

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.775	637	644	659	rBV2	79057	201379	10.76%	0.712%
2	6.928	665	670	677	rBV	77365	125075	6.69%	0.442%
3	7.116	696	702	710	rBV2	109090	176681	9.44%	0.625%
4	7.581	771	781	790	rBV	519750	891751	47.67%	3.152%
5	8.304	899	904	913	rBV3	100860	202582	10.83%	0.716%
6	8.740	971	978	983	rBV2	96923	179256	9.58%	0.634%
7	8.787	983	986	993	rVB3	35116	61287	3.28%	0.217%
8	9.457	1091	1100	1109	rBV6	79562	176209	9.42%	0.623%
9	9.781	1149	1155	1161	rVB5	17784	35468	1.90%	0.125%
10	9.887	1167	1173	1178	rBV5	11643	23991	1.28%	0.085%
11	9.998	1186	1192	1202	rBV4	111494	233992	12.51%	0.827%
12	10.286	1231	1241	1244	rBV2	113528	228537	12.22%	0.808%
13	10.351	1244	1252	1257	rVV	717226	1398247	74.75%	4.943%
14	10.404	1257	1261	1267	rVB	234621	402267	21.50%	1.422%
15	10.516	1275	1280	1287	rVB3	130092	225628	12.06%	0.798%
16	10.728	1311	1316	1322	rBV6	22899	37927	2.03%	0.134%
17	11.198	1389	1396	1403	rBV	92612	209377	11.19%	0.740%
18	11.269	1405	1408	1417	rVB6	33609	52542	2.81%	0.186%
19	11.369	1417	1425	1430	rBV2	77394	129246	6.91%	0.457%
20	11.781	1486	1495	1506	rBV2	217663	359767	19.23%	1.272%
21	12.028	1527	1537	1543	rBV	264320	447707	23.93%	1.583%
22	12.245	1566	1574	1582	rVV	127913	228242	12.20%	0.807%
23	12.433	1601	1606	1609	rBV5	14642	26852	1.44%	0.095%
24	12.486	1609	1615	1621	rVB6	23822	49572	2.65%	0.175%
25	12.610	1633	1636	1640	rBV2	35516	47176	2.52%	0.167%
26	12.698	1647	1651	1656	rBV4	28392	40926	2.19%	0.145%
27	12.757	1656	1661	1665	rVV2	75069	111804	5.98%	0.395%
28	12.810	1665	1670	1675	rVB8	15465	28364	1.52%	0.100%
29	13.051	1703	1711	1719	rVV3	369246	589071	31.49%	2.082%
30	13.257	1743	1746	1749	rBV	33726	52026	2.78%	0.184%
31	13.392	1762	1769	1770	rBV6	41718	52997	2.83%	0.187%
32	13.551	1790	1796	1800	rBV3	61036	109714	5.86%	0.388%
33	13.604	1801	1805	1807	rVV4	47395	70209	3.75%	0.248%
34	13.651	1807	1813	1817	rVV	228317	377078	20.16%	1.333%

