

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

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	5.616	440	447	455	rVB2	74621	115437	1.40%	0.180%
2	7.204	712	717	720	rVV	153427	230161	2.79%	0.358%
3	7.581	770	781	789	rBV	587715	1010620	12.27%	1.573%
4	8.069	859	864	867	rBV2	54589	89367	1.08%	0.139%
5	8.222	884	890	895	rBV4	71339	143182	1.74%	0.223%
6	8.334	901	909	913	rBV7	49946	118588	1.44%	0.185%
7	8.757	974	981	983	rVV3	54349	106755	1.30%	0.166%
8	8.792	983	987	996	rVB	316690	480516	5.83%	0.748%
9	9.786	1148	1156	1161	rBV4	73231	146725	1.78%	0.228%
10	10.357	1242	1253	1258	rVV2	790451	2084279	25.30%	3.245%
11	10.410	1258	1262	1268	rVV	449294	762378	9.26%	1.187%
12	10.516	1276	1280	1287	rVV4	137967	239979	2.91%	0.374%
13	10.651	1298	1303	1309	rVB7	50424	93753	1.14%	0.146%
14	10.733	1311	1317	1324	rBV9	39025	88820	1.08%	0.138%
15	11.051	1362	1371	1374	rBV9	57228	130982	1.59%	0.204%
16	11.198	1388	1396	1402	rBV3	164539	356056	4.32%	0.554%
17	11.275	1404	1409	1416	rVB	110733	194263	2.36%	0.302%
18	11.380	1421	1427	1431	rBV2	224694	379124	4.60%	0.590%
19	11.457	1436	1440	1447	rVB3	95832	180731	2.19%	0.281%
20	11.786	1489	1496	1503	rBV	755189	1148126	13.94%	1.787%
21	12.027	1528	1537	1543	rVB	459005	821663	9.98%	1.279%
22	12.251	1568	1575	1582	rVB	282095	467548	5.68%	0.728%
23	12.433	1599	1606	1609	rBV3	68873	115691	1.40%	0.180%
24	12.486	1609	1615	1621	rVV5	86191	213167	2.59%	0.332%
25	12.545	1621	1625	1632	rVV7	62463	134039	1.63%	0.209%
26	12.616	1633	1637	1647	rVV	140766	253037	3.07%	0.394%
27	12.704	1648	1652	1657	rVV2	114786	178297	2.16%	0.278%
28	12.757	1657	1661	1667	rVV	273243	410269	4.98%	0.639%
29	12.810	1667	1670	1677	rVB9	57611	95964	1.17%	0.149%
30	12.986	1695	1700	1704	rBV7	46899	92115	1.12%	0.143%
31	13.057	1704	1712	1718	rVV2	1150793	1725626	20.95%	2.686%
32	13.145	1724	1727	1735	rBV8	41496	86822	1.05%	0.135%
33	13.263	1742	1747	1750	rBV	102650	177090	2.15%	0.276%
34	13.404	1762	1771	1780	rBV4	215332	632103	7.67%	0.984%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

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

35	13.551	1790	1796	1801	rBV3	316715	619888	7.53%	0.965%
36	13.604	1801	1805	1808	rVV2	203440	343462	4.17%	0.535%
37	13.639	1808	1811	1817	rVB4	153671	287330	3.49%	0.447%
38	13.716	1817	1824	1828	rBV2	402444	623730	7.57%	0.971%
39	13.763	1828	1832	1835	rBV2	151835	204913	2.49%	0.319%
40	13.839	1840	1845	1848	rVV3	82237	110320	1.34%	0.172%
41	13.927	1856	1860	1863	rBV	139186	195423	2.37%	0.304%
42	13.963	1863	1866	1872	rVB5	87023	129553	1.57%	0.202%
43	14.051	1877	1881	1885	rBV4	59382	87417	1.06%	0.136%
44	14.139	1891	1896	1901	rBV	1464568	1862787	22.61%	2.900%
45	14.221	1901	1910	1918	rBV3	1397376	3194957	38.79%	4.974%
46	14.298	1918	1923	1932	rVB	480798	769301	9.34%	1.198%
47	14.380	1932	1937	1943	rBV3	170100	259271	3.15%	0.404%
48	14.451	1944	1949	1958	rVB5	162125	438718	5.33%	0.683%
49	14.533	1958	1963	1967	rBV6	70935	174247	2.12%	0.271%
50	14.592	1969	1973	1977	rBV5	118972	248811	3.02%	0.387%
51	14.639	1977	1981	1987	rVB2	534574	789053	9.58%	1.228%
52	14.710	1988	1993	1999	rBV3	133556	233310	2.83%	0.363%
53	14.763	1999	2002	2005	rBV3	254045	374852	4.55%	0.584%
54	14.874	2016	2021	2026	rVV3	399949	650618	7.90%	1.013%
55	15.010	2038	2044	2051	rBV6	129035	349835	4.25%	0.545%
56	15.098	2055	2059	2064	rVB	1443533	1757014	21.33%	2.735%
57	15.233	2078	2082	2086	rVB2	162172	227863	2.77%	0.355%
58	15.292	2086	2092	2096	rBV	408084	601194	7.30%	0.936%
59	15.345	2096	2101	2105	rVB4	106685	190211	2.31%	0.296%
60	15.410	2107	2112	2116	rVB8	72995	150154	1.82%	0.234%
61	15.504	2123	2128	2133	rVB	394725	594403	7.22%	0.925%
62	15.598	2139	2144	2150	rVB7	156802	339418	4.12%	0.528%
63	15.657	2150	2154	2158	rBV3	151763	233734	2.84%	0.364%
64	15.704	2158	2162	2174	rVB	1188203	1768888	21.47%	2.754%
65	15.804	2175	2179	2186	rBV6	76179	138000	1.68%	0.215%
66	15.963	2202	2206	2214	rBV	1449896	2782497	33.78%	4.332%
67	16.033	2214	2218	2222	rVB	589798	748707	9.09%	1.166%
68	16.304	2260	2264	2267	rVB6	105591	136129	1.65%	0.212%
69	16.645	2316	2322	2331	rBV	5718306	8237163	100.00%	12.824%
70	16.757	2336	2341	2346	rVV	1222275	1621205	19.68%	2.524%
71	16.810	2346	2350	2360	rVB2	436455	697806	8.47%	1.086%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

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

72	16.898	2361	2365	2369	rBV	179407	221209	2.69%	0.344%
73	16.992	2375	2381	2384	rBV	1303050	1863446	22.62%	2.901%
74	17.033	2384	2388	2393	rVV	1271475	1816258	22.05%	2.828%
75	17.092	2394	2398	2401	rVV2	224958	382920	4.65%	0.596%
76	17.127	2401	2404	2409	rVB	215217	289769	3.52%	0.451%
77	17.215	2415	2419	2426	rVB3	249065	413685	5.02%	0.644%
78	17.292	2429	2432	2436	rVB6	66511	105482	1.28%	0.164%
79	17.409	2447	2452	2462	rVB4	169506	399525	4.85%	0.622%
80	17.492	2462	2466	2472	rBV	944159	1225713	14.88%	1.908%
81	17.574	2477	2480	2488	rVB4	110363	215383	2.61%	0.335%
82	17.774	2510	2514	2521	rBV9	90022	173467	2.11%	0.270%
83	17.868	2526	2530	2532	rBV	93618	117822	1.43%	0.183%
84	17.915	2534	2538	2545	rVB3	159941	331690	4.03%	0.516%
85	18.062	2558	2563	2566	rBV3	145978	221988	2.69%	0.346%
86	18.186	2580	2584	2594	rBV	793484	969492	11.77%	1.509%
87	18.374	2612	2616	2619	rBV2	93631	141059	1.71%	0.220%
88	18.533	2640	2643	2649	rVB4	67612	92288	1.12%	0.144%
89	18.792	2680	2687	2689	rBV8	82582	151859	1.84%	0.236%
90	18.827	2689	2693	2701	rVB	714064	915430	11.11%	1.425%
91	19.056	2727	2732	2740	rVB	552070	752414	9.13%	1.171%
92	19.415	2785	2793	2799	rBV4	814399	1613730	19.59%	2.512%
93	19.609	2818	2826	2831	rBV4	60352	180896	2.20%	0.282%
94	19.950	2880	2884	2889	rVB	519056	575461	6.99%	0.896%
95	20.445	2965	2968	2973	rBV	381318	431696	5.24%	0.672%
96	20.909	3044	3047	3051	rVB	321563	358080	4.35%	0.557%
97	21.192	3090	3095	3100	rBV	1664244	2148689	26.09%	3.345%
98	21.345	3118	3121	3125	rVB	259577	300426	3.65%	0.468%
99	21.774	3191	3194	3197	rVB	204146	208379	2.53%	0.324%
100	23.380	3461	3467	3477	rVB	1080743	1939767	23.55%	3.020%

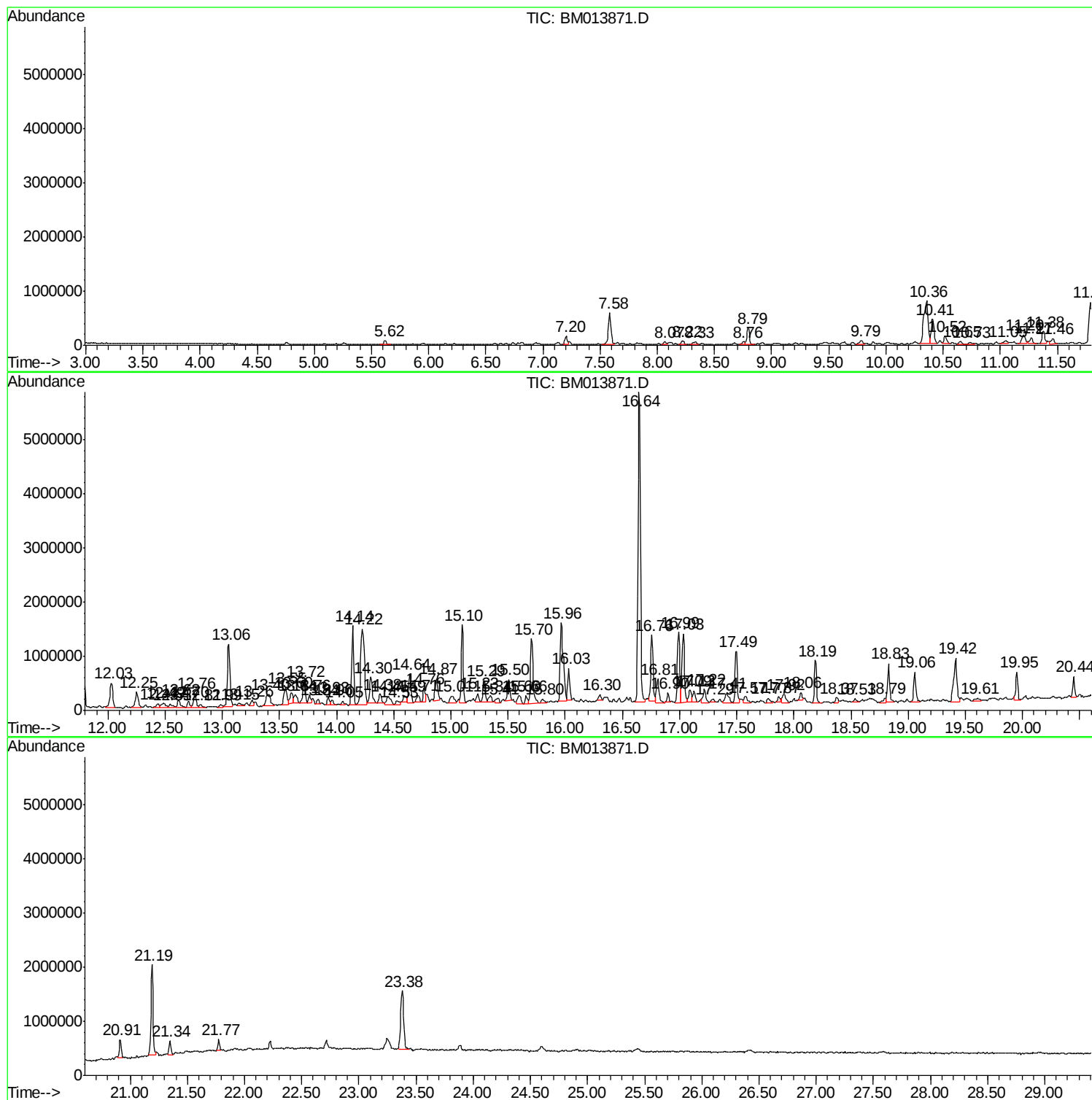
Sum of corrected areas: 64233478

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

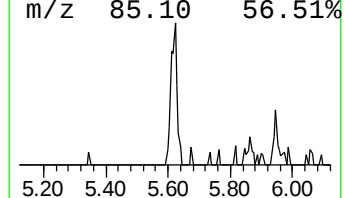
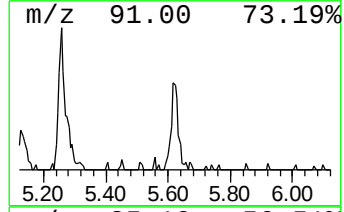
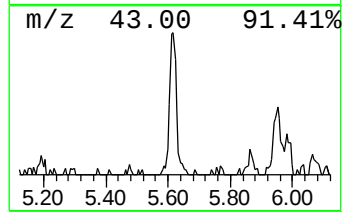
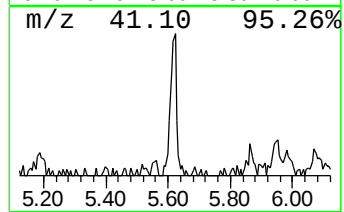
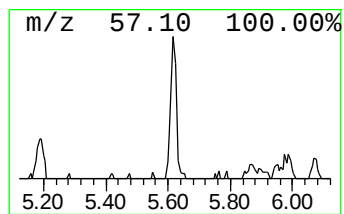
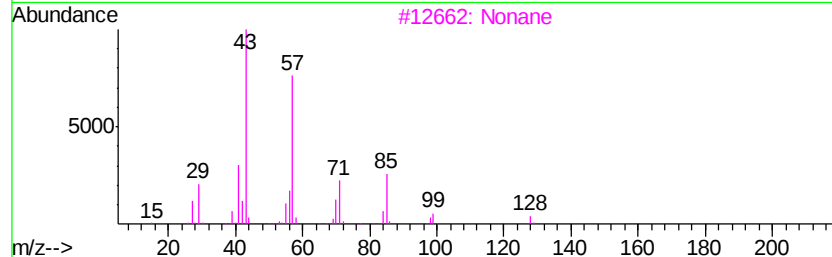
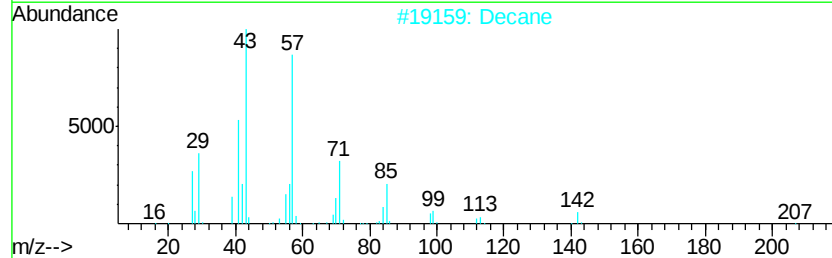
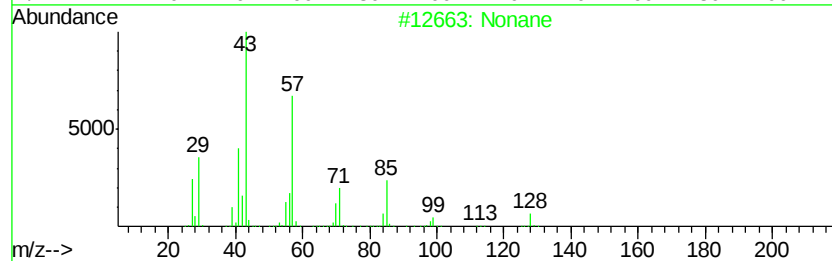
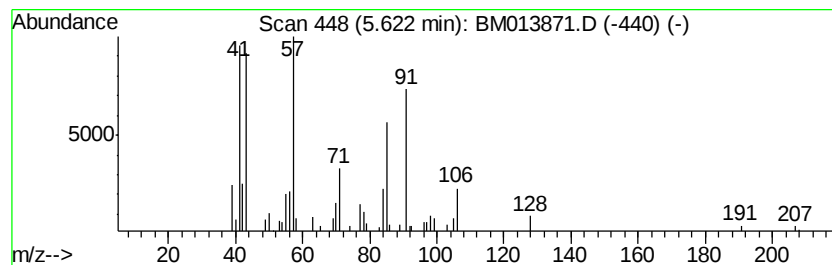
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.28 ng/ul	115437	1,4-Dichlorobenzene-d4	7.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	62
2		Decane	142	C10H22	000124-18-5	59
3		Nonane	128	C9H20	000111-84-2	58
4		Undecane	156	C11H24	001120-21-4	53
5		Nonane	128	C9H20	000111-84-2	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

