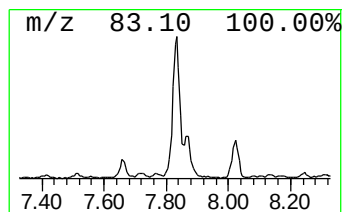
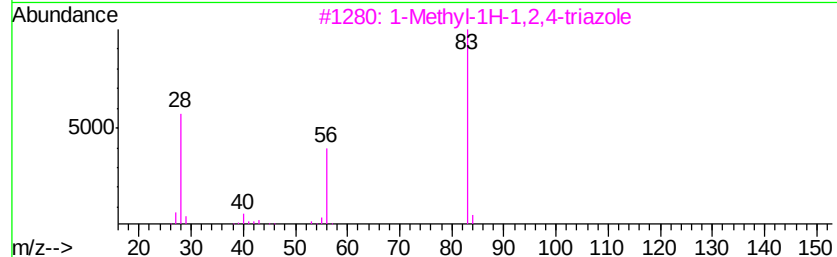
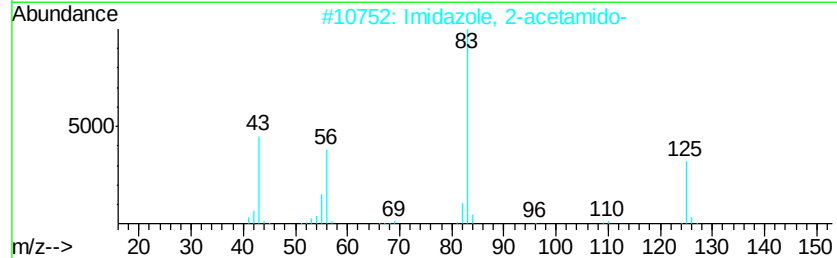
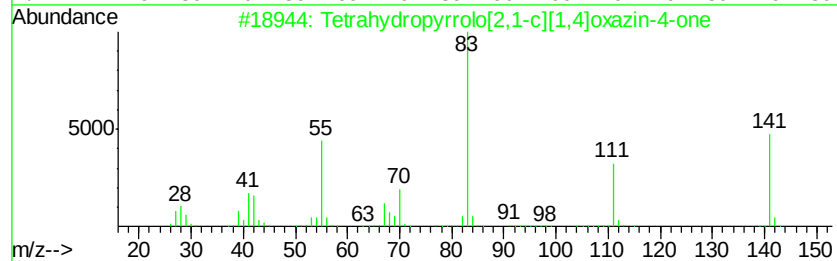
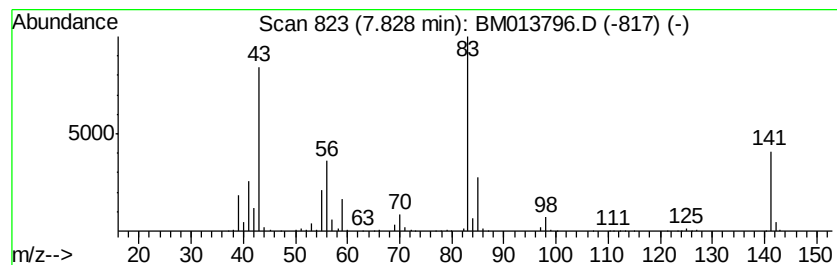
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	20.00 ng/ul	1572950	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydropyrrolo[2,1-c][1,4]oxa...	141	C7H11NO2	101250-37-7	47
2		Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	37
3		1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	37
4		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	28
5		1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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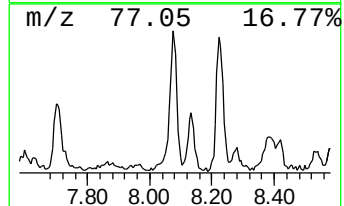
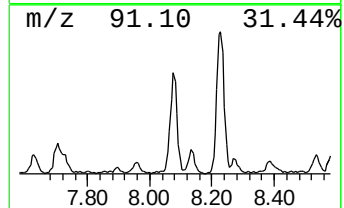
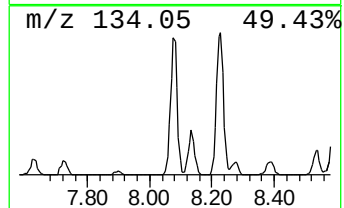
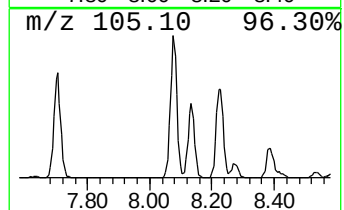
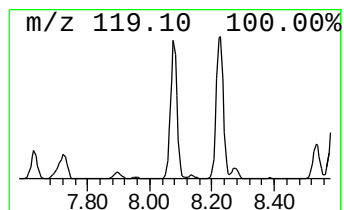
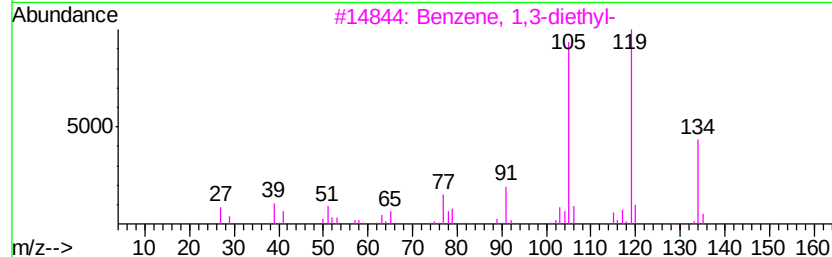
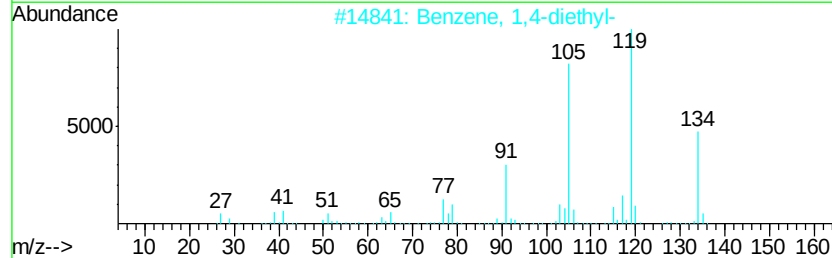
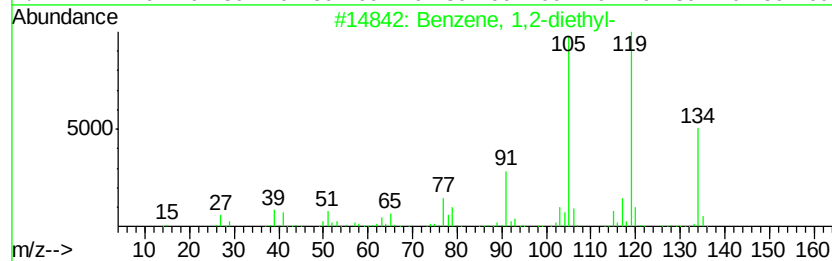
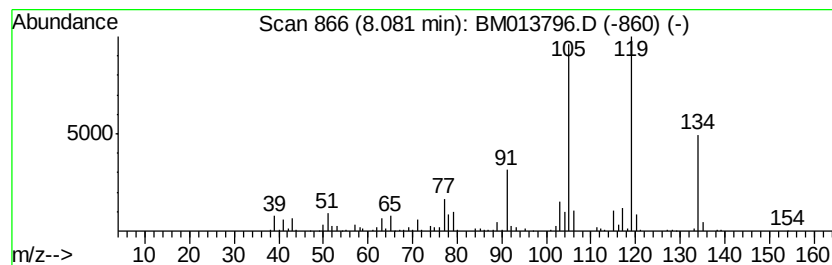
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	16.00 ng/ul	1258280	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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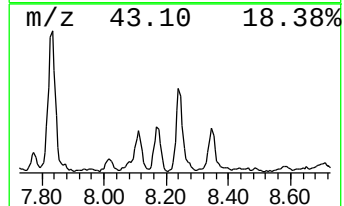
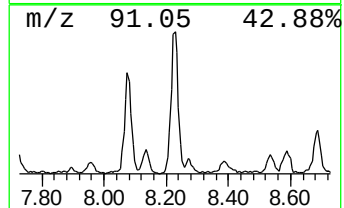
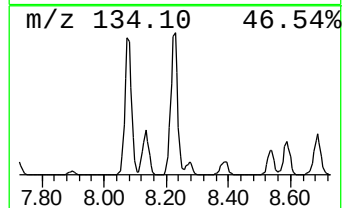
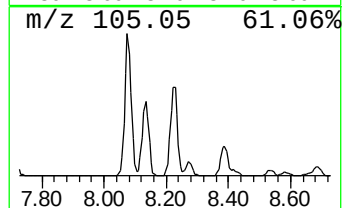
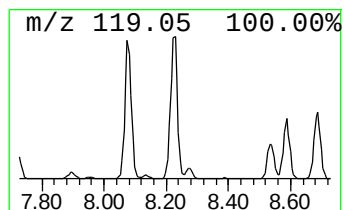
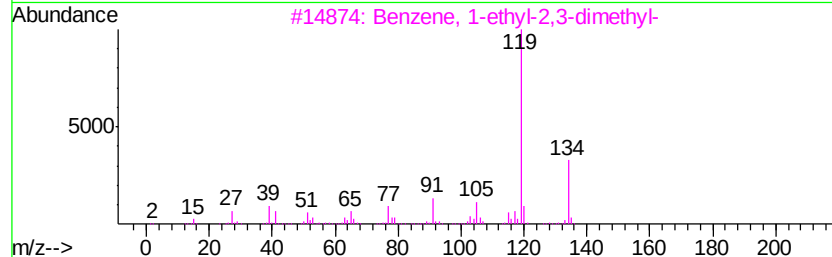
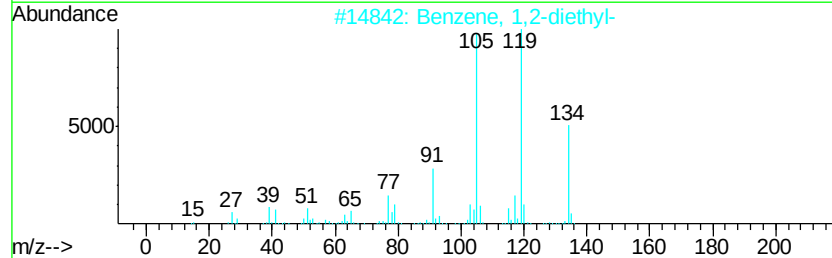
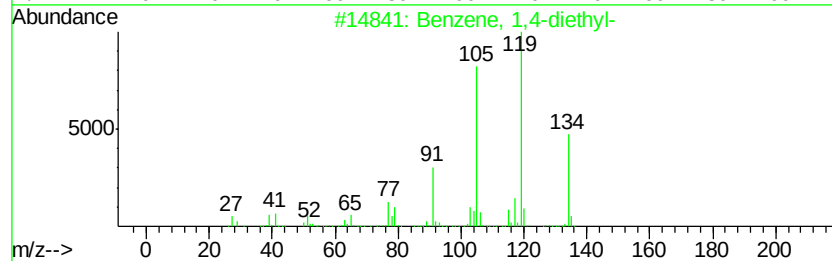
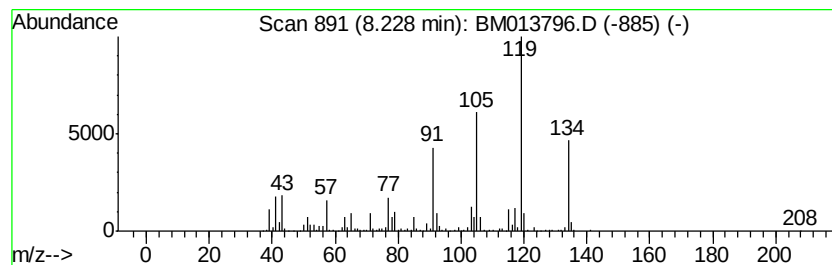
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	26.16 ng/ul	2057340	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
 Data File : BM013796.D
 Acq On : 25 Jan 2018 07:56
 Operator : SJ/JU
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 Misc :
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Instrument :
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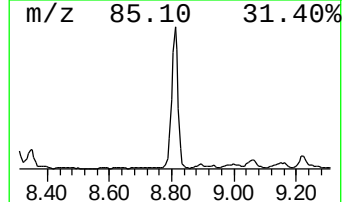
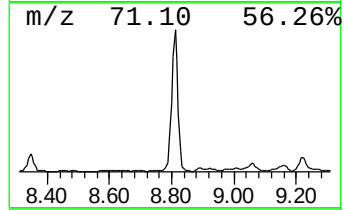
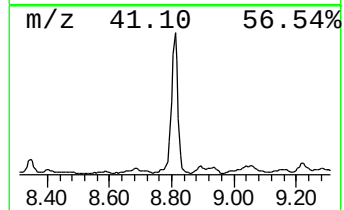
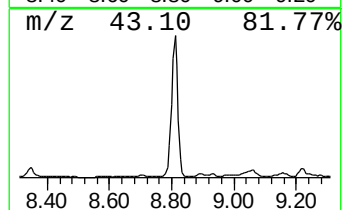
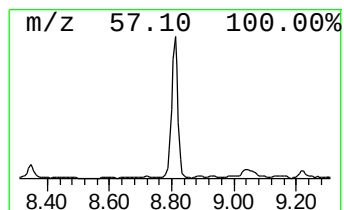
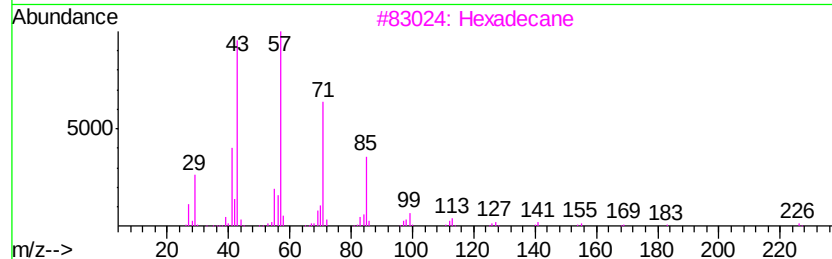
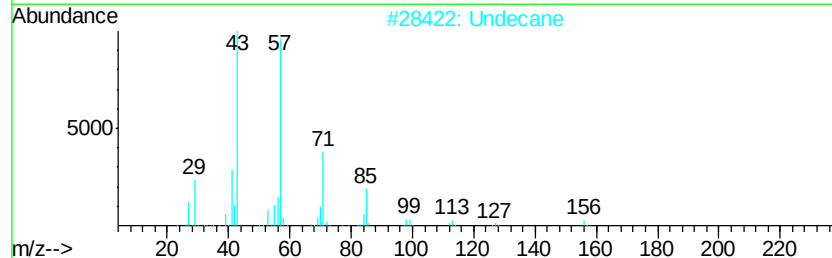
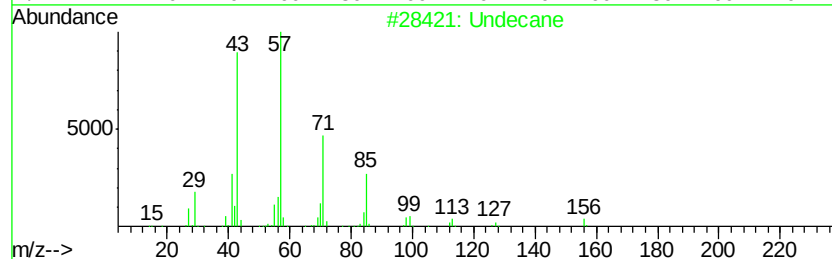
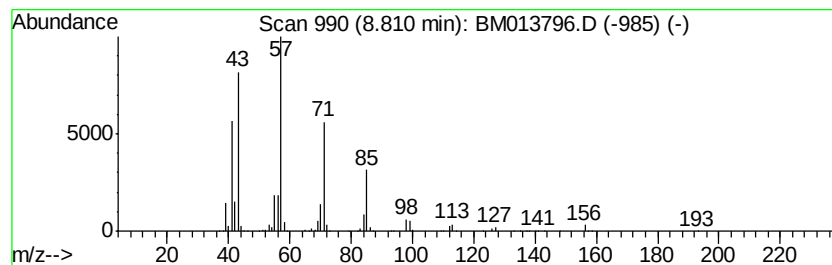
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	82.20 ng/ul	6464490	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		Hexadecane	226	C16H34	000544-76-3	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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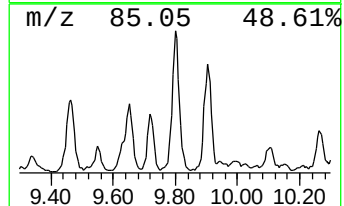
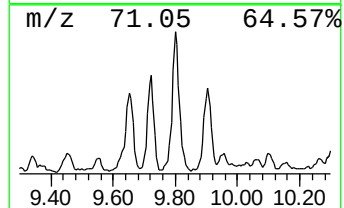
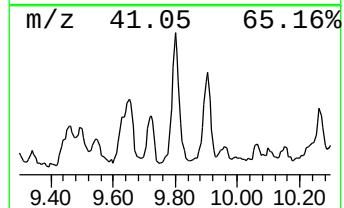
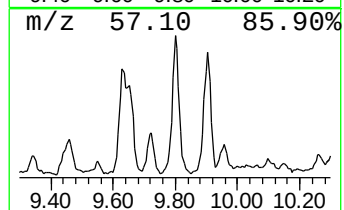
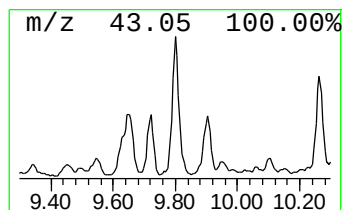
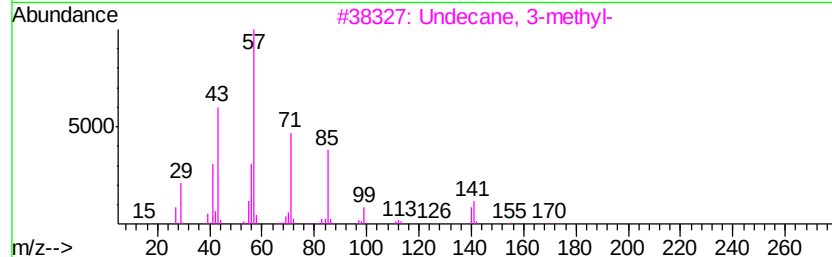
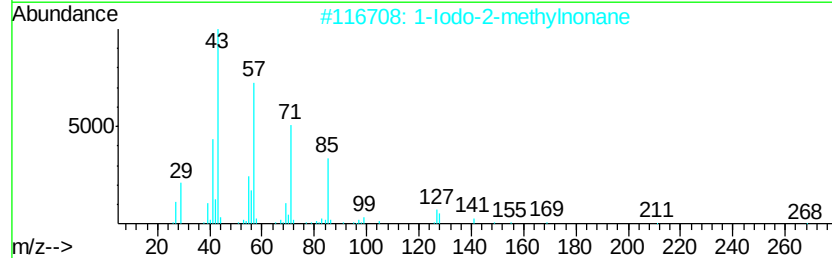
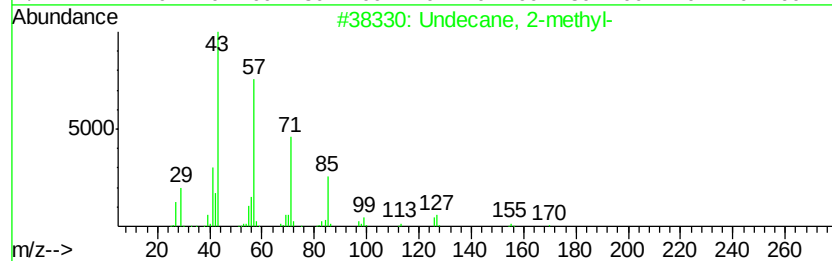
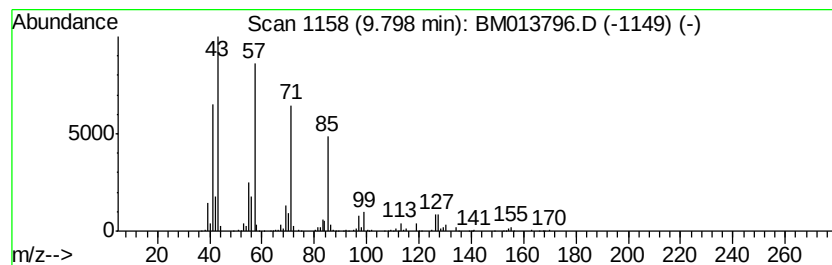
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.35 ng/ul	2370690	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	76
2		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5		Eicosane	282	C20H42	000112-95-8	59



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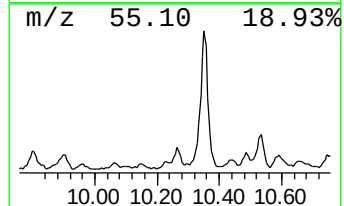
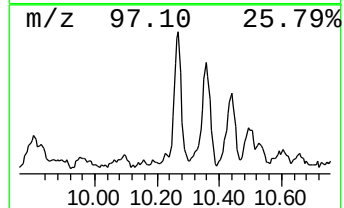
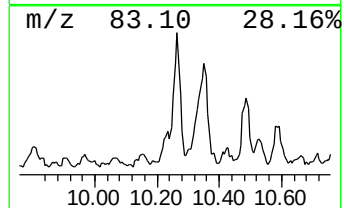
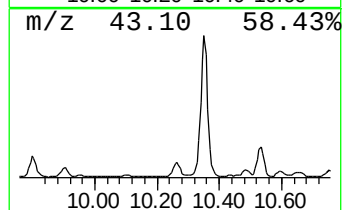
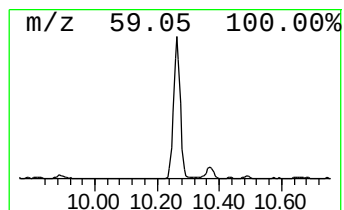
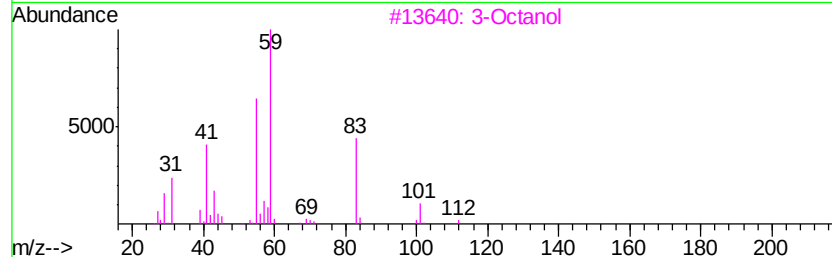
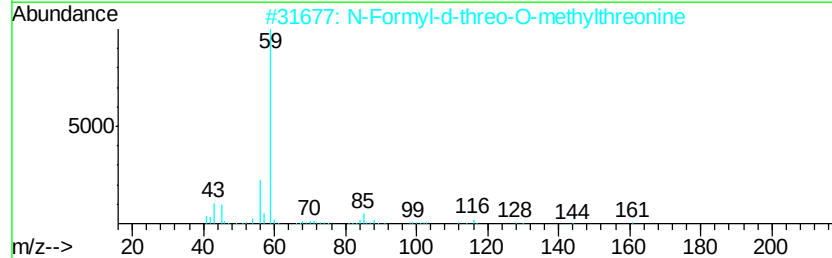
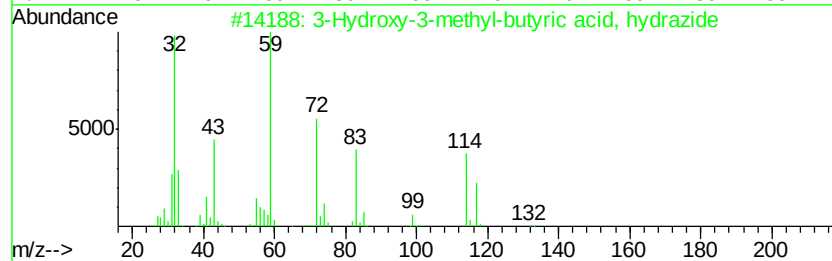
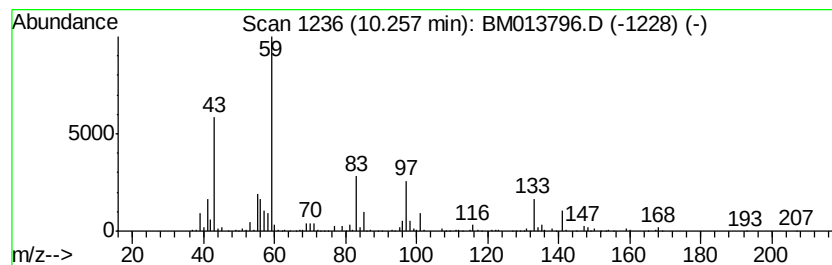
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.65 ng/ul	1873230	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hydroxy-3-methyl-butvric acid,...	132	C5H12N2O2	1000193-80-2	47
2		N-Formyl-d-threo-O-methylthreonine	161	C6H11N04	1000214-69-5	43
3		3-Octanol	130	C8H18O	000589-98-0	38
4		2-Methyl-2-nonanol	158	C10H22O	010297-57-1	35
5		2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	32



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Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
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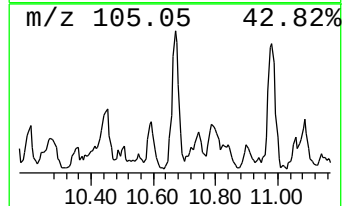
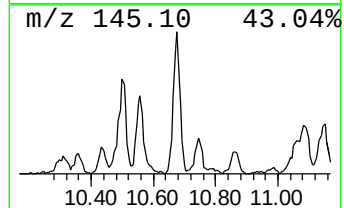
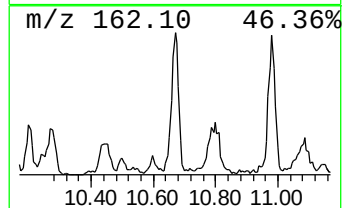
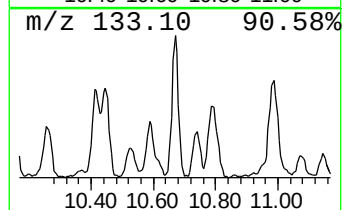
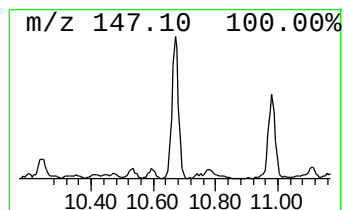
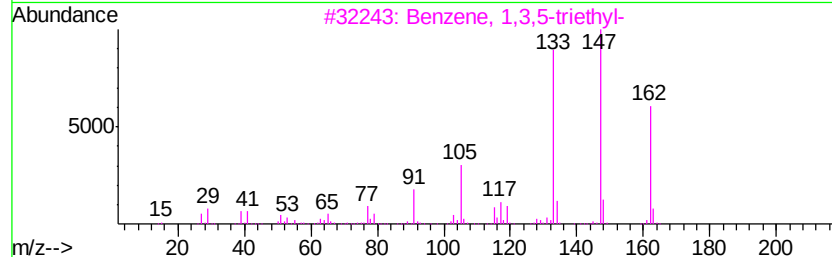
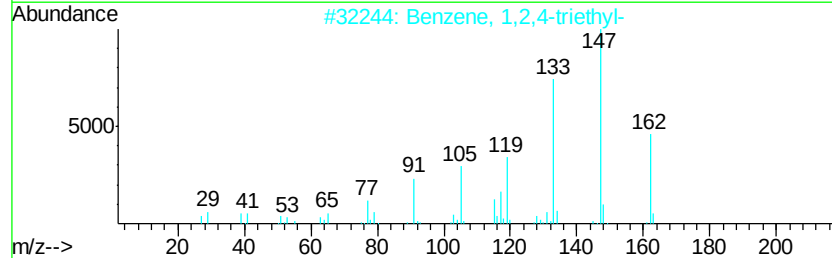
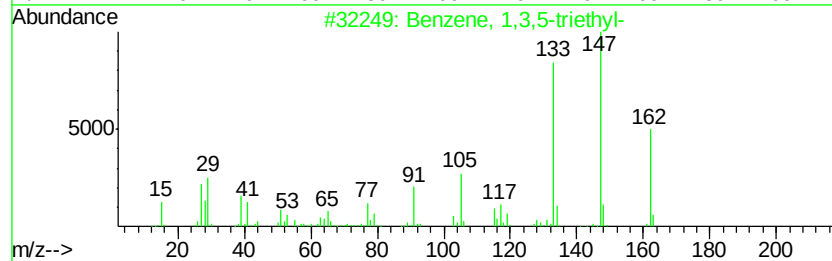
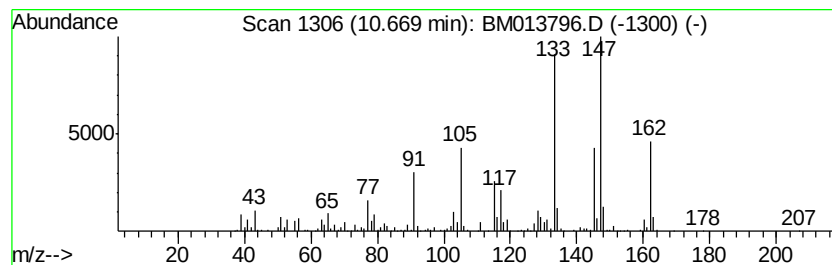
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1,3,5-triethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.04 ng/ul	1447400	Napthalene-d8	10.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3,5-triethyl-	162 C12H18	000102-25-0 93
2		Benzene, 1,2,4-triethyl-	162 C12H18	000877-44-1 90
3		Benzene, 1,3,5-triethyl-	162 C12H18	000102-25-0 89
4		Benzene, 1,2,4-triethyl-	162 C12H18	000877-44-1 81
5		Benzene, 1,3,5-triethyl-	162 C12H18	000102-25-0 76