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35	13.710	1817	1823	1827	rVV3	174799	336048	17.96%	1.188%
36	13.751	1827	1830	1834	rVV3	41620	62707	3.35%	0.222%
37	13.922	1854	1859	1871	rVB	250675	408929	21.86%	1.445%
38	14.045	1877	1880	1890	rVB7	23384	49281	2.63%	0.174%
39	14.139	1890	1896	1901	rBV	369181	488962	26.14%	1.728%
40	14.227	1903	1911	1917	rVV2	934529	1526648	81.61%	5.396%
41	14.292	1917	1922	1931	rVB	471701	743531	39.75%	2.628%
42	14.392	1935	1939	1944	rBV5	17691	28650	1.53%	0.101%
43	14.516	1955	1960	1961	rBV5	30070	36745	1.96%	0.130%
44	14.639	1975	1981	1987	rVB	315317	465556	24.89%	1.646%
45	14.757	1997	2001	2005	rBV4	68347	95351	5.10%	0.337%
46	14.880	2016	2022	2026	rBV6	64551	110624	5.91%	0.391%
47	15.016	2039	2045	2051	rBV6	18670	50144	2.68%	0.177%
48	15.092	2054	2058	2065	rVB	341829	439691	23.50%	1.554%
49	15.233	2076	2082	2087	rBV	307887	429511	22.96%	1.518%
50	15.286	2087	2091	2099	rVB	319382	455648	24.36%	1.611%
51	15.386	2104	2108	2115	rBV7	50352	97288	5.20%	0.344%
52	15.451	2115	2119	2122	rVV6	37232	58713	3.14%	0.208%
53	15.498	2122	2127	2132	rVV2	90024	163676	8.75%	0.579%
54	15.539	2132	2134	2138	rVV5	29540	33037	1.77%	0.117%
55	15.592	2138	2143	2148	rVB5	51923	95471	5.10%	0.337%
56	15.657	2149	2154	2158	rBV6	26002	40694	2.18%	0.144%
57	15.710	2158	2163	2165	rVV4	35193	62268	3.33%	0.220%
58	15.733	2165	2167	2175	rVV2	46290	84851	4.54%	0.300%
59	15.810	2175	2180	2181	rVV4	15130	23528	1.26%	0.083%
60	15.821	2181	2182	2188	rVB6	20882	22312	1.19%	0.079%
61	15.957	2200	2205	2214	rBV	329363	670176	35.83%	2.369%
62	16.027	2215	2217	2220	rVV4	20209	23373	1.25%	0.083%
63	16.086	2222	2227	2233	rVB10	20089	37899	2.03%	0.134%
64	16.298	2259	2263	2266	rBV6	32961	44678	2.39%	0.158%
65	16.539	2300	2304	2305	rVV4	17155	22811	1.22%	0.081%
66	16.563	2306	2308	2311	rVB4	22043	23653	1.26%	0.084%
67	16.639	2316	2321	2332	rVV	996421	1556056	83.18%	5.500%
68	16.751	2336	2340	2345	rVV2	256873	330142	17.65%	1.167%
69	16.804	2345	2349	2360	rVB3	126060	216236	11.56%	0.764%