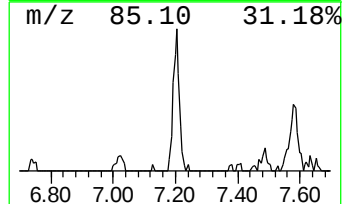
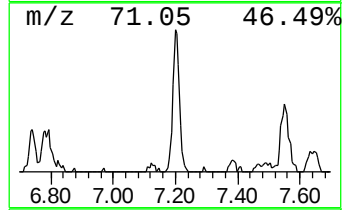
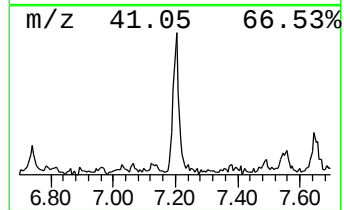
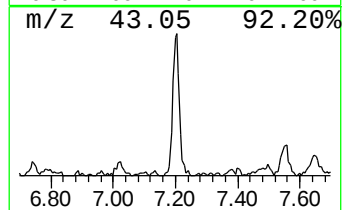
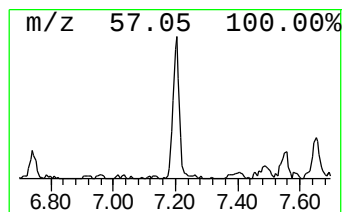
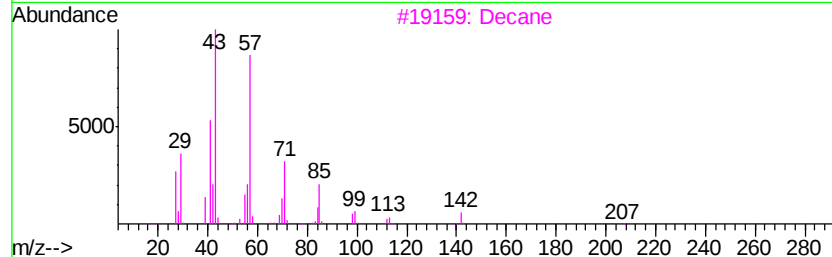
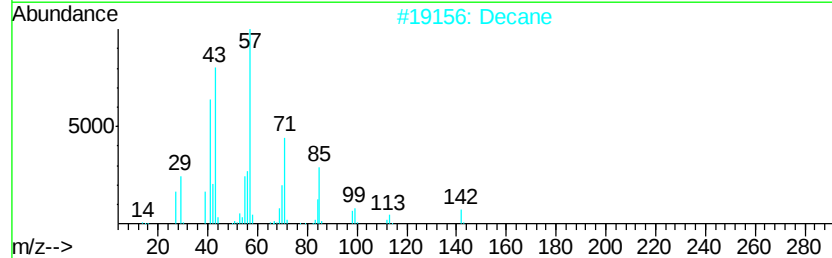
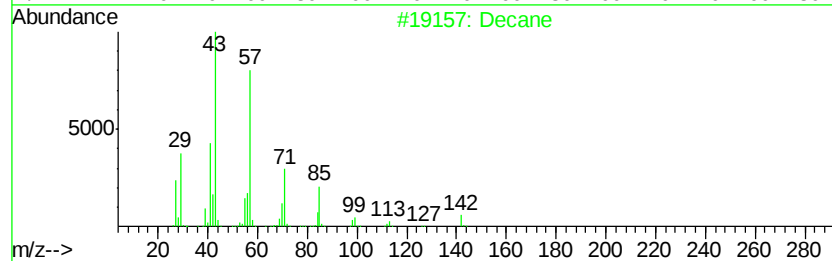
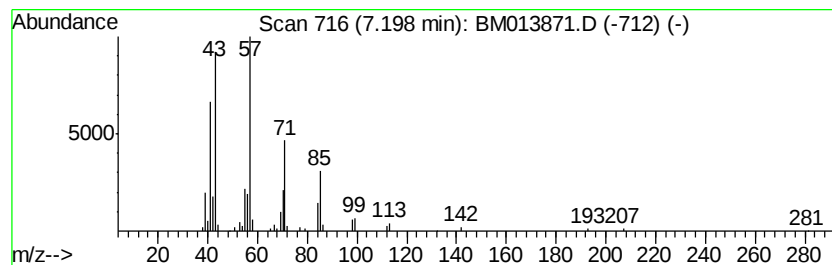
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	4.55 ng/ul	230161	1,4-Dichlorobenzene-d4	7.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	94
2	Decane			142	C10H22	000124-18-5	91
3	Decane			142	C10H22	000124-18-5	91
4	Undecane			156	C11H24	001120-21-4	90
5	Decane			142	C10H22	000124-18-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

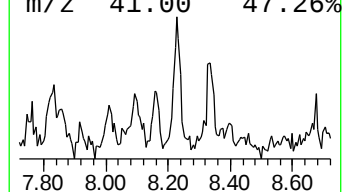
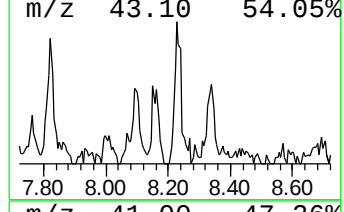
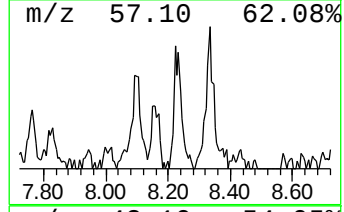
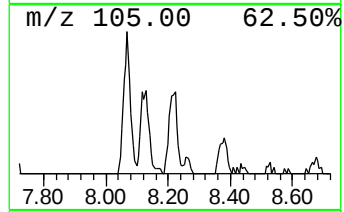
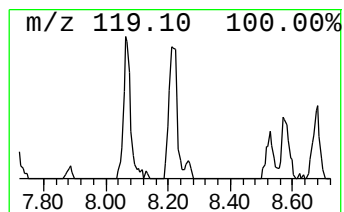
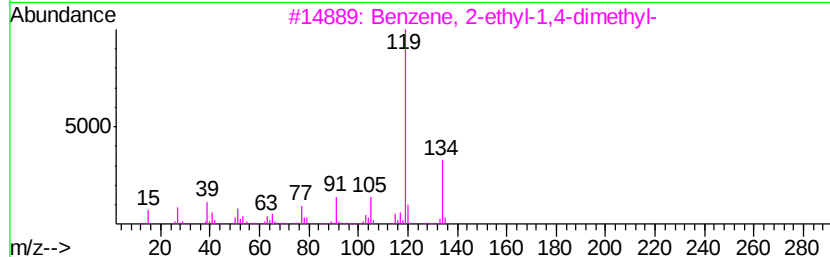
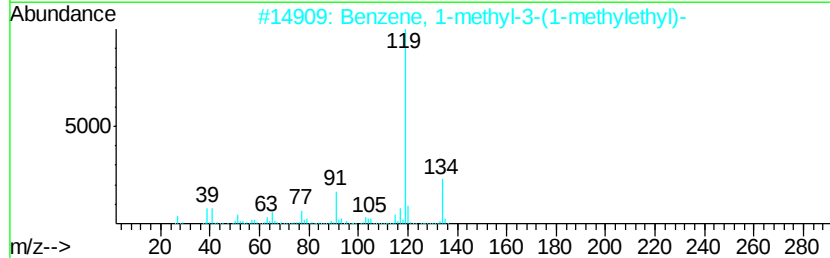
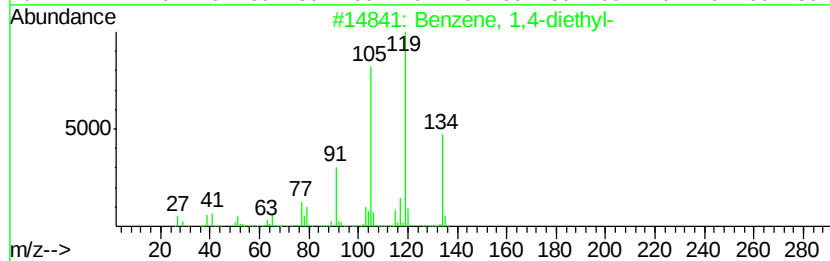
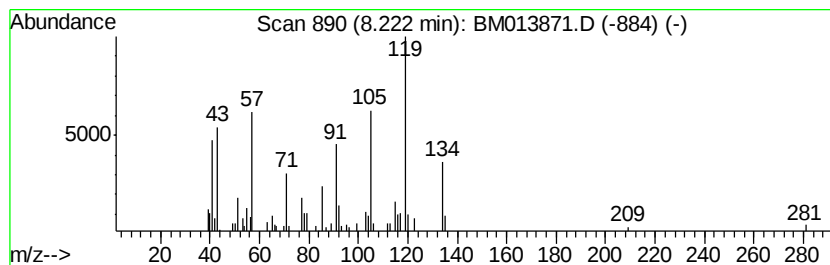
Instrument :
BNA_M
ClientSampleId :
F6A80DL

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 3 Benzene, 1,4-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.83 ng/ul	143182	1,4-Dichlorobenzene-d4	7.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-diethyl-	134 C10H14	000105-05-5 81
2		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 74
3		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 72
4		Benzene, 4-ethyl-1,2-dimethyl-	134 C10H14	000934-80-5 72
5		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

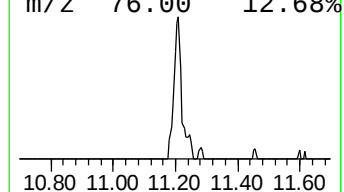
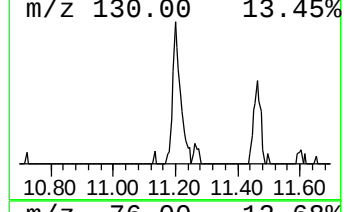
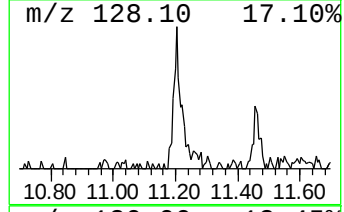
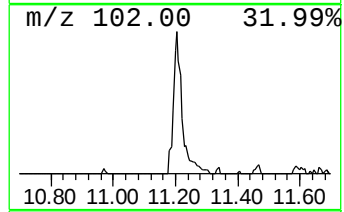
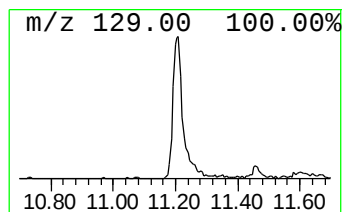
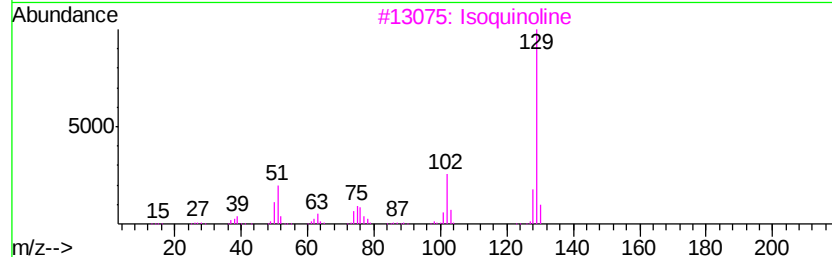
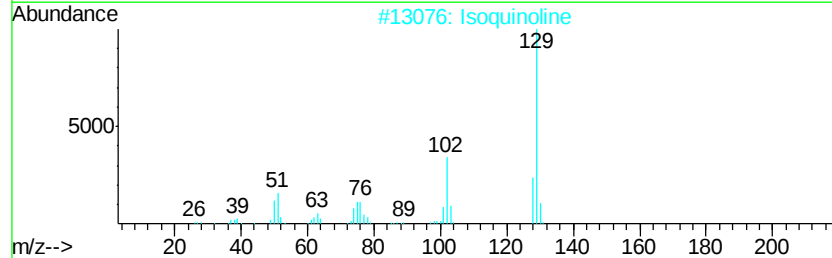
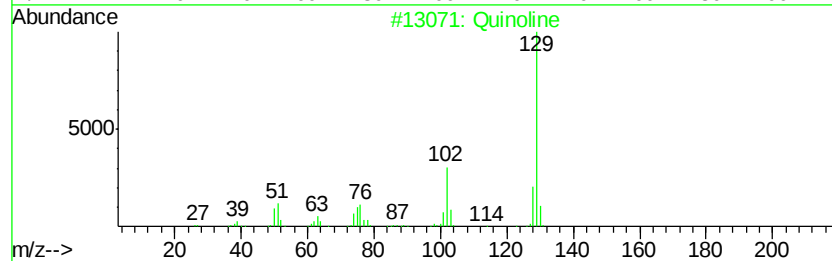
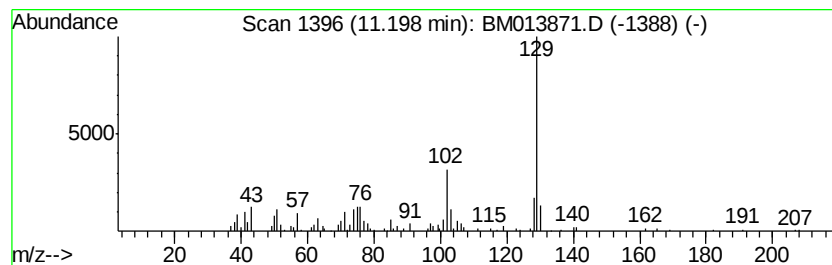
Instrument :
BNA_M
ClientSampleId :
F6A80DL