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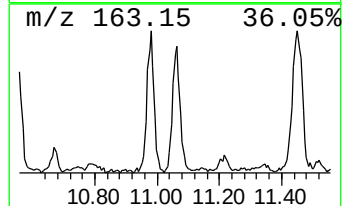
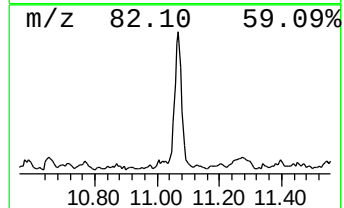
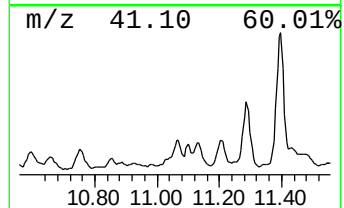
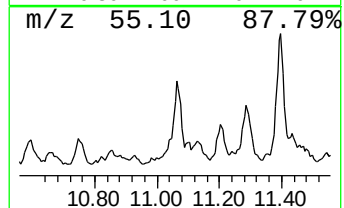
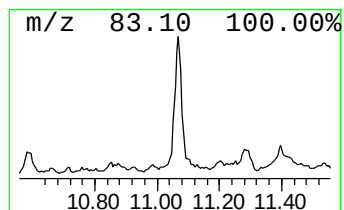
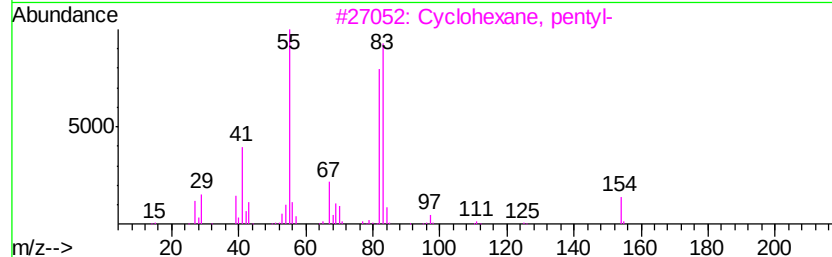
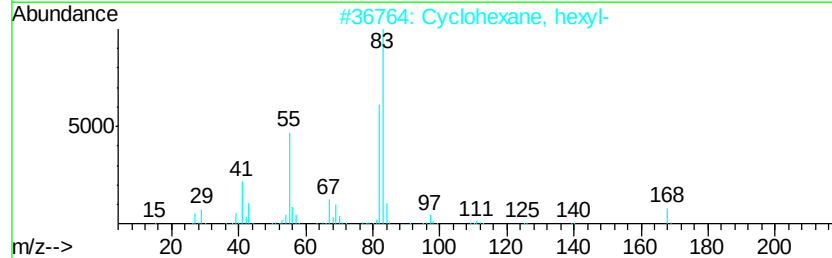
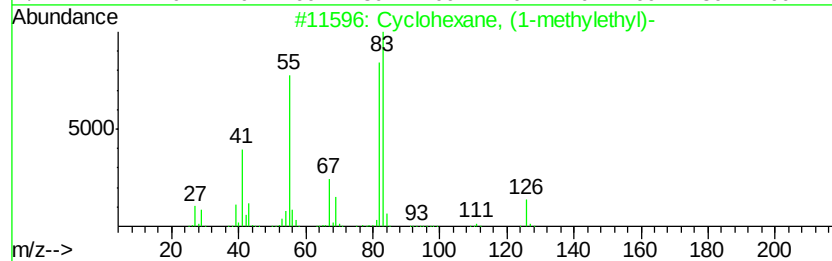
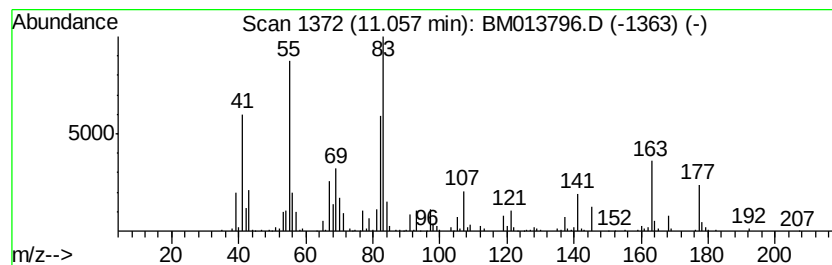
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Cyclic11.06 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.64 ng/ul	1866590	Napthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50



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Misc :
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Instrument :
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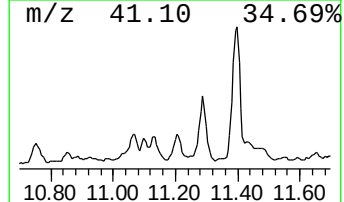
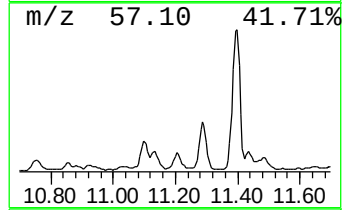
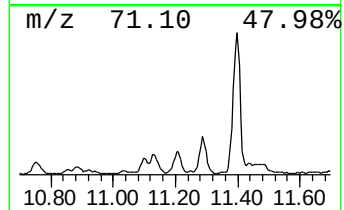
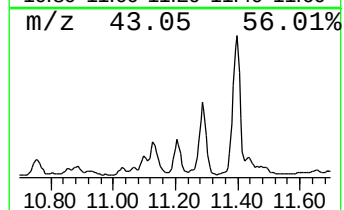
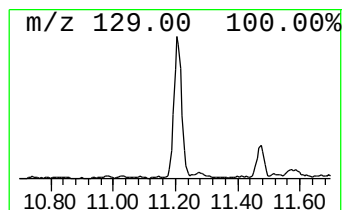
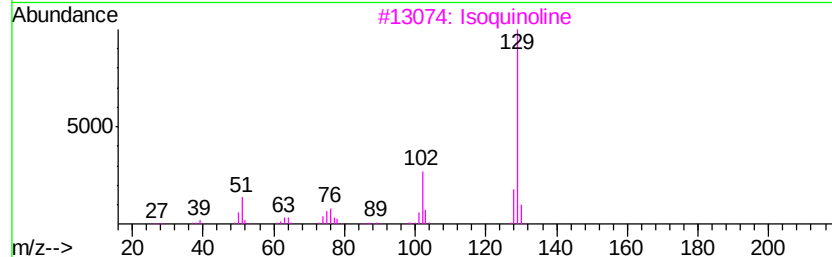
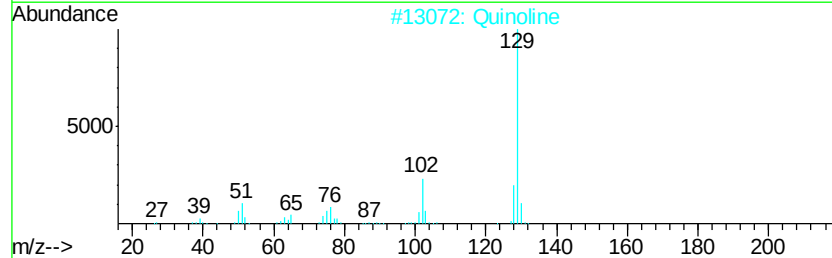
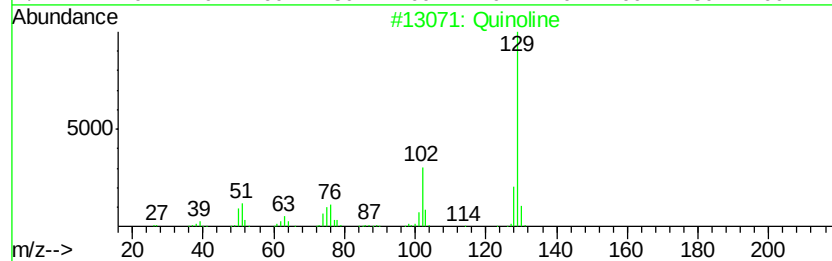
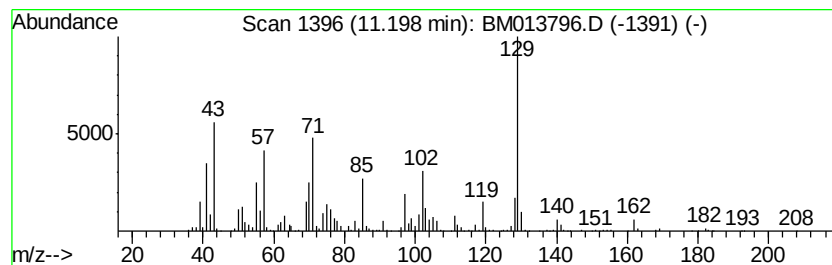
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Quinoline Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.47 ng/ul	2453950	Napthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline	129	C9H7N	000091-22-5	96
2			Quinoline	129	C9H7N	000091-22-5	92
3			Isoquinoline	129	C9H7N	000119-65-3	92
4			Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	91
5			Isoquinoline	129	C9H7N	000119-65-3	83



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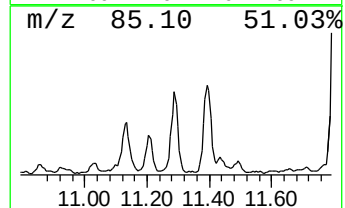
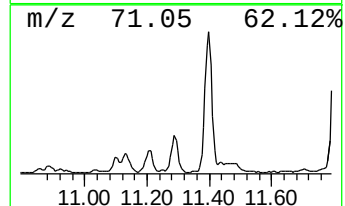
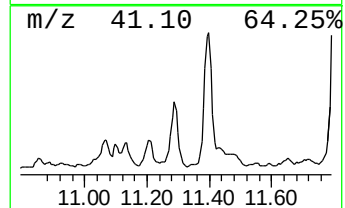
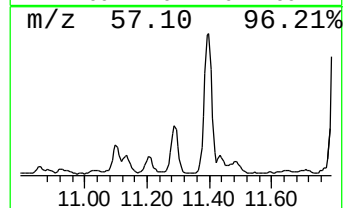
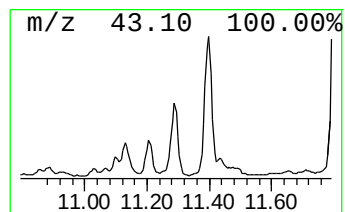
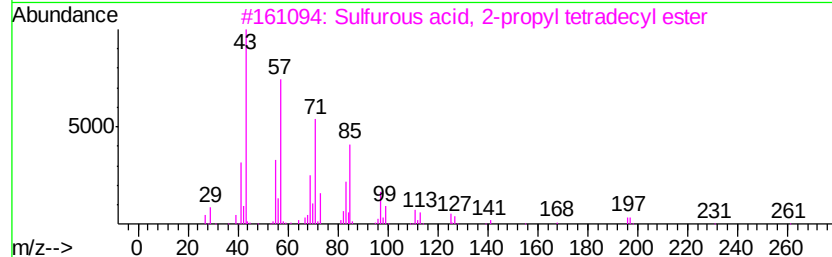
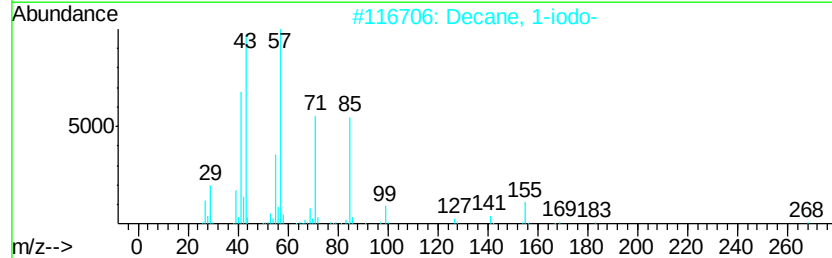
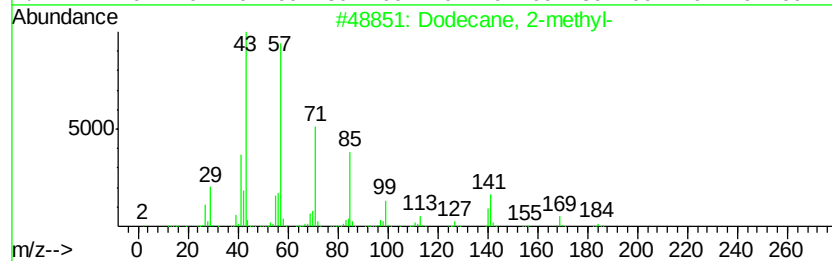
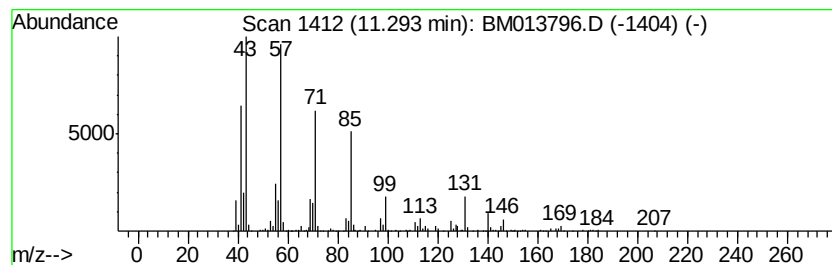
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	3.98 ng/ul	2817770	Napthalene-d8	10.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
3	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	64
4	Heptacosane	380	C27H56	000593-49-7	49
5	Decane, 5-propyl-	184	C13H28	017312-62-8	49



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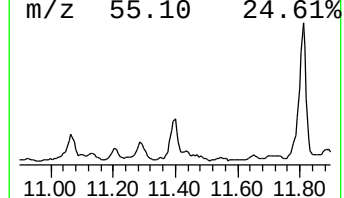
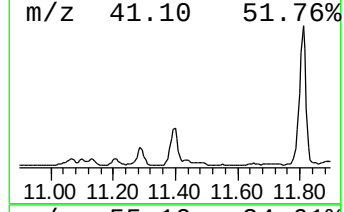
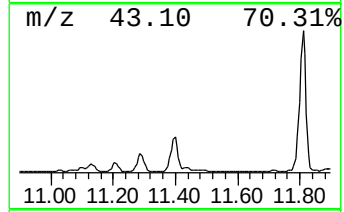
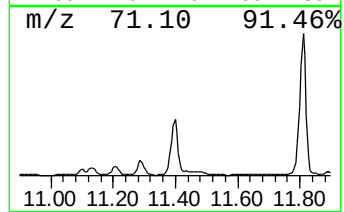
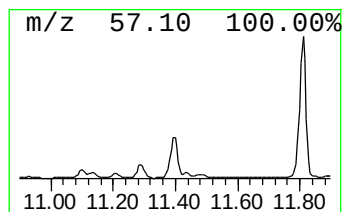
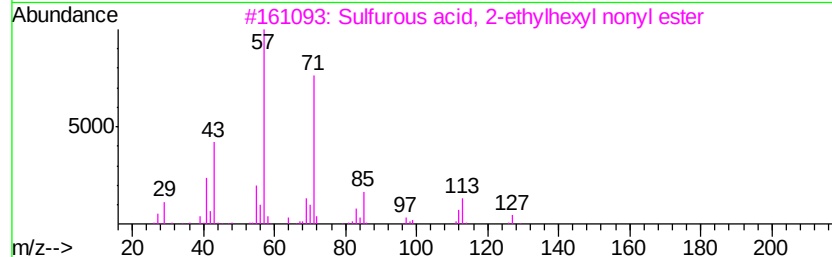
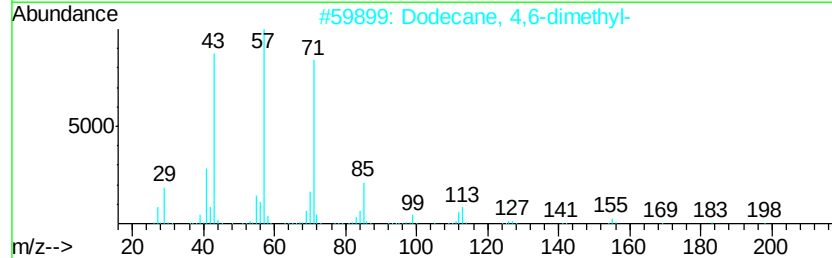
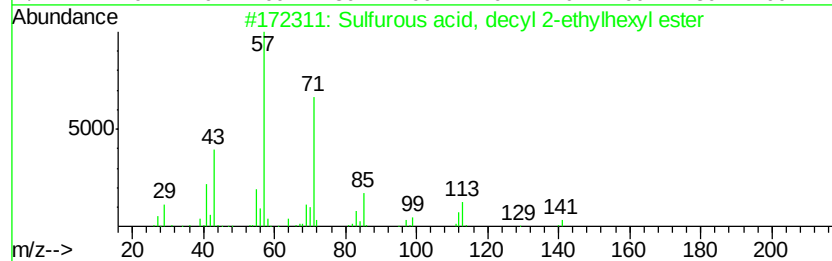
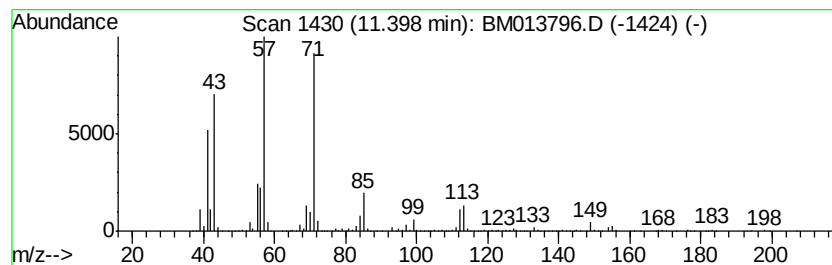
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Sulfurous acid, decyl 2-eth... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.14 ng/ul	5762430	Napthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
4			Decane, 2-methyl-	156	C11H24	006975-98-0	62
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



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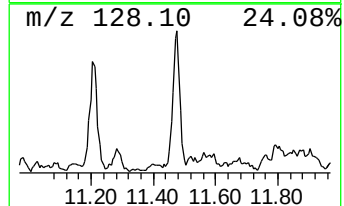
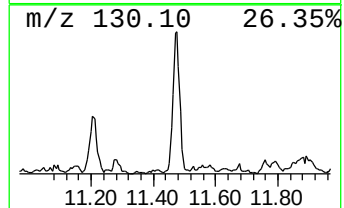
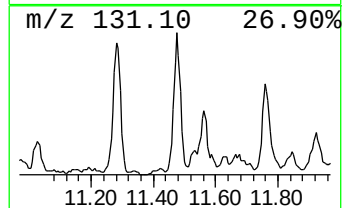
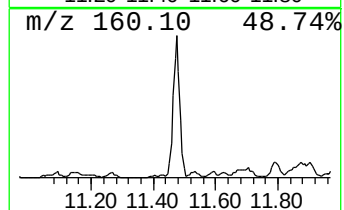
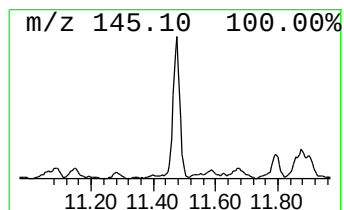
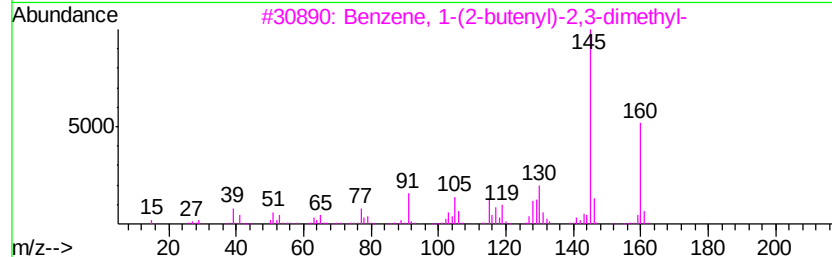
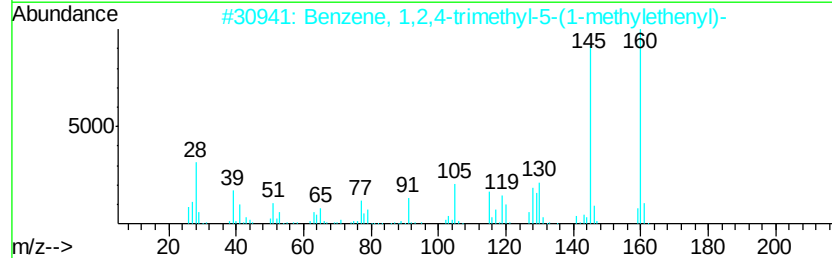
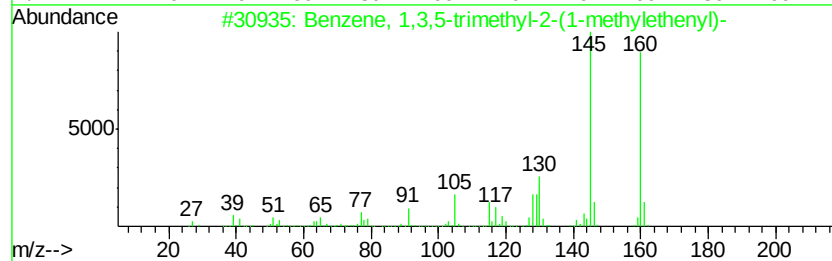
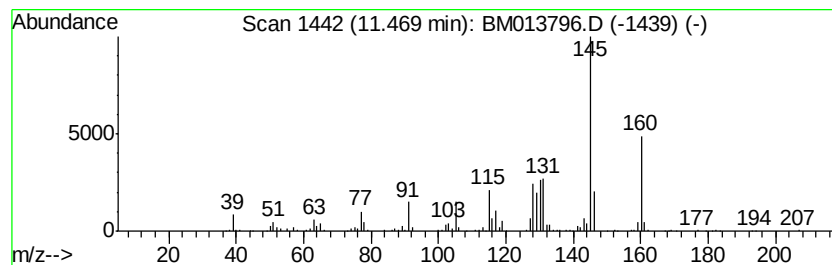
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.09 ng/ul	2189390	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-methyl-2-propenyl)-	160	C12H16	014679-13-1	76
2		Benzene, 1,2,4-trimethyl-5-(1-methyl-2-propenyl)-	160	C12H16	054340-84-0	76
3		Benzene, 1-(2-butenyl)-2,3-dimethyl-	160	C12H16	054340-85-1	68
4		Benzene, 4-(2-butenyl)-1,2-dimethyl-	160	C12H16	054340-86-2	68
5		Naphthalene, 1,2,3,4-tetrahydro-	160	C12H16	004175-54-6	64



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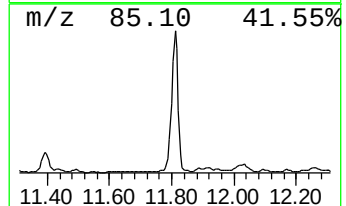
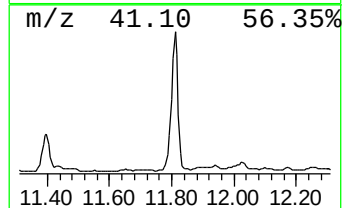
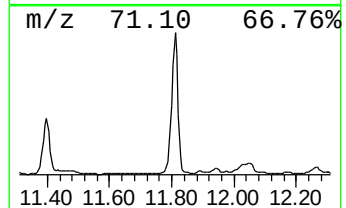
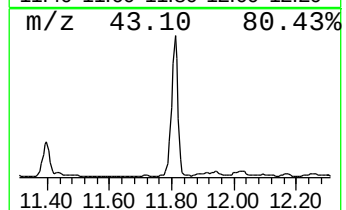
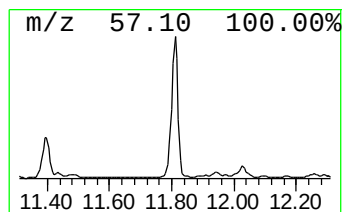
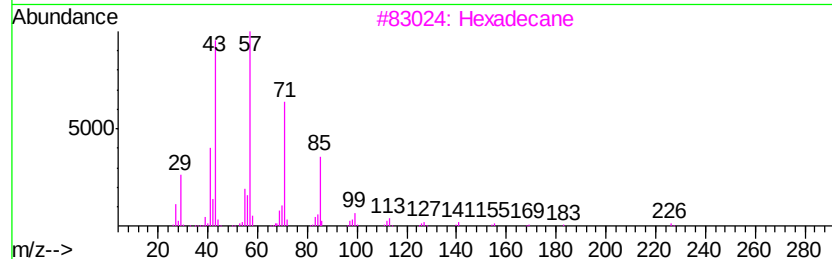
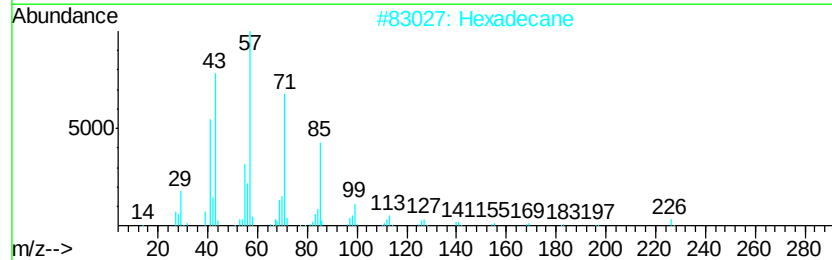
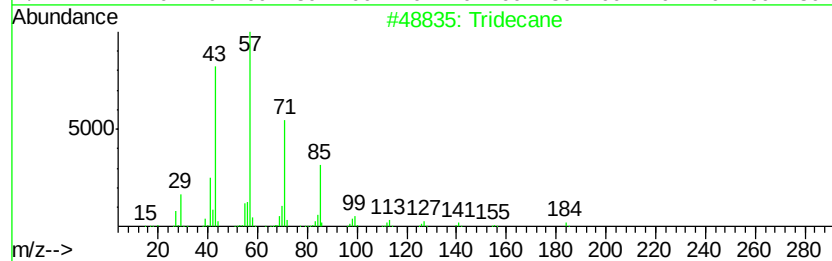
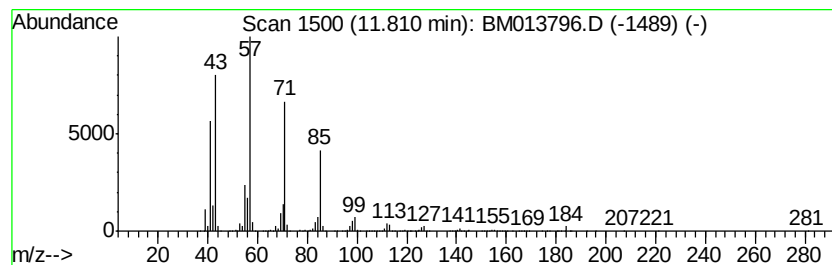
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	25.25 ng/ul	17876000	Napthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