70	16.898	2360	2365	2370	rVB7	15404	32952	1.76%	0.116%
71	16.986	2374	2380	2383	rBV	1139630	1565198	83.67%	5.533%

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72	17.027	2383	2387	2392	rVV	974456	1369242	73.19%	4.840%
73	17.086	2392	2397	2401	rVV	315225	516166	27.59%	1.825%
74	17.121	2401	2403	2410	rVB	127591	156436	8.36%	0.553%
75	17.292	2427	2432	2438	rVB7	18376	28206	1.51%	0.100%
76	17.404	2446	2451	2459	rVV	87284	146023	7.81%	0.516%
77	17.492	2461	2466	2476	rVB	182180	254194	13.59%	0.899%
78	17.868	2526	2530	2532	rBV2	32602	46551	2.49%	0.165%
79	17.915	2535	2538	2544	rVB2	56849	95422	5.10%	0.337%
80	17.998	2548	2552	2556	rBV5	26906	41113	2.20%	0.145%
81	18.057	2558	2562	2573	rVB3	91898	176043	9.41%	0.622%
82	18.186	2579	2584	2589	rBV	139353	169678	9.07%	0.600%
83	18.374	2612	2616	2619	rVB2	35154	43777	2.34%	0.155%
84	18.827	2689	2693	2698	rBV	100407	116805	6.24%	0.413%
85	19.057	2726	2732	2737	rBV	483002	687678	36.76%	2.431%
86	19.109	2737	2741	2747	rVB4	74025	101799	5.44%	0.360%
87	19.180	2750	2753	2758	rBV7	17924	30294	1.62%	0.107%
88	19.298	2767	2773	2775	rBV7	18491	31751	1.70%	0.112%
89	19.392	2783	2789	2791	rBV	449242	692223	37.00%	2.447%
90	19.415	2791	2793	2799	rVB	358392	457058	24.43%	1.616%
91	19.504	2804	2808	2811	rVB4	15525	23879	1.28%	0.084%
92	19.615	2823	2827	2831	rVB6	22468	31742	1.70%	0.112%
93	19.945	2877	2883	2888	rVB4	83814	147627	7.89%	0.522%
94	20.021	2893	2896	2901	rVV4	32280	52901	2.83%	0.187%
95	20.445	2965	2968	2971	rBV4	58689	68529	3.66%	0.242%
96	20.909	3044	3047	3051	rVB5	59839	78037	4.17%	0.276%
97	21.186	3089	3094	3099	rBV	1395028	1870685	100.00%	6.612%
98	21.345	3119	3121	3125	rVB3	63032	55311	2.96%	0.196%
99	23.239	3438	3443	3454	rVB2	303626	652090	34.86%	2.305%
100	23.374	3460	3466	3474	rVB2	866564	1633002	87.29%	5.772%

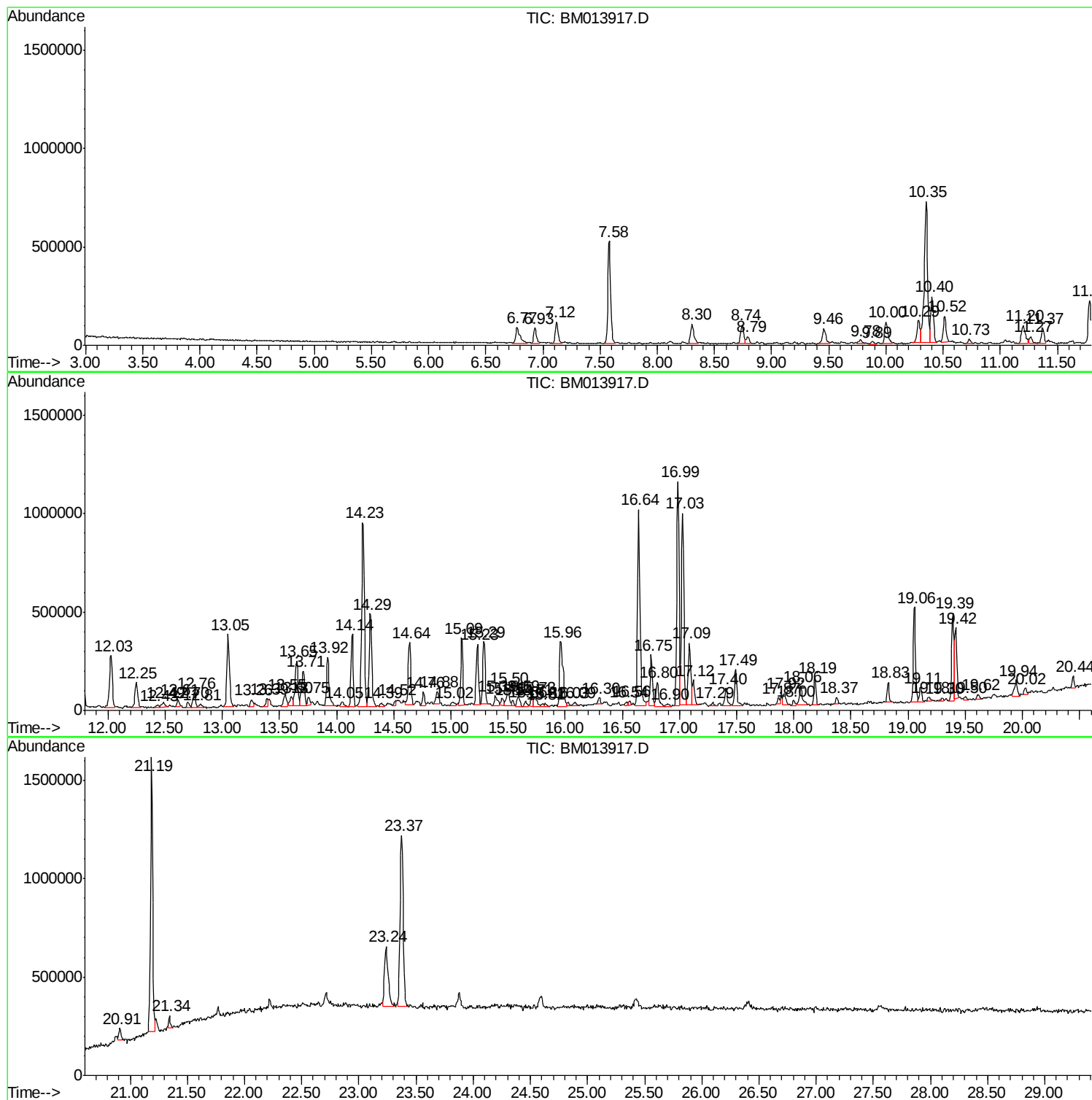
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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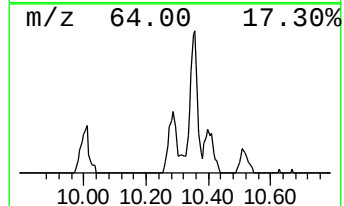