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 4 Quinoline Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	3.42 ng/ul	356056	Napthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Quinoline	129 C9H7N	000091-22-5	96
2	Isoquinoline	129 C9H7N	000119-65-3	95
3	Isoquinoline	129 C9H7N	000119-65-3	94
4	Isoquinoline	129 C9H7N	000119-65-3	90
5	Quinoline	129 C9H7N	000091-22-5	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F6A80DL

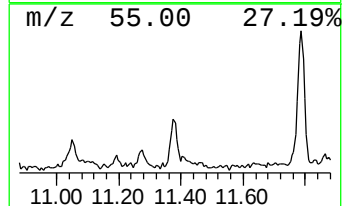
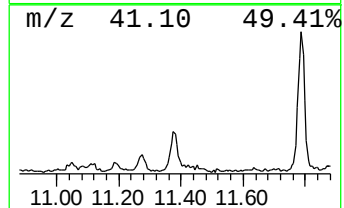
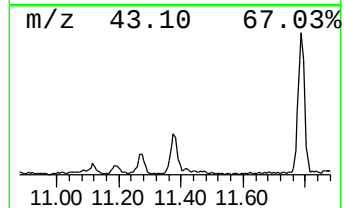
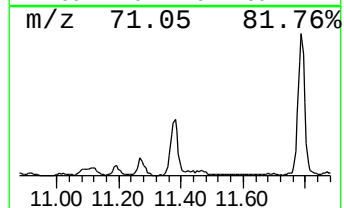
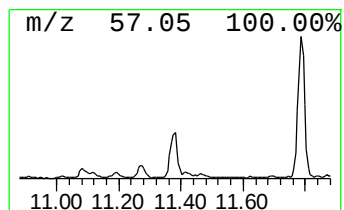
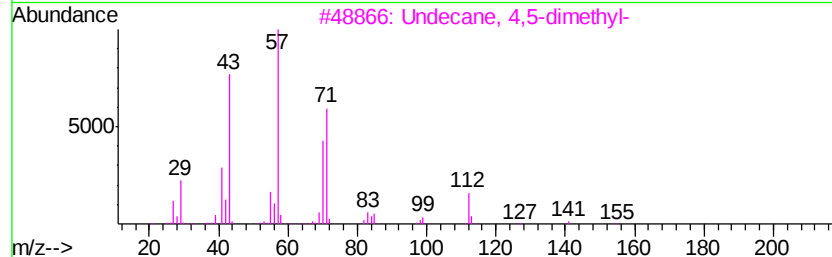
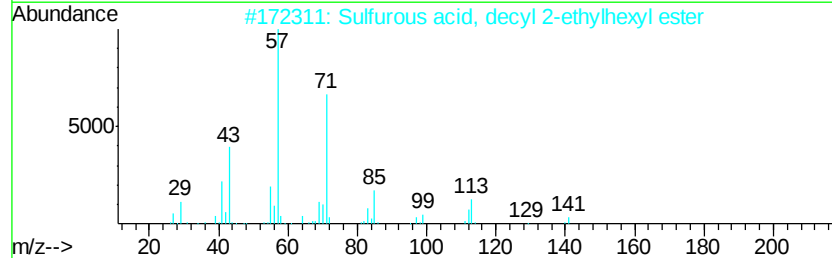
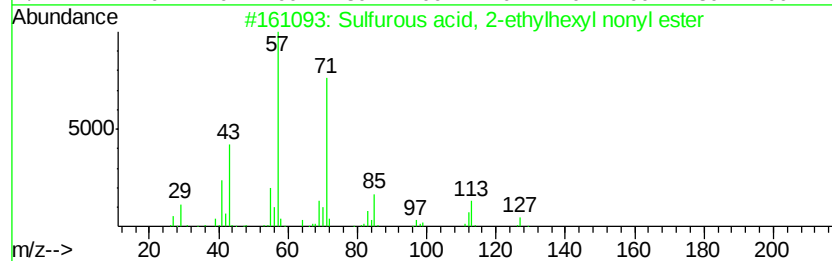
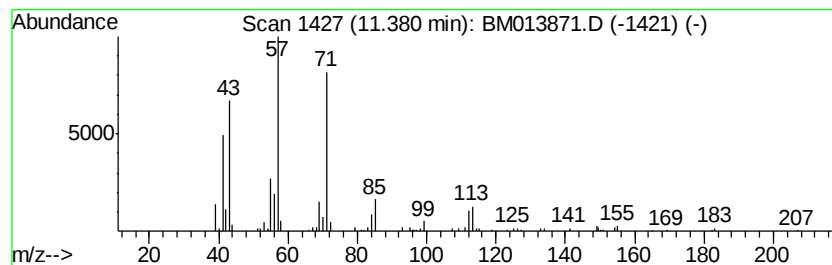
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.64 ng/ul	379124	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
4		Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
5		Decane, 4-methyl-	156	C11H24	002847-72-5	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

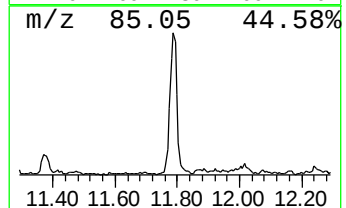
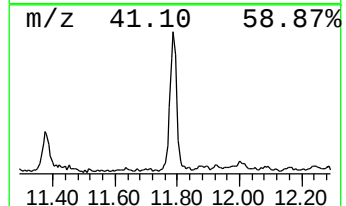
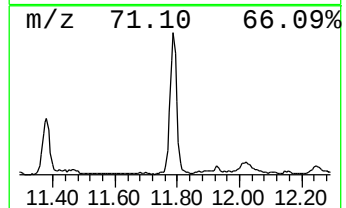
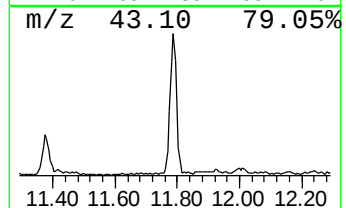
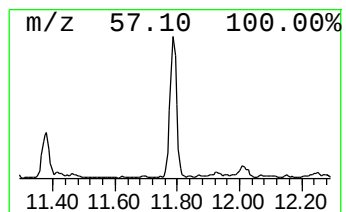
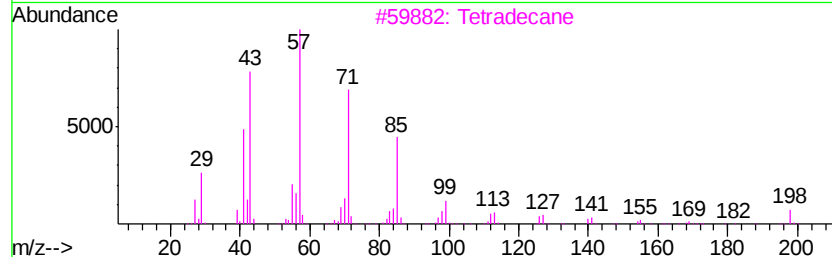
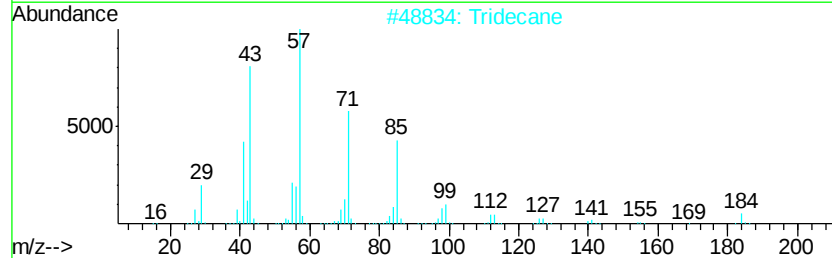
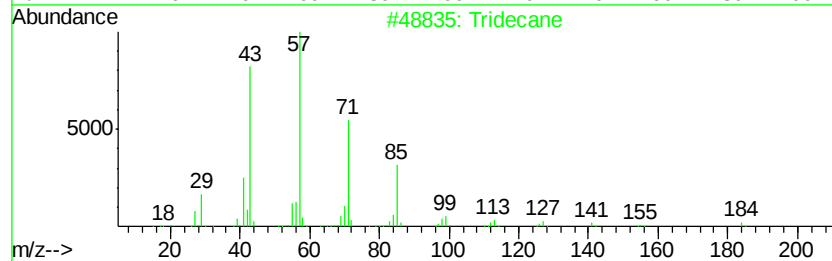
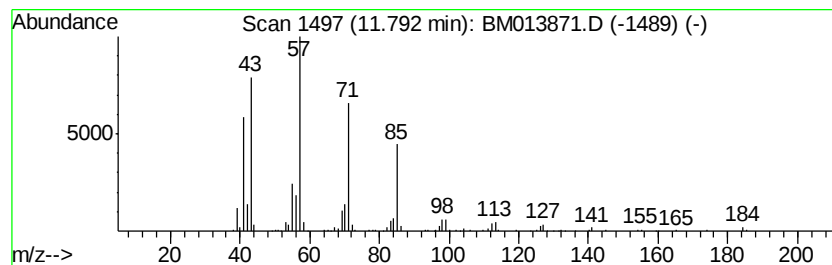
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.02 ng/ul	1148130	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	95
3		Tetradecane	198	C14H30	000629-59-4	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

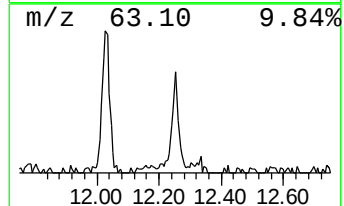
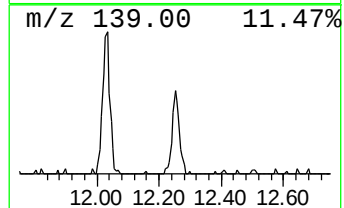
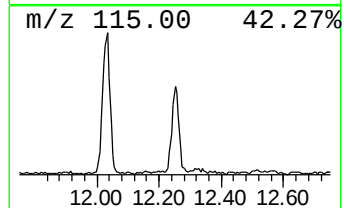
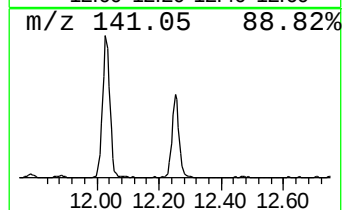
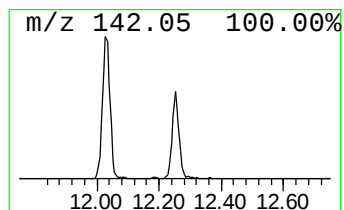
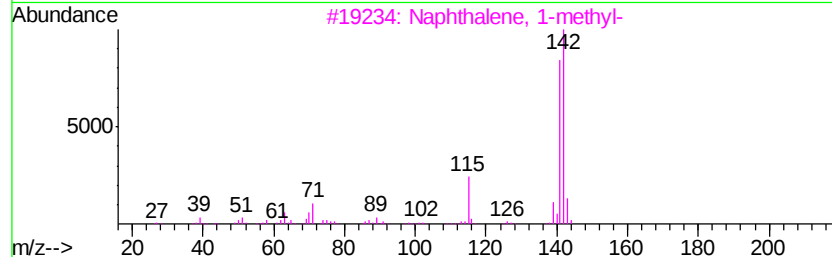
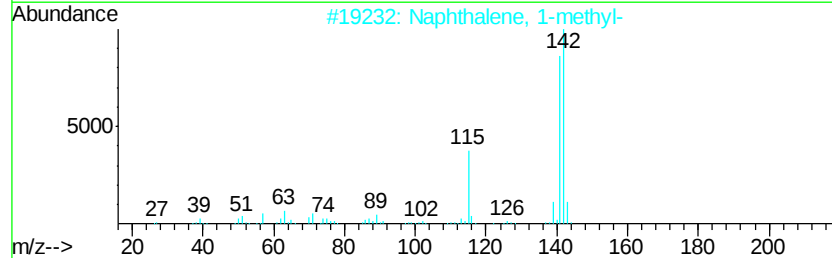
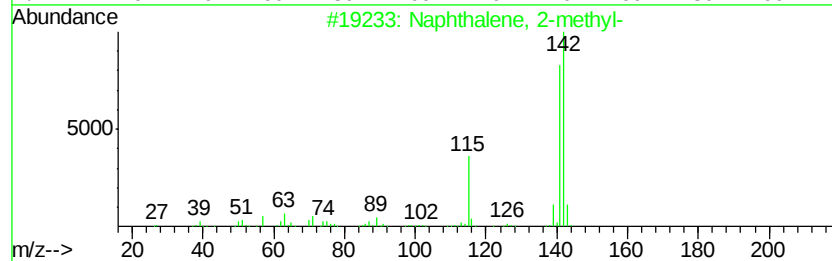
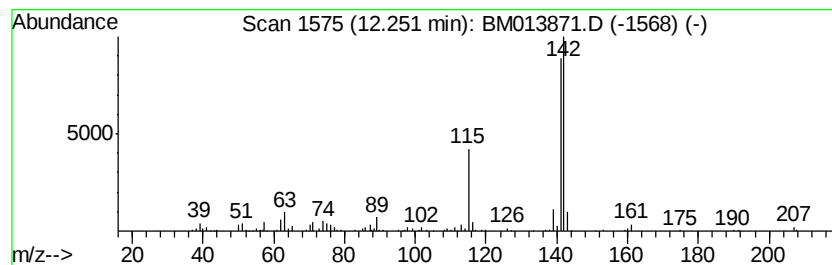
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.49 ng/ul	467548	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
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\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