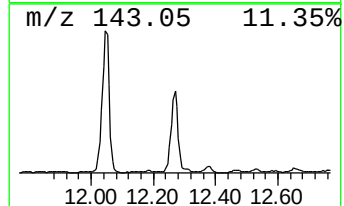
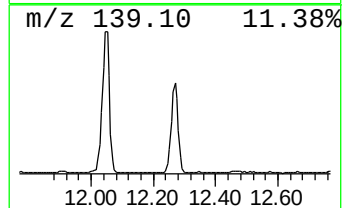
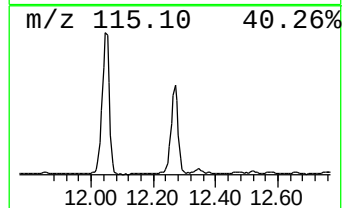
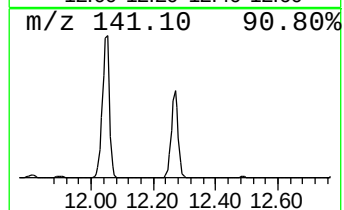
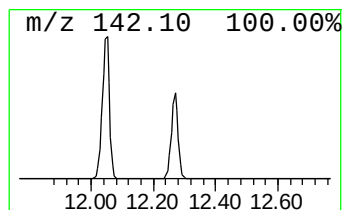
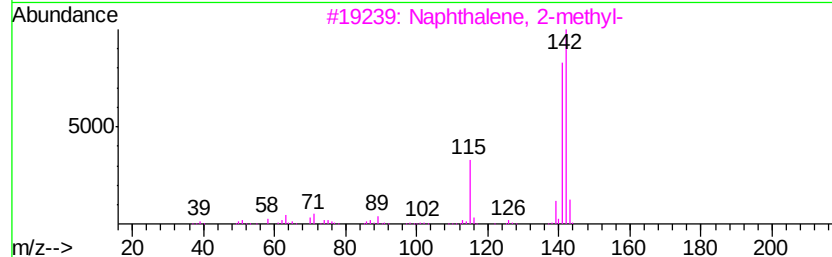
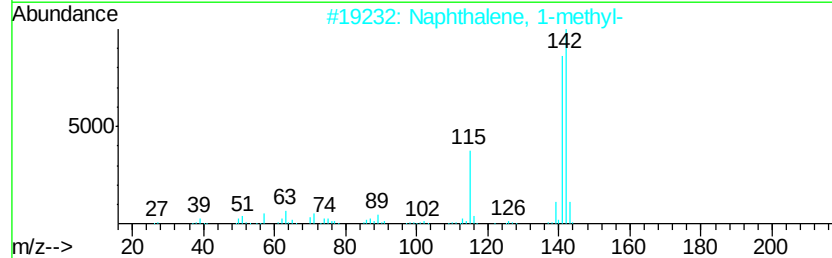
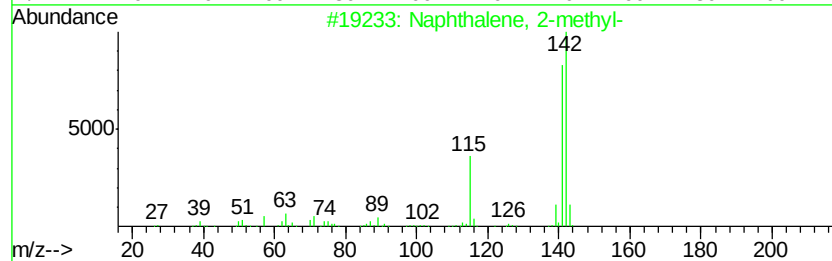
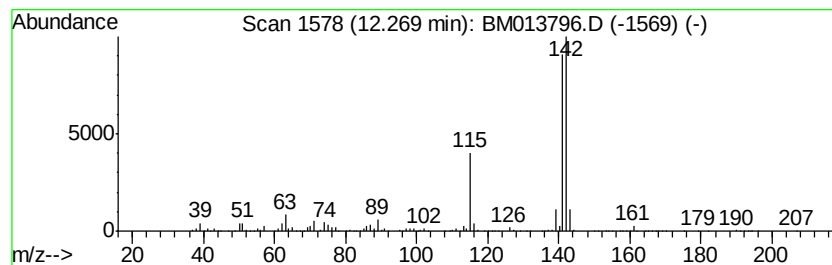
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	11.29 ng/ul	7990960	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	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 07:56
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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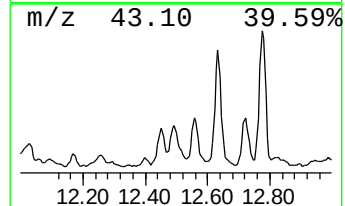
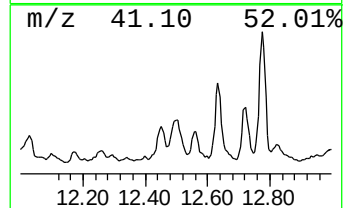
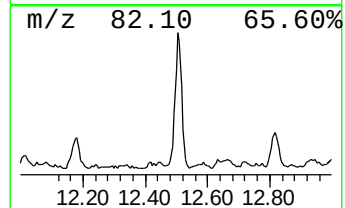
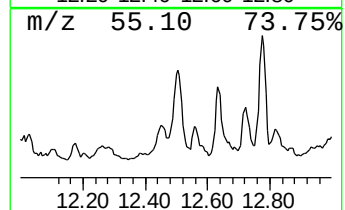
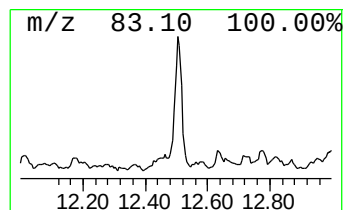
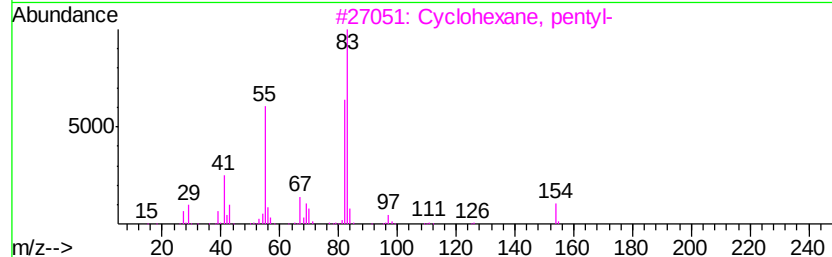
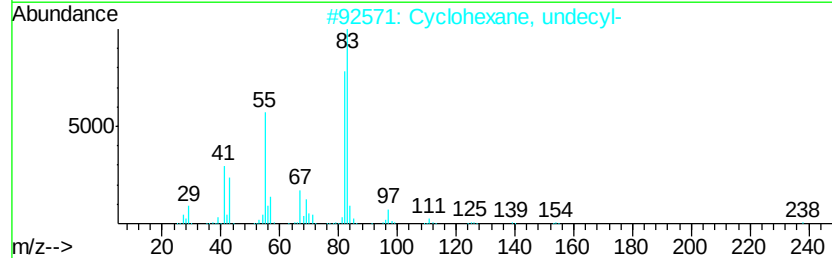
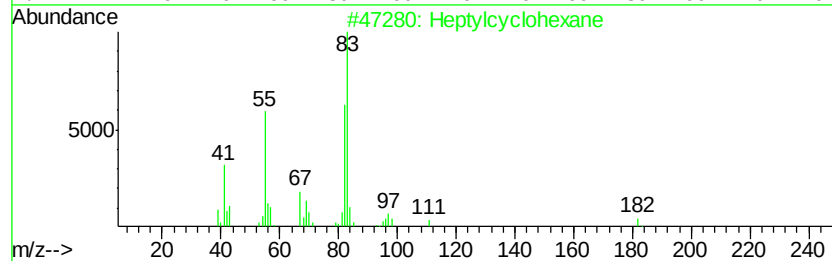
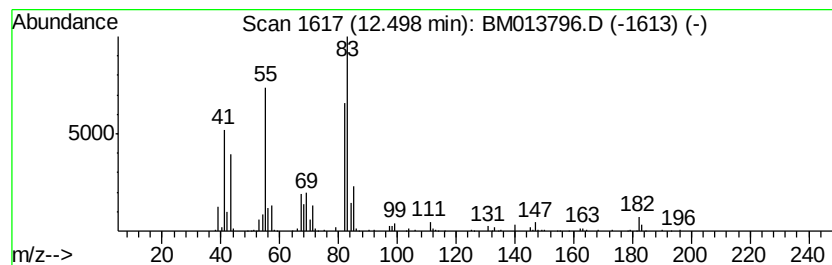
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.09 ng/ul	2800620	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	83
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	78



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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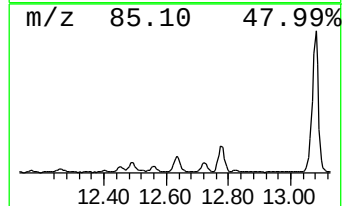
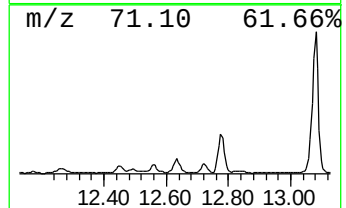
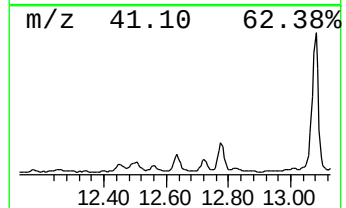
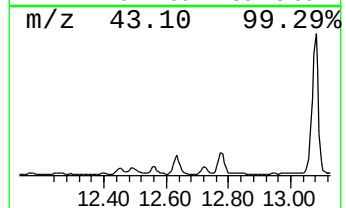
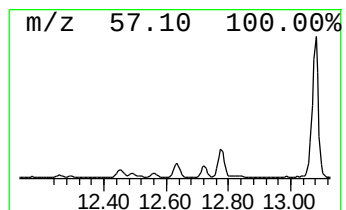
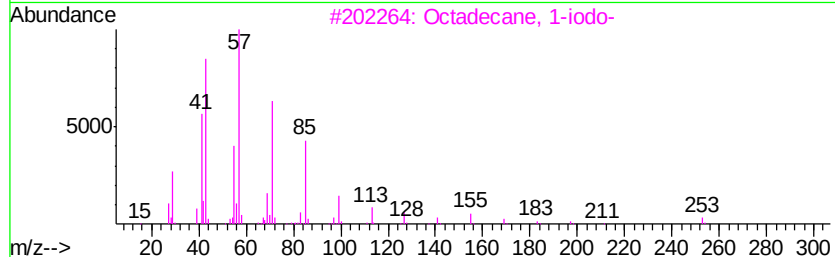
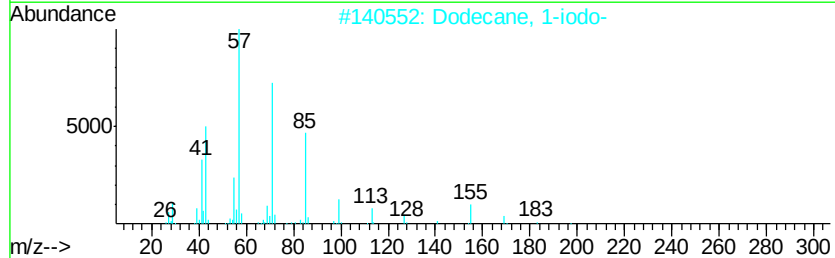
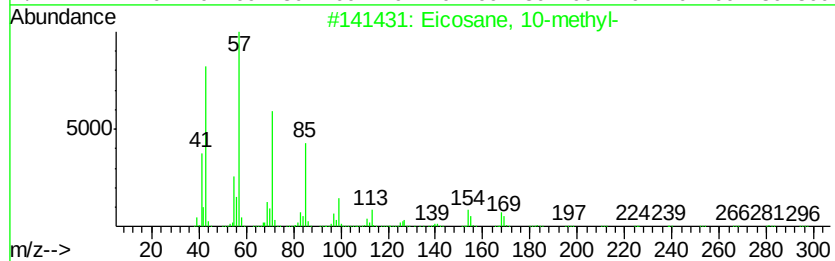
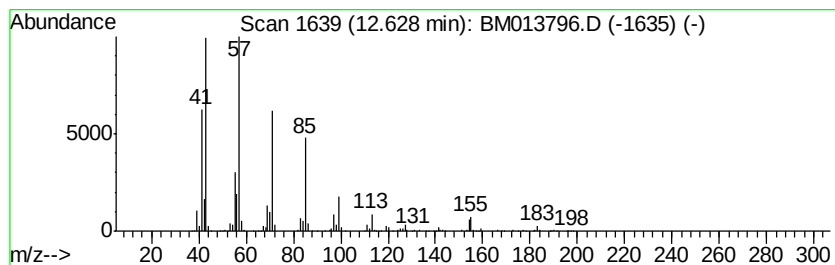
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.74 ng/ul	3684480	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
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Sample : J1222-08
Misc :
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ClientSampleId :
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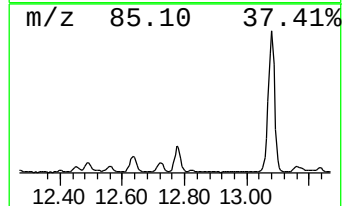
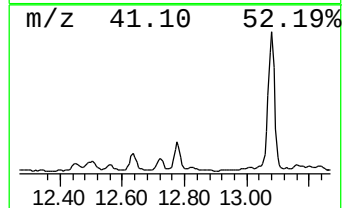
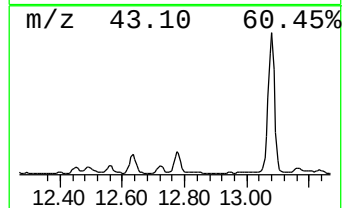
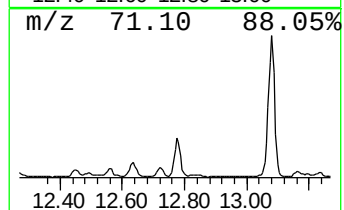
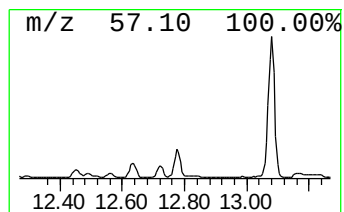
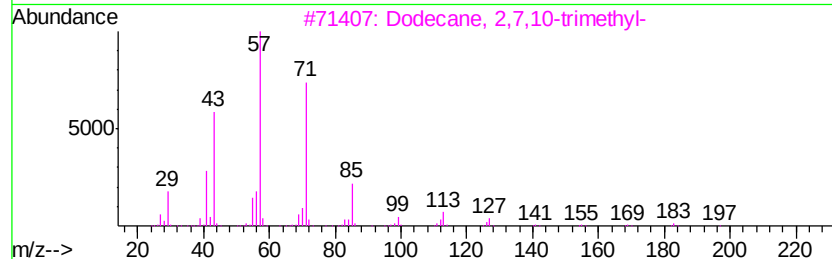
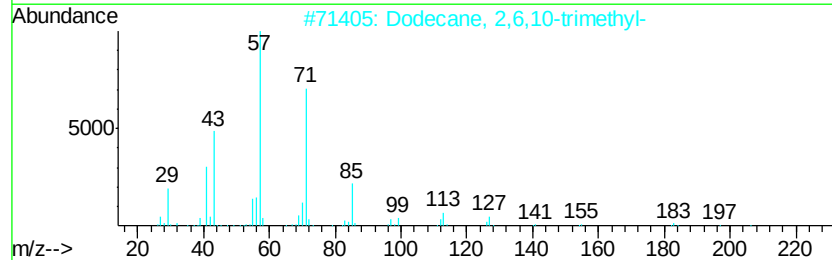
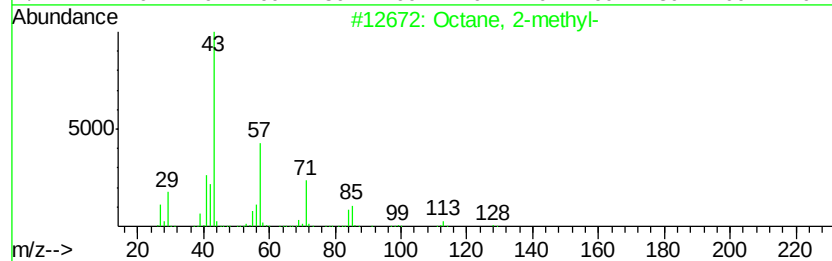
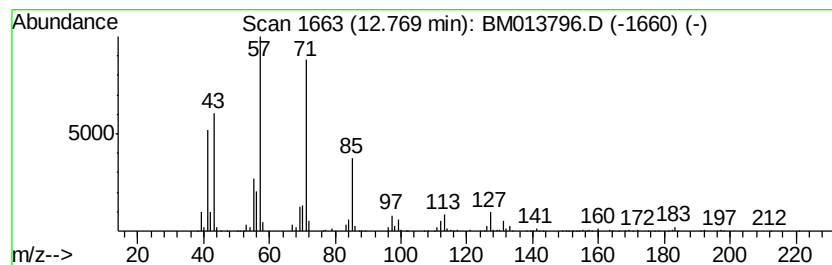
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	4.16 ng/ul	5585390	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
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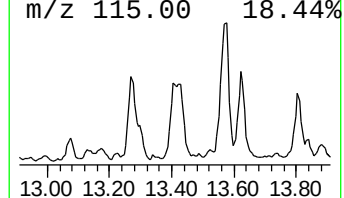
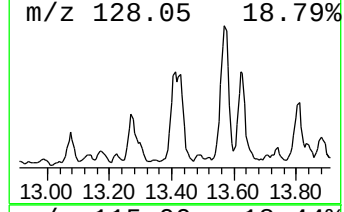
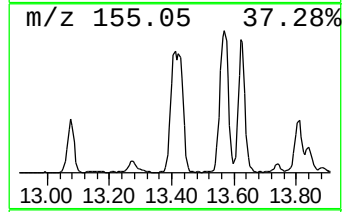
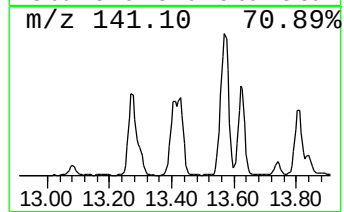
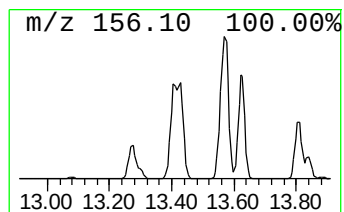
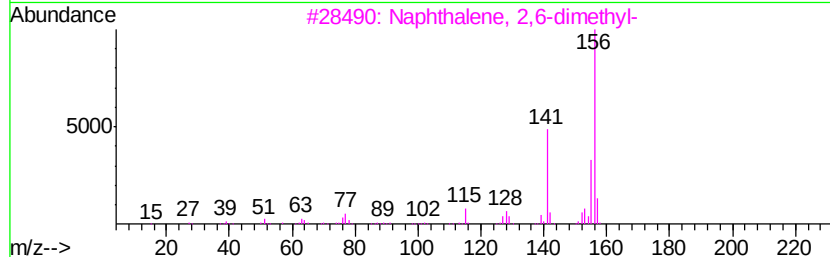
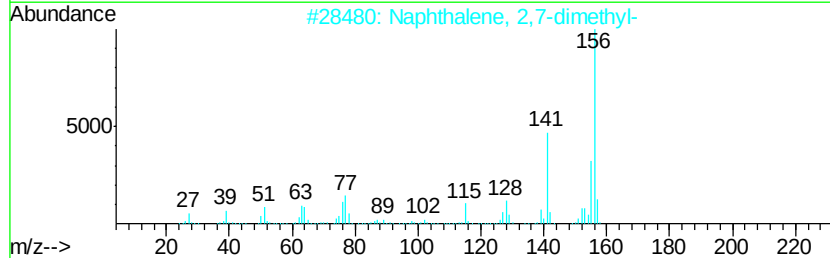
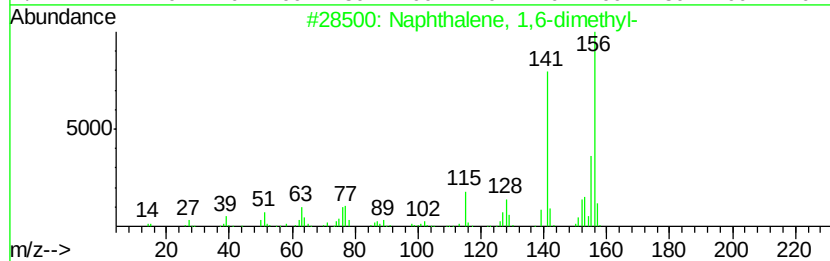
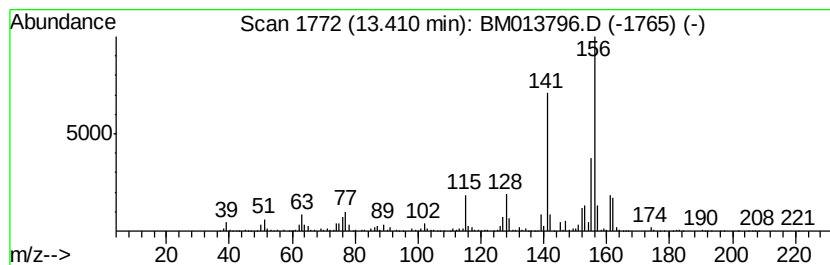
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 1,6-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.80 ng/ul	5105600	Acenaphthene-d10	14.25

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



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
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Misc :
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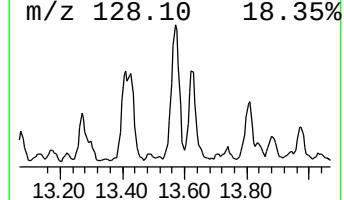
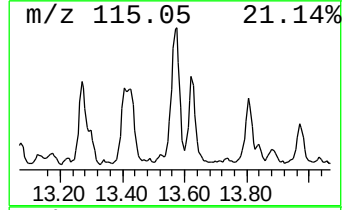
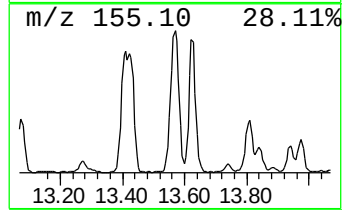
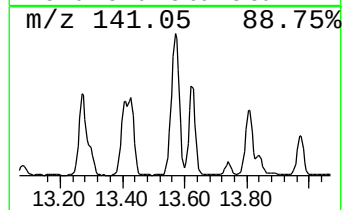
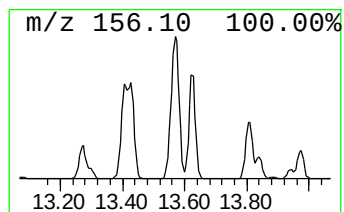
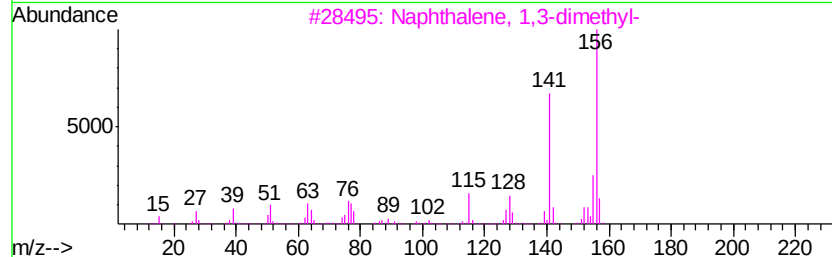
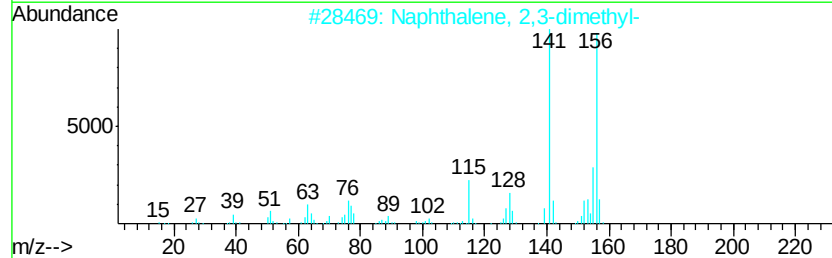
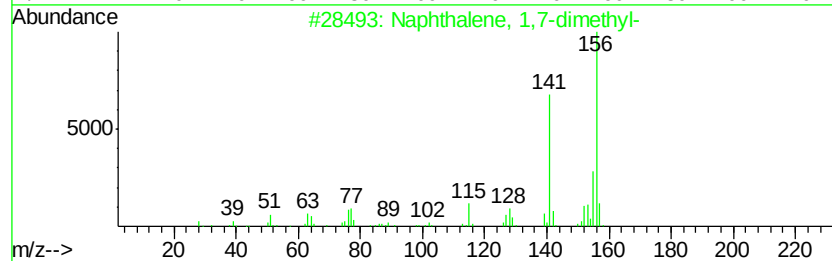
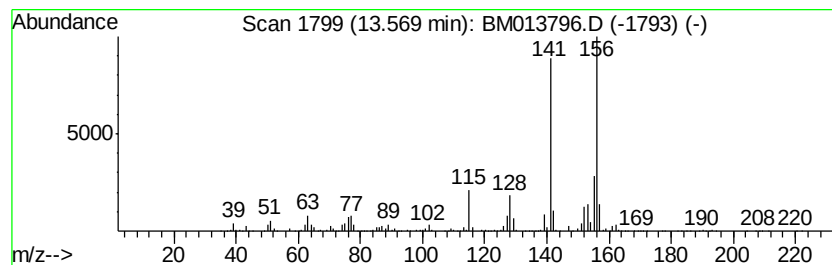
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.85 ng/ul	9196410	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
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ClientSampleId :
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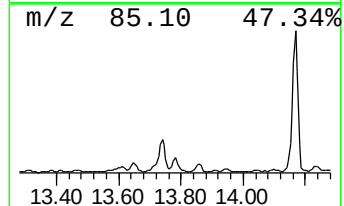
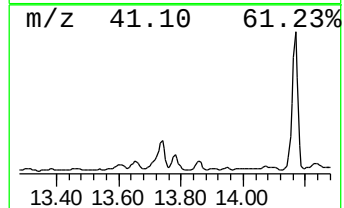
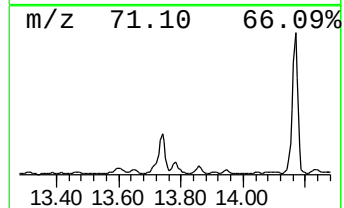
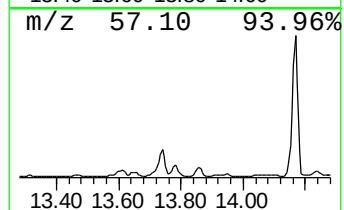
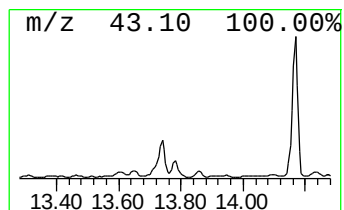
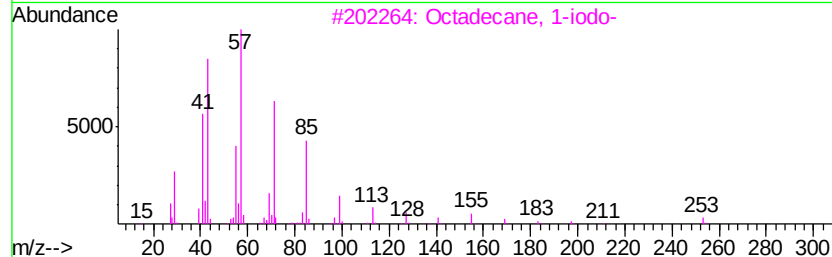
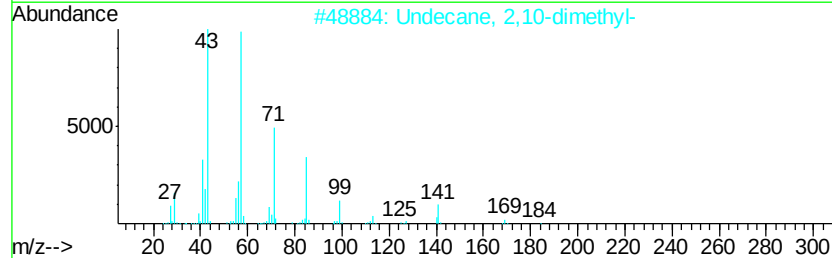
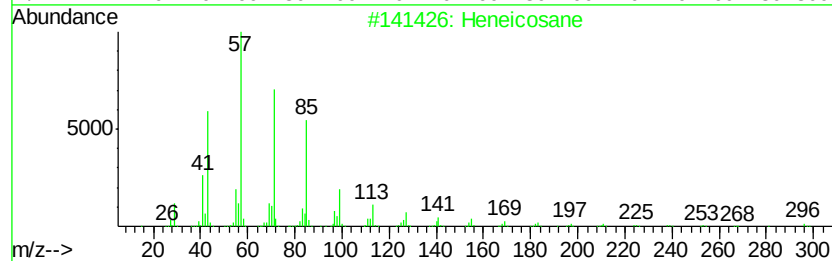
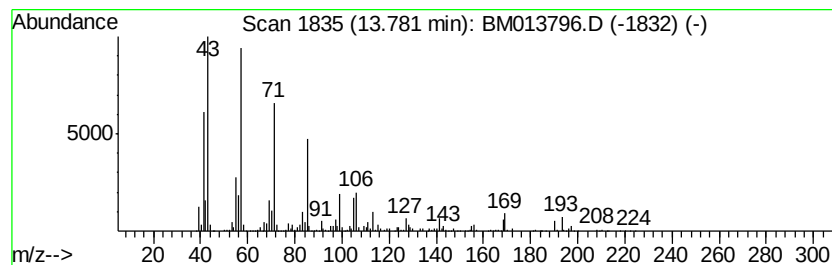
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.14 ng/ul	2871950	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	68
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	68
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

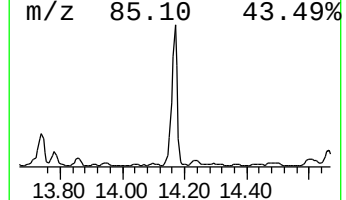
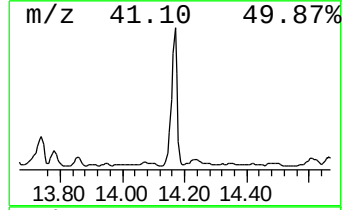
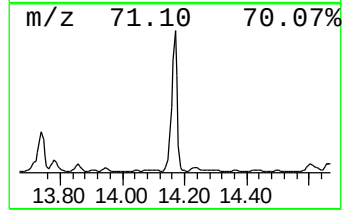
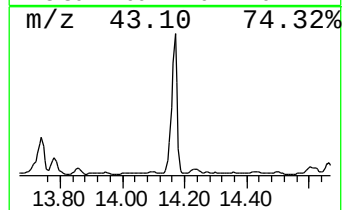
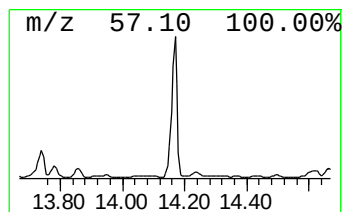
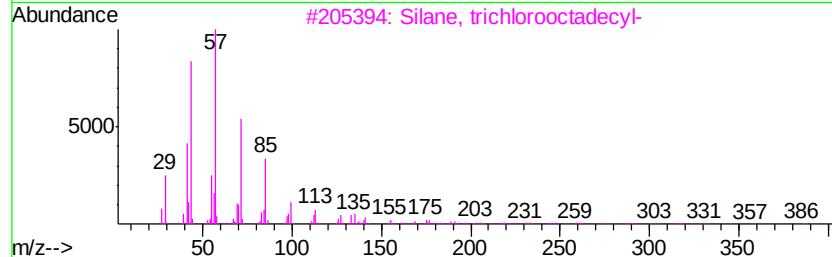
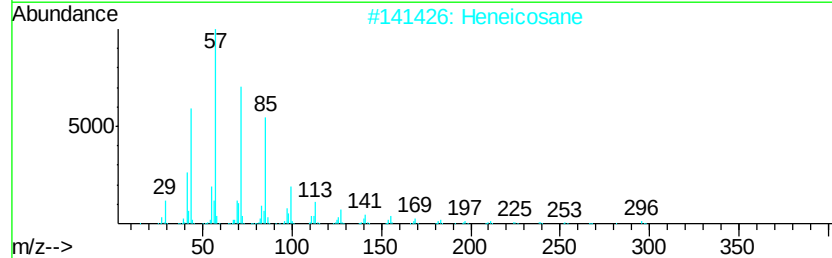
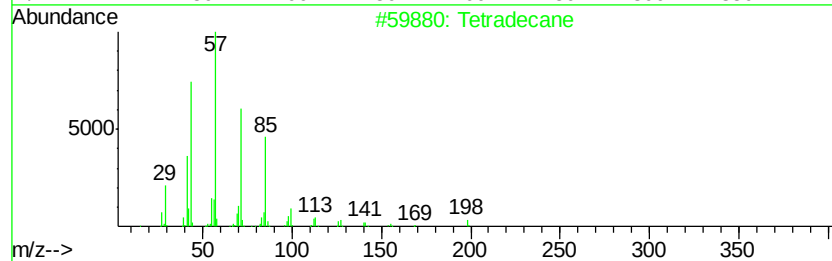
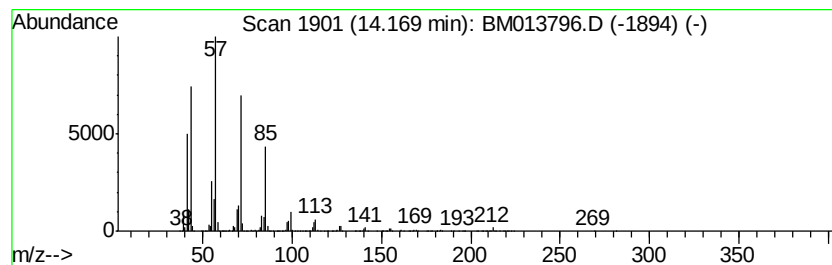
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	21.57 ng/ul	28947200	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