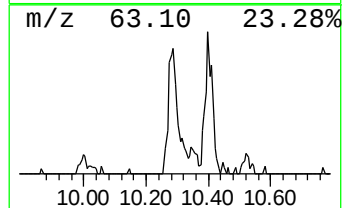
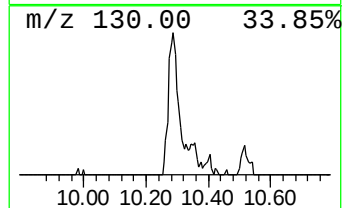
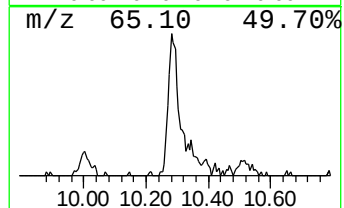
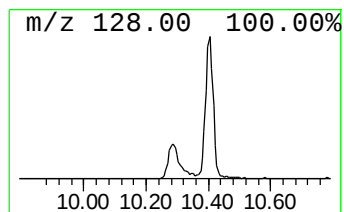
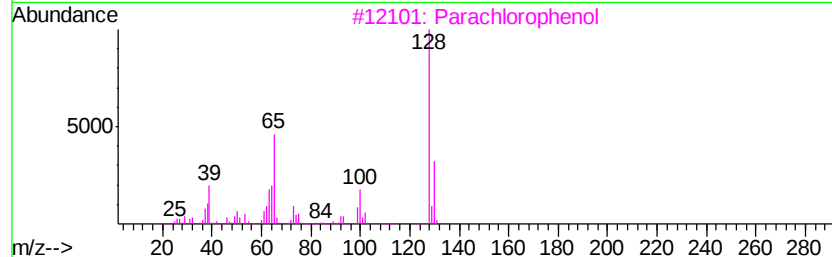
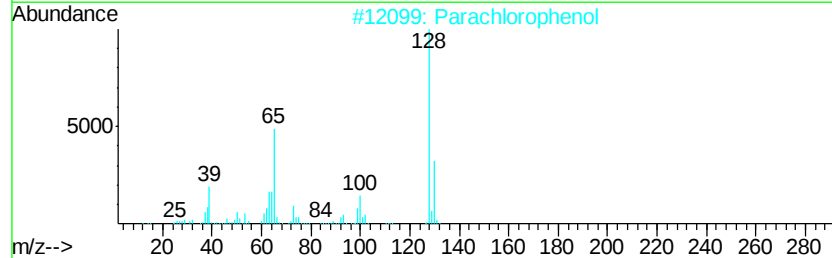
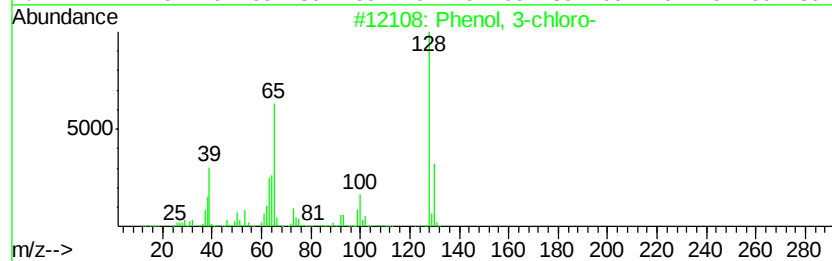
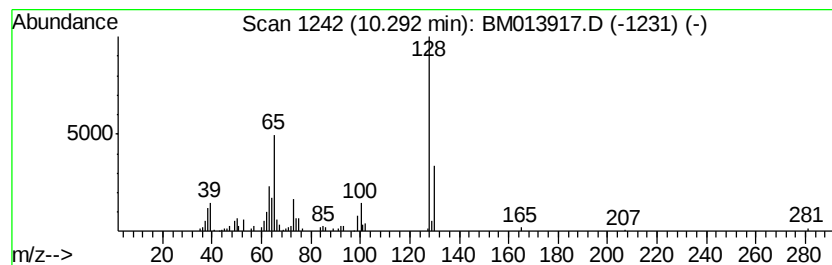
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenol, 3-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	3.27 ng/ul	228537	Napthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	94
2	Parachlorophenol	128 C6H5ClO	000106-48-9	93
3	Parachlorophenol	128 C6H5ClO	000106-48-9	91
4	Parachlorophenol	128 C6H5ClO	000106-48-9	90
5	Phenol, 3-chloro-	128 C6H5ClO	000108-43-0	90



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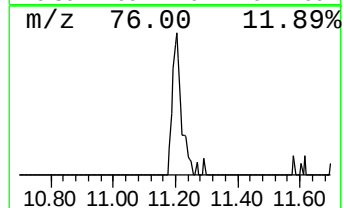
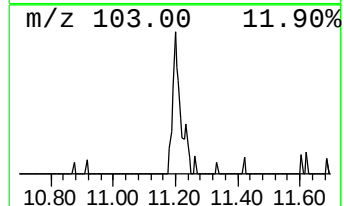
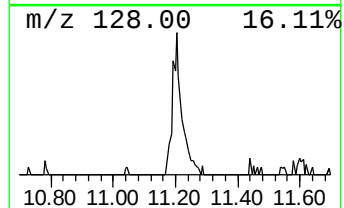
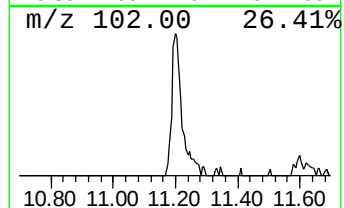
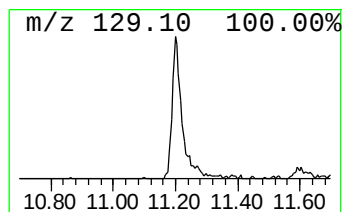
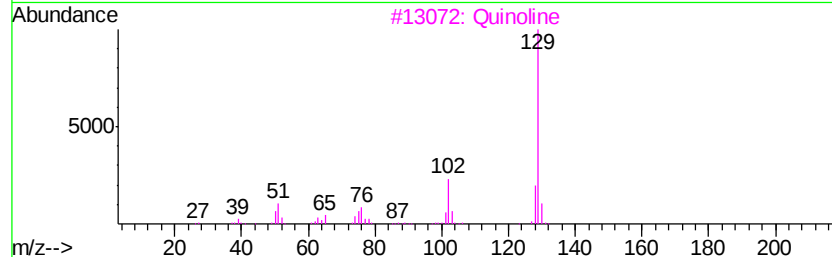
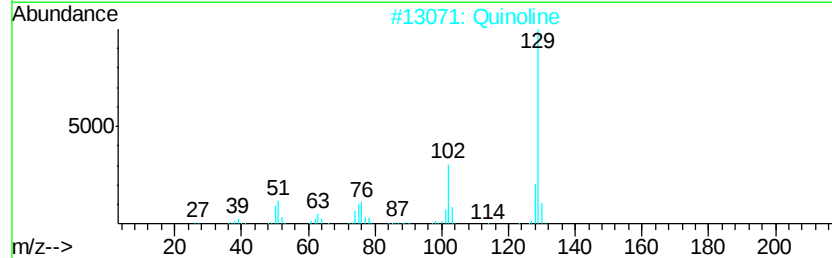
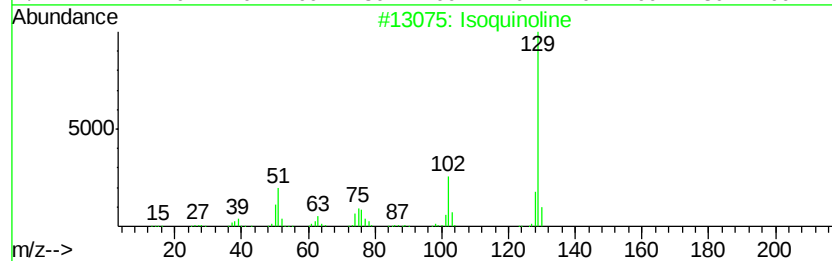
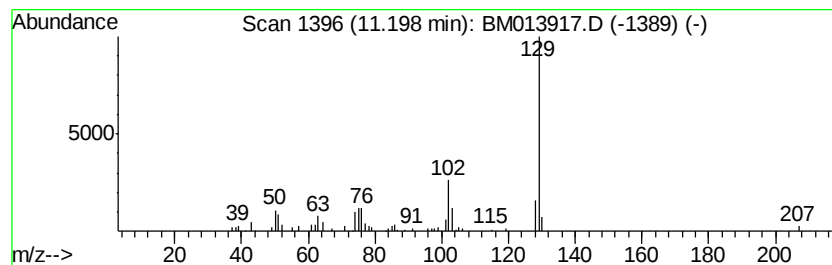
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Isoquinoline Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.99 ng/ul	209377	Naphthalene-d8	10.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isoquinoline	129	C9H7N	000119-65-3	94
2		Quinoline	129	C9H7N	000091-22-5	93
3		Quinoline	129	C9H7N	000091-22-5	91
4		Isoquinoline	129	C9H7N	000119-65-3	87
5		Quinoline	129	C9H7N	000091-22-5	87



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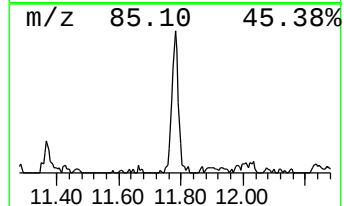
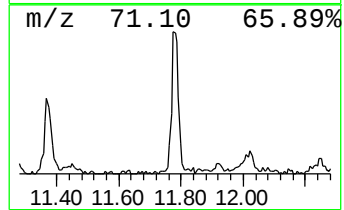
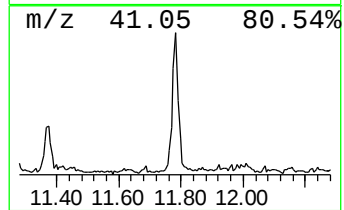
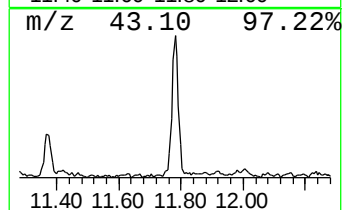
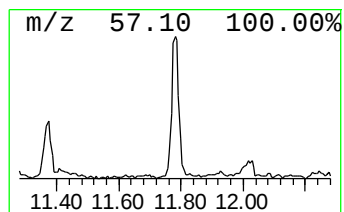
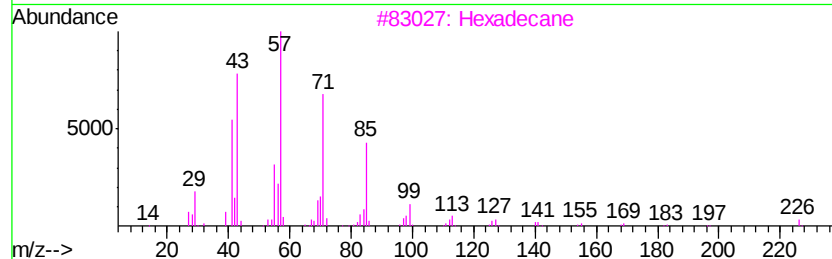
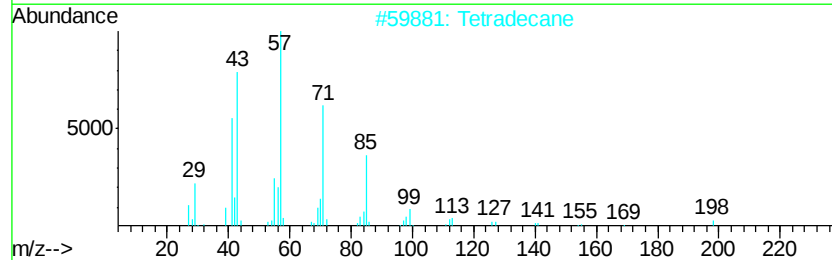
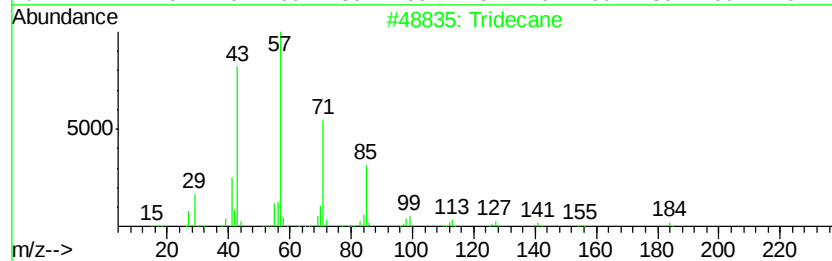
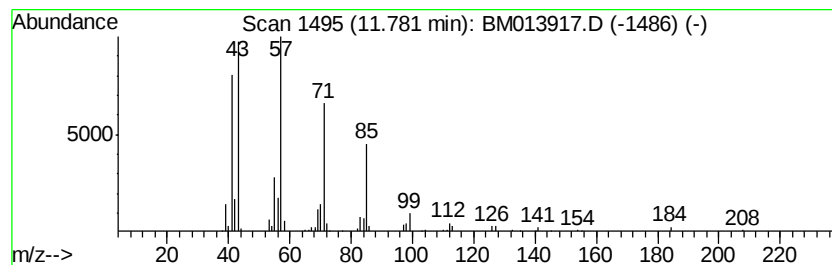