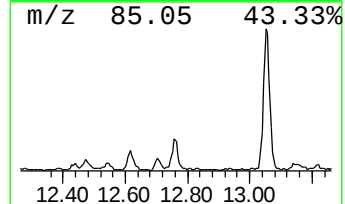
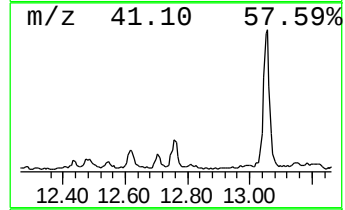
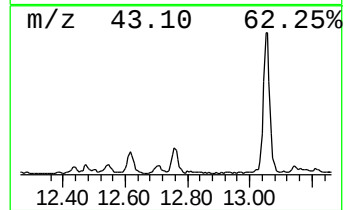
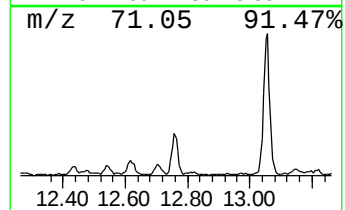
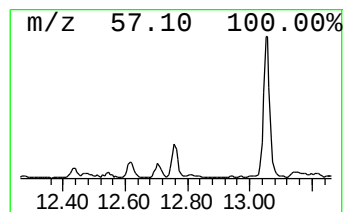
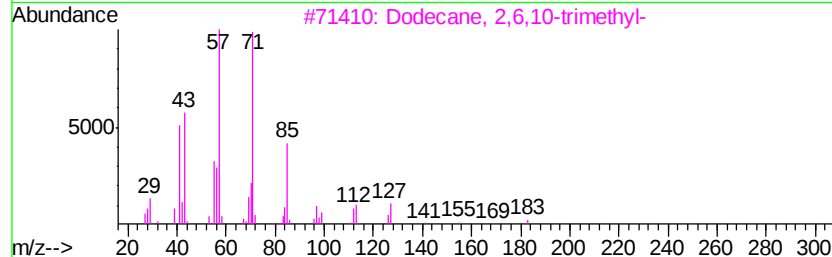
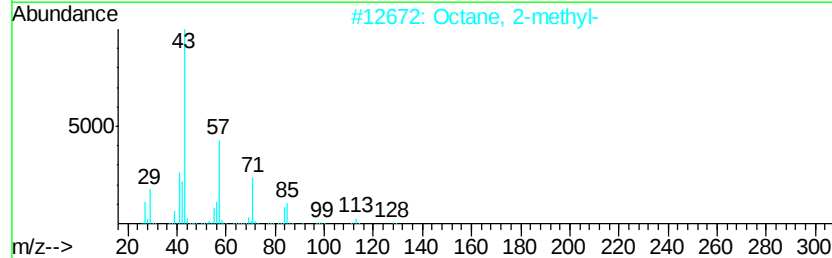
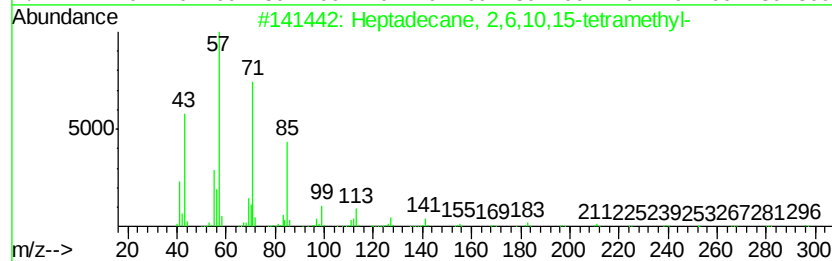
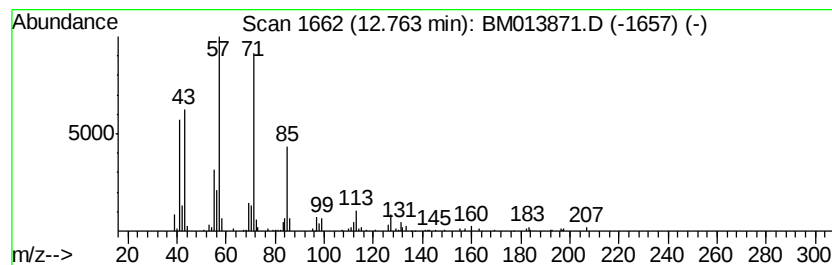
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.57 ng/ul	410269	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Octane, 2-methyl-	128	C9H20	003221-61-2	87
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

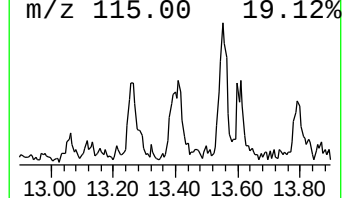
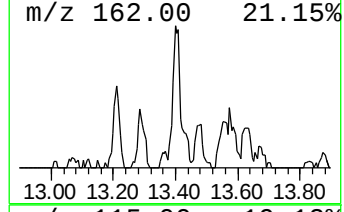
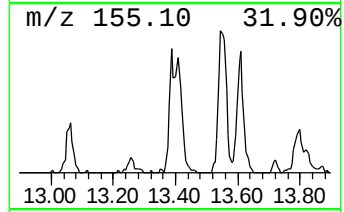
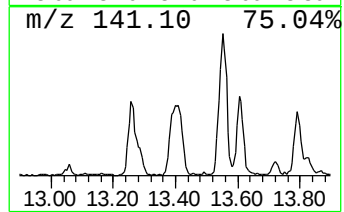
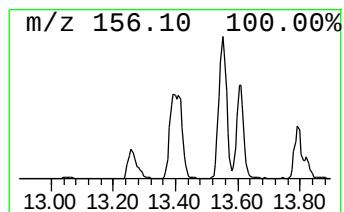
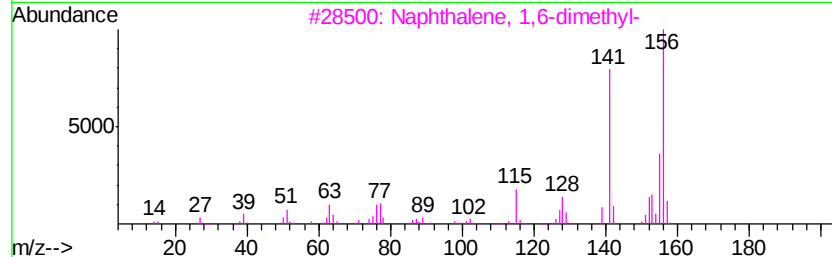
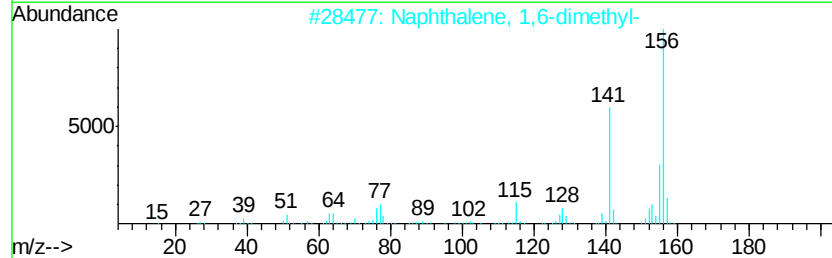
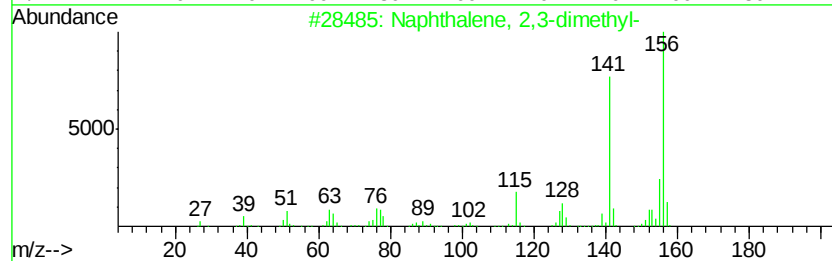
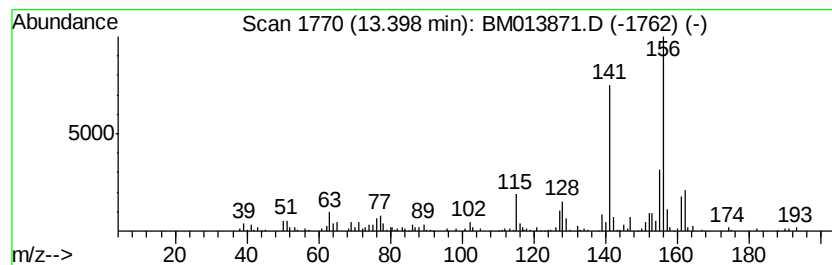
Instrument :
BNA_M
ClientSampleID :
F6A80DL

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 9 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.96 ng/ul	632103	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 89
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 89



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

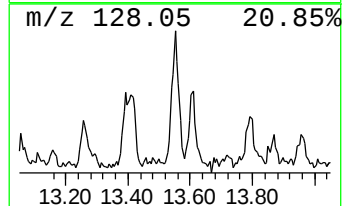
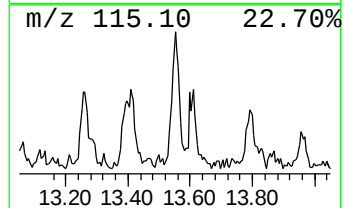
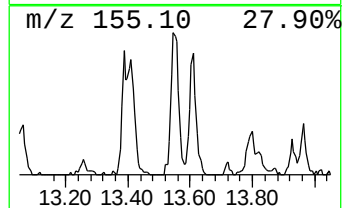
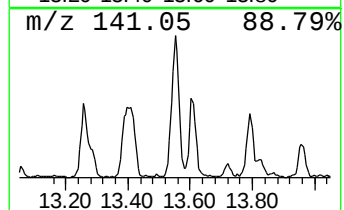
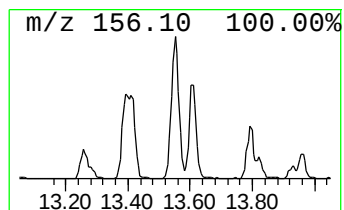
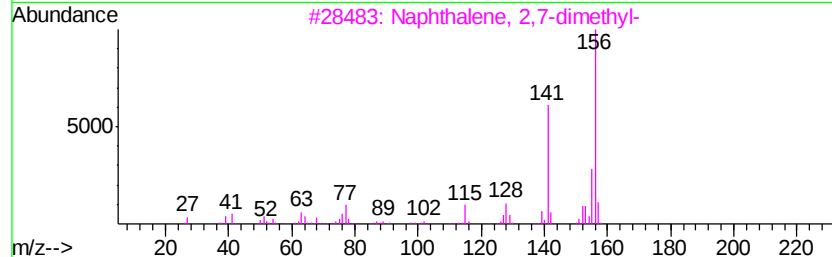
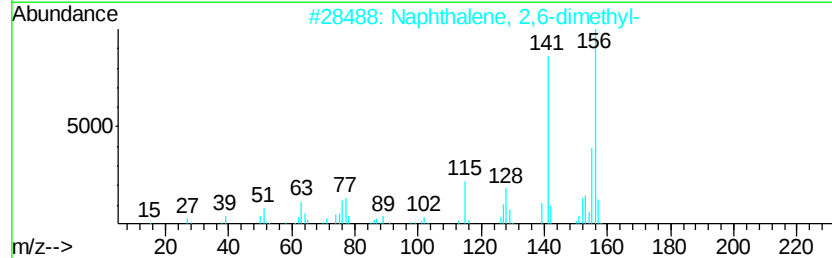
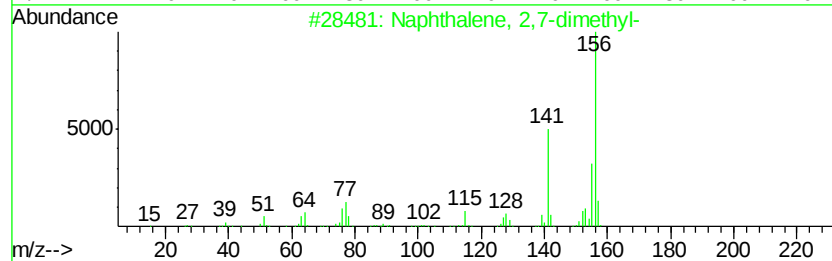
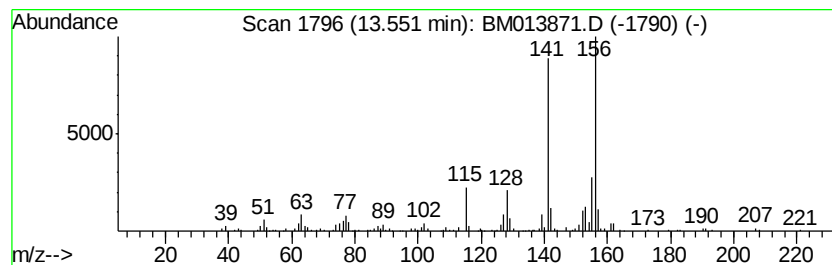
Instrument :
BNA_M
ClientSampleId :
F6A80DL

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 10 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.88 ng/ul	619888	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

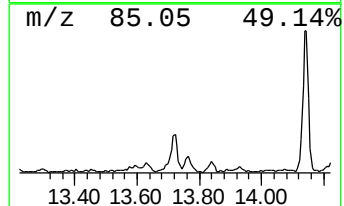
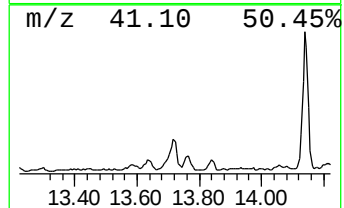
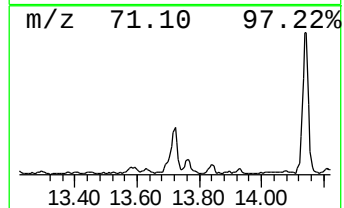
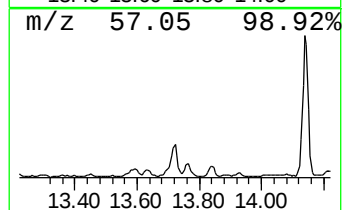
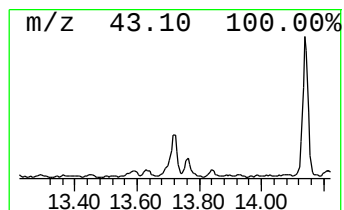
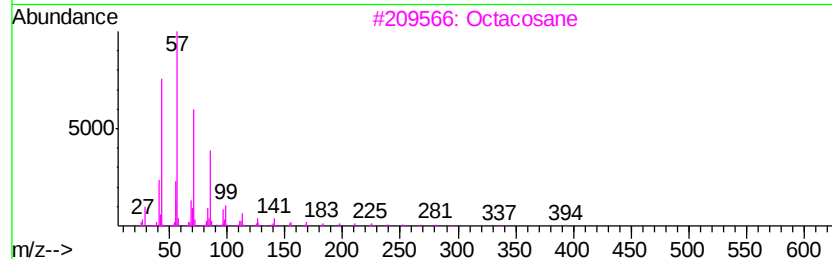
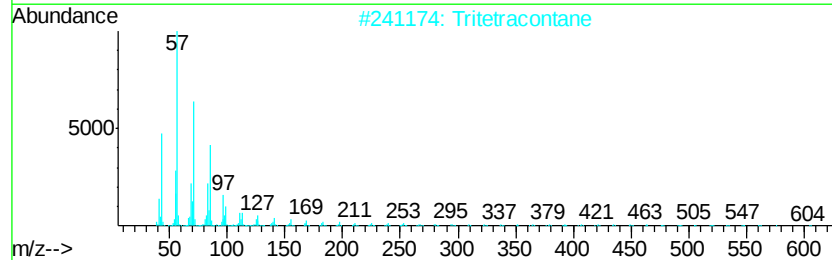
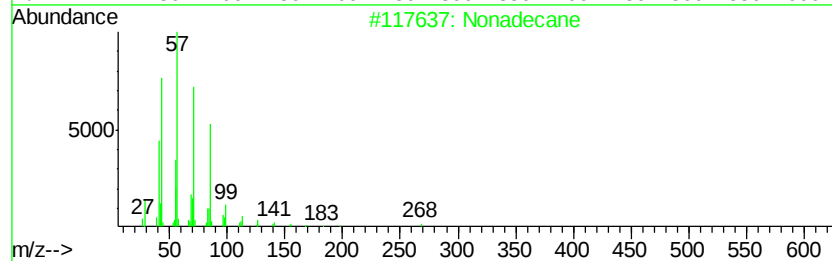
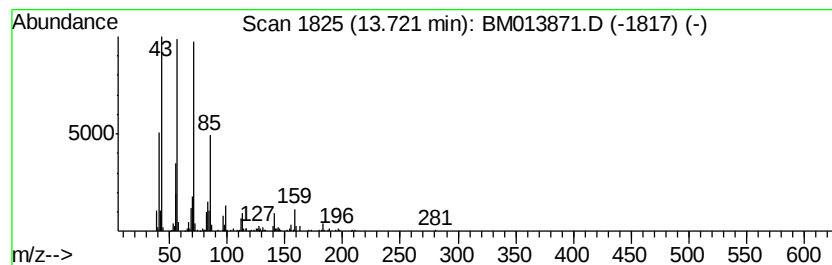
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.90 ng/ul	623730	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	72
2			Tritetracontane	605	C43H88	007098-21-7	64
3			Octacosane	394	C28H58	000630-02-4	58
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52
5			Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