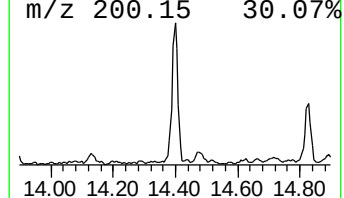
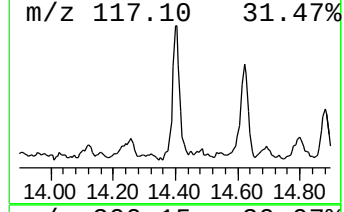
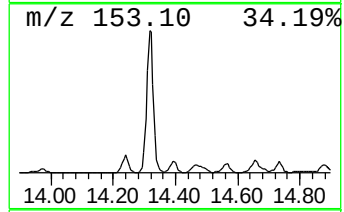
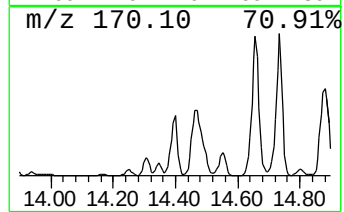
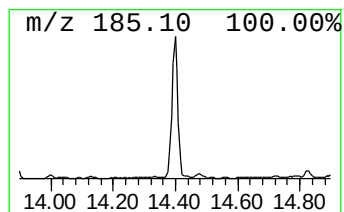
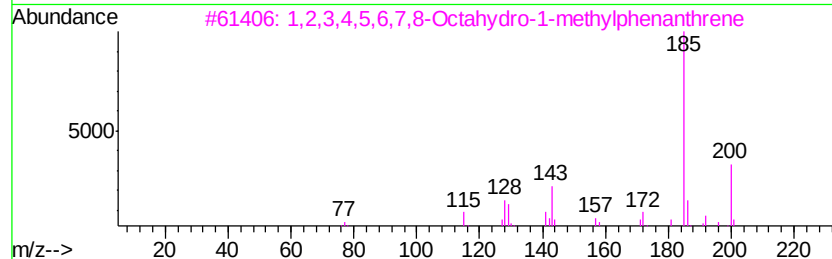
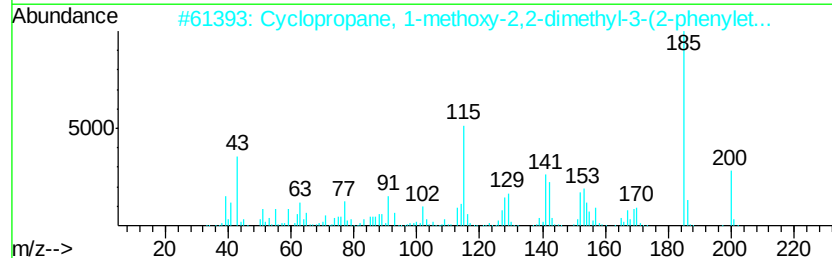
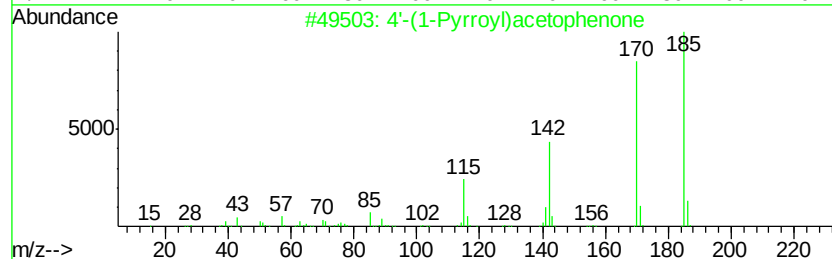
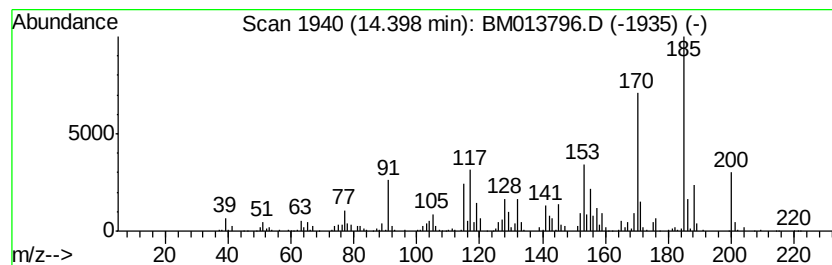
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 4'-(1-Pyrrolyl)acetophenone Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.09 ng/ul	4152700	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4'-(1-Pyrrolyl)acetophenone	185 C12H11NO	022106-37-2	55
2	Cyclopropane, 1-methoxy-2,2-dime...	200 C14H16O	1000271-83-0	46
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200 C15H20	1000080-19-4	46
4	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200 C13H16N2	1000261-34-8	38
5	2,3-Dihydro-6-methylfuro(2,3-b)q...	185 C12H11NO	064124-83-0	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Operator : SJ/JU
Sample : J1222-08
Misc :
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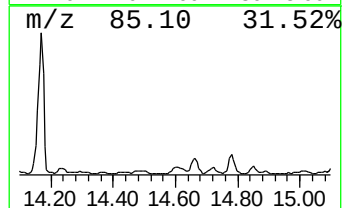
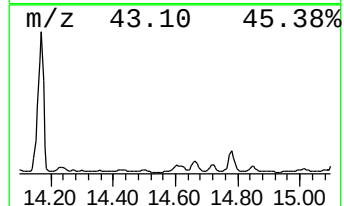
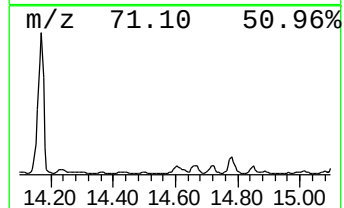
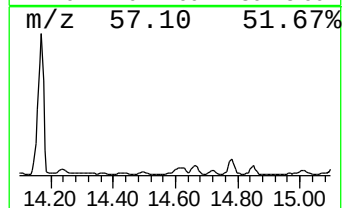
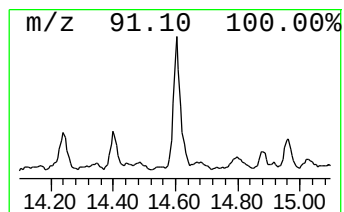
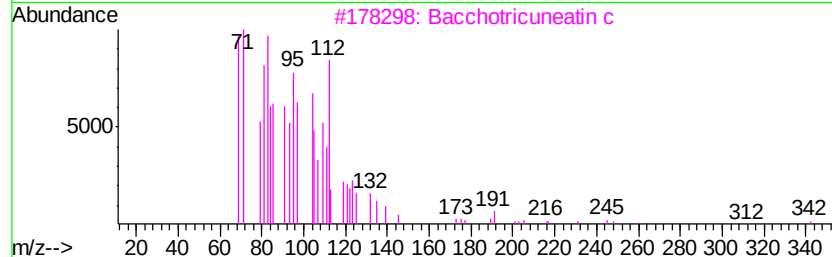
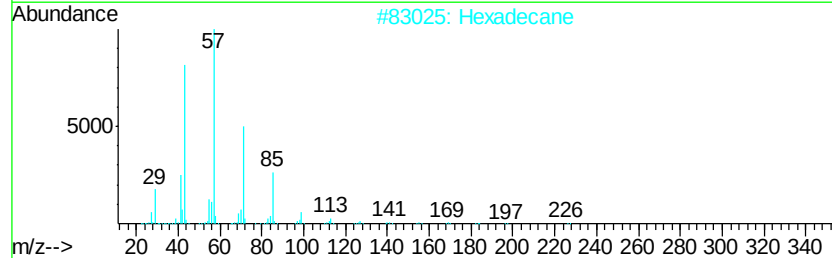
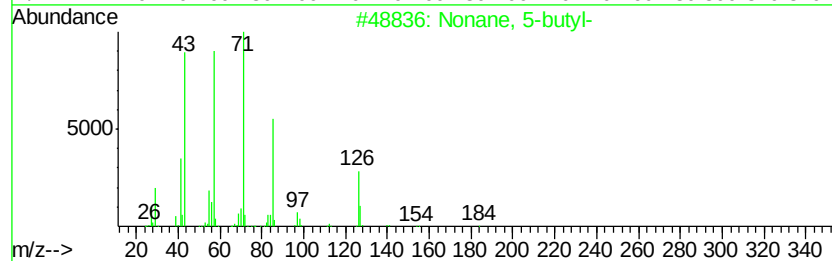
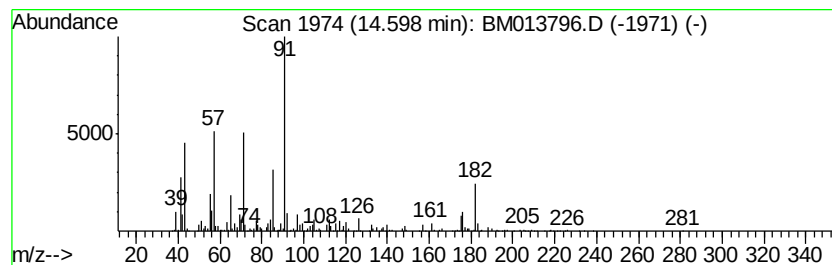
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.10 ng/ul	2823530	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 5-butyl-	184 C13H28	017312-63-9 41
2		Hexadecane	226 C16H34	000544-76-3 38
3		Bacchotricuneatin c	342 C20H22O5	066563-30-2 38
4		Bibenzyl	182 C14H14	000103-29-7 35
5		Bibenzyl	182 C14H14	000103-29-7 35



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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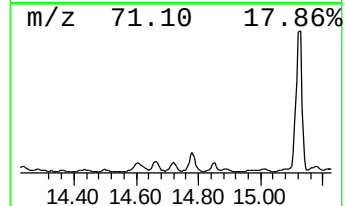
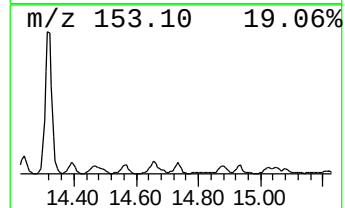
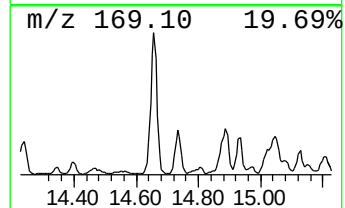
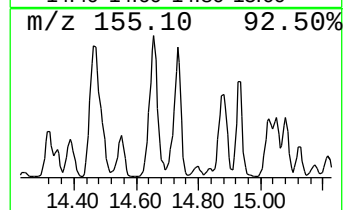
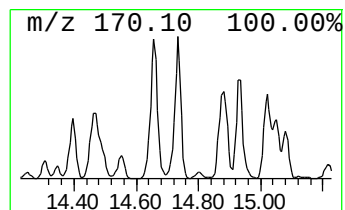
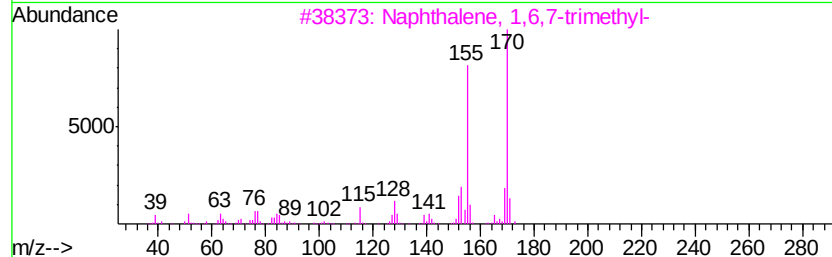
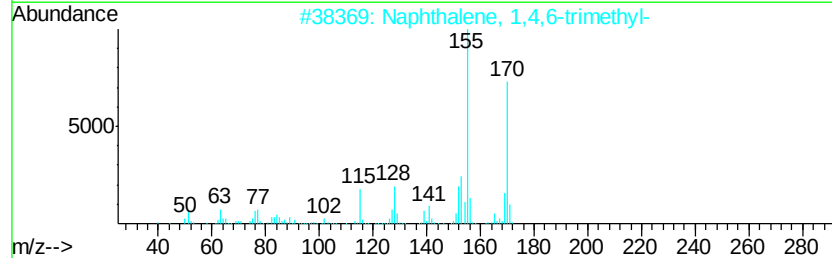
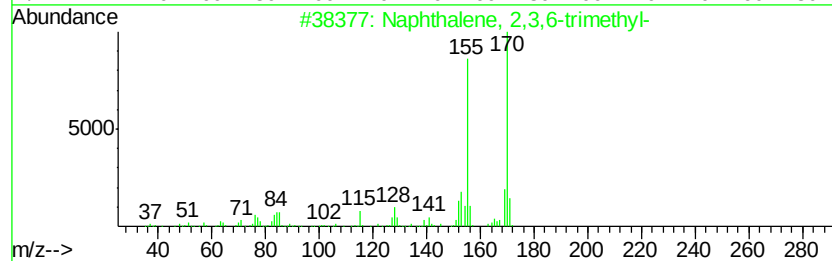
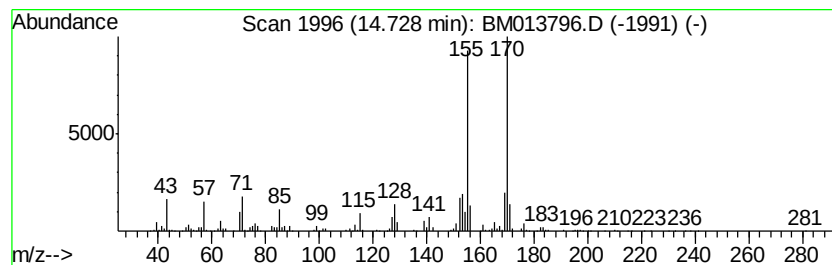
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Naphthalene, 2,3,6-trimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.81 ng/ul	3776550	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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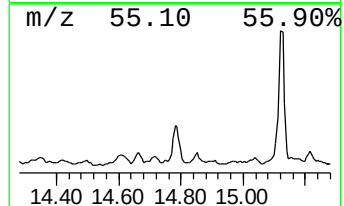
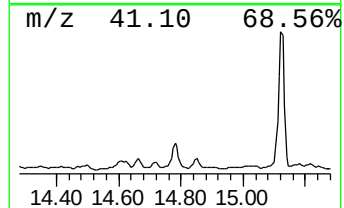
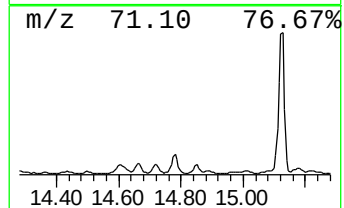
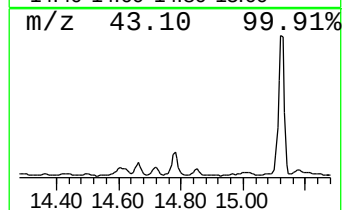
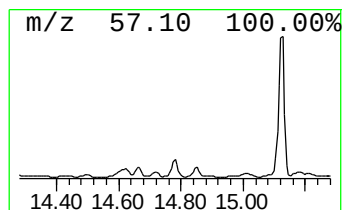
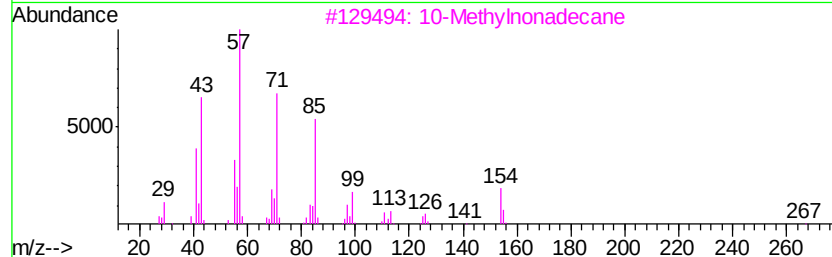
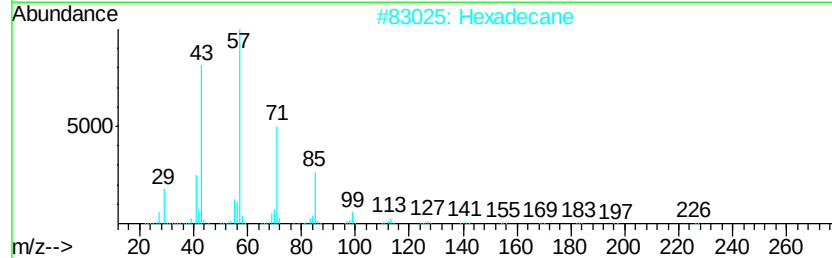
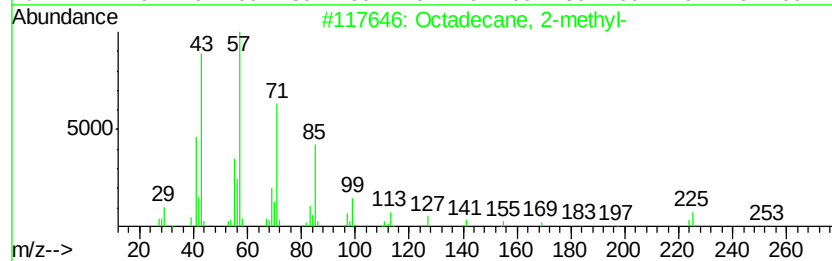
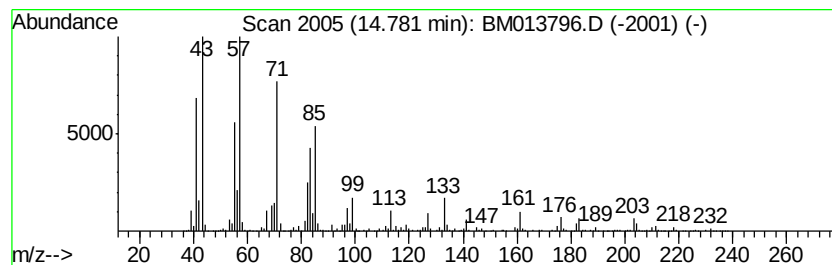
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	5.60 ng/ul	7522160	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	68
2			Hexadecane	226	C16H34	000544-76-3	64
3			10-Methylnonadecane	282	C20H42	056862-62-5	64
4			Heneicosane	296	C21H44	000629-94-7	62
5			Tetracosane	338	C24H50	000646-31-1	62



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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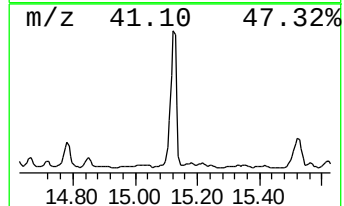
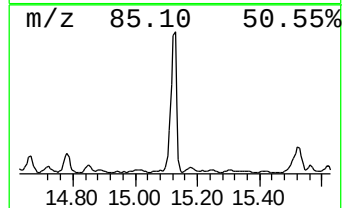
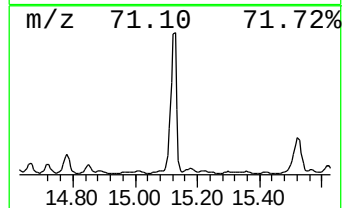
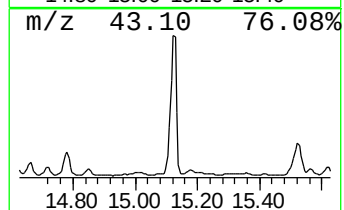
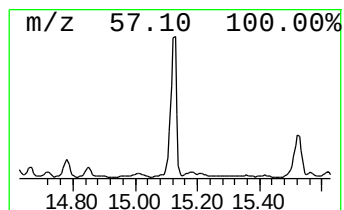
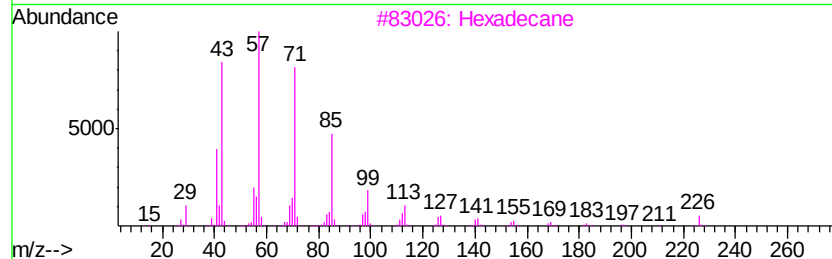
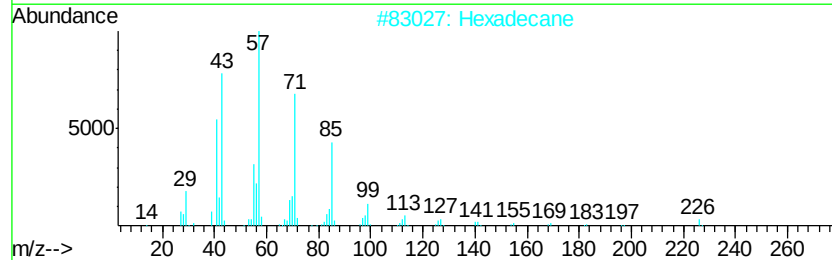
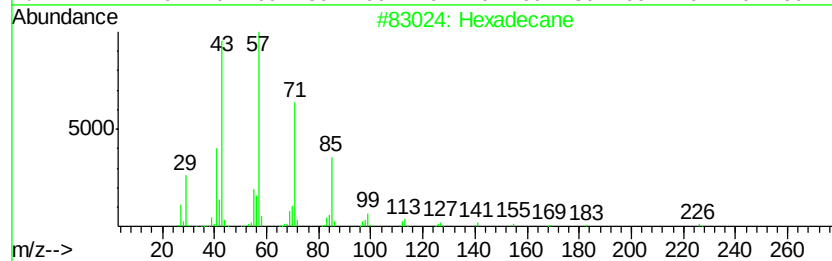
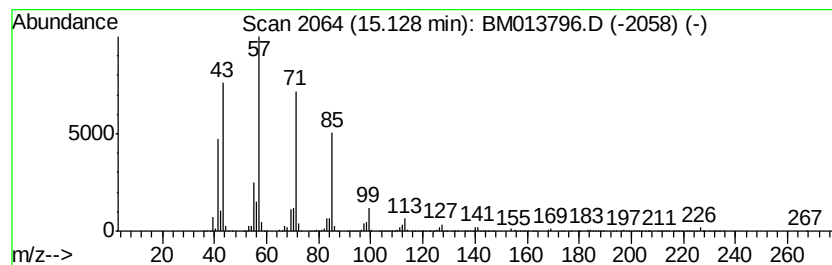
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	19.55 ng/ul	26245900	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	95
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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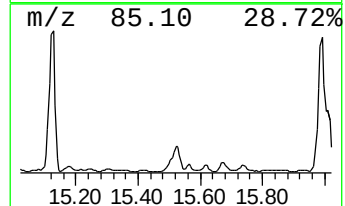
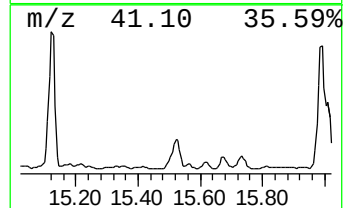
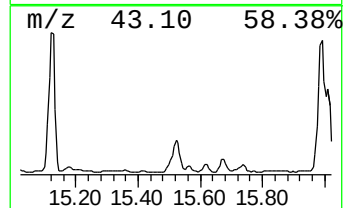
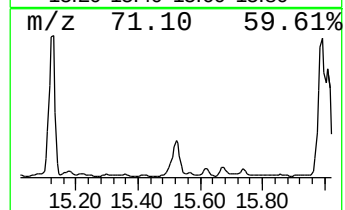
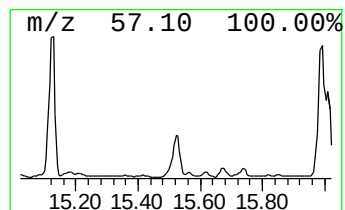
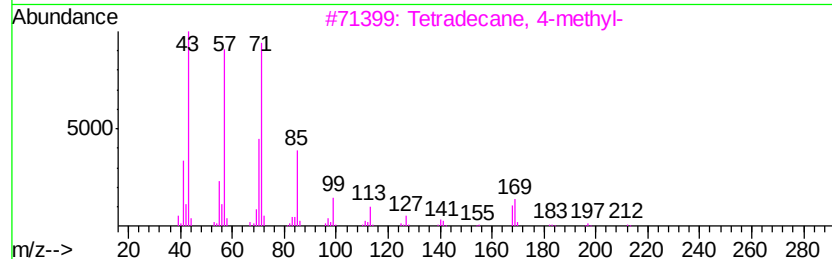
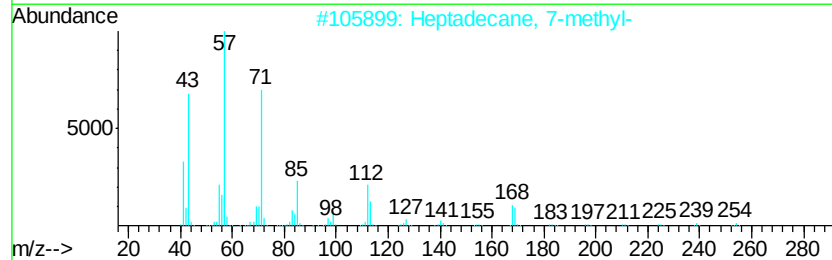
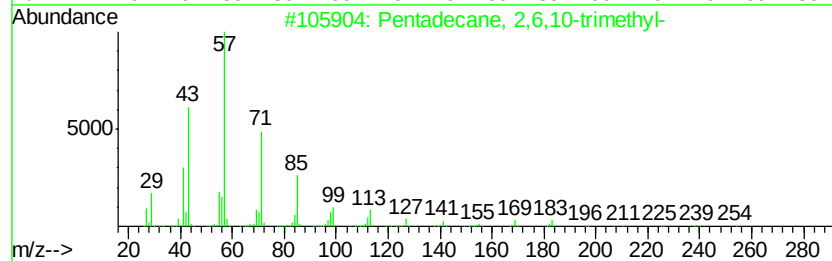
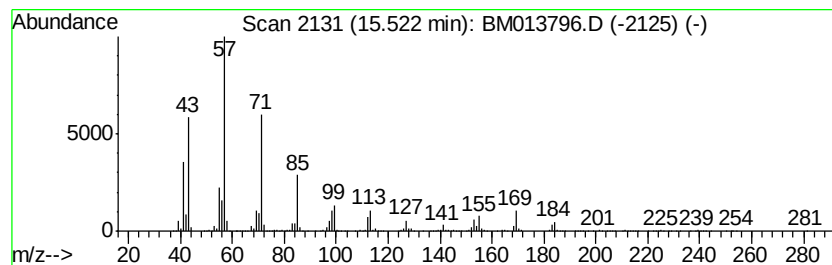
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.70 ng/ul	8989450	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	76
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