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.15 ng/ul	359767	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tetradecane	198	C14H30	000629-59-4	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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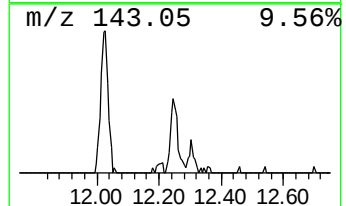
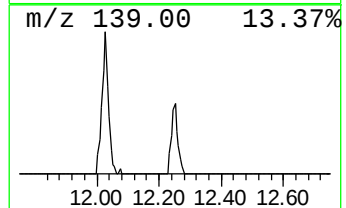
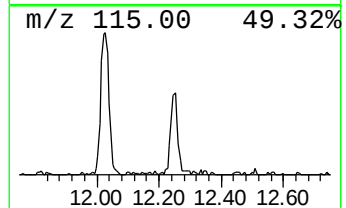
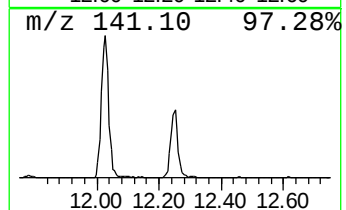
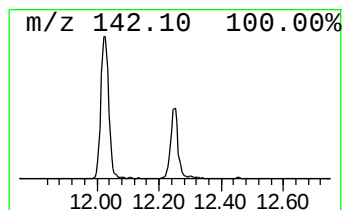
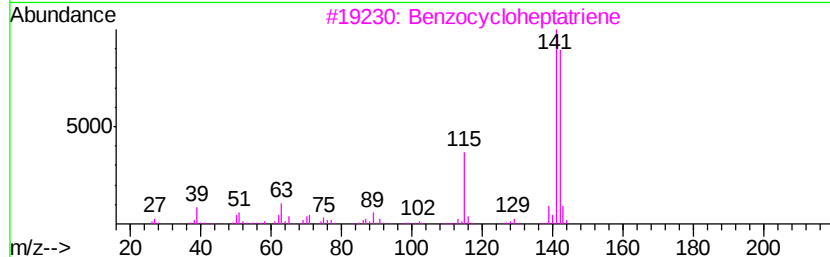
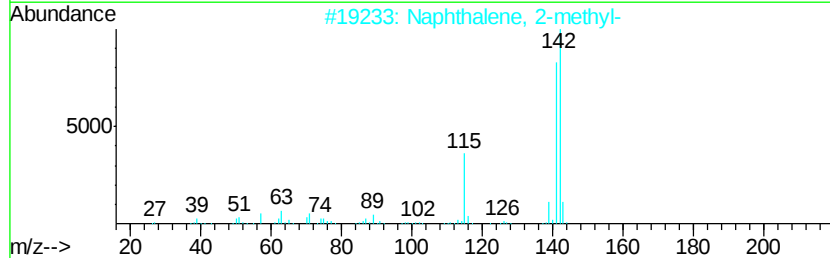
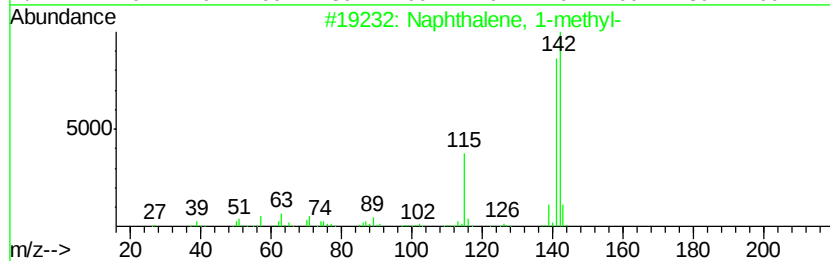
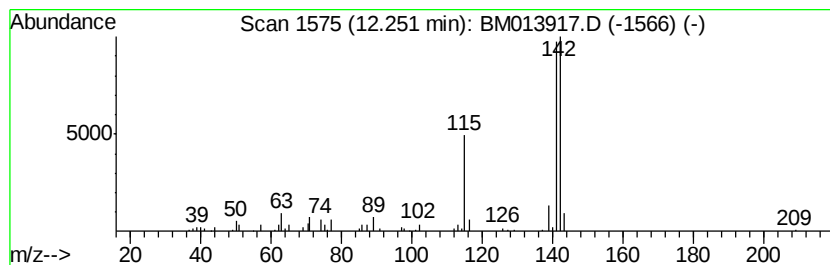
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.26 ng/ul	228242	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Benzocycloheptatriene	142	C11H10	000264-09-5	95
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
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Misc :
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ClientSampleId :
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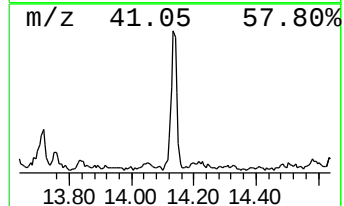
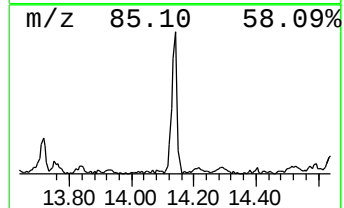
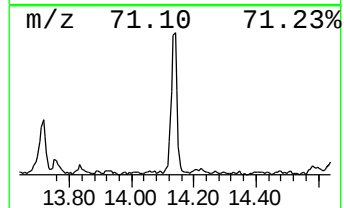
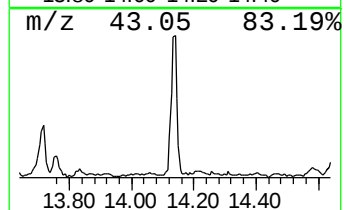
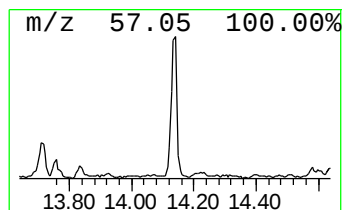
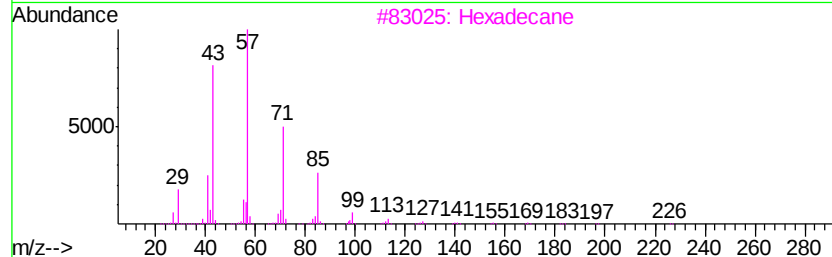
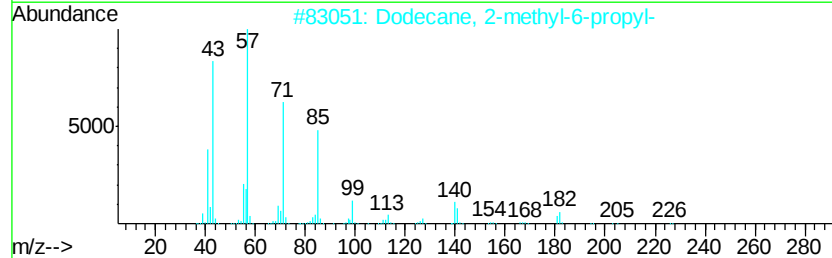
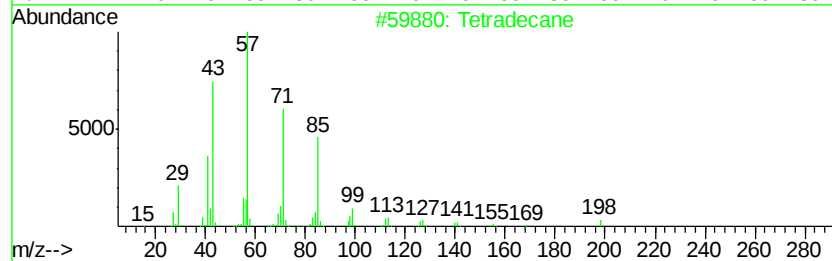
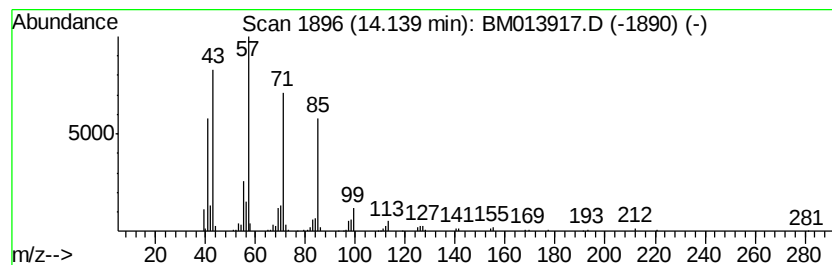
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.41 ng/ul	488962	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
5	Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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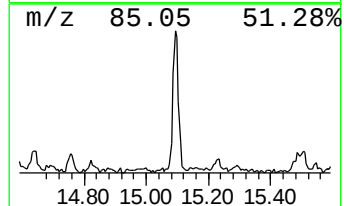
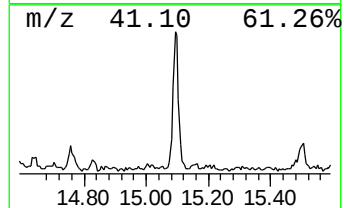
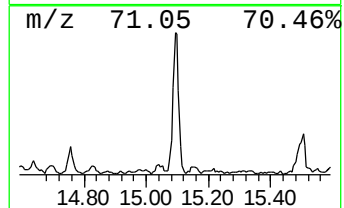
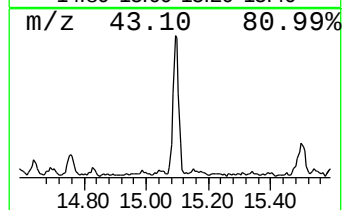
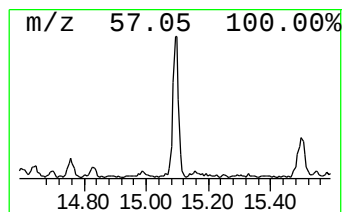
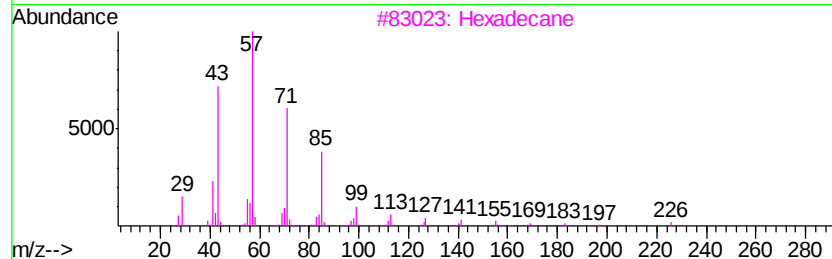
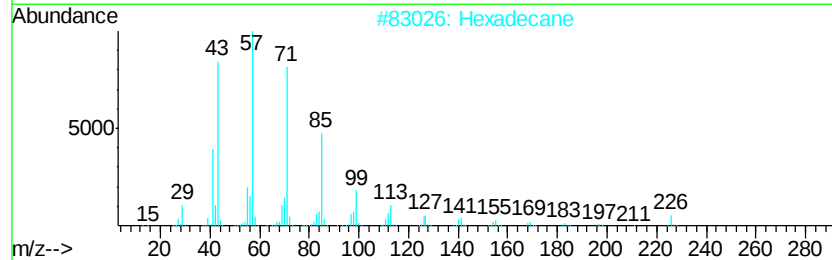
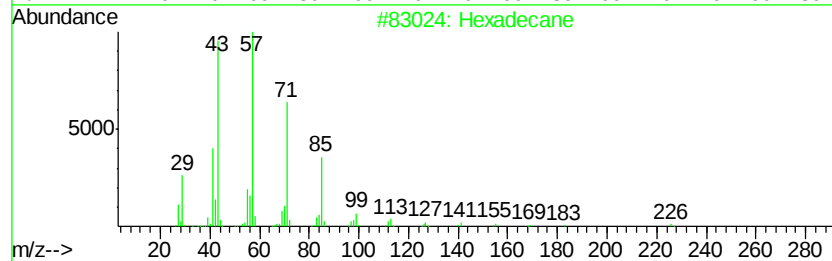