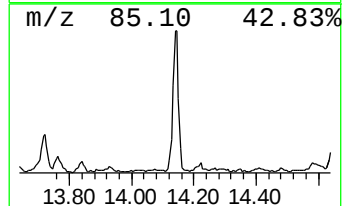
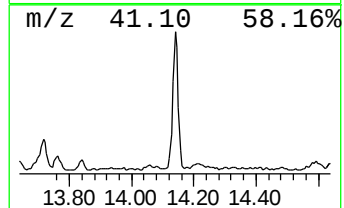
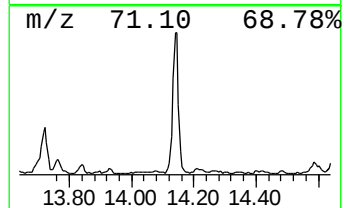
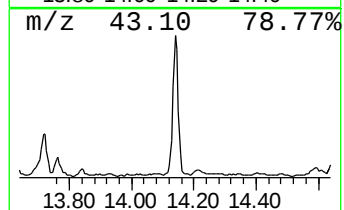
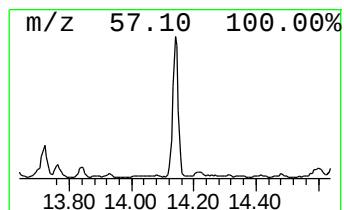
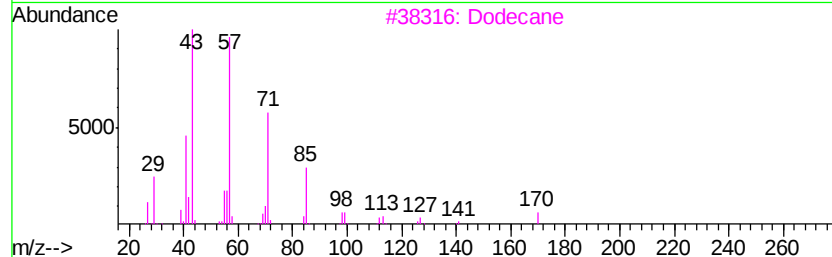
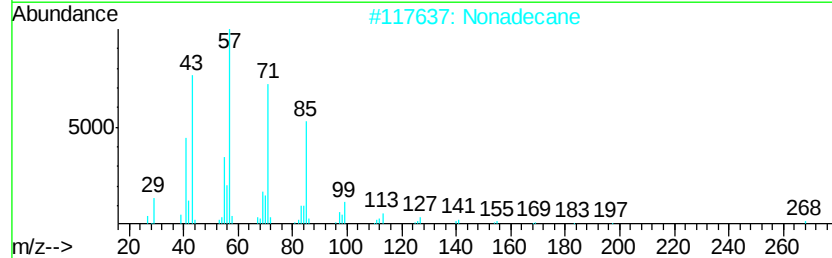
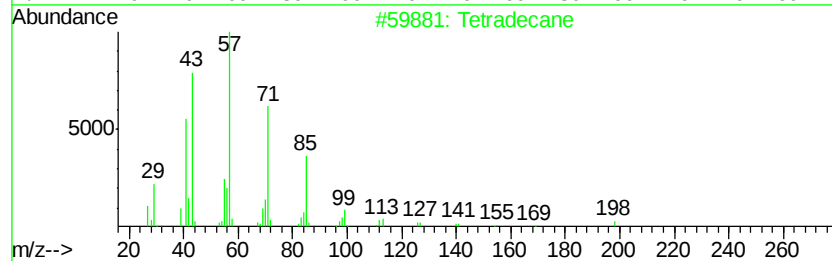
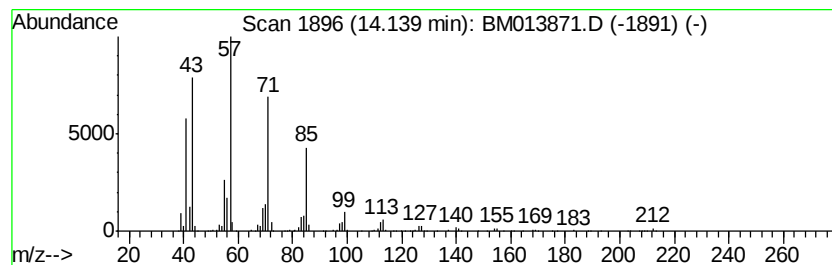
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	11.66 ng/ul	1862790	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Dodecane	170	C12H26	000112-40-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

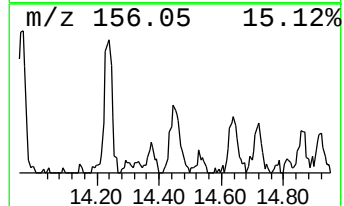
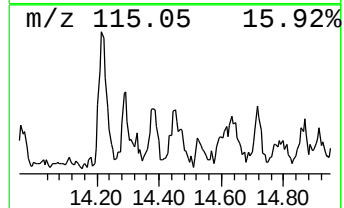
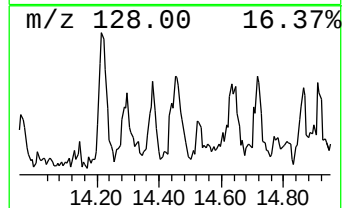
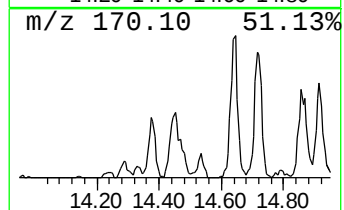
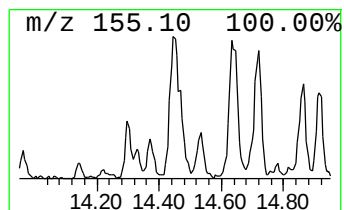
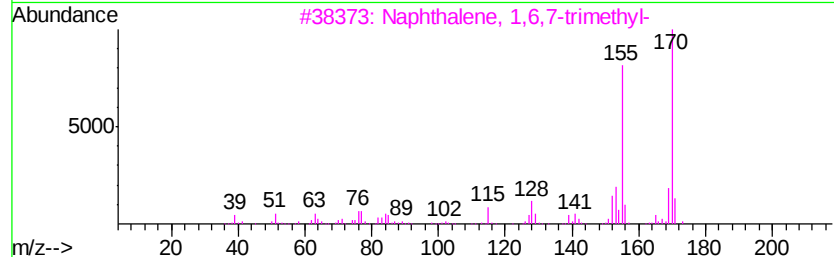
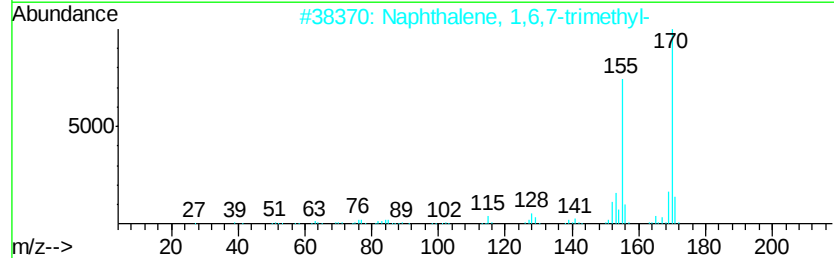
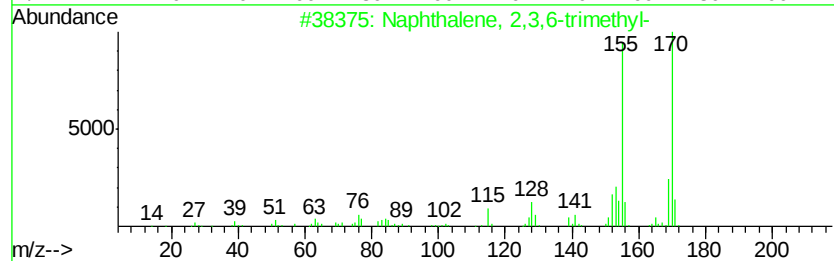
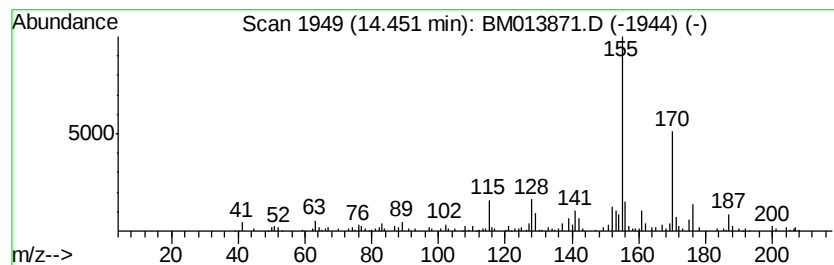
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.75 ng/ul	438718	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

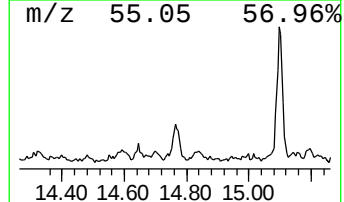
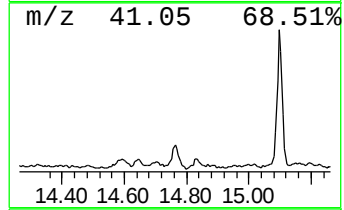
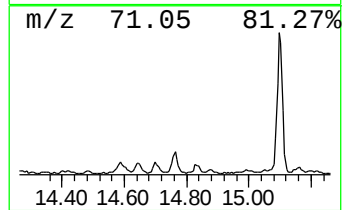
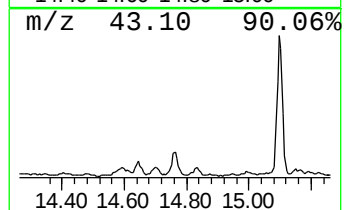
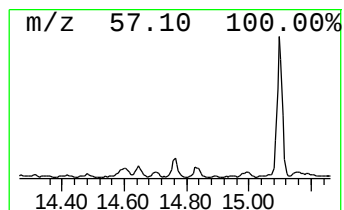
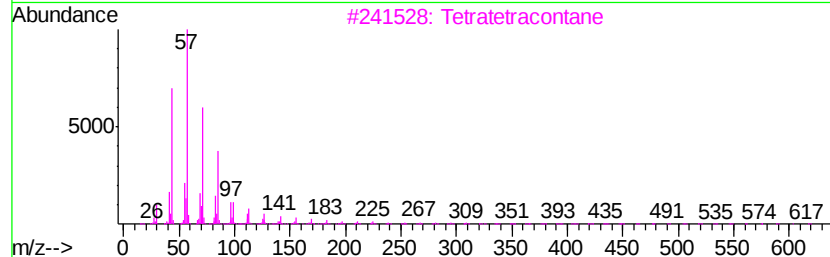
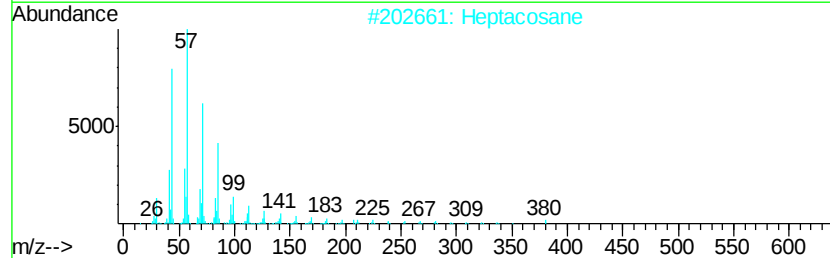
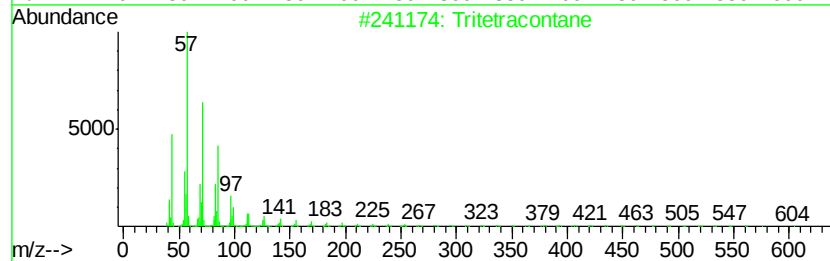
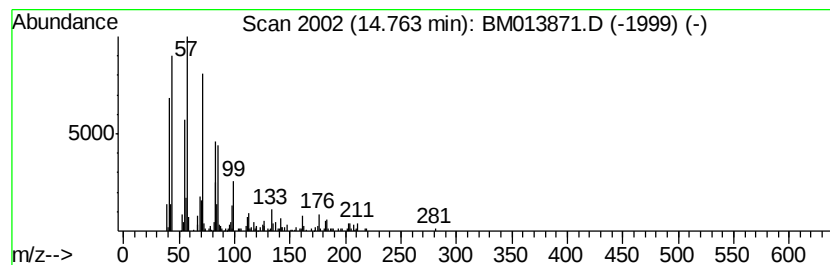
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.35 ng/ul	374852	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	58
2			Heptacosane	380	C27H56	000593-49-7	58
3			Tetratetracontane	619	C44H90	007098-22-8	58
4			Nonadecane	268	C19H40	000629-92-5	58
5			Tetratetracontane	619	C44H90	007098-22-8	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A80DL