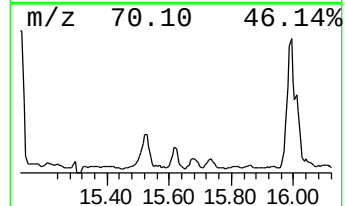
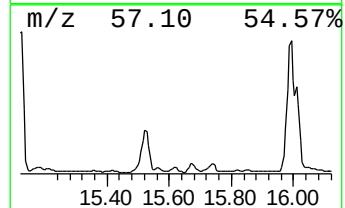
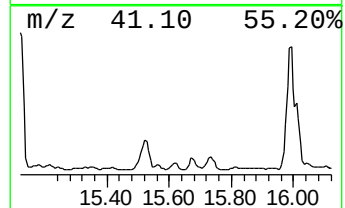
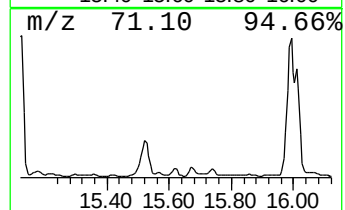
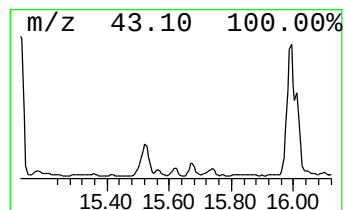
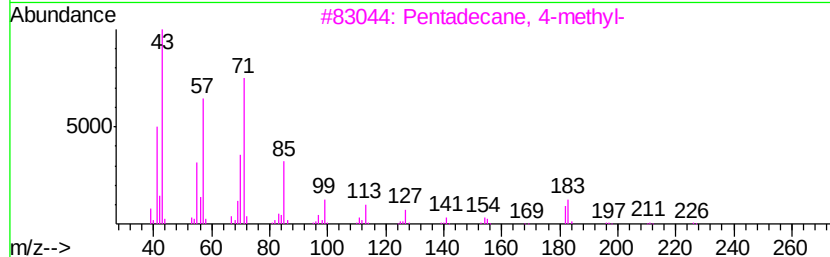
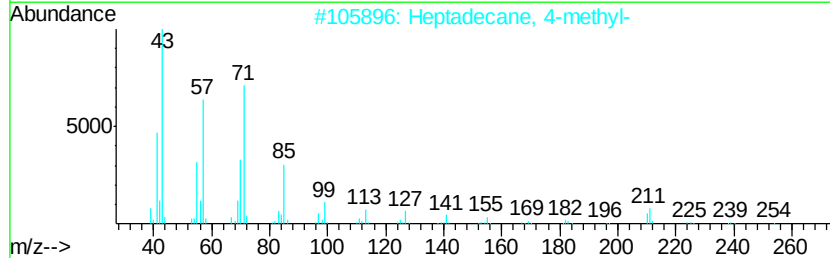
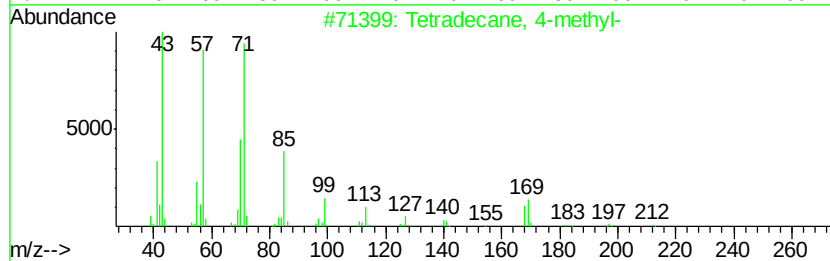
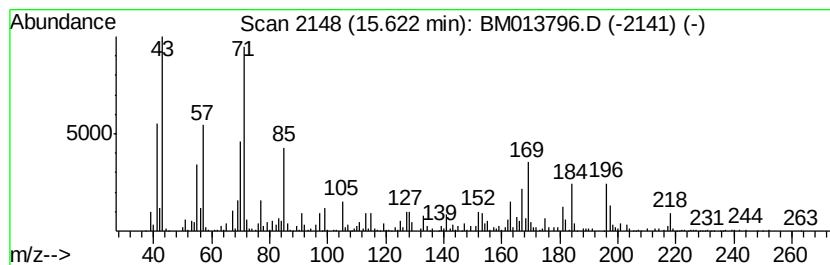
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.50 ng/ul	4694350	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	78
2			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	53
3			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	49
4			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	46
5			Octacosane	394	C28H58	000630-02-4	43



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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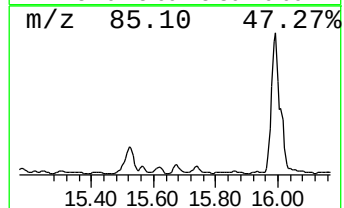
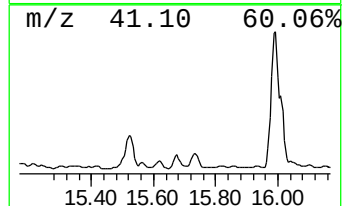
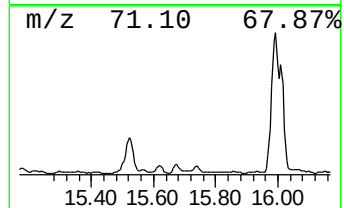
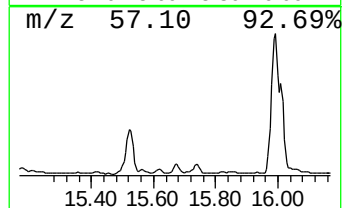
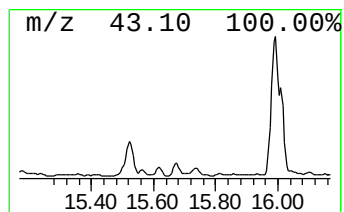
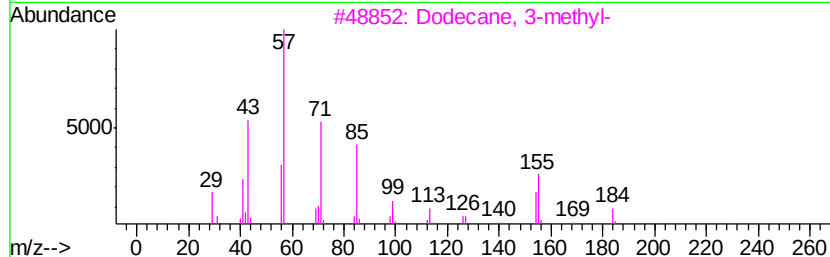
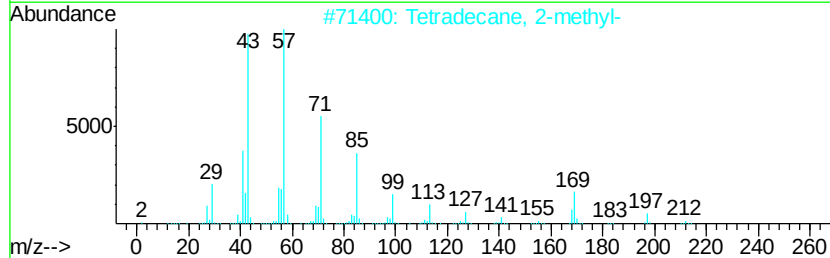
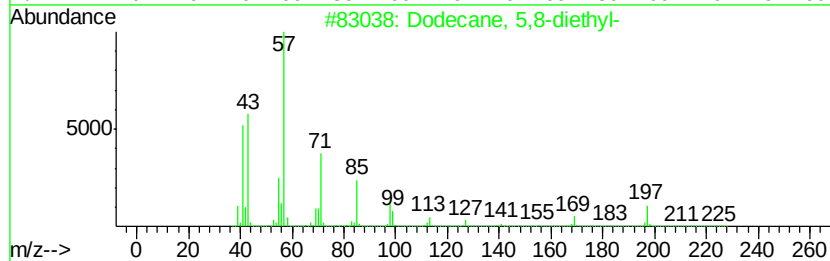
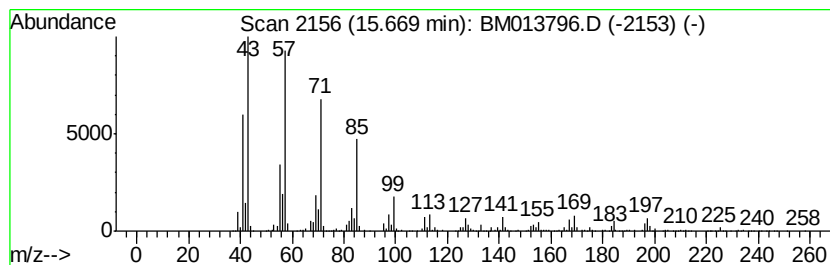
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	19.81 ng/ul	3341930	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	81
2			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	68
4			Pentacosane	352	C25H52	000629-99-2	68
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	68



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

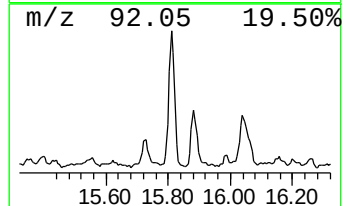
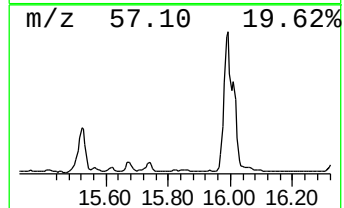
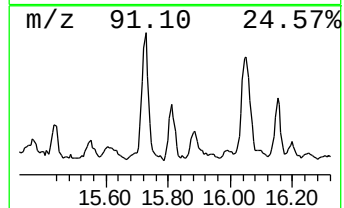
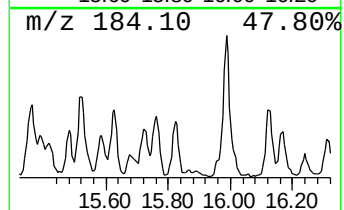
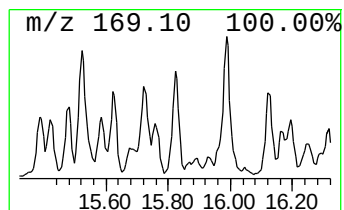
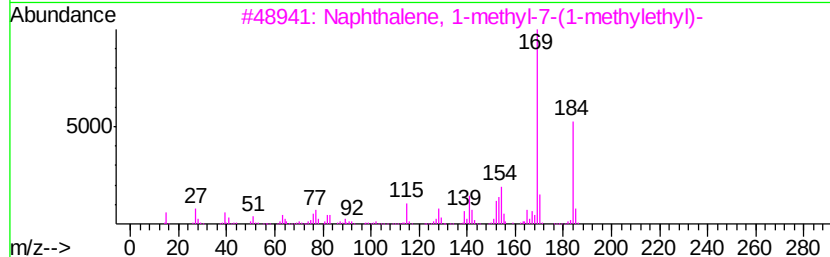
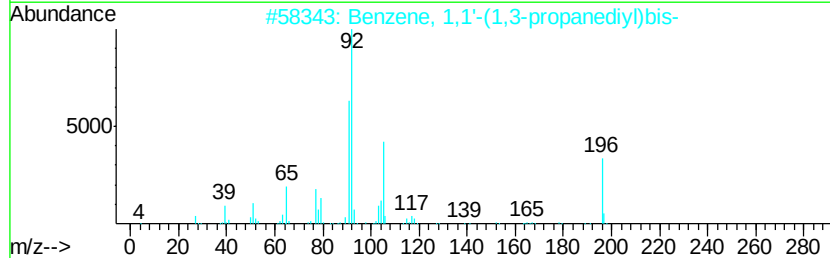
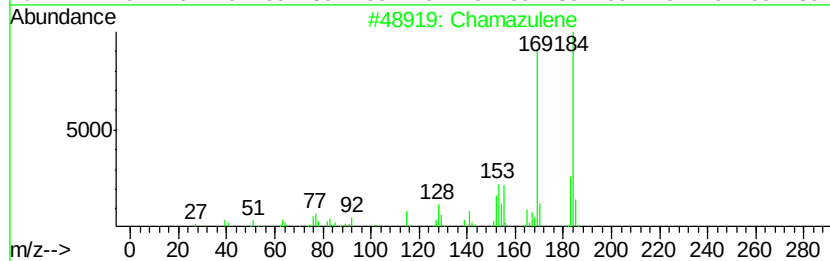
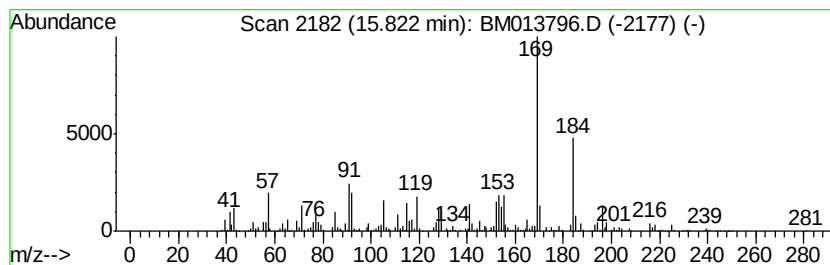
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Chamazulene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	15.40 ng/ul	2597860	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Chamazulene	184	C14H16	000529-05-5 50
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0 47
3	Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3 42
4	Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3 41
5	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0 38



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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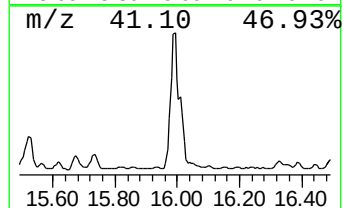
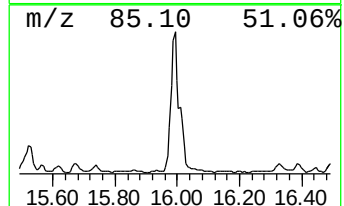
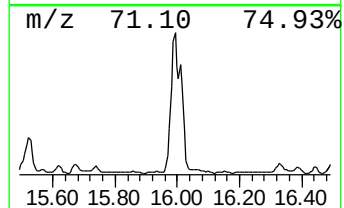
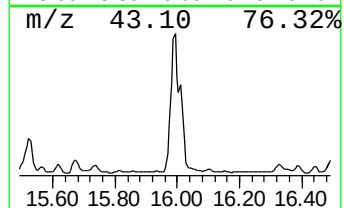
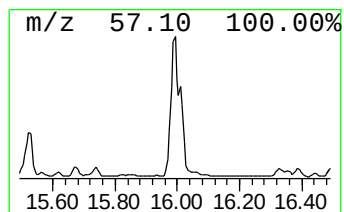
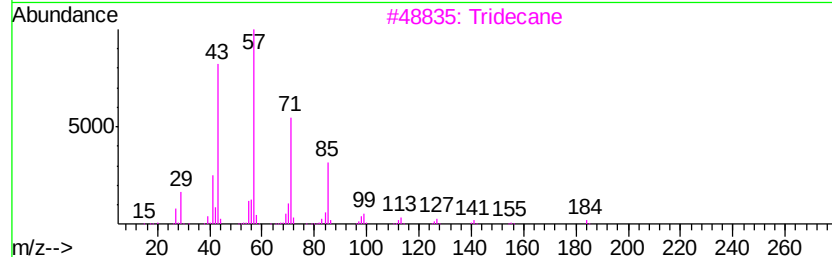
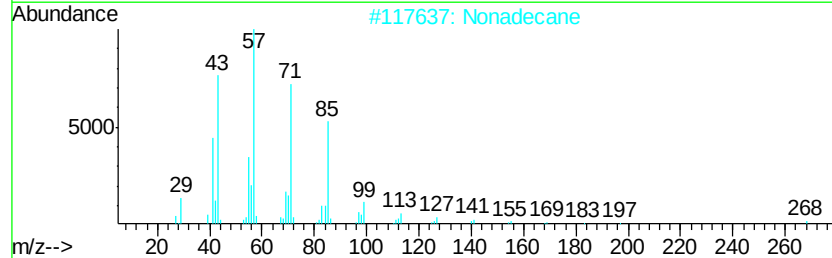
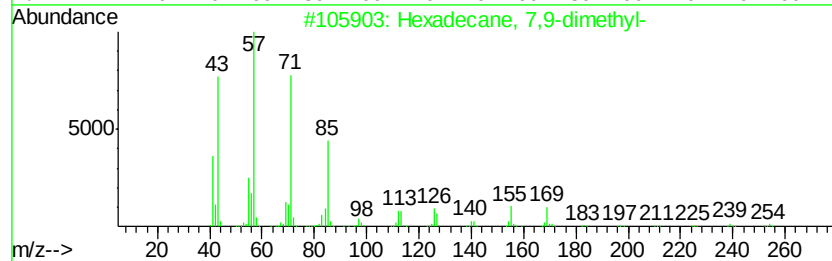
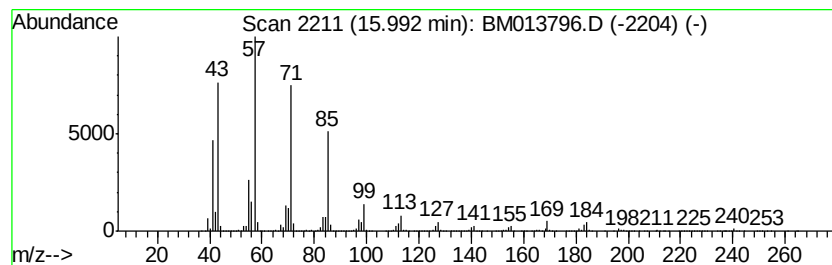
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	250.03 ng/ul	42181800	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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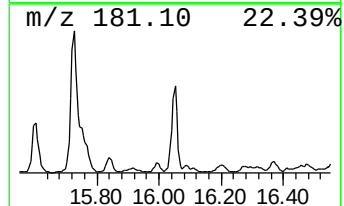
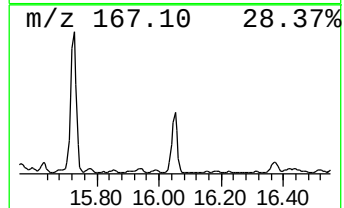
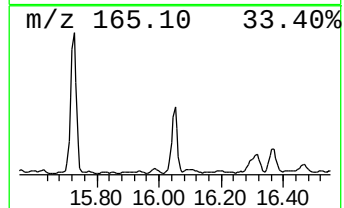
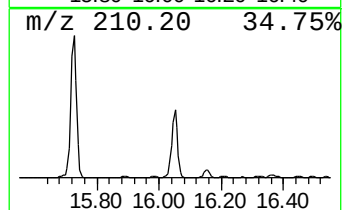
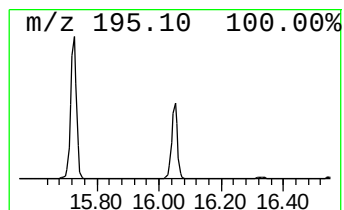
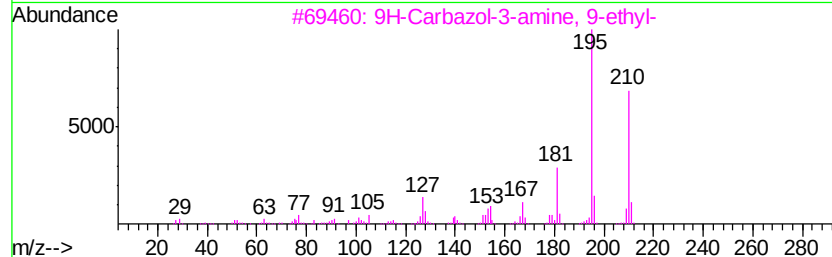
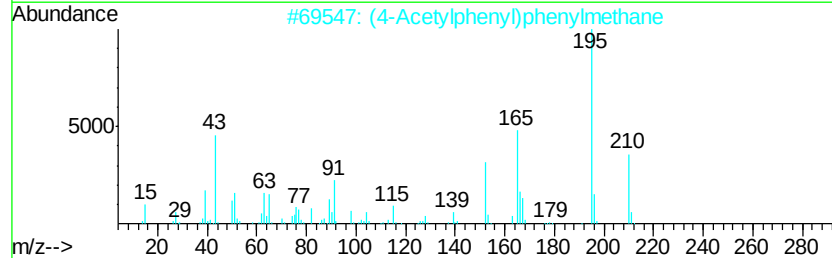
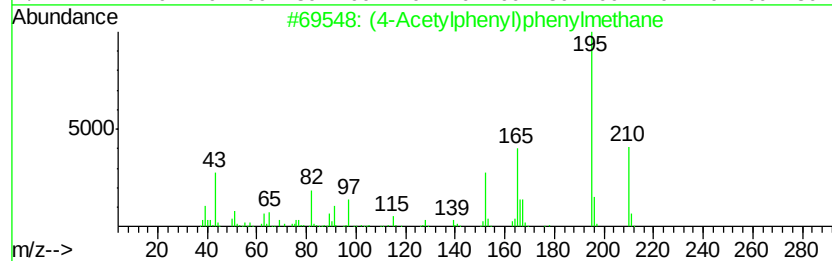
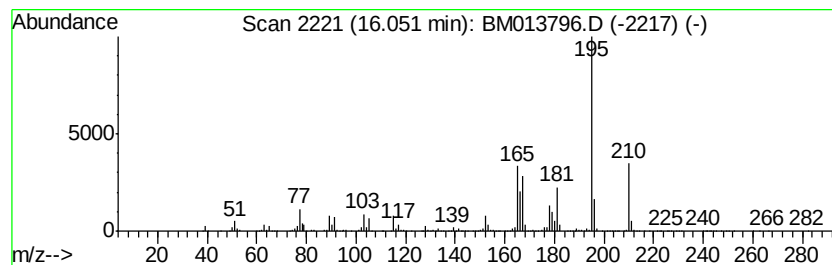
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (4-Acetylphenyl)phenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	65.02 ng/ul	10970000	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
2		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4		2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47
5		4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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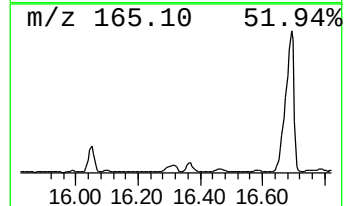
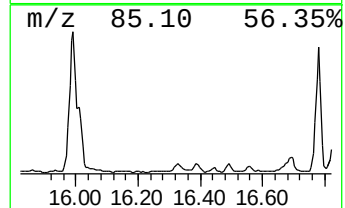
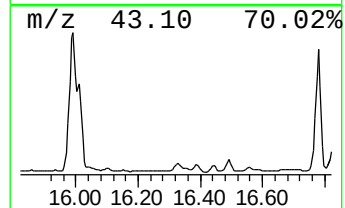
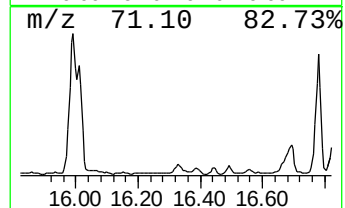
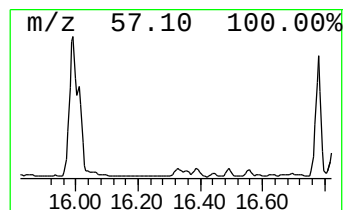
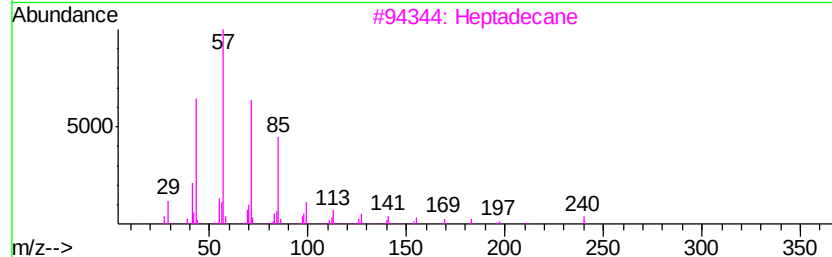
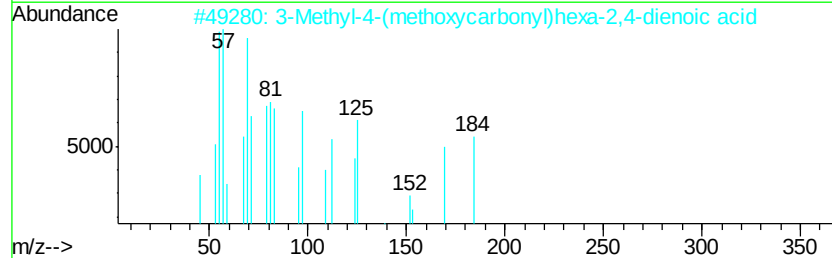
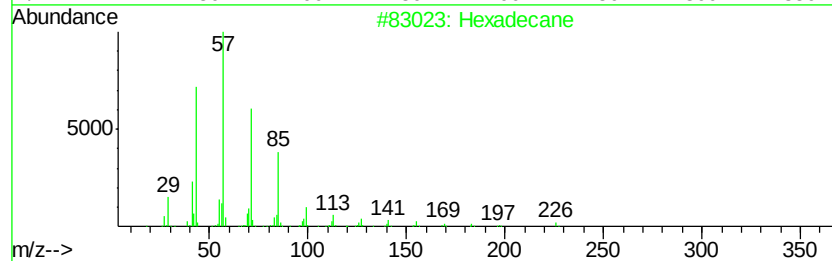
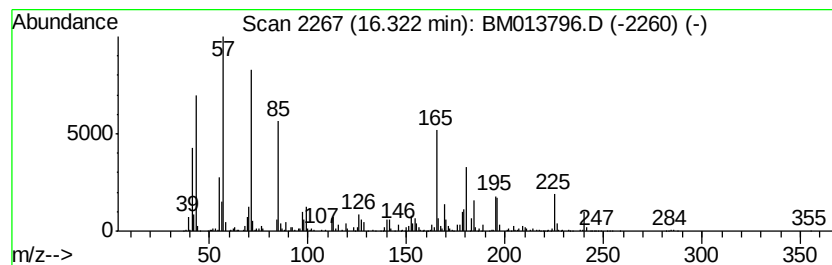
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	16.45 ng/ul	2774950	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	78
3		Heptadecane	240	C17H36	000629-78-7	72
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	70
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
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Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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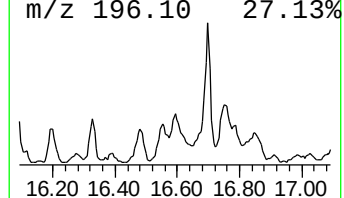
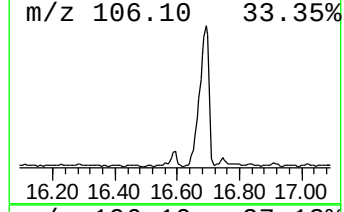
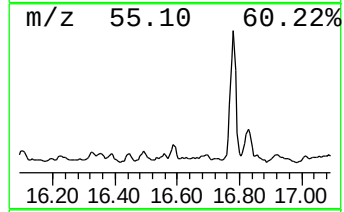
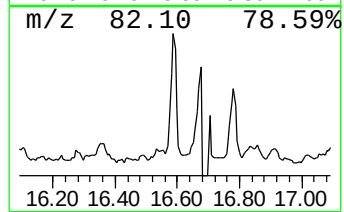
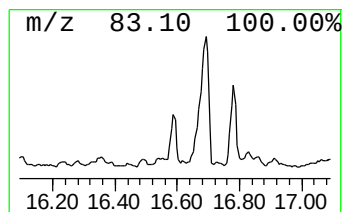
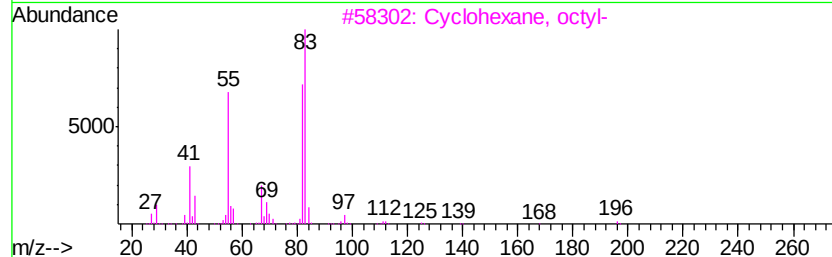
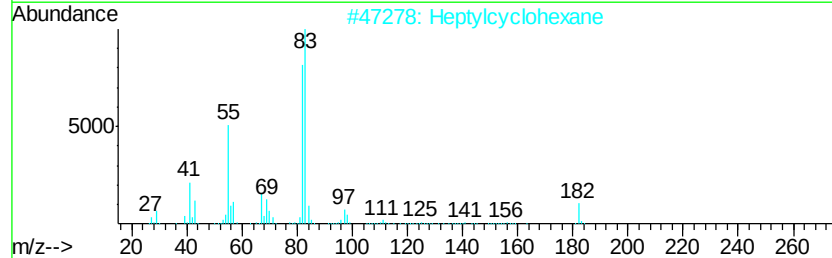
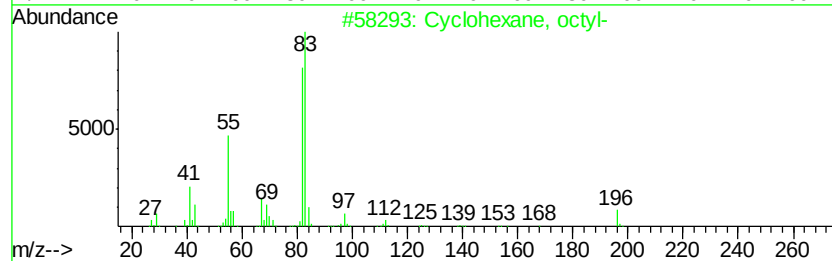
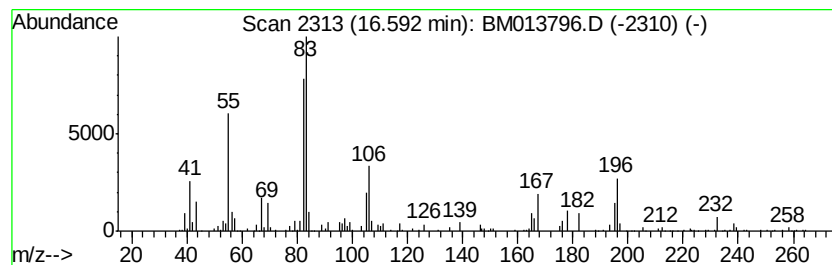
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Cyclic16.59 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	7.83 ng/ul	1320300	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	70
2		Heptylcyclohexane	182	C13H26	005617-41-4	70
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	70
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	52
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	52