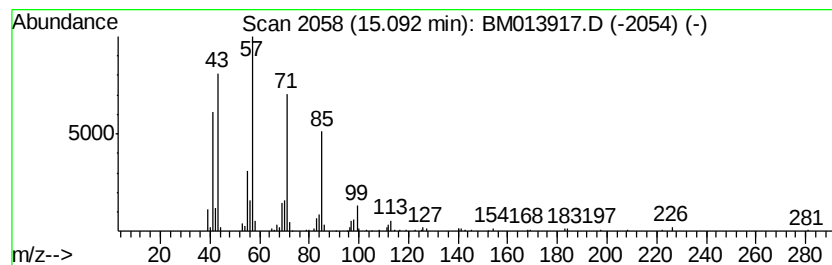
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.76 ng/ul	439691	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane	226	C16H34	000544-76-3	93
4			Nonadecane	268	C19H40	000629-92-5	91
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

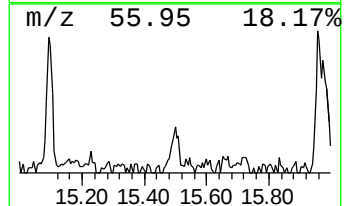
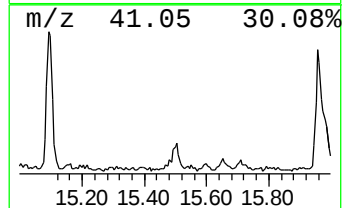
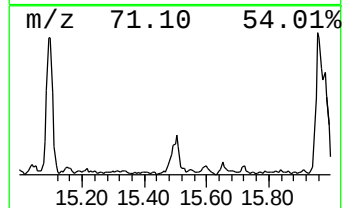
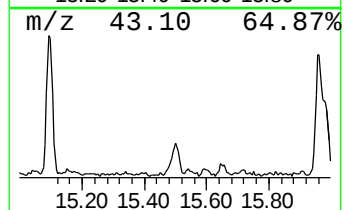
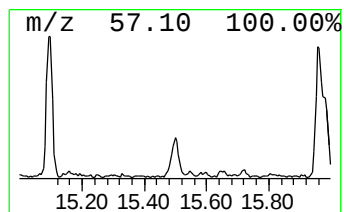
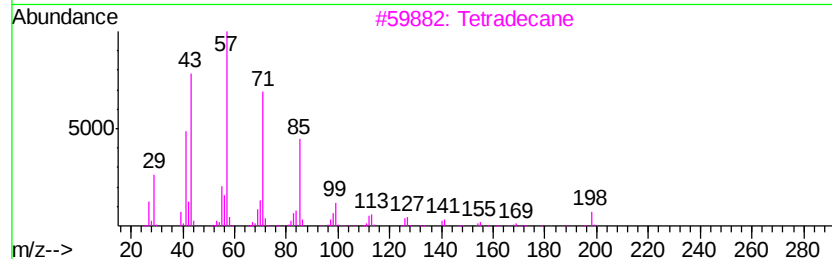
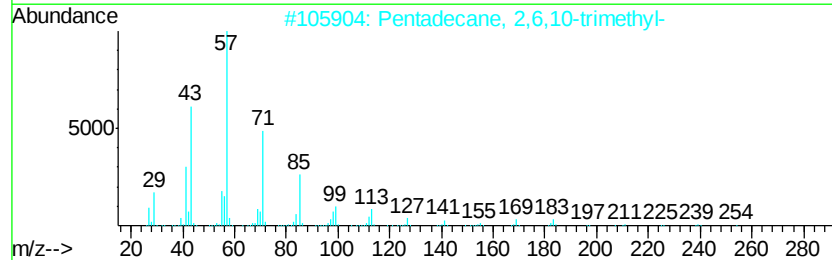
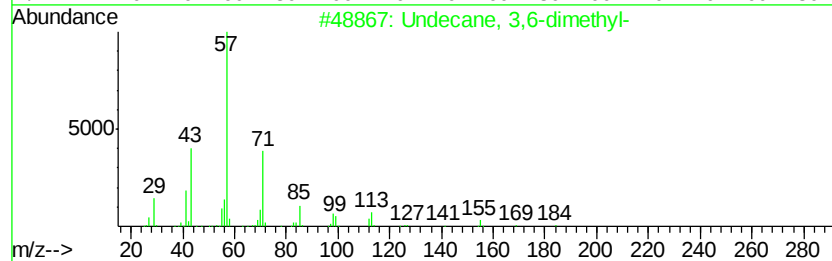
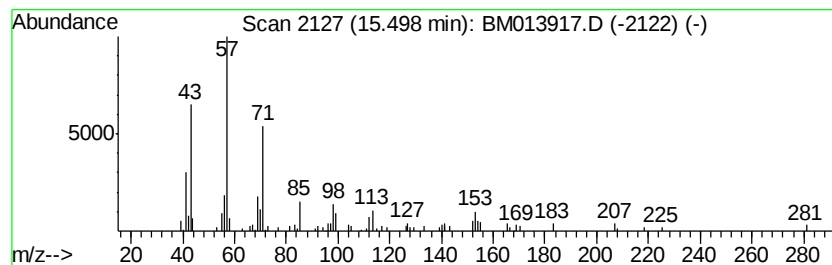
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.14 ng/ul	163676	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	64
2	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	59
3	Tetradecane	198 C14H30	000629-59-4	50
4	Dodecane	170 C12H26	000112-40-3	50
5	Heptadecane, 7-methyl-	254 C18H38	020959-33-5	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

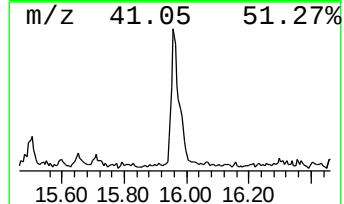
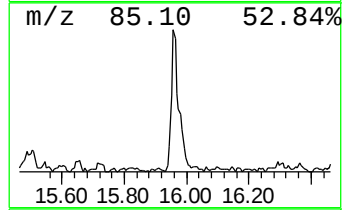
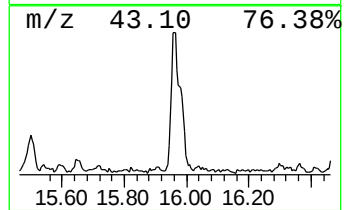
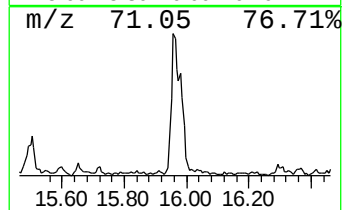
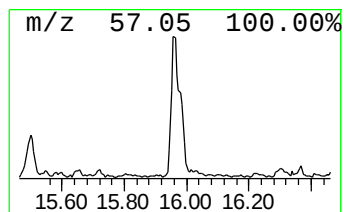
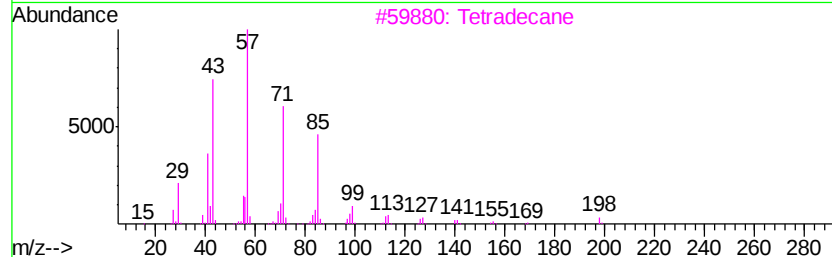
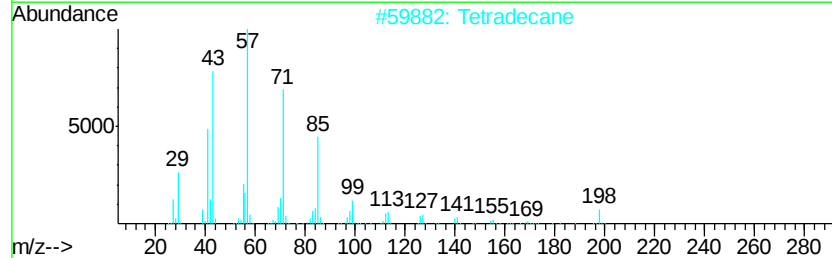
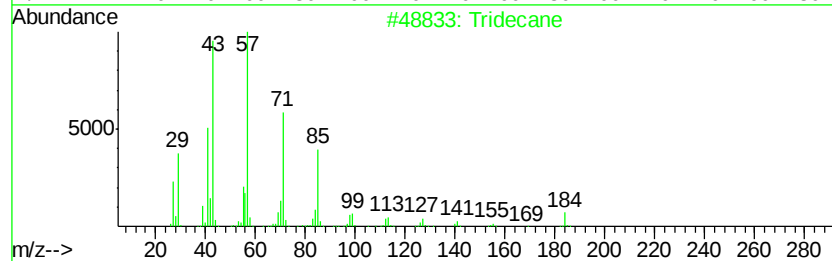
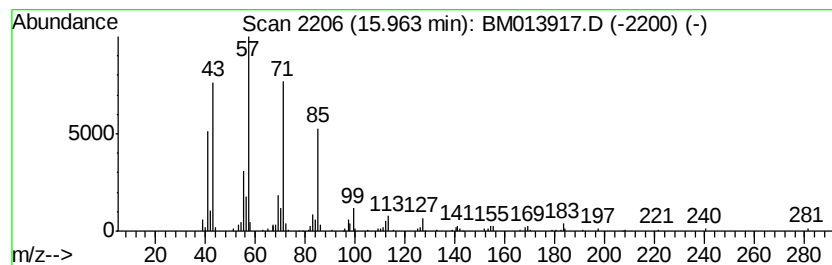
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	8.56 ng/ul	670176	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
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Operator : SJ/JU
Sample : J1223-11DL 5X
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ALS Vial : 41 Sample Multiplier: 1

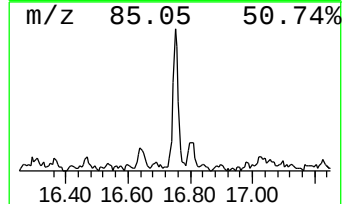
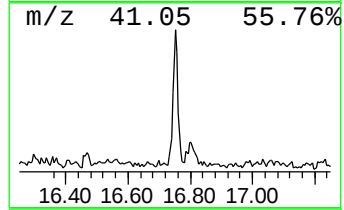
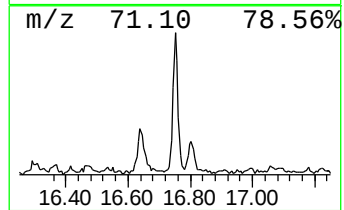
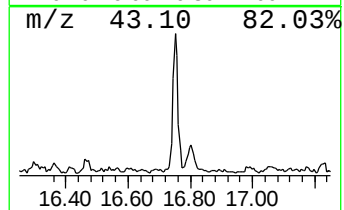
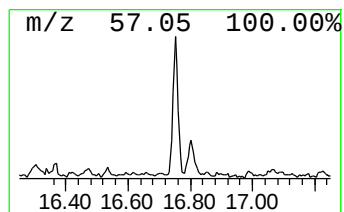
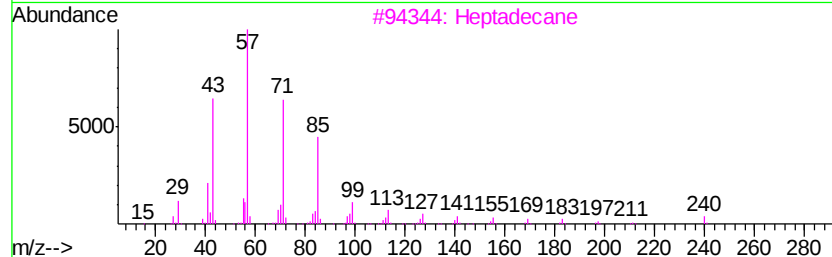
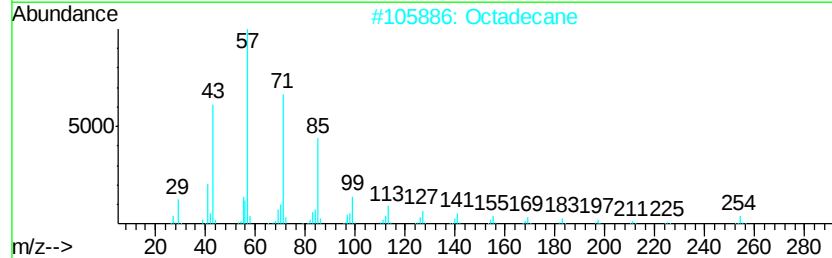