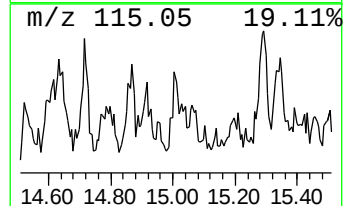
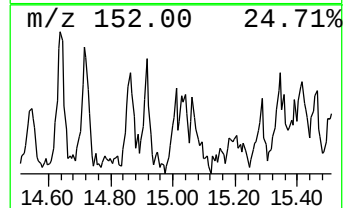
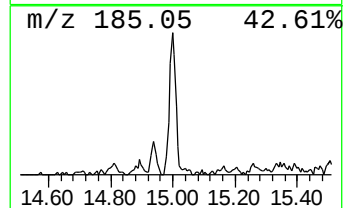
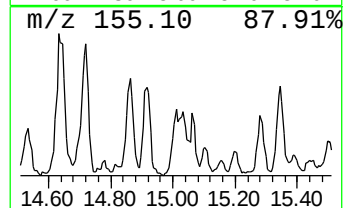
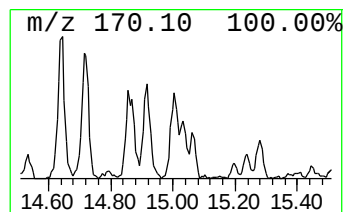
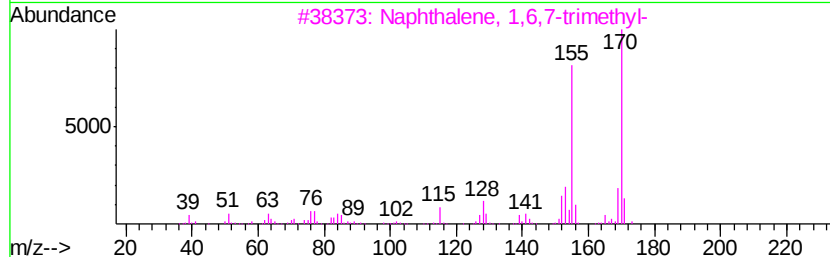
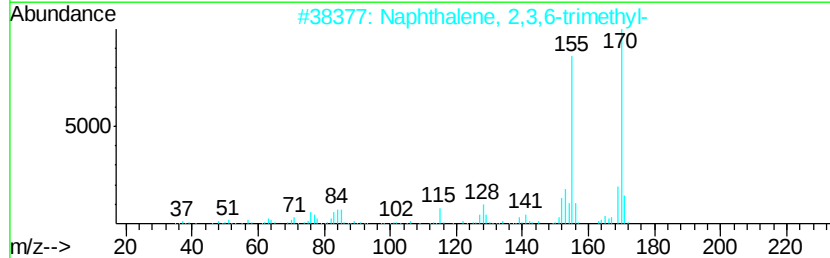
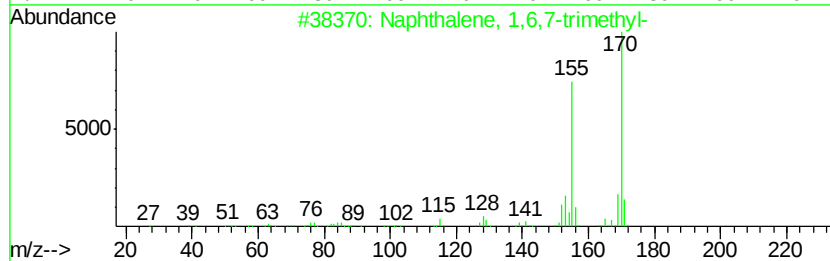
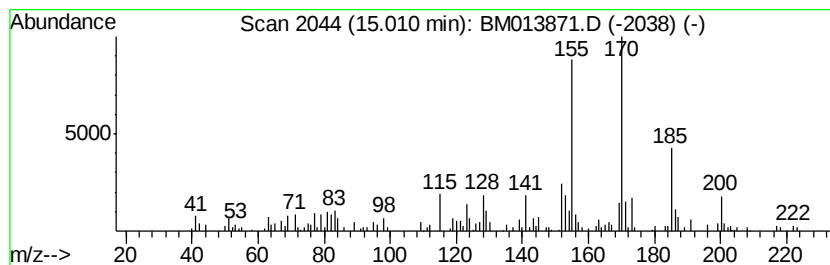
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.19 ng/ul	349835	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

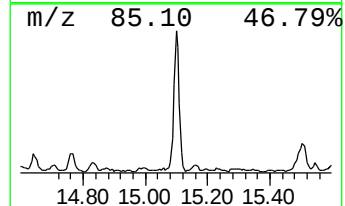
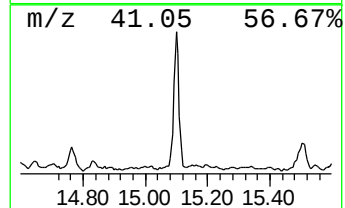
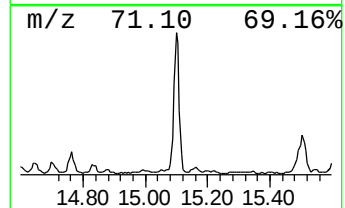
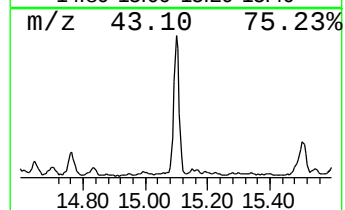
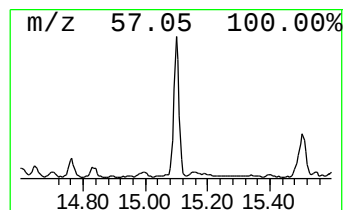
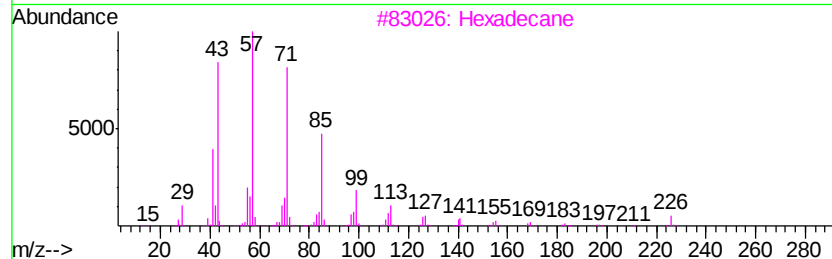
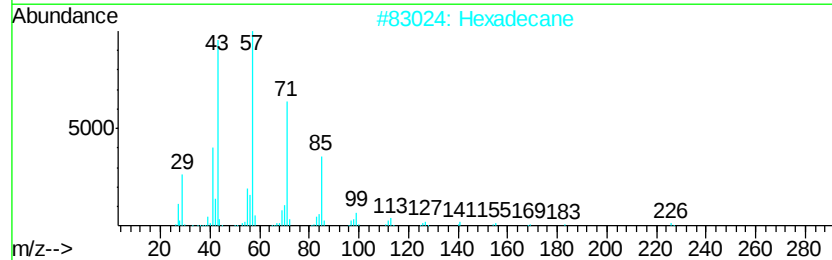
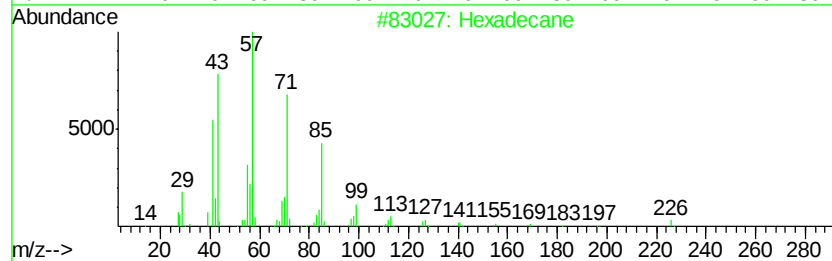
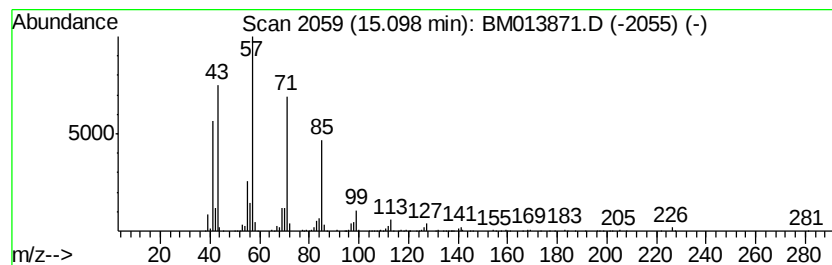
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	11.00 ng/ul	1757010	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Hexadecane	226	C16H34	000544-76-3	95
3			Hexadecane	226	C16H34	000544-76-3	95
4			Hexadecane	226	C16H34	000544-76-3	93
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

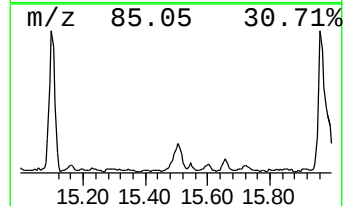
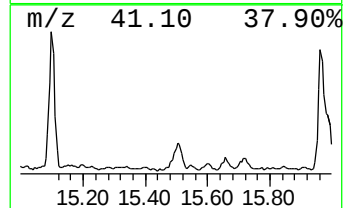
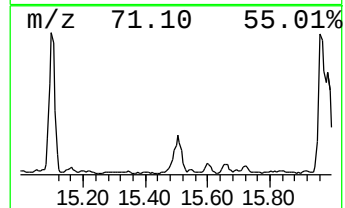
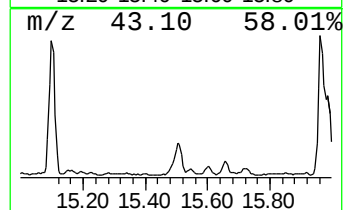
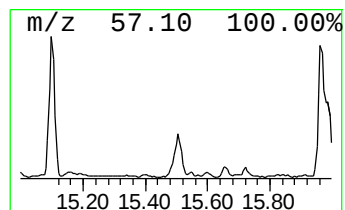
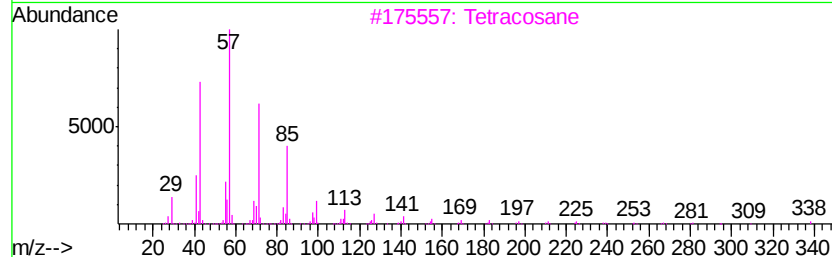
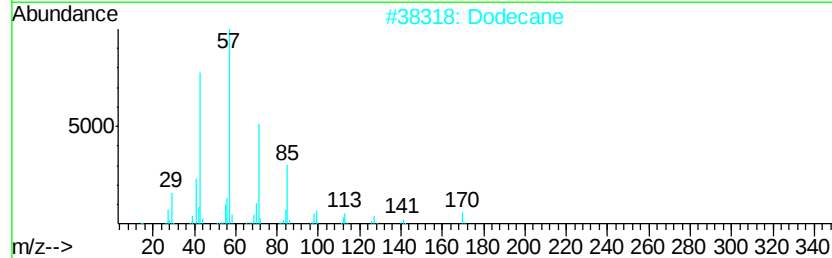
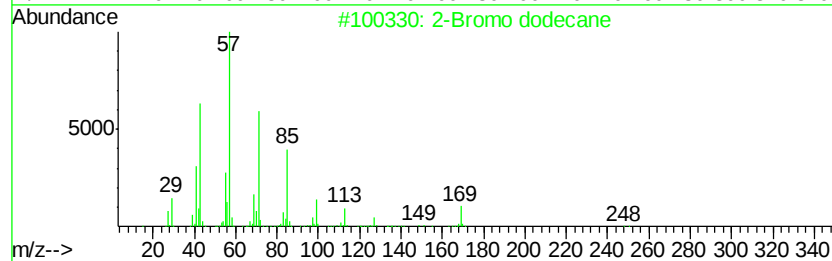
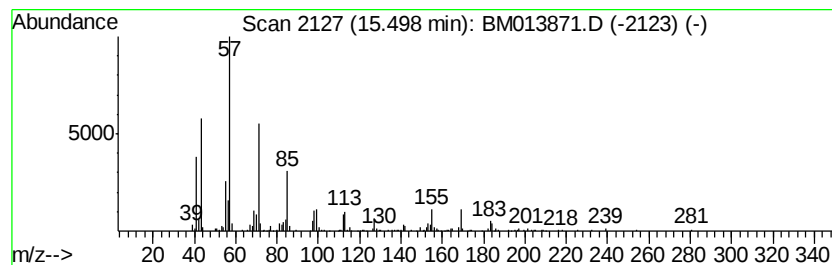
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.72 ng/ul	594403	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2			Dodecane	170	C12H26	000112-40-3	74
3			Tetracosane	338	C24H50	000646-31-1	68
4			Decane, 2-methyl-	156	C11H24	006975-98-0	64
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