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

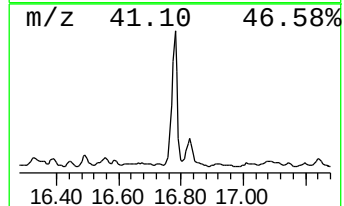
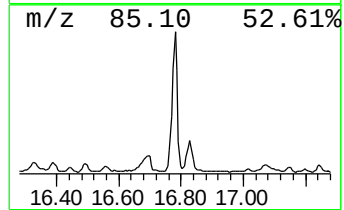
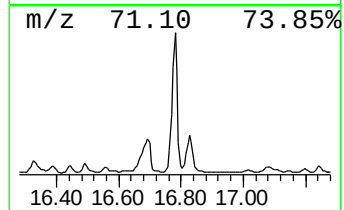
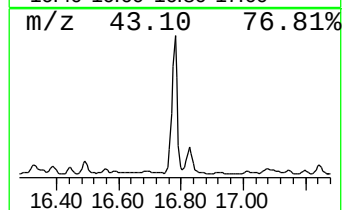
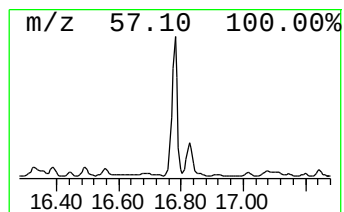
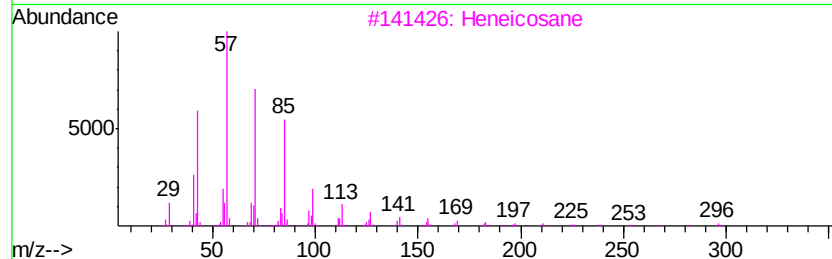
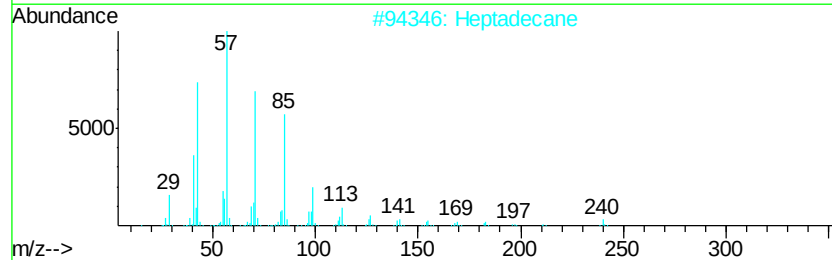
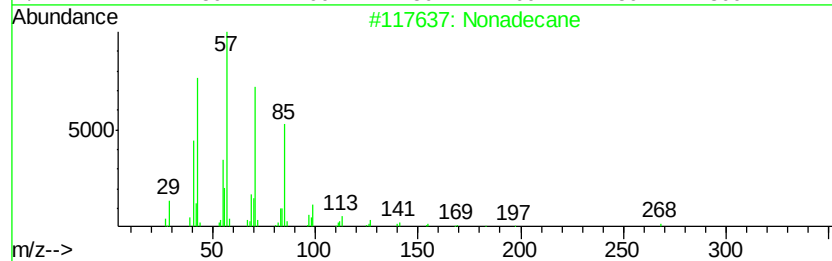
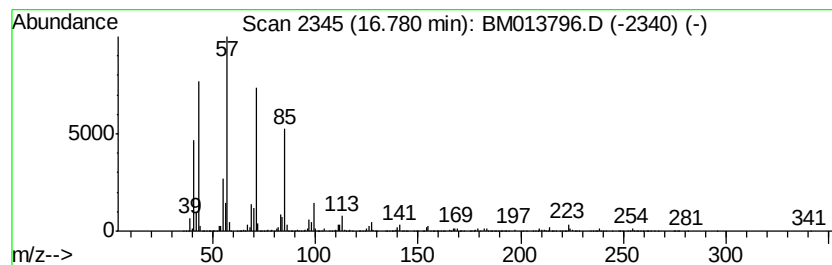
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	127.19 ng/ul	21457400	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Pentadecane	212	C15H32	000629-62-9	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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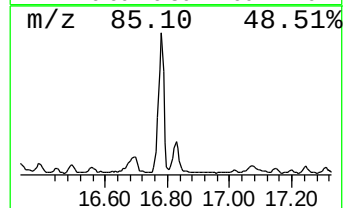
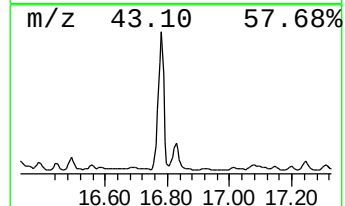
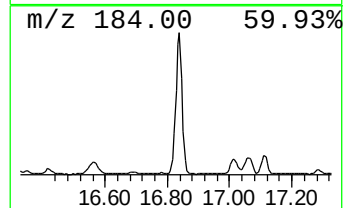
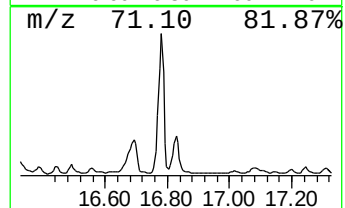
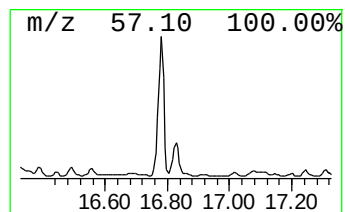
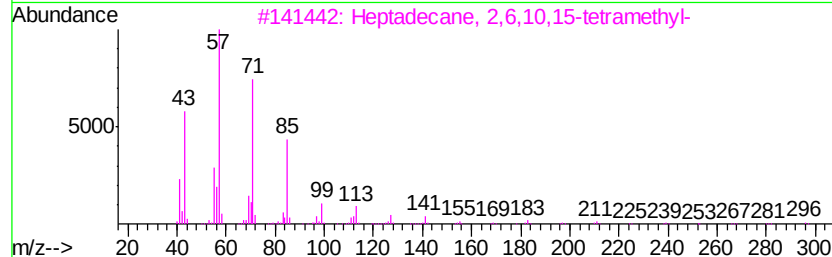
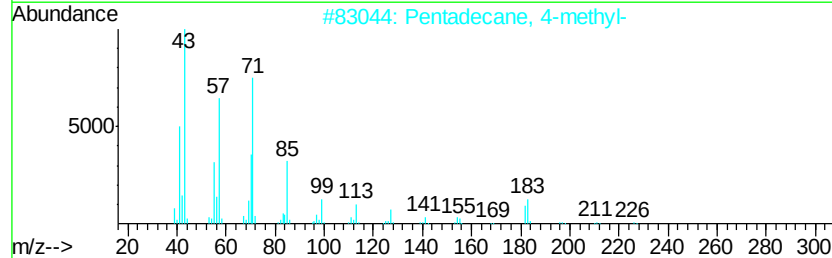
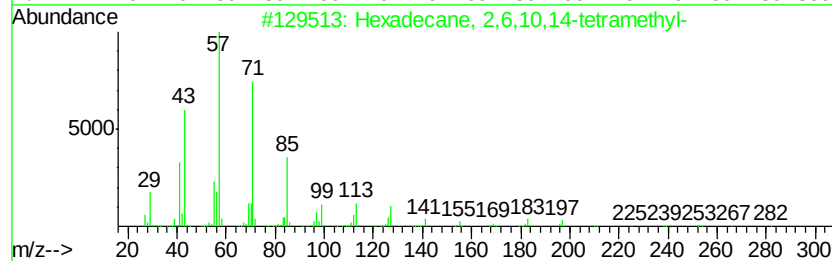
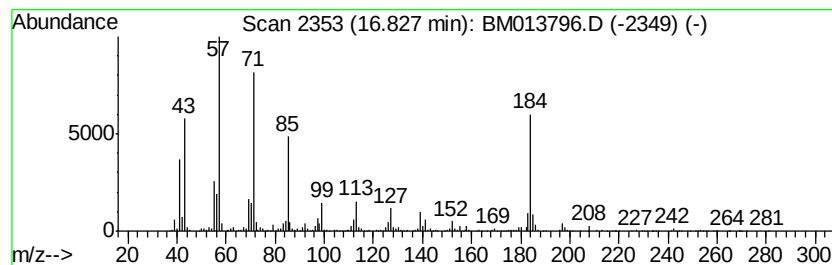
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	59.33 ng/ul	10009500	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
2			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4			Hexadecane	226	C16H34	000544-76-3	58
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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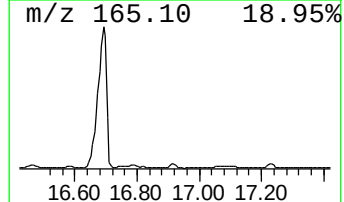
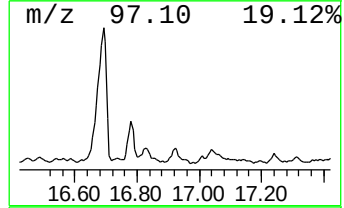
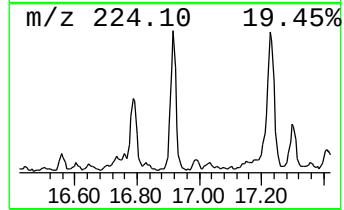
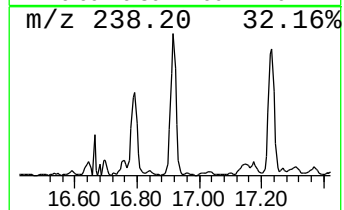
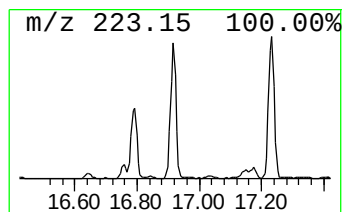
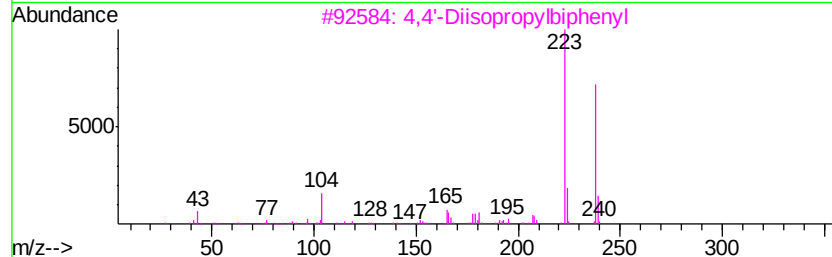
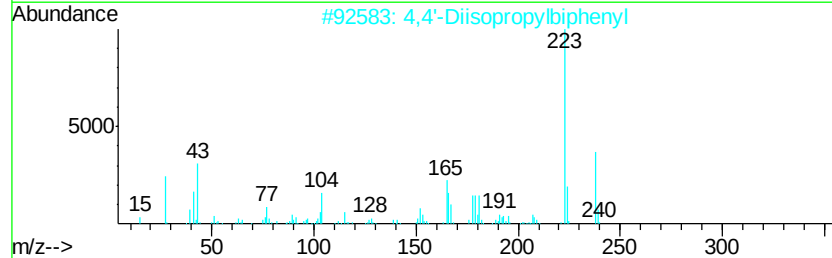
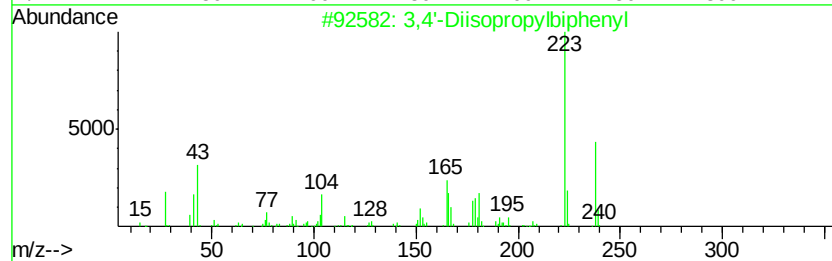
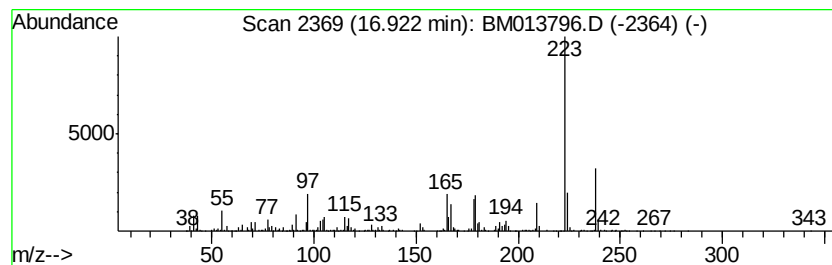
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 3,4'-Diisopropylbiphenyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	18.47 ng/ul	3116130	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	81
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	80
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	74
4		Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	68
5		Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	53



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Sample : J1222-08
Misc :
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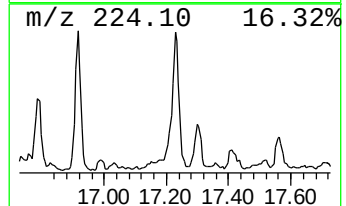
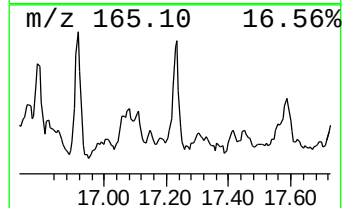
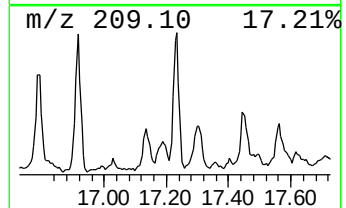
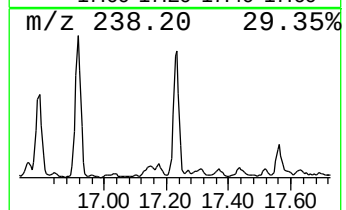
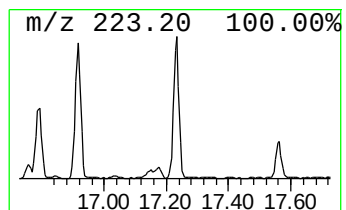
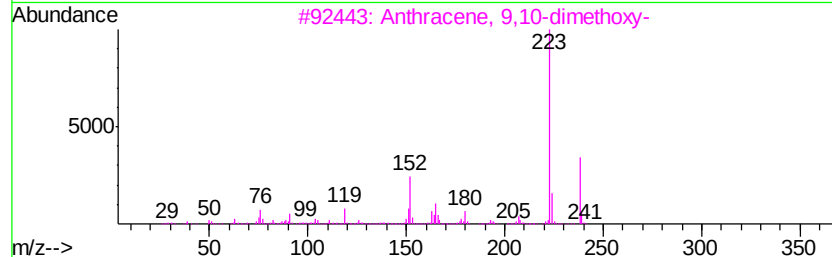
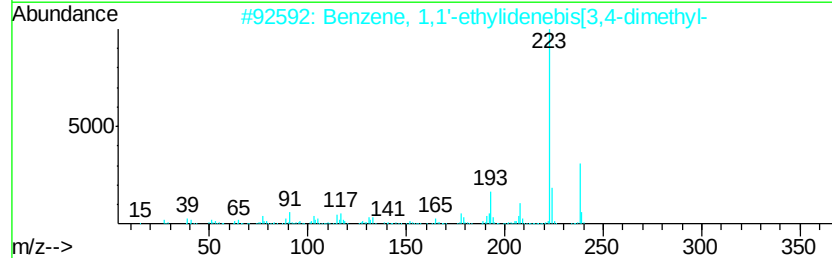
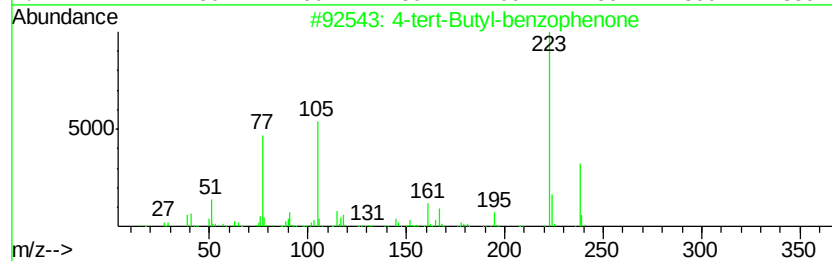
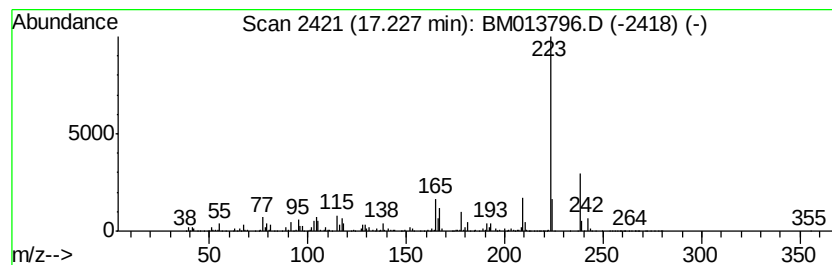
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 4-tert-Butyl-benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.23	27.58 ng/ul	4653760	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	72	
2	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	64	
3	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	64	
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	64	
5	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	64	



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
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Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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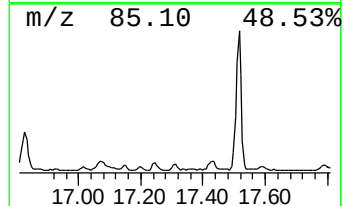
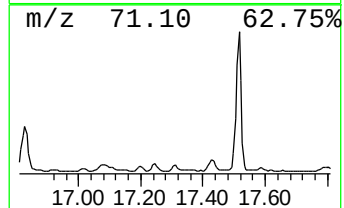
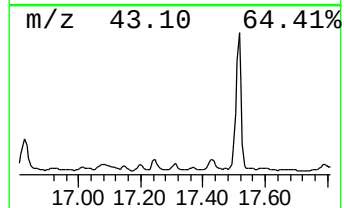
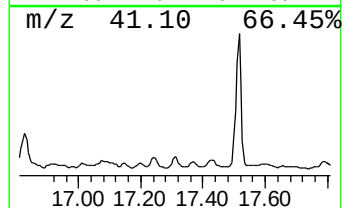
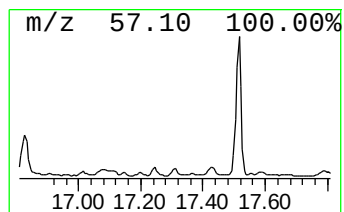
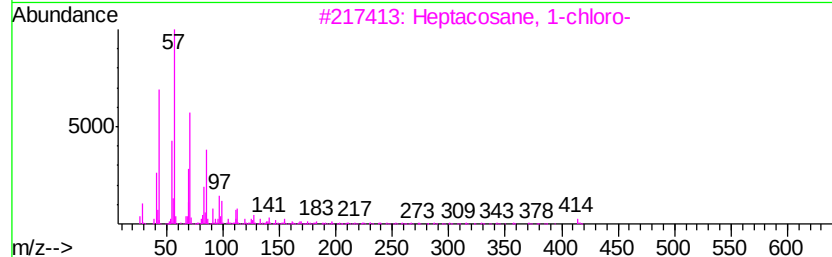
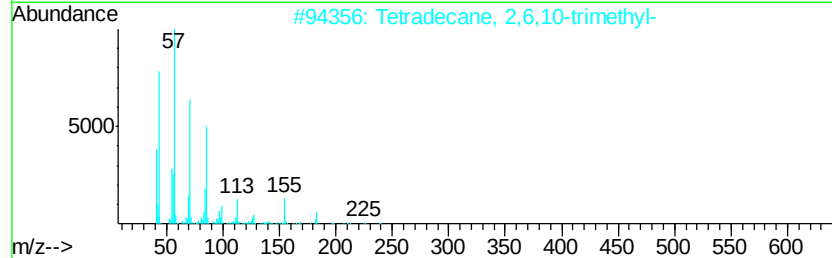
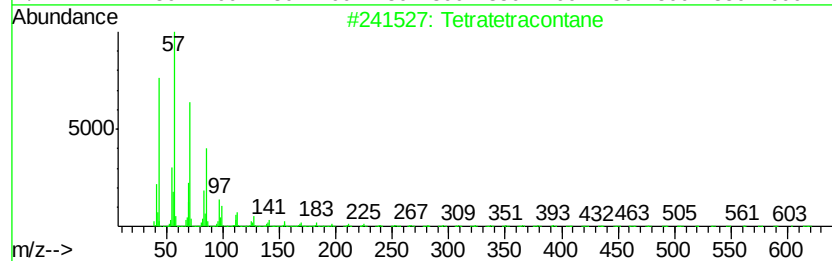
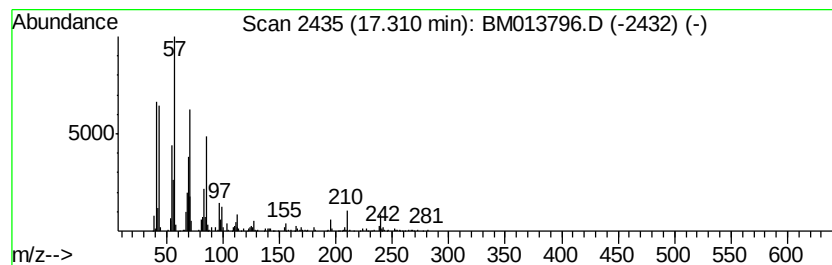
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Quant Title : SVOA CALIBRATION

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	8.28 ng/ul	1396610	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	72
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	60