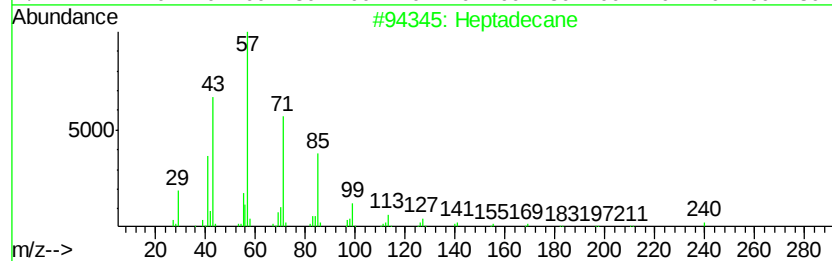
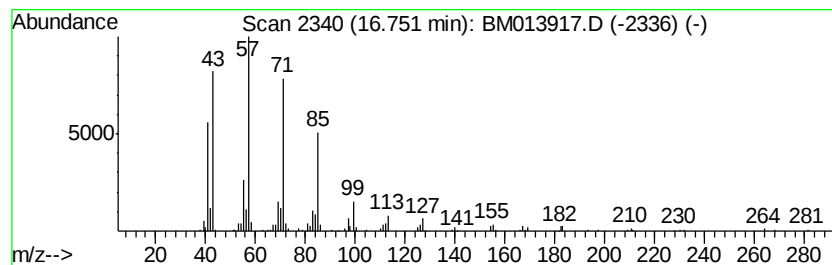
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.75	4.22 ng/ul	330142	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
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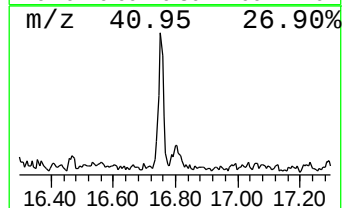
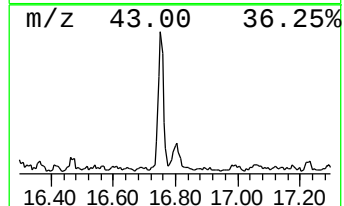
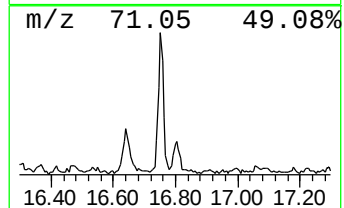
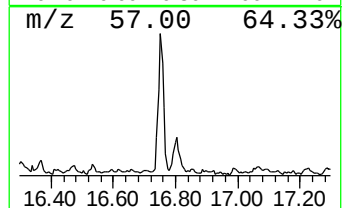
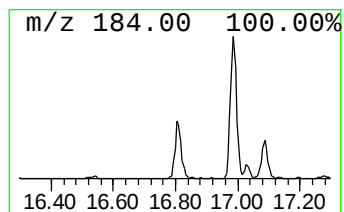
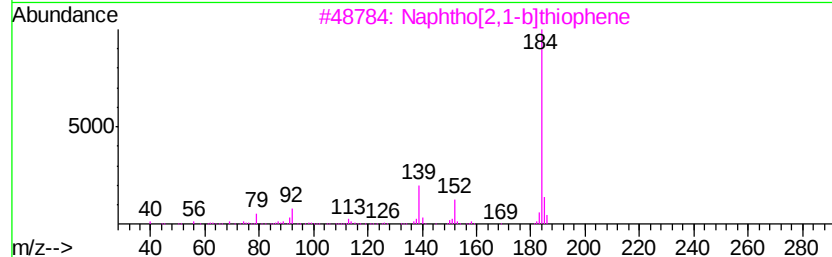
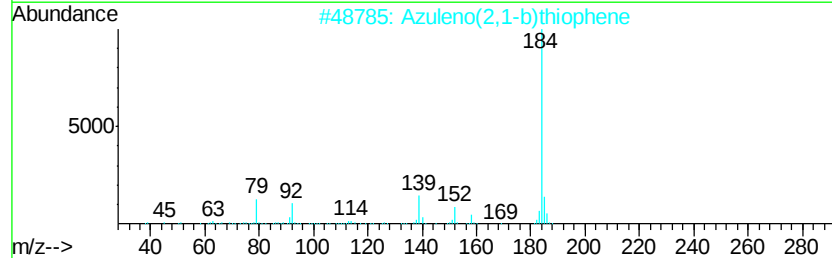
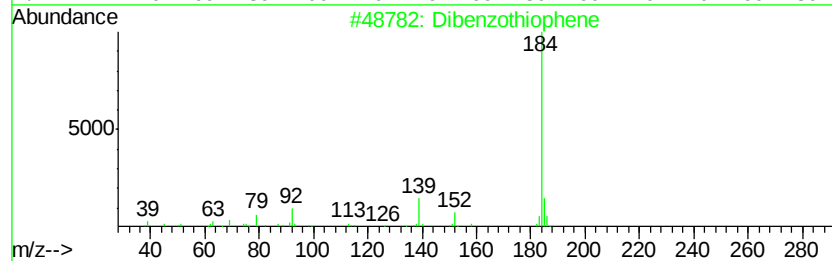
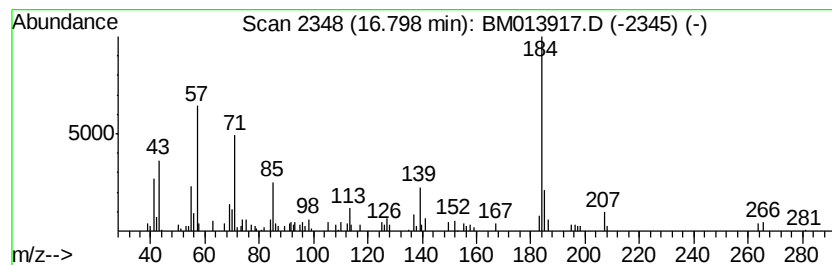
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.76 ng/ul	216236	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	91
2			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4			Dibenzothiophene	184	C12H8S	000132-65-0	60
5			Dibenzothiophene	184	C12H8S	000132-65-0	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77DL

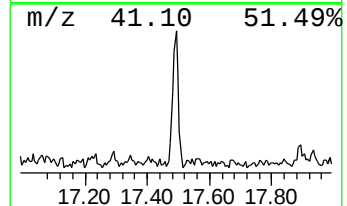
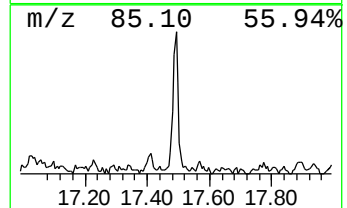
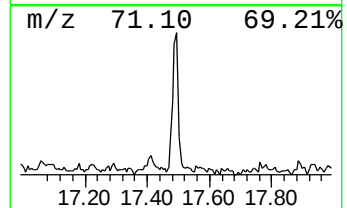
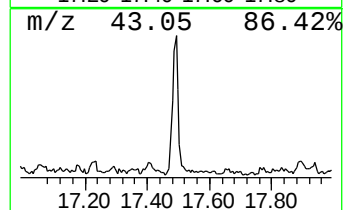
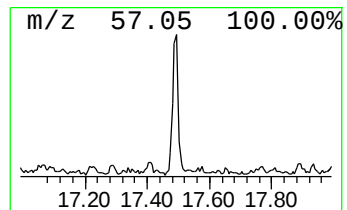
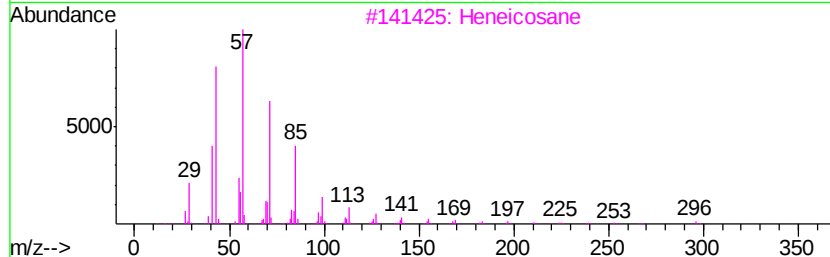
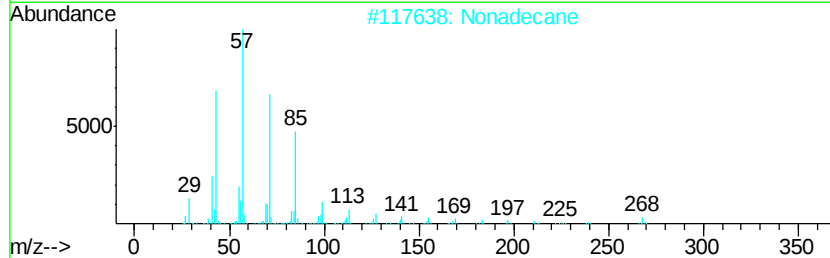
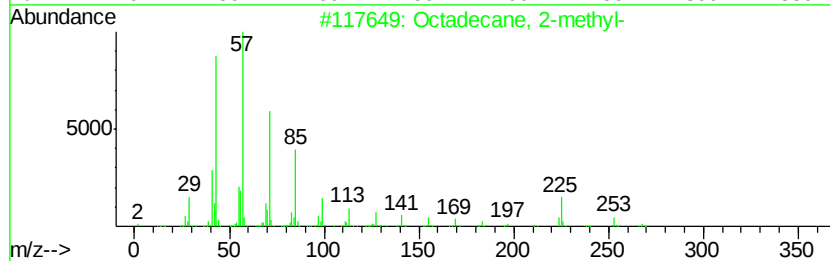
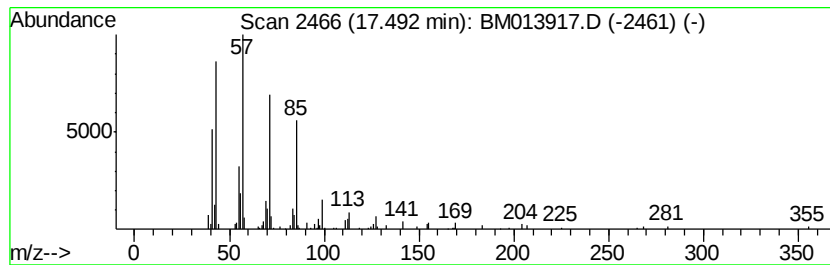
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	3.25 ng/ul	254194	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Nonadecane	268	C19H40	000629-92-5	93
3			Heneicosane	296	C21H44	000629-94-7	90
4			Eicosane	282	C20H42	000112-95-8	87
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

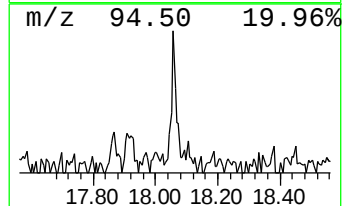
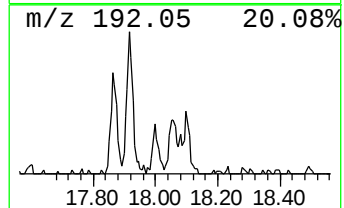
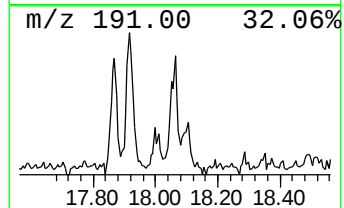
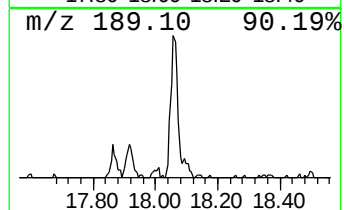
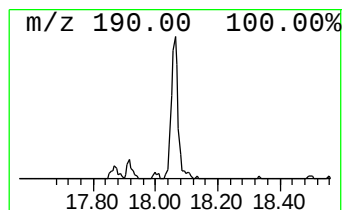
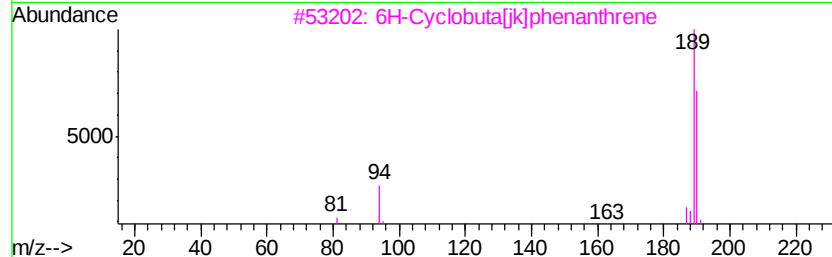
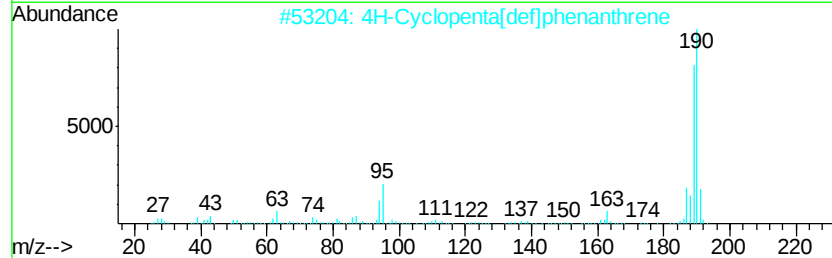
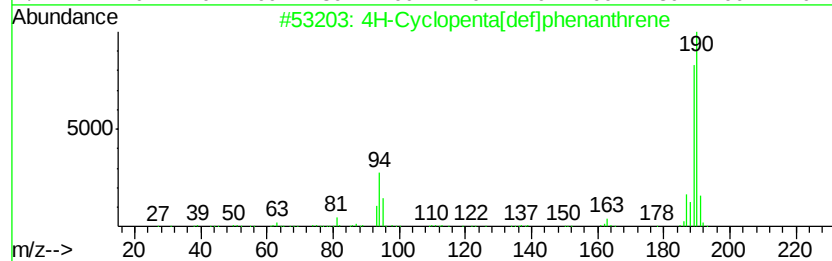