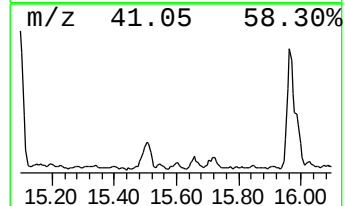
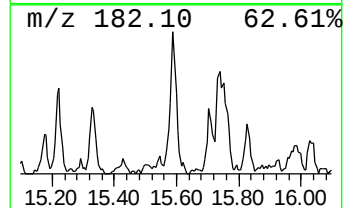
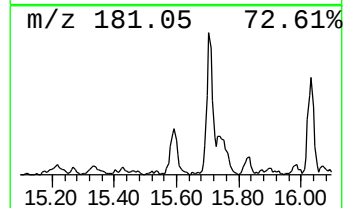
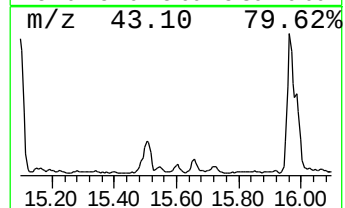
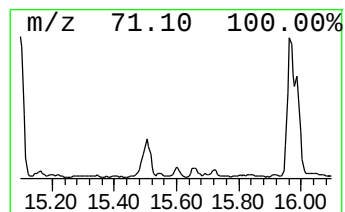
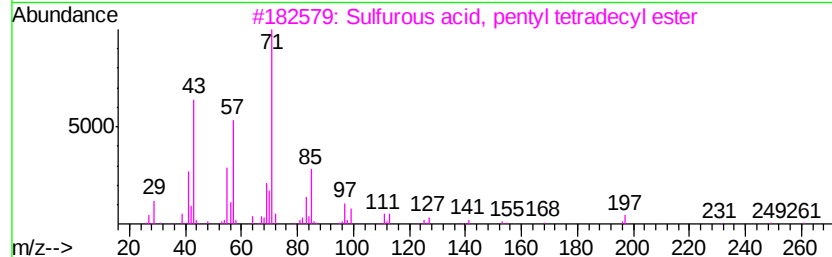
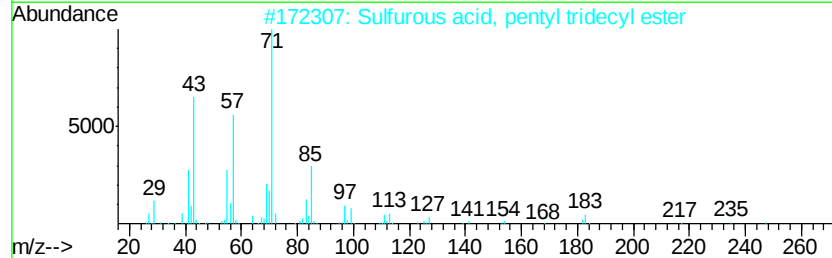
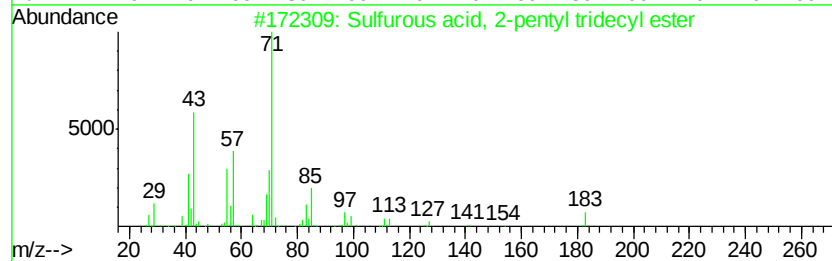
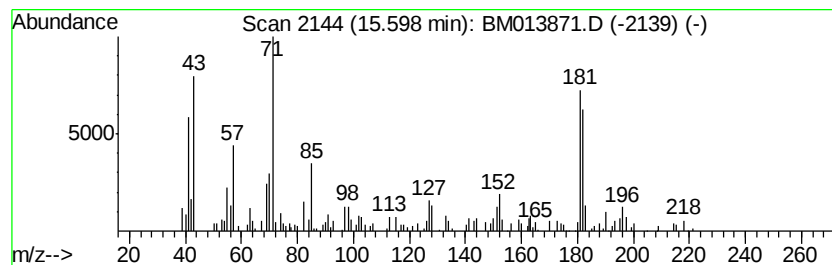
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.12 ng/ul	339418	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-pentyl tridecy...	334	C18H38O3S	1000309-16-2	38
2			Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	35
3			Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1000309-14-7	35
4			Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	30
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

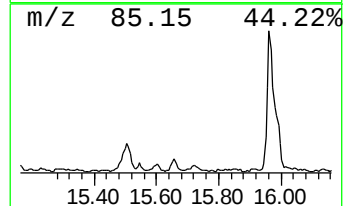
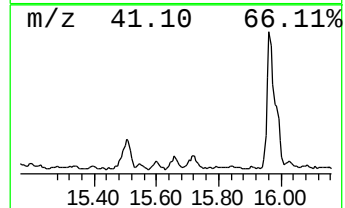
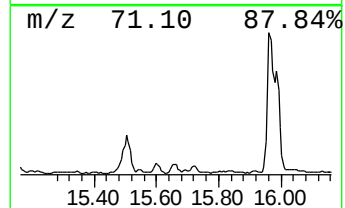
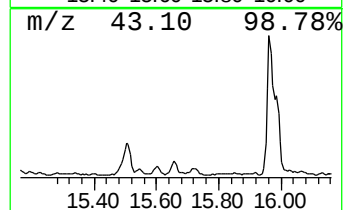
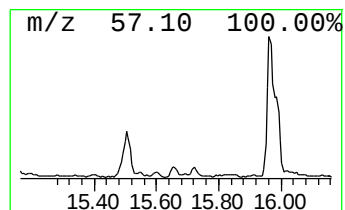
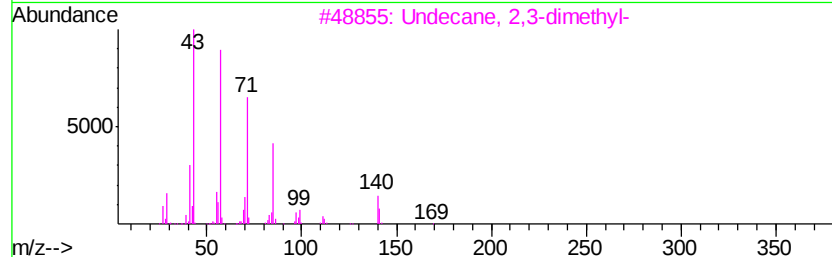
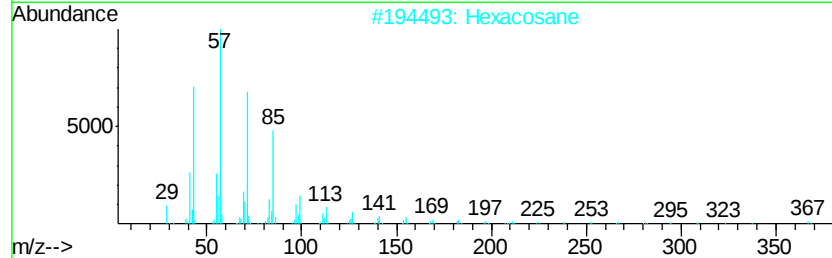
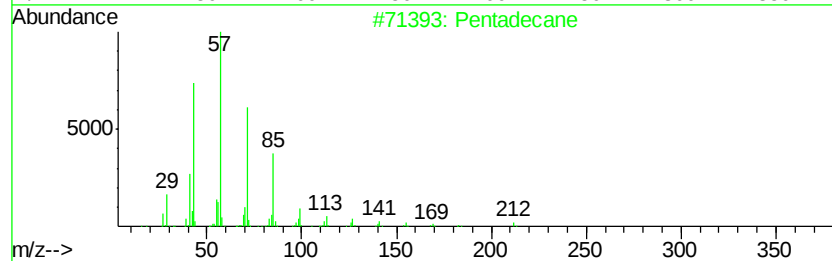
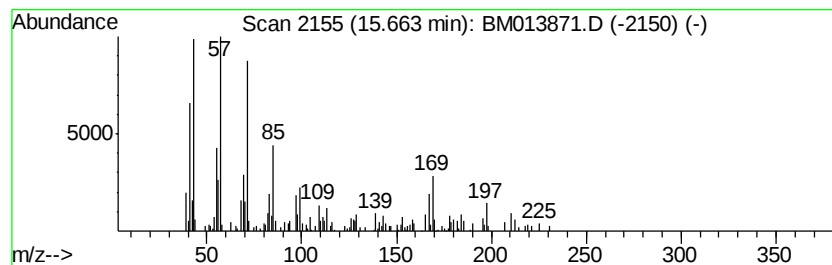
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.51 ng/ul	233734	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	86
2			Hexacosane	366	C26H54	000630-01-3	68
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
4			Octacosane	394	C28H58	000630-02-4	62
5			Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

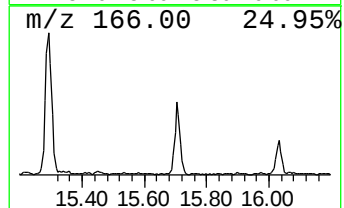
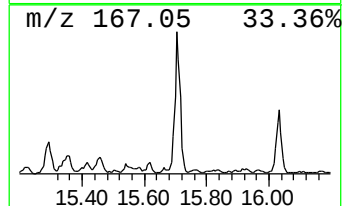
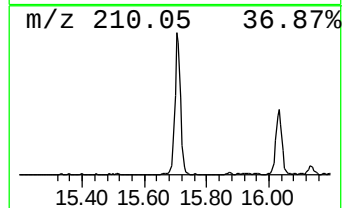
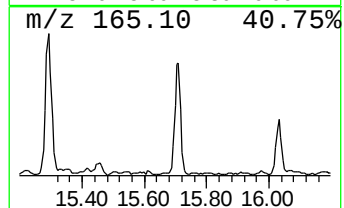
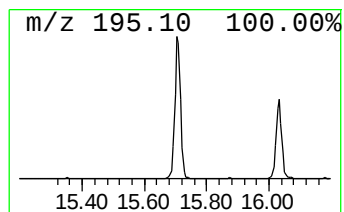
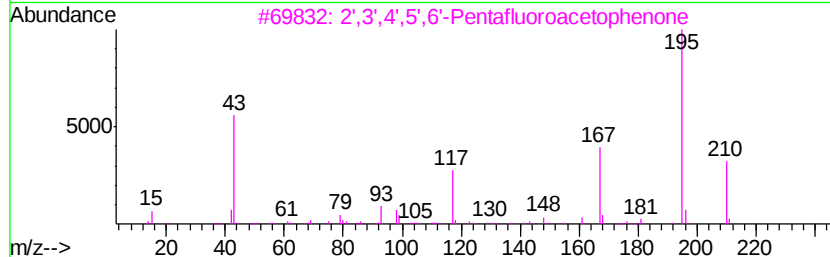
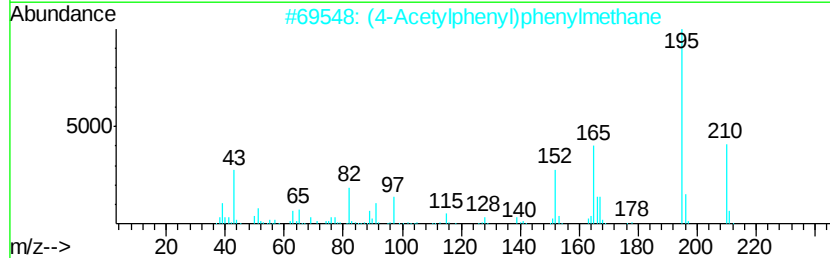
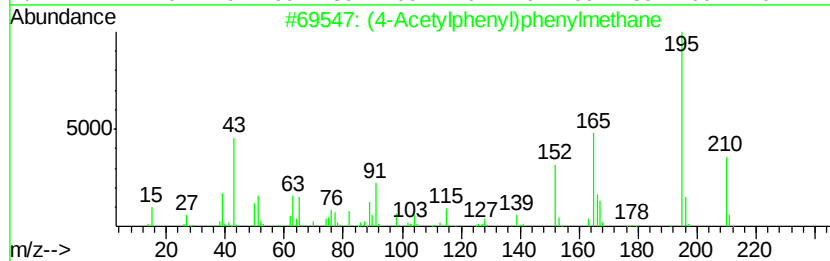
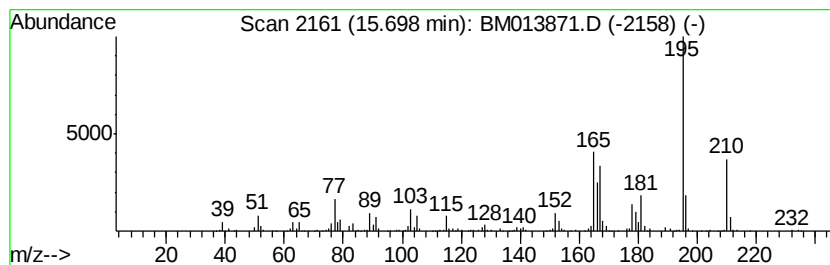
Instrument :
BNA_M
ClientSampleId :
F6A80DL

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 21 (4-Acetylphenyl)phenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.70	18.99 ng/ul	1768890	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
2		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3		2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	43
4		2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	43
5		2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

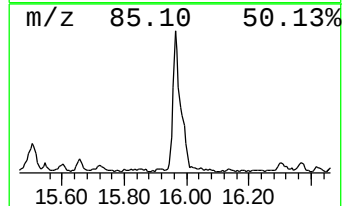
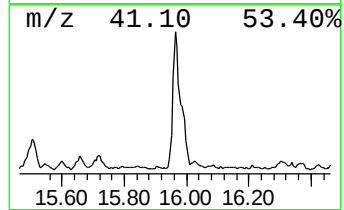
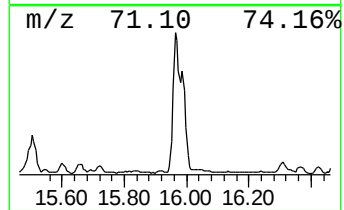
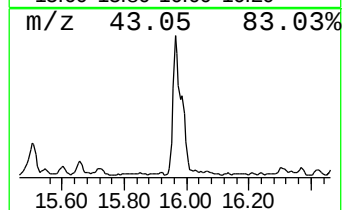
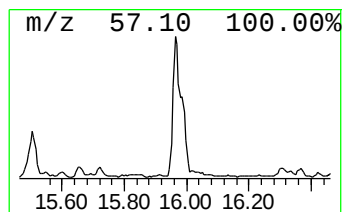
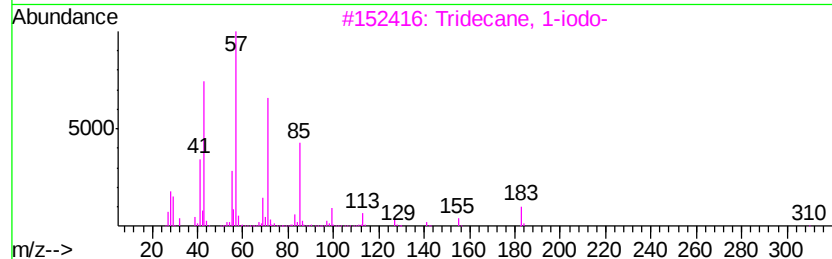
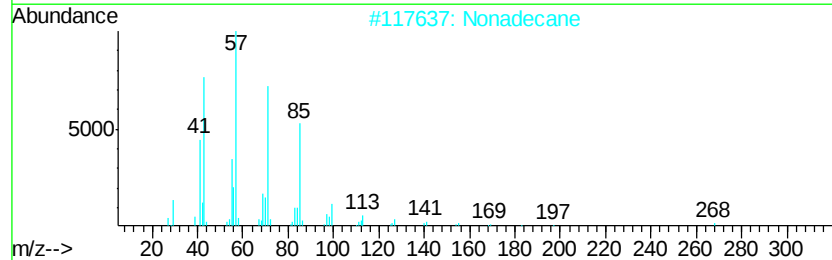
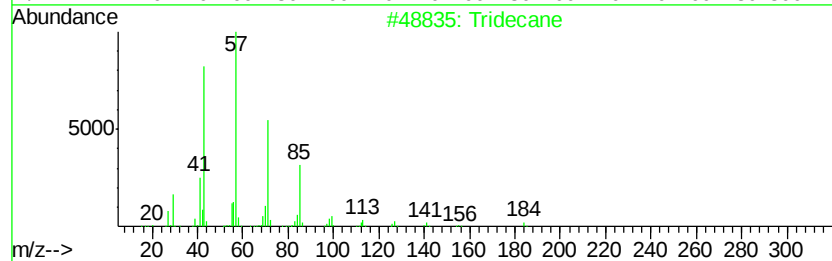
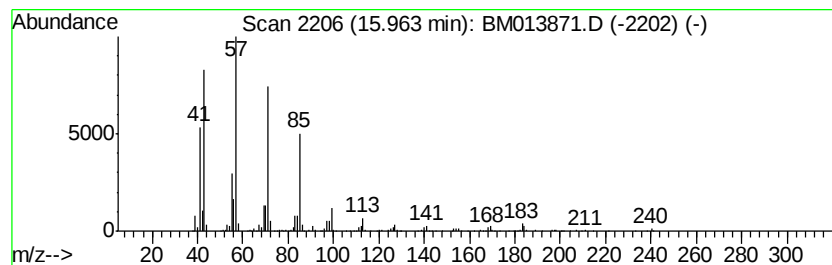
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	29.86 ng/ul	2782500	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Pentadecane	212	C15H32	000629-62-9	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