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Sample : J1222-08
Misc :
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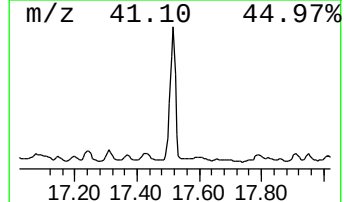
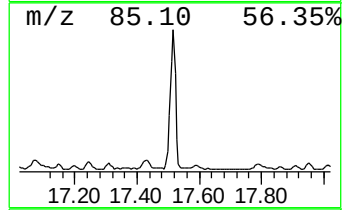
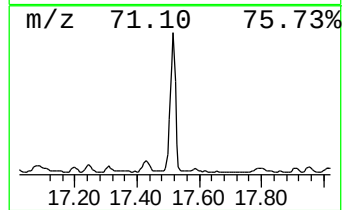
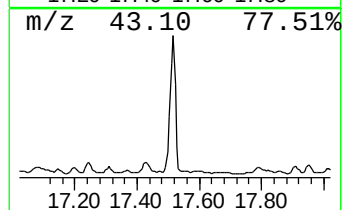
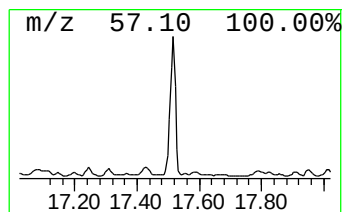
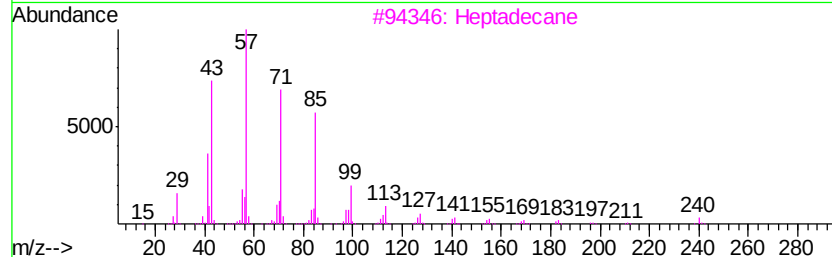
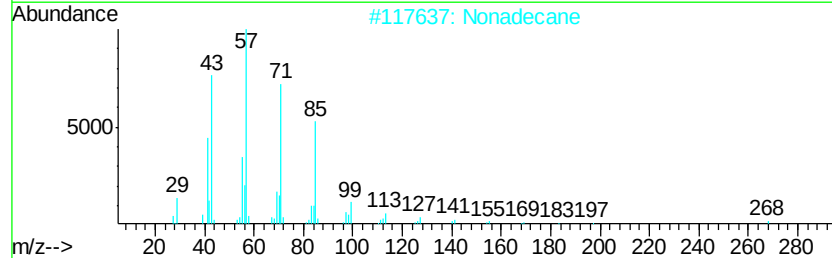
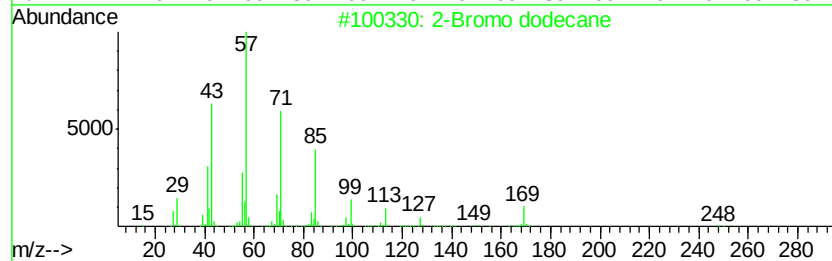
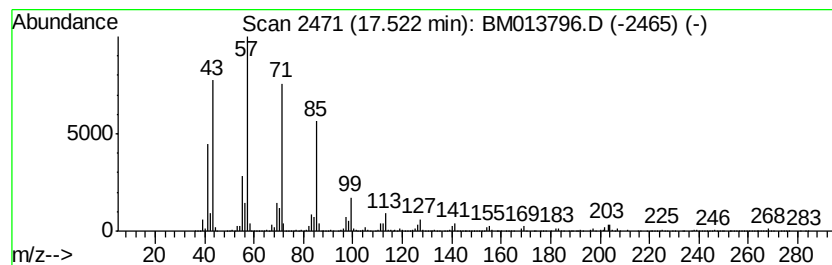
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 46 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.52	102.18 ng/ul	17239600	Phenanthrene-d10		17.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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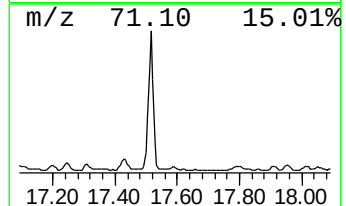
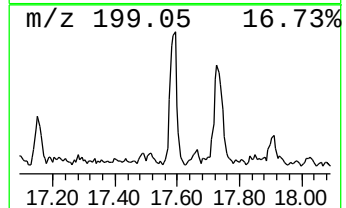
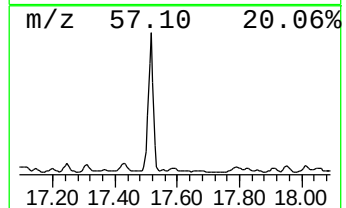
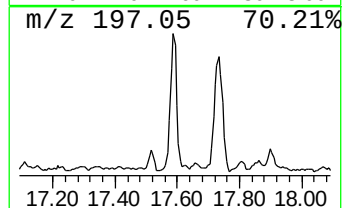
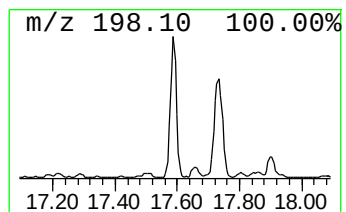
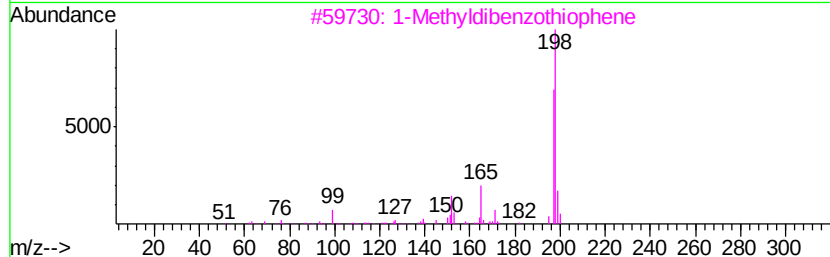
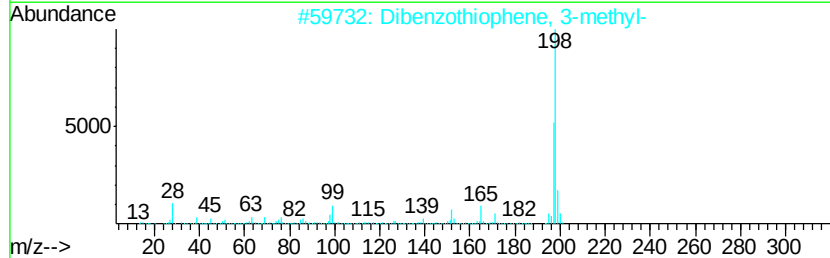
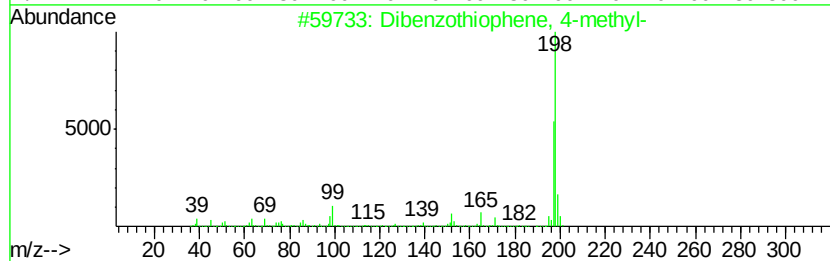
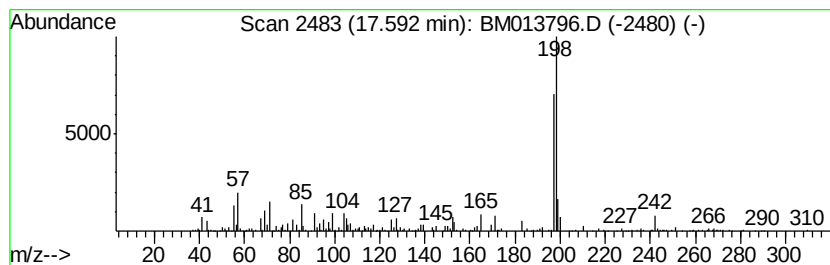
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 Dibenzothiophene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	13.91 ng/ul	2347120	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	80
3		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59
5		Tacrine	198	C13H14N2	000321-64-2	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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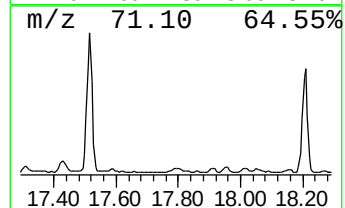
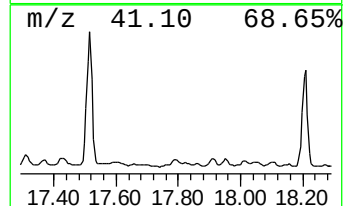
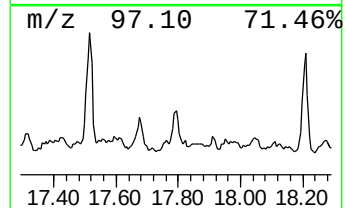
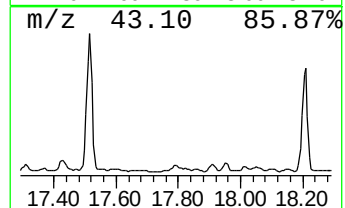
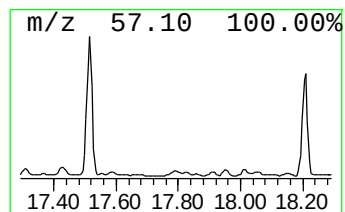
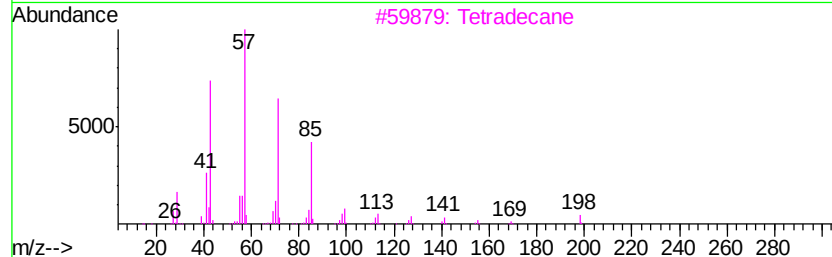
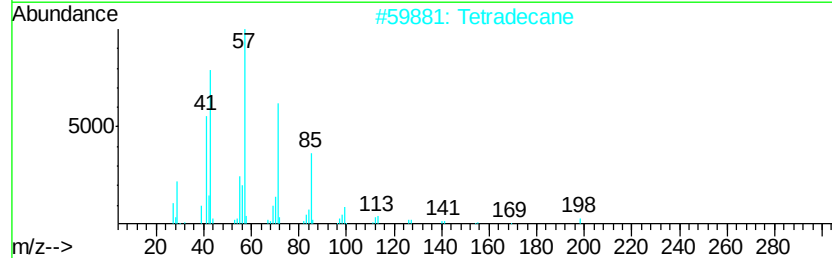
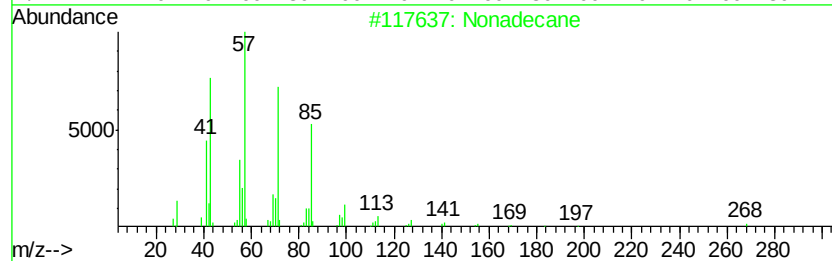
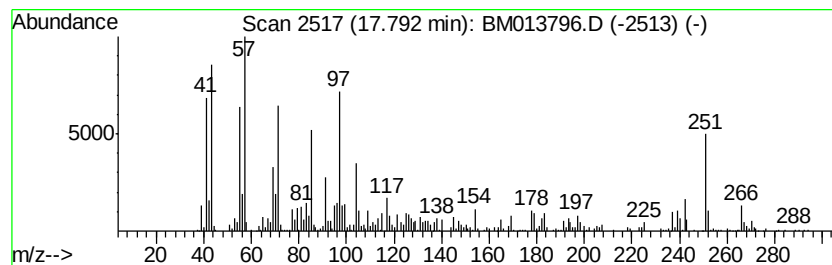
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	11.52 ng/ul	1943320	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Tetradecane	198	C14H30	000629-59-4	44
3		Tetradecane	198	C14H30	000629-59-4	38
4		Tetradecane	198	C14H30	000629-59-4	38
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 07:56
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Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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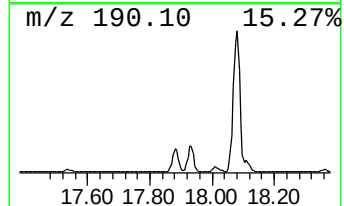
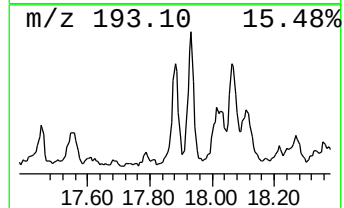
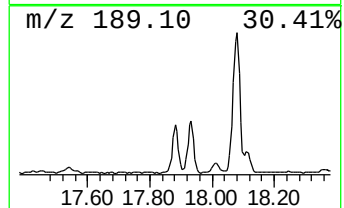
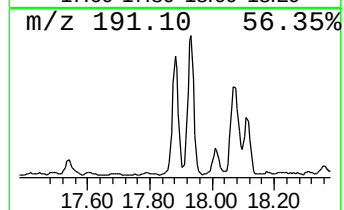
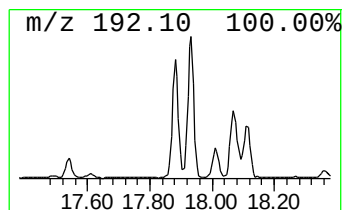
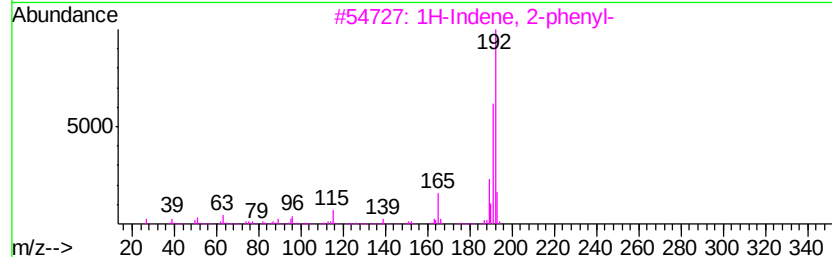
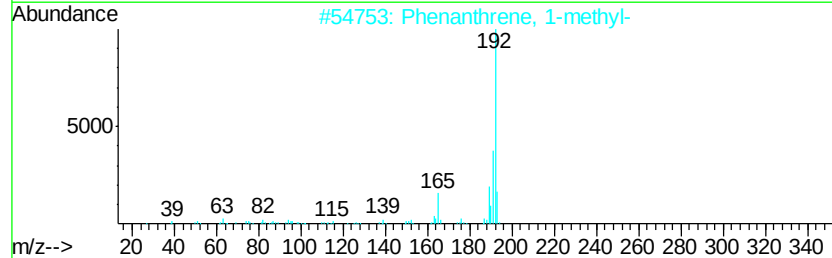
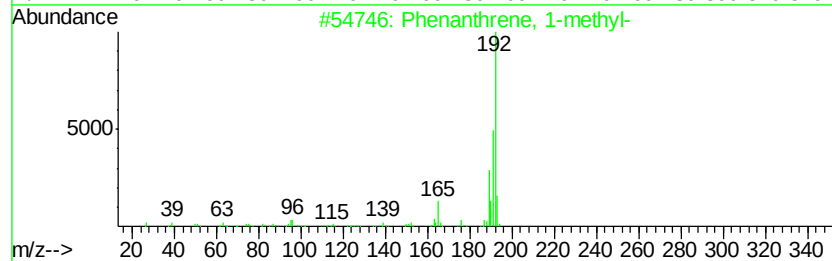
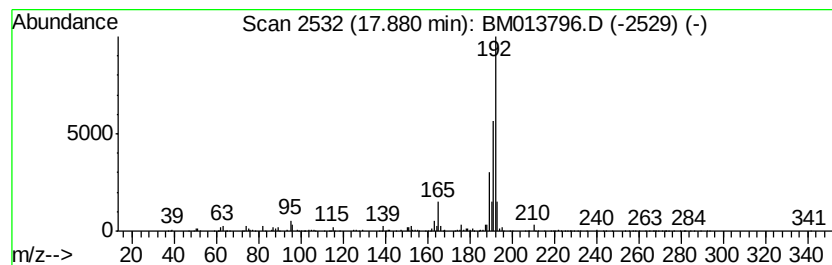
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 Phenanthrene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	8.11 ng/ul	1368800	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5			1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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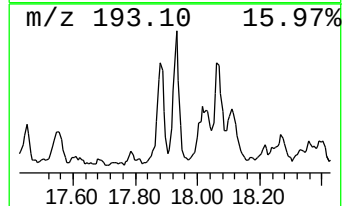
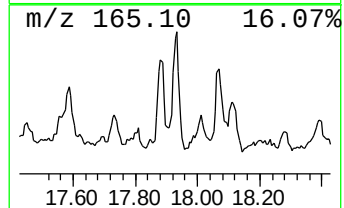
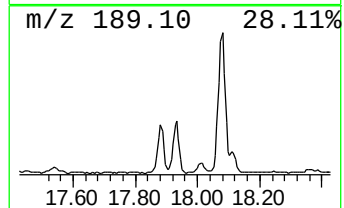
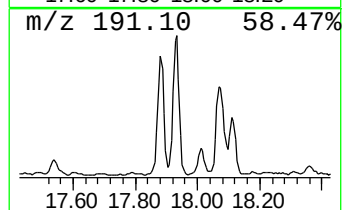
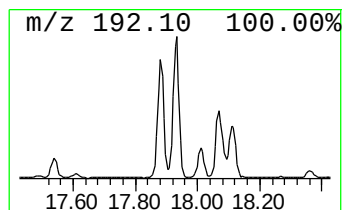
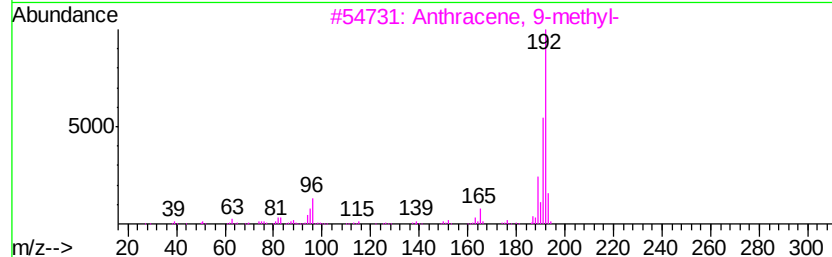
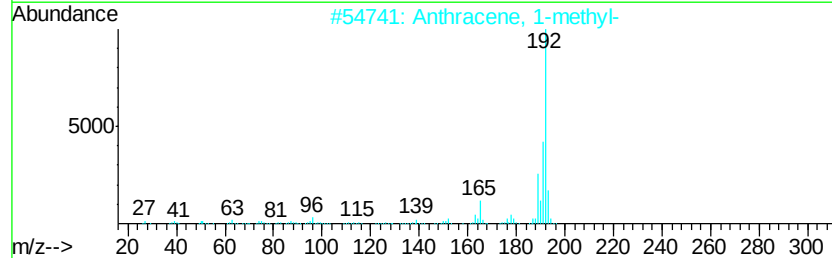
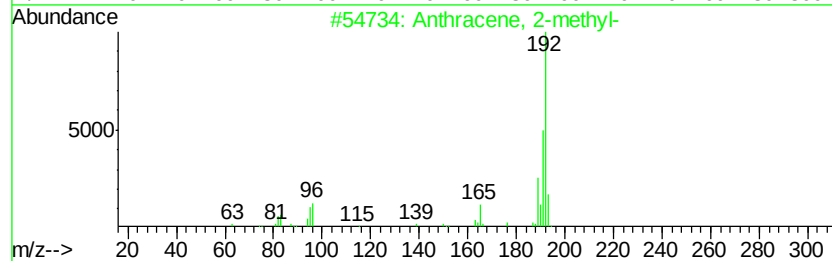
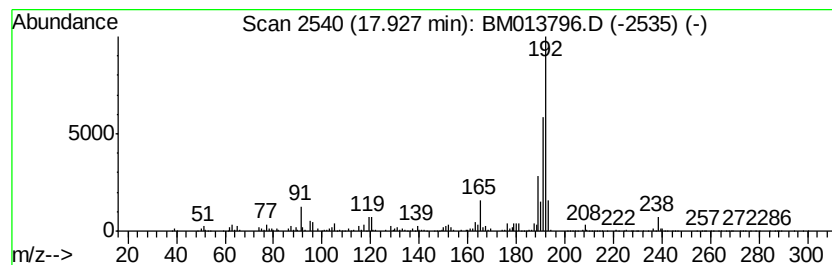
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	27.94 ng/ul	4714060	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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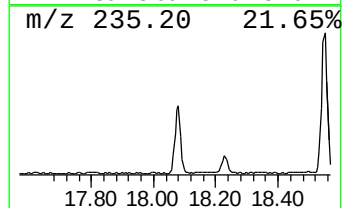
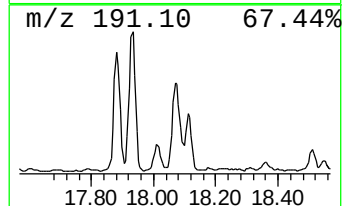
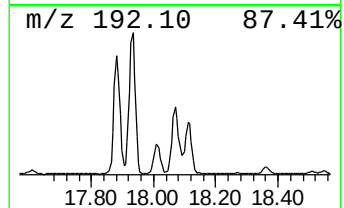
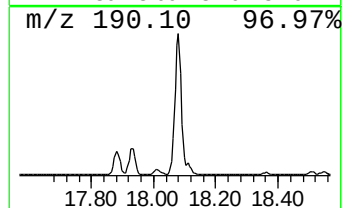
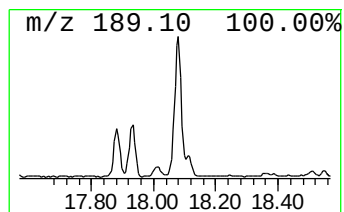
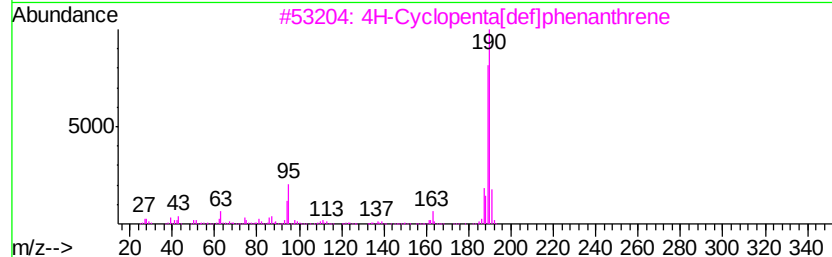
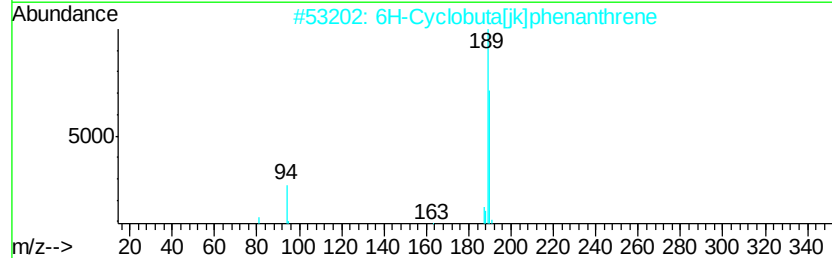
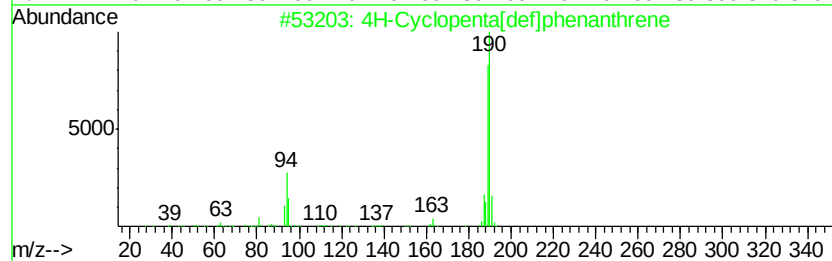
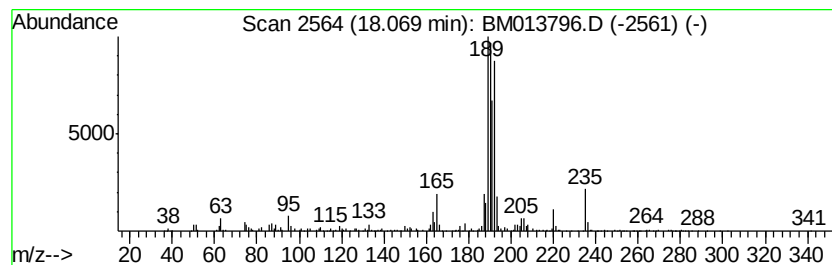
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Quant Title : SVOA CALIBRATION

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

Peak Number 51 4H-Cyclopenta[def]phenanthrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	16.14 ng/ul	2723760	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		6H-Cyclobuta[i]k]phenanthrene	190	C15H10	083469-43-6	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

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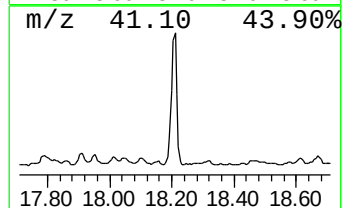
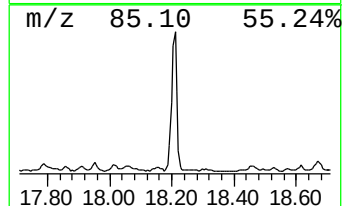
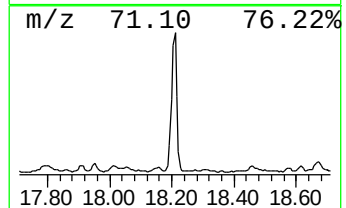
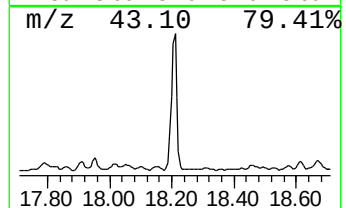
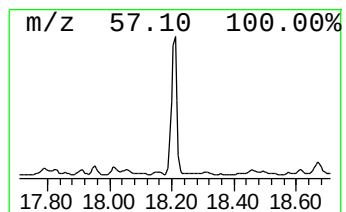
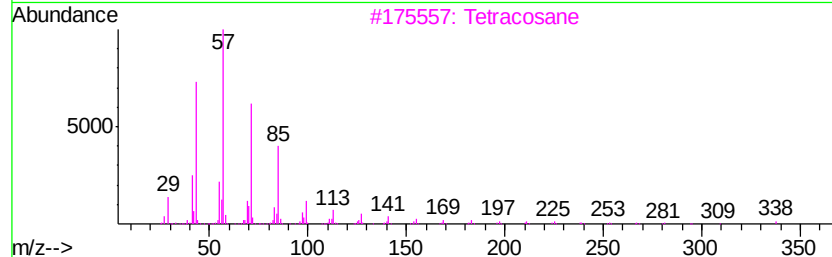
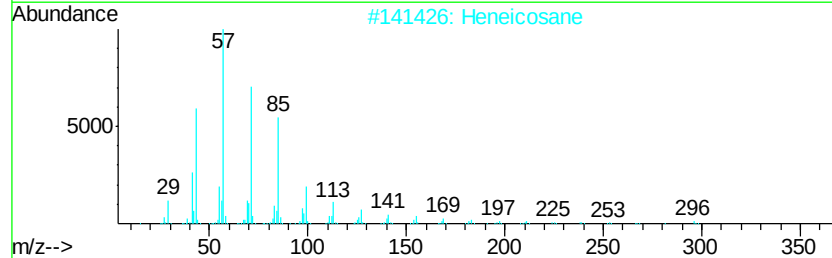
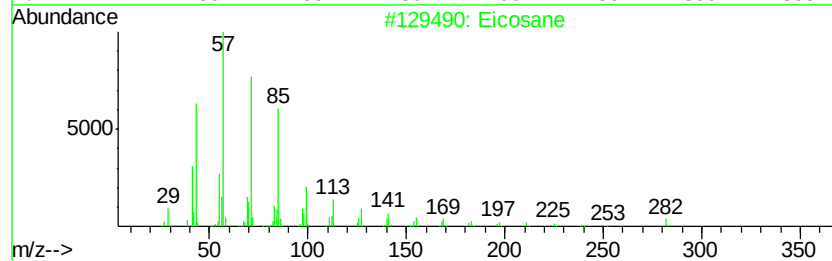
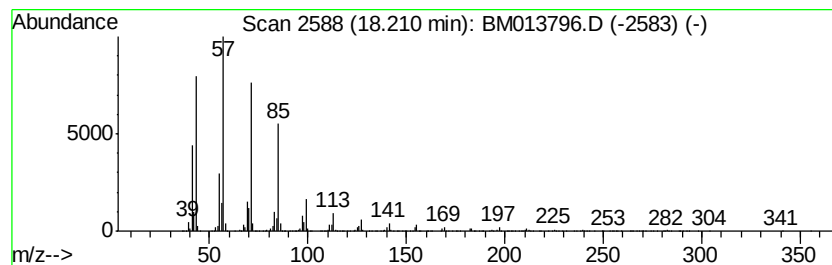
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Quant Title : SVOA CALIBRATION

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

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	78.63 ng/ul	13266400	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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Acq On : 25 Jan 2018 07:56
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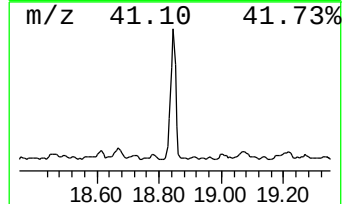
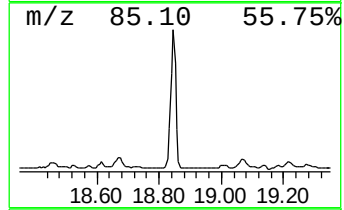
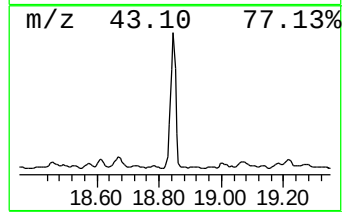
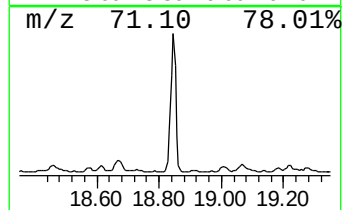
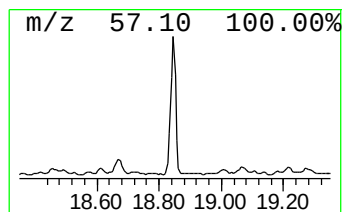
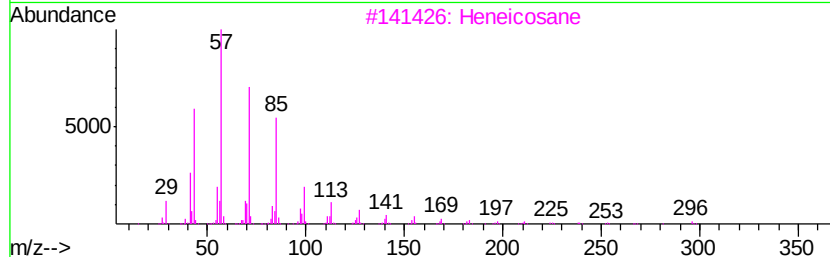
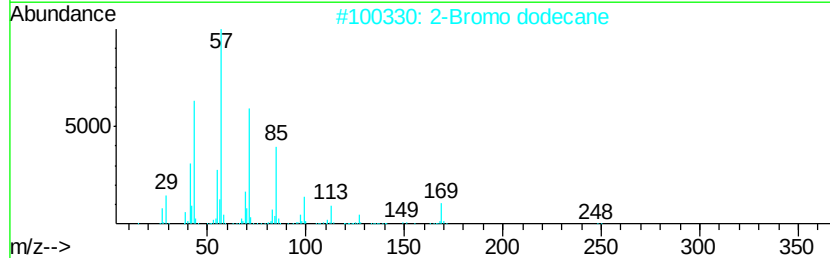
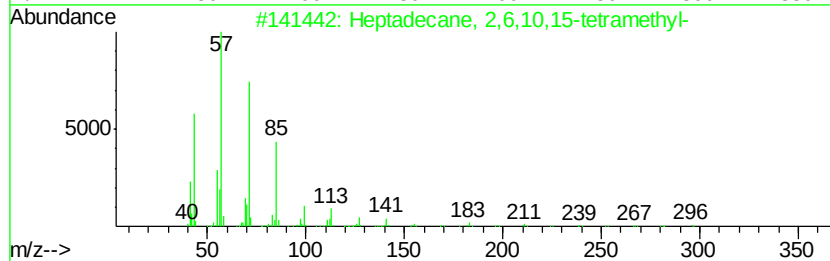
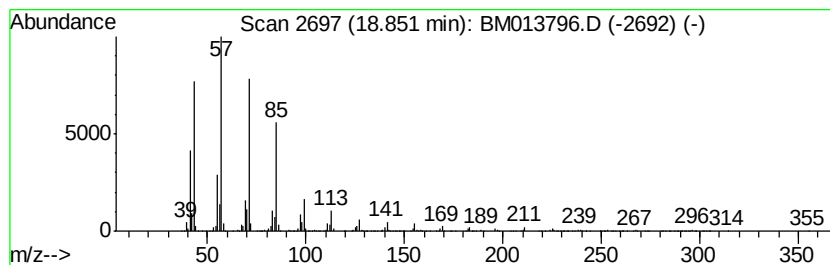
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	67.58 ng/ul	11402200	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

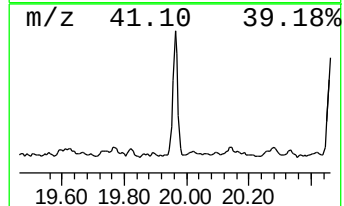
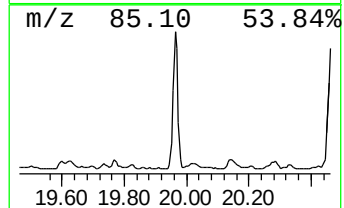
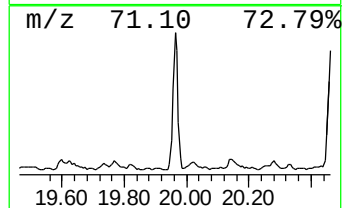
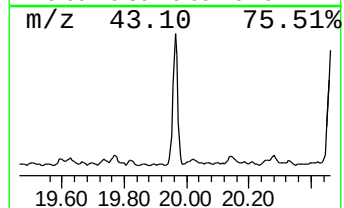
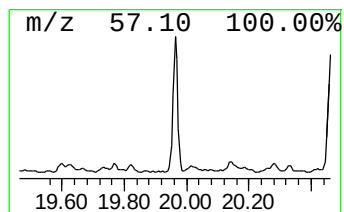
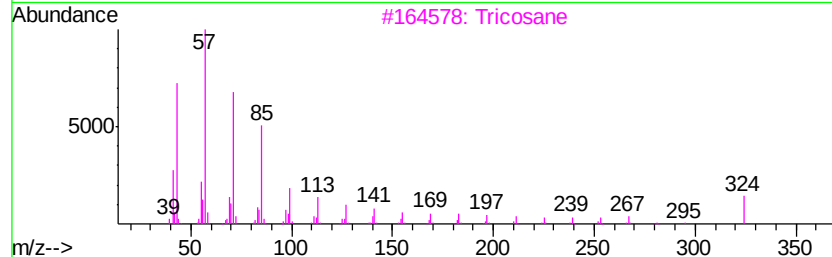
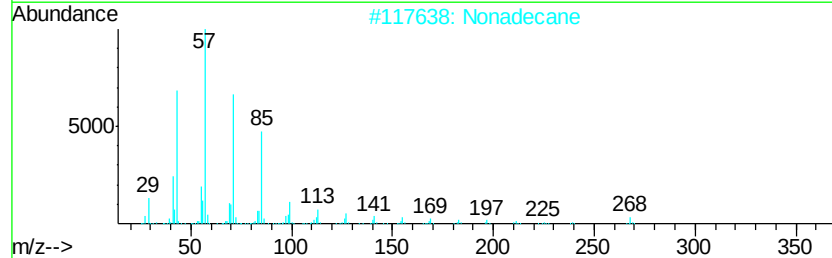
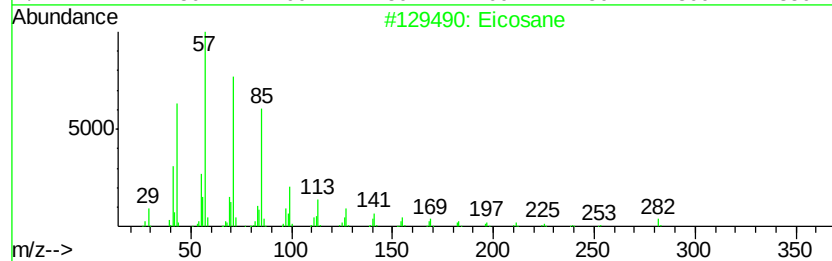
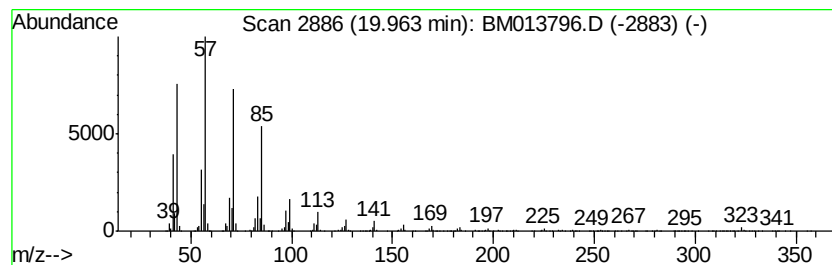
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	42.82 ng/ul	7545270	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Nonadecane	268	C19H40	000629-92-5	94
3		Tricosane	324	C23H48	000638-67-5	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