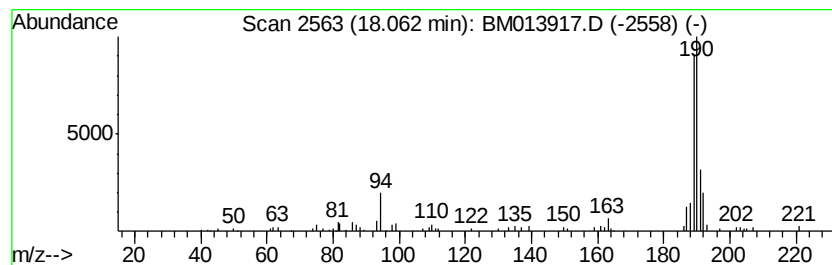
Instrument :
BNA_M
ClientSampleId :
F6A77DL

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 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.06	2.25 ng/ul	176043	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	80
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A77DL

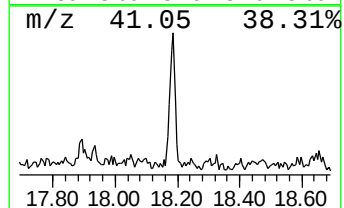
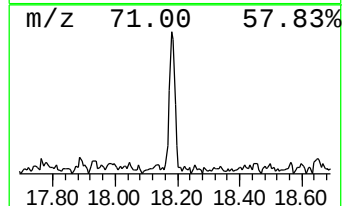
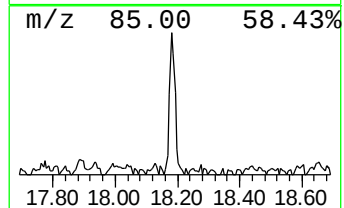
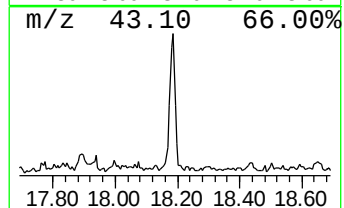
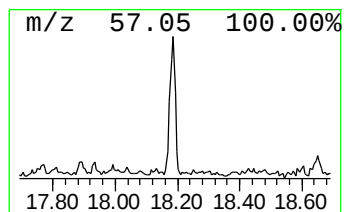
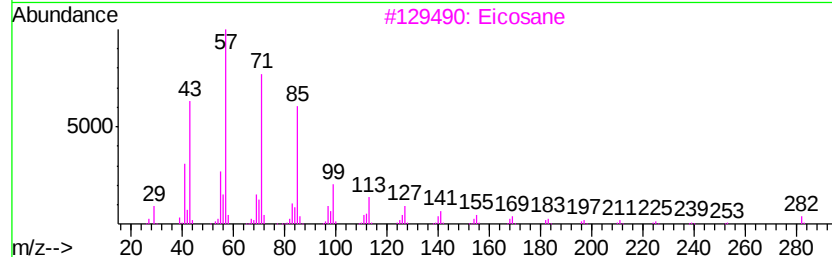
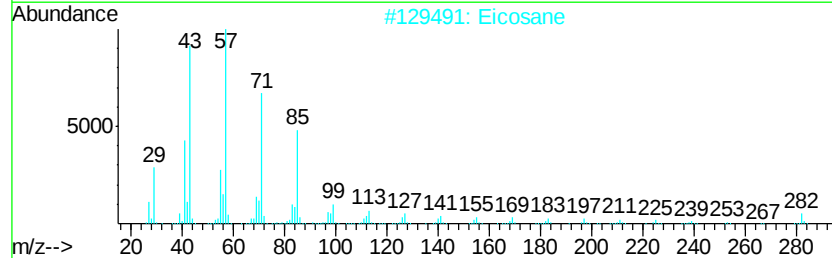
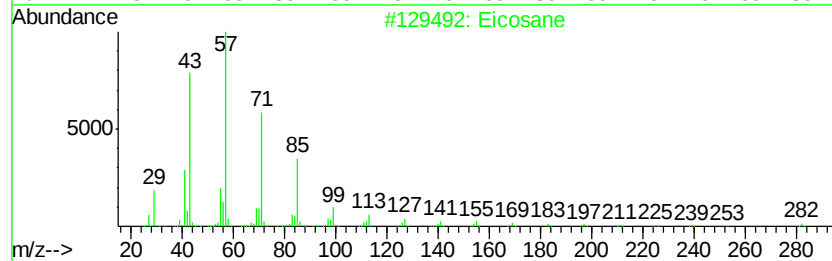
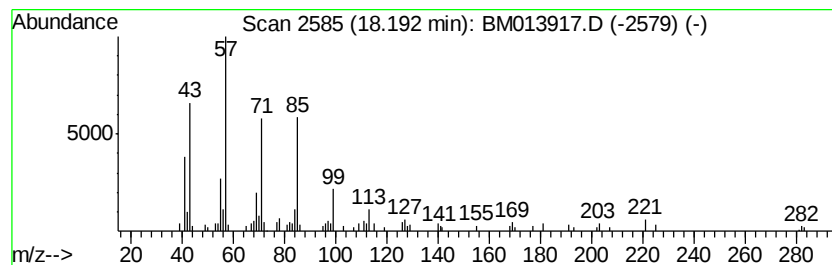
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.17 ng/ul	169678	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	96
2	Eicosane			282	C20H42	000112-95-8	91
3	Eicosane			282	C20H42	000112-95-8	91
4	Tetracosane			338	C24H50	000646-31-1	90
5	Heptadecane			240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012718\
 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

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
Phenol, 3-chloro-	10.29	3.3	ng/ul	228537	2	10.35	1398250	20.0
Isoquinoline	11.20	3.0	ng/ul	209377	2	10.35	1398250	20.0
(DEL) Alkane: Str...	11.78	5.2	ng/ul	359767	2	10.35	1398250	20.0
Naphthalene, 1-me...	12.25	3.3	ng/ul	228242	2	10.35	1398250	20.0
(DEL) Alkane: Str...	14.14	6.4	ng/ul	488962	3	14.23	1526650	20.0
(DEL) Alkane: Str...	15.09	5.8	ng/ul	439691	3	14.23	1526650	20.0
(DEL) Alkane: Str...	15.50	2.1	ng/ul	163676	3	14.23	1526650	20.0
(DEL) Alkane: Str...	15.96	8.6	ng/ul	670176	4	16.99	1565200	20.0
(DEL) Alkane: Str...	16.75	4.2	ng/ul	330142	4	16.99	1565200	20.0
Dibenzothiophene	16.80	2.8	ng/ul	216236	4	16.99	1565200	20.0
(DEL) Alkane: Str...	17.49	3.3	ng/ul	254194	4	16.99	1565200	20.0
4H-Cyclopenta[def...	18.06	2.3	ng/ul	176043	4	16.99	1565200	20.0
(DEL) Alkane: Str...	18.19	2.2	ng/ul	169678	4	16.99	1565200	20.0