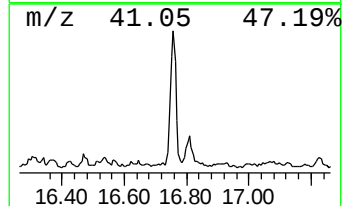
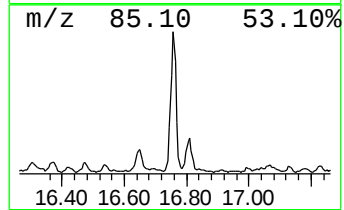
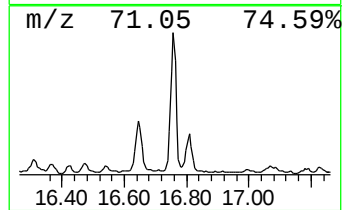
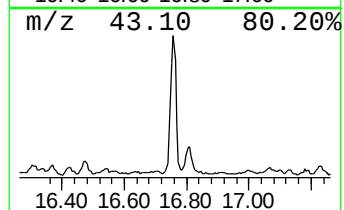
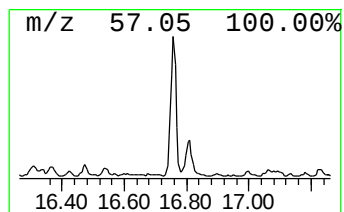
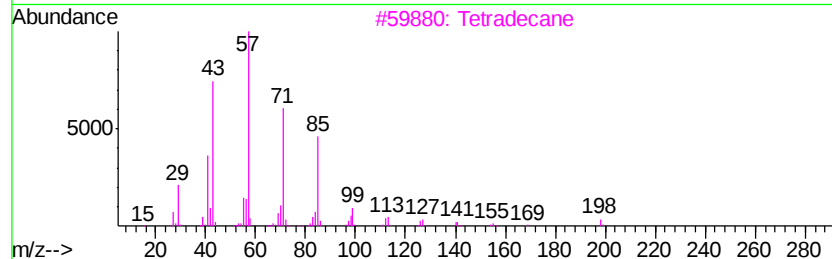
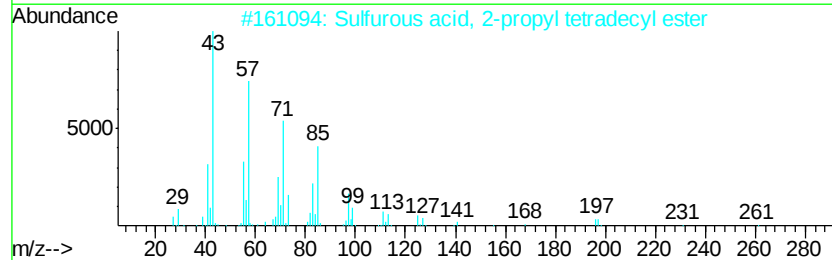
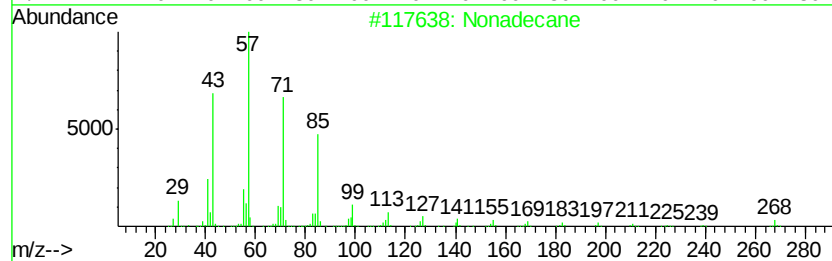
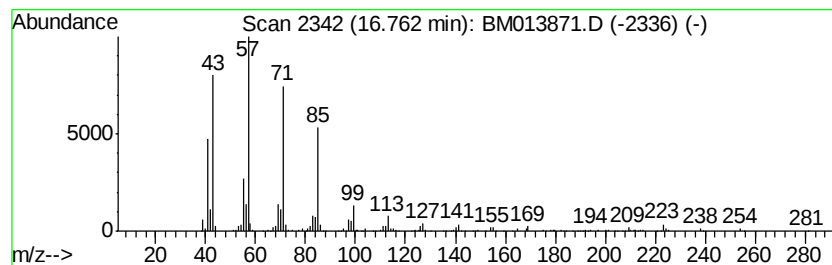
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	17.40 ng/ul	1621210	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

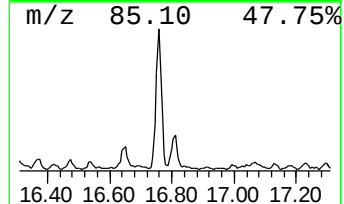
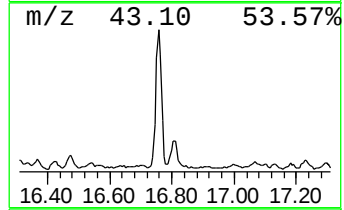
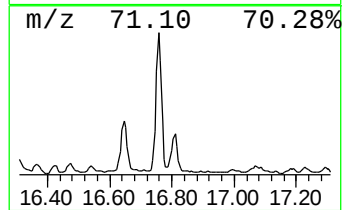
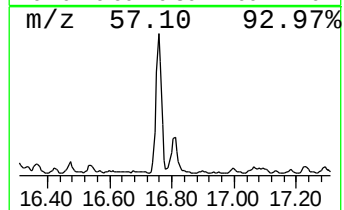
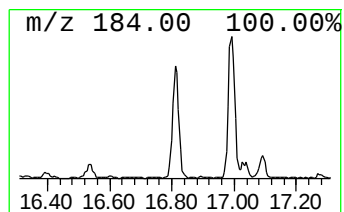
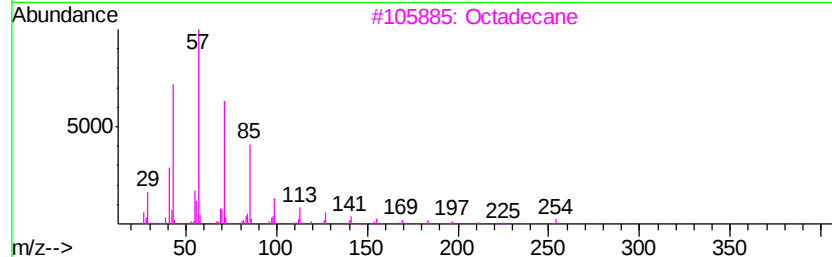
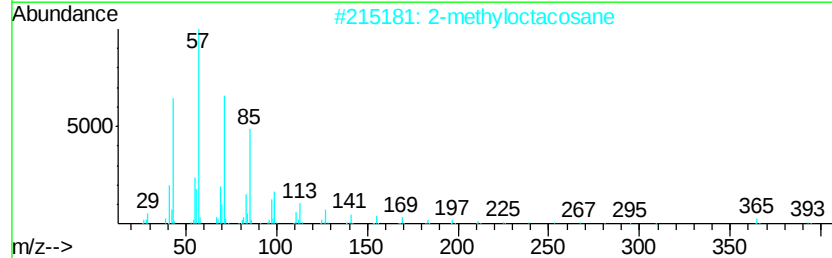
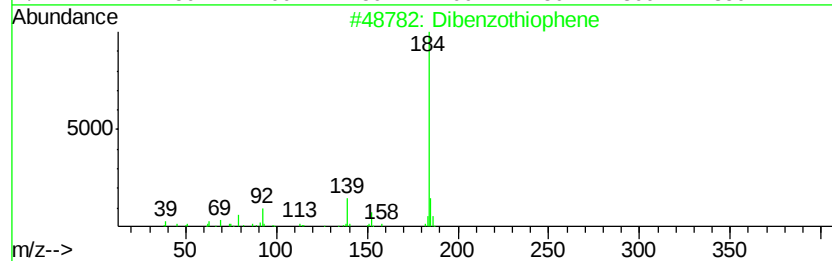
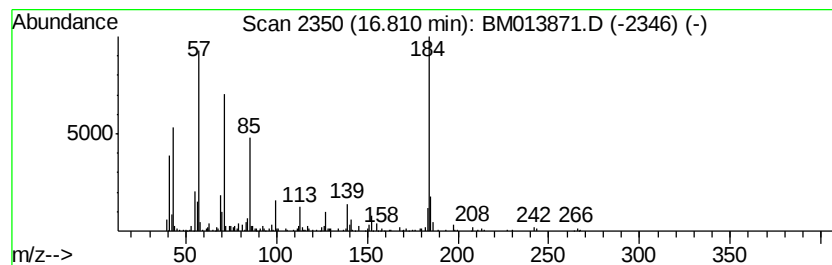
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	7.49 ng/ul	697806	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	50
2			2-methyloctacosane	408	C29H60	1000376-72-8	43
3			Octadecane	254	C18H38	000593-45-3	43
4			Tetratetracontane	619	C44H90	007098-22-8	43
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	41



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

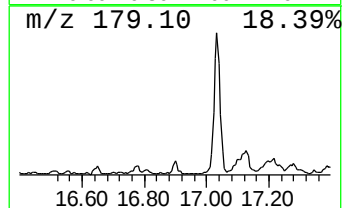
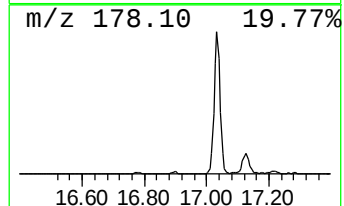
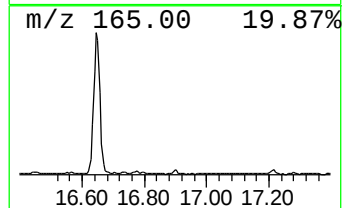
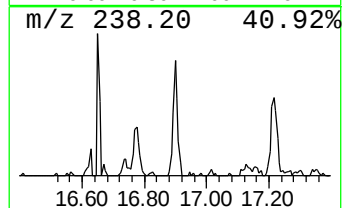
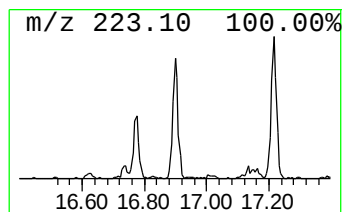
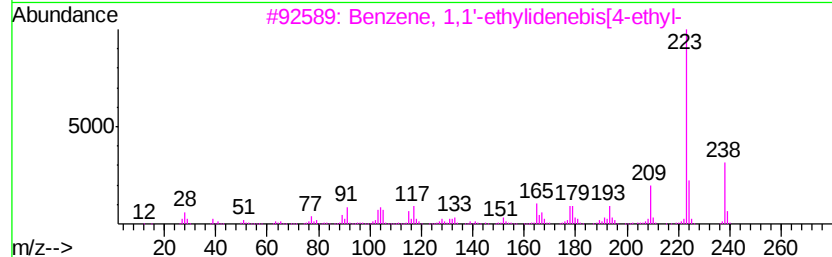
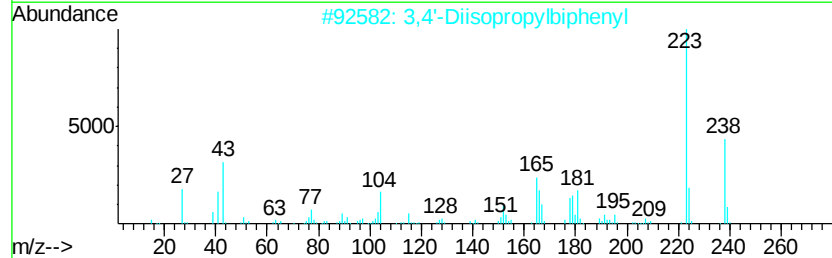
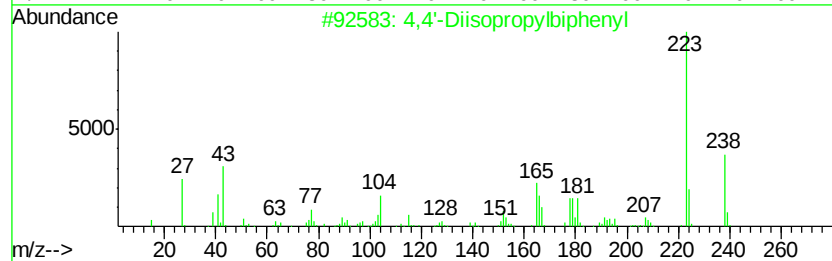
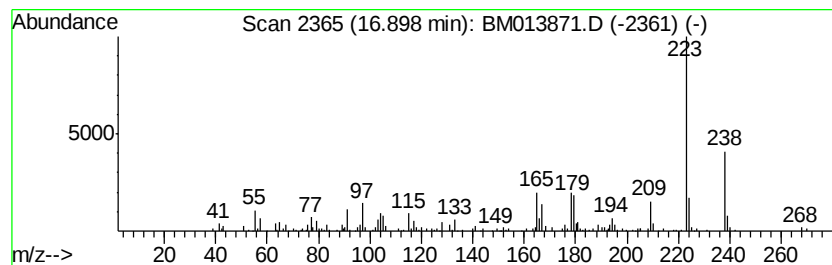
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 4,4'-Diisopropylbiphenyl Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.37 ng/ul	221209	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	87
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	87
3		Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	59
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	52
5		Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

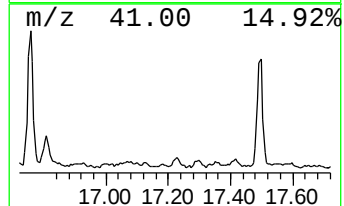
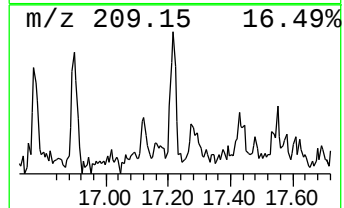
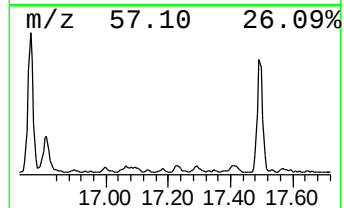
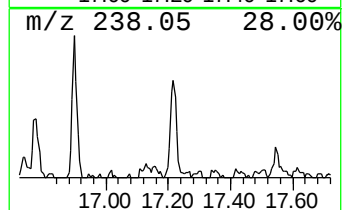
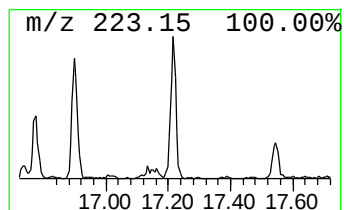