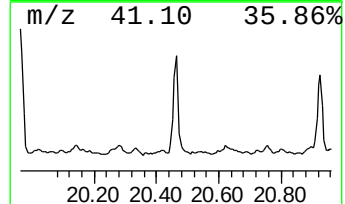
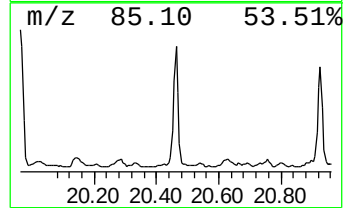
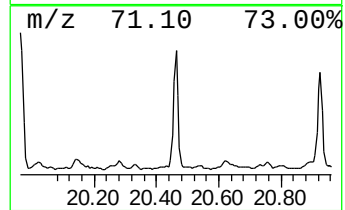
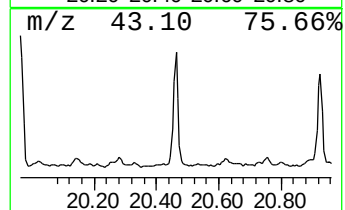
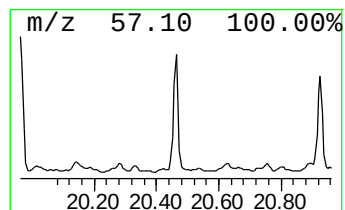
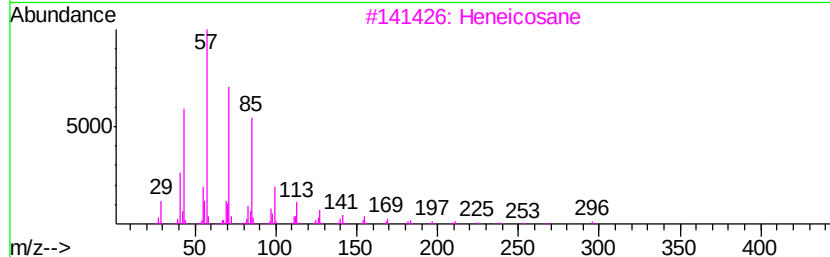
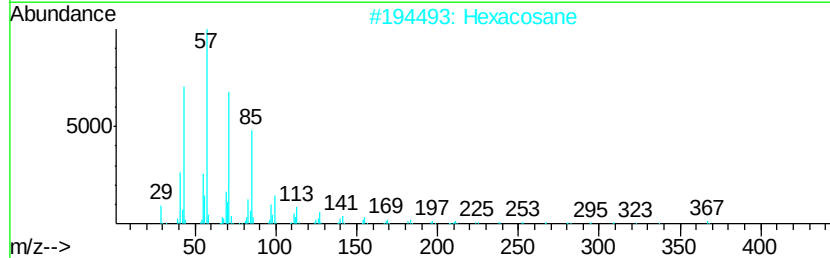
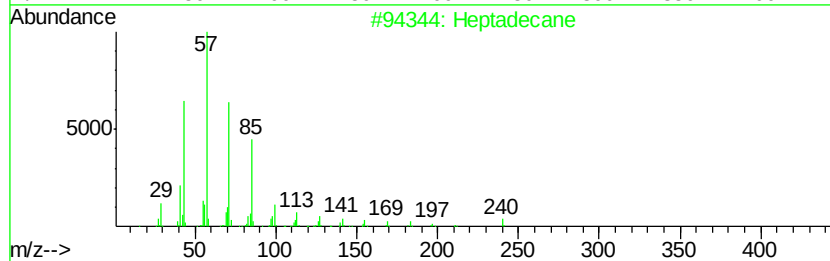
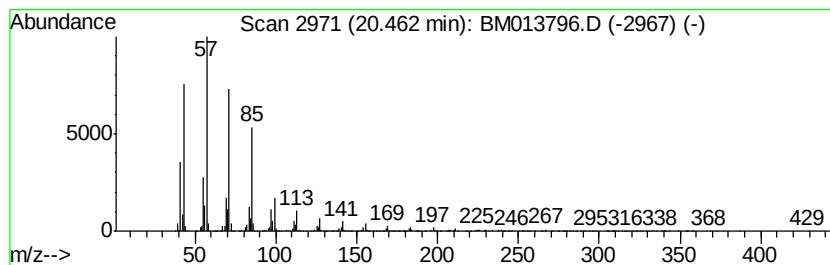
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	33.68 ng/ul	5935420	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexacosane	366	C26H54	000630-01-3	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

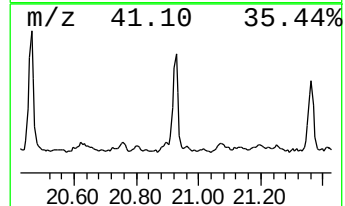
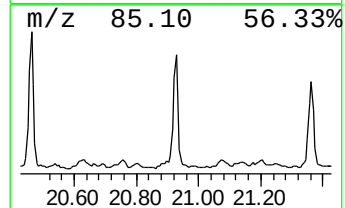
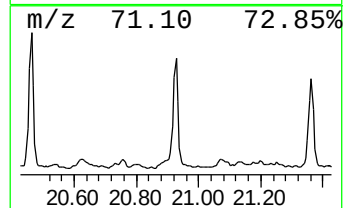
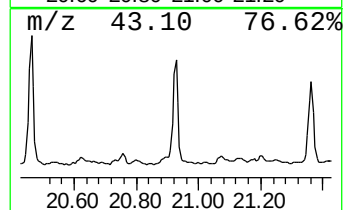
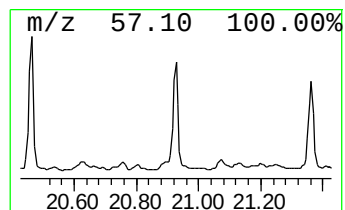
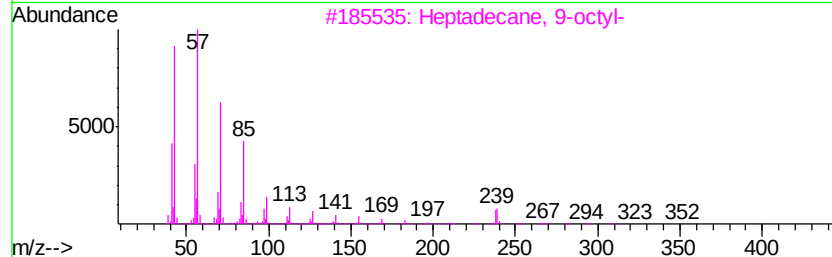
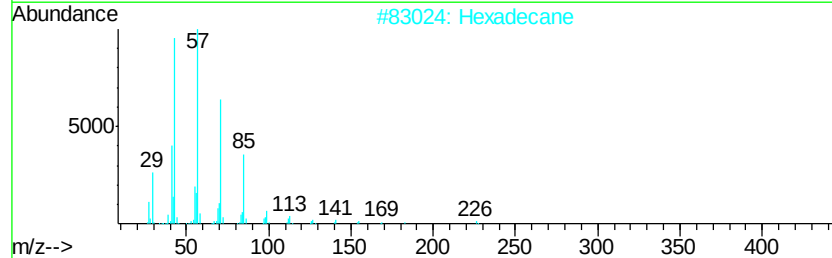
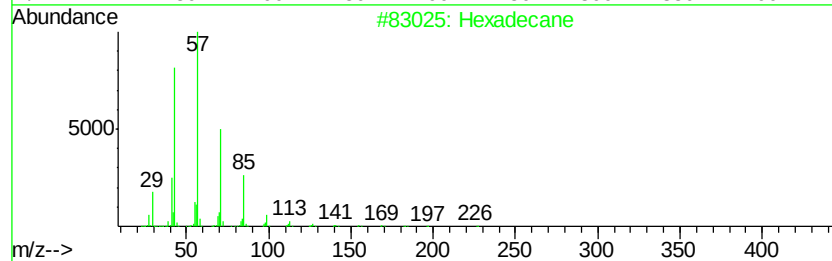
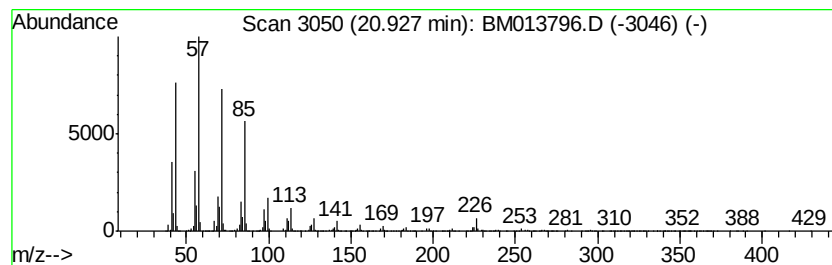
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Quant Title : SVOA CALIBRATION

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

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	30.15 ng/ul	5312740	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Hexadecane	226	C16H34	000544-76-3	94
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
4		Hexadecane	226	C16H34	000544-76-3	93
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

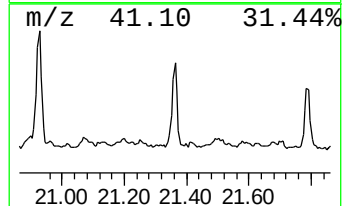
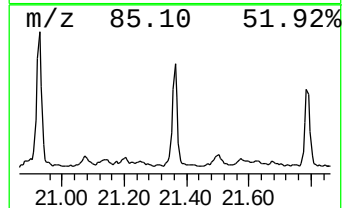
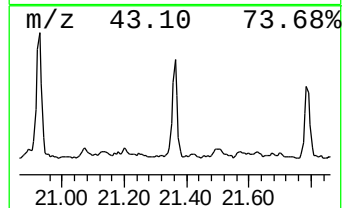
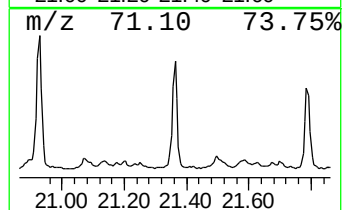
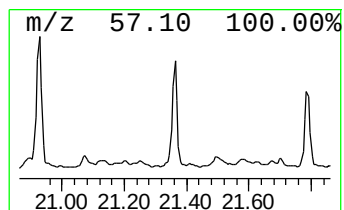
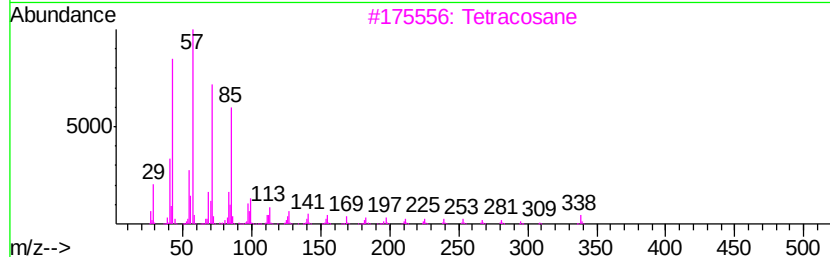
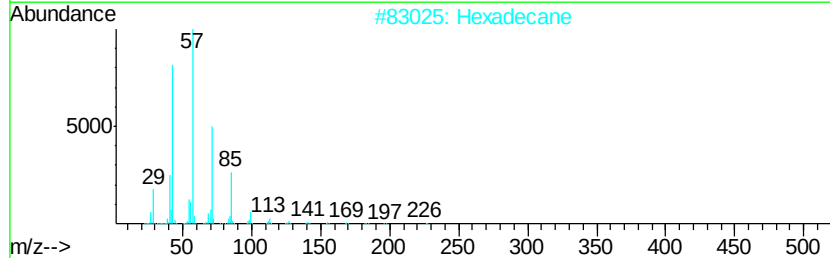
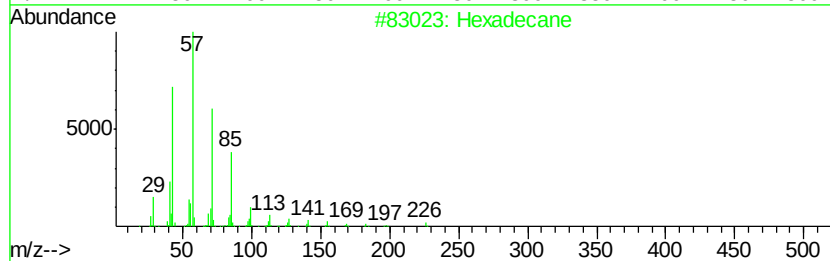
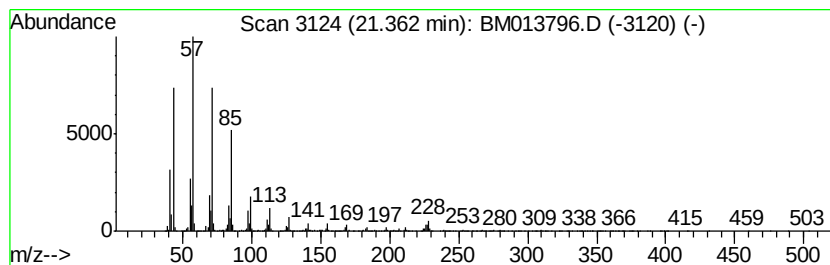
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	23.81 ng/ul	4195070	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Hexadecane	226	C16H34	000544-76-3	94
3		Tetracosane	338	C24H50	000646-31-1	94
4		Hexadecane	226	C16H34	000544-76-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

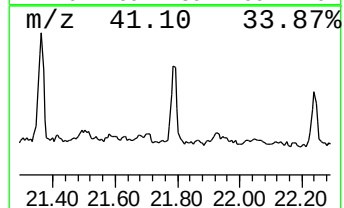
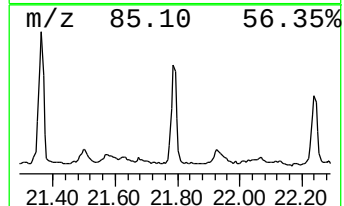
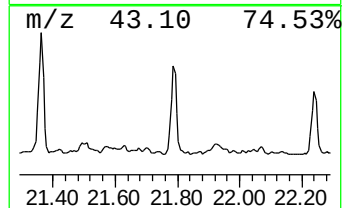
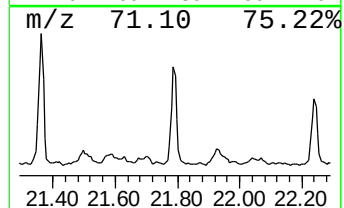
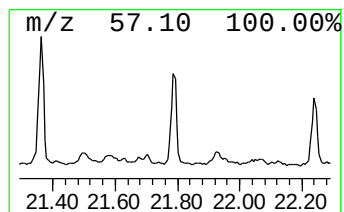
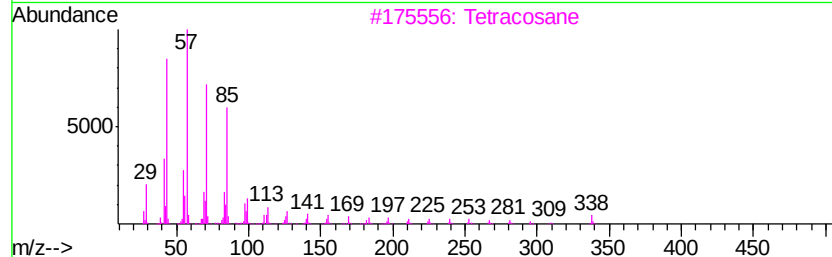
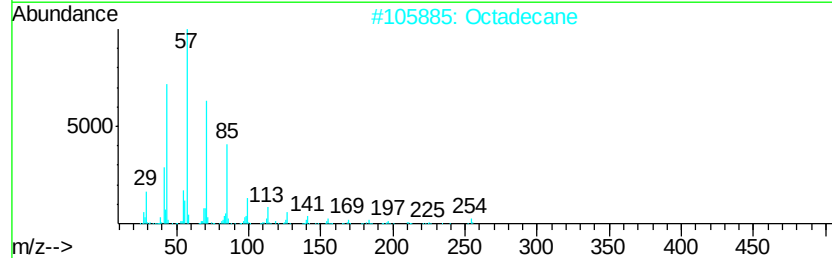
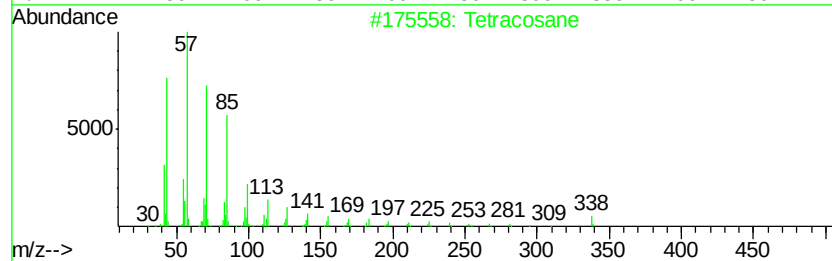
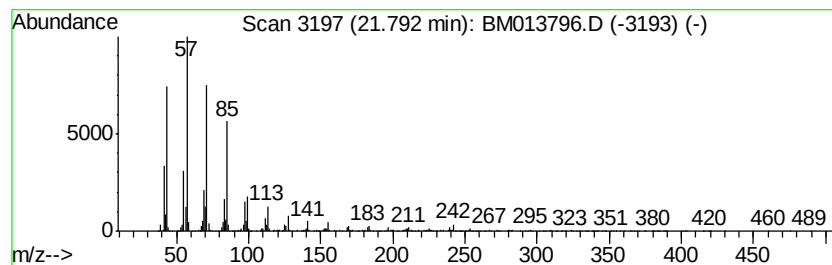
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	19.58 ng/ul	3451230	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Octadecane	254	C18H38	000593-45-3	95
3		Tetracosane	338	C24H50	000646-31-1	94
4		Nonadecane	268	C19H40	000629-92-5	93
5		Hexadecane	226	C16H34	000544-76-3	93



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

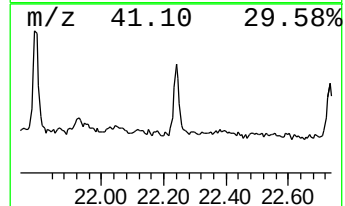
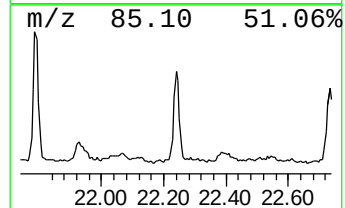
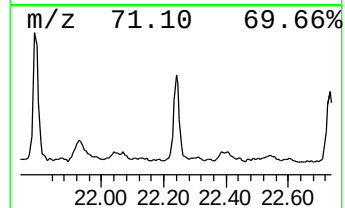
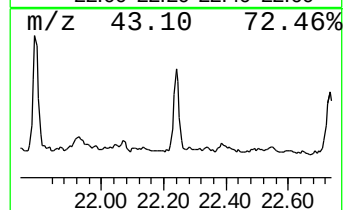
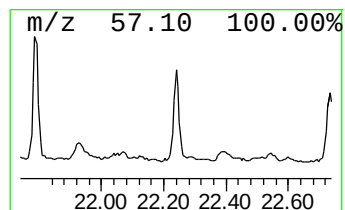
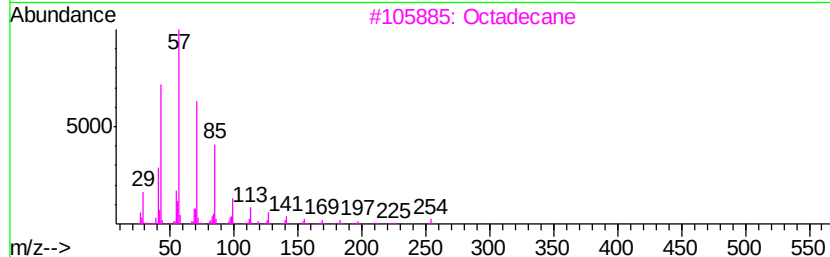
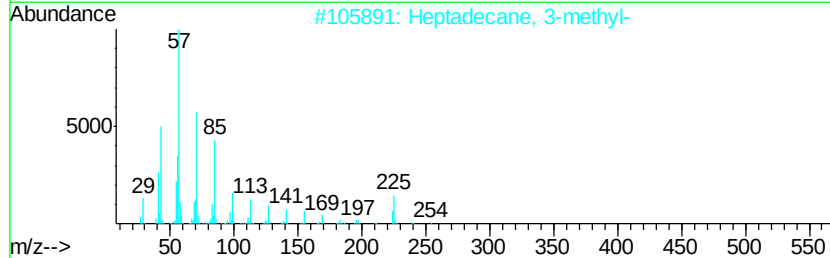
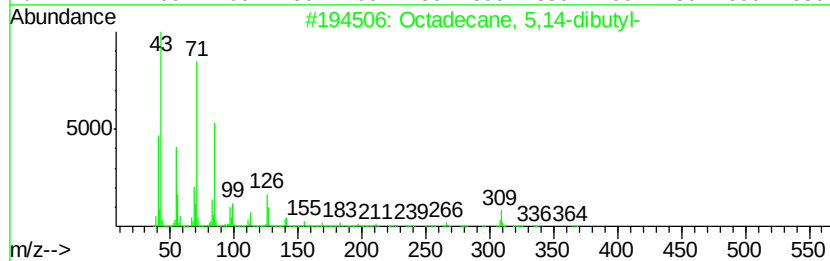
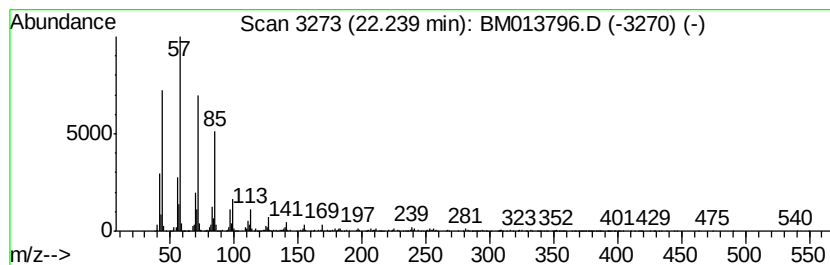
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	12.99 ng/ul	2289340	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
3		Octadecane	254	C18H38	000593-45-3	91
4		Pentacosane	352	C25H52	000629-99-2	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



Data Path : Z:\HPCHEM1\BNA_M\Data\BM012418\
 Data File : BM013796.D
 Acq On : 25 Jan 2018 07:56
 Operator : SJ/JU
 Sample : J1222-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A81

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
2-Pentanone, 4-hy...	4.76	42.3	ng/ul	3326660	1	7.59	1572950	20.0
(DEL) Alkane: Str...	5.63	16.8	ng/ul	1320530	1	7.59	1572950	20.0
Hexylene glycol	5.99	92.4	ng/ul	7268130	1	7.59	1572950	20.0
(DEL) Alkane: Str...	7.22	50.3	ng/ul	3958970	1	7.59	1572950	20.0
unknown-01	7.83	20.0	ng/ul	1572950	1	7.59	1572950	20.0
Benzene, 1,2-diet...	8.08	16.0	ng/ul	1258280	1	7.59	1572950	20.0
Benzene, 1,4-diet...	8.23	26.2	ng/ul	2057340	1	7.59	1572950	20.0
(DEL) Alkane: Str...	8.81	82.2	ng/ul	6464490	1	7.59	1572950	20.0
(DEL) Alkane: Str...	9.80	3.4	ng/ul	2370690	2	10.37	14161800	20.0
unknown-02	10.26	2.6	ng/ul	1873230	2	10.37	14161800	20.0
Benzene, 1,3,5-tr...	10.67	2.0	ng/ul	1447400	2	10.37	14161800	20.0
(DEL) Alkane: Cyc...	11.06	2.6	ng/ul	1866590	2	10.37	14161800	20.0
Quinoline	11.20	3.5	ng/ul	2453950	2	10.37	14161800	20.0
(DEL) Alkane: Str...	11.29	4.0	ng/ul	2817770	2	10.37	14161800	20.0
Sulfurous acid, d...	11.40	8.1	ng/ul	5762430	2	10.37	14161800	20.0
Benzene, 1,3,5-tr...	11.47	3.1	ng/ul	2189390	2	10.37	14161800	20.0
(DEL) Alkane: Str...	11.81	25.3	ng/ul	17876000	2	10.37	14161800	20.0
Naphthalene, 2-me...	12.27	11.3	ng/ul	7990960	2	10.37	14161800	20.0
(DEL) Alkane: Str...	12.50	2.1	ng/ul	2800620	3	14.25	26846000	20.0
(DEL) Alkane: Str...	12.63	2.7	ng/ul	3684480	3	14.25	26846000	20.0
(DEL) Alkane: Str...	12.77	4.2	ng/ul	5585390	3	14.25	26846000	20.0
Naphthalene, 1,6-...	13.41	3.8	ng/ul	5105600	3	14.25	26846000	20.0
Naphthalene, 1,7-...	13.57	6.8	ng/ul	9196410	3	14.25	26846000	20.0
(DEL) Alkane: Str...	13.78	2.1	ng/ul	2871950	3	14.25	26846000	20.0
(DEL) Alkane: Str...	14.17	21.6	ng/ul	28947200	3	14.25	26846000	20.0
4'-(1-Pyrrolyl)ace...	14.40	3.1	ng/ul	4152700	3	14.25	26846000	20.0
unknown-03	14.60	2.1	ng/ul	2823530	3	14.25	26846000	20.0
Naphthalene, 2,3,...	14.73	2.8	ng/ul	3776550	3	14.25	26846000	20.0
(DEL) Alkane: Str...	14.78	5.6	ng/ul	7522160	3	14.25	26846000	20.0
(DEL) Alkane: Str...	15.13	19.6	ng/ul	26245900	3	14.25	26846000	20.0
(DEL) Alkane: Str...	15.52	6.7	ng/ul	8989450	3	14.25	26846000	20.0
(DEL) Alkane: Str...	15.62	3.5	ng/ul	4694350	3	14.25	26846000	20.0
(DEL) Alkane: Str...	15.67	19.8	ng/ul	3341930	4	17.02	3374210	20.0
Chamazulene	15.82	15.4	ng/ul	2597860	4	17.02	3374210	20.0
(DEL) Alkane: Str...	15.99	250.0	ng/ul	42181800	4	17.02	3374210	20.0
(4-Acetylphenyl)p...	16.05	65.0	ng/ul	10970000	4	17.02	3374210	20.0
(DEL) Alkane: Str...	16.32	16.4	ng/ul	2774950	4	17.02	3374210	20.0
(DEL) Alkane: Cyc...	16.59	7.8	ng/ul	1320300	4	17.02	3374210	20.0
(DEL) Alkane: Str...	16.78	127.2	ng/ul	21457400	4	17.02	3374210	20.0
(DEL) Alkane: Str...	16.83	59.3	ng/ul	10009500	4	17.02	3374210	20.0
3,4'-Diisopropylb...	16.92	18.5	ng/ul	3116130	4	17.02	3374210	20.0
4-tert-Butyl-benz...	17.23	27.6	ng/ul	4653760	4	17.02	3374210	20.0
(DEL) Alkane: Str...	17.31	8.3	ng/ul	1396610	4	17.02	3374210	20.0
2-Bromo dodecane	17.52	102.2	ng/ul	17239600	4	17.02	3374210	20.0
Dibenzothiophene,...	17.59	13.9	ng/ul	2347120	4	17.02	3374210	20.0
(DEL) Alkane: Str...	17.79	11.5	ng/ul	1943320	4	17.02	3374210	20.0
Phenanthrene, 1-m...	17.88	8.1	ng/ul	1368800	4	17.02	3374210	20.0
Anthracene, 2-met...	17.93	27.9	ng/ul	4714060	4	17.02	3374210	20.0
4H-Cyclopenta[def...	18.07	16.1	ng/ul	2723760	4	17.02	3374210	20.0

(DEL)	Alkane: Str...	18.21	78.6	ng/ul	13266400	4	17.02	3374210	20.0
(DEL)	Alkane: Str...	18.85	67.6	ng/ul	11402200	4	17.02	3374210	20.0
(DEL)	Alkane: Str...	19.96	42.8	ng/ul	7545270	5	21.20	3524390	20.0
(DEL)	Alkane: Str...	20.46	33.7	ng/ul	5935420	5	21.20	3524390	20.0
(DEL)	Alkane: Str...	20.93	30.1	ng/ul	5312740	5	21.20	3524390	20.0
(DEL)	Alkane: Str...	21.36	23.8	ng/ul	4195070	5	21.20	3524390	20.0
(DEL)	Alkane: Str...	21.79	19.6	ng/ul	3451230	5	21.20	3524390	20.0
(DEL)	Alkane: Str...	22.24	13.0	ng/ul	2289340	5	21.20	3524390	20.0

Instrument :
BNA_M
ClientSampleId :
F6A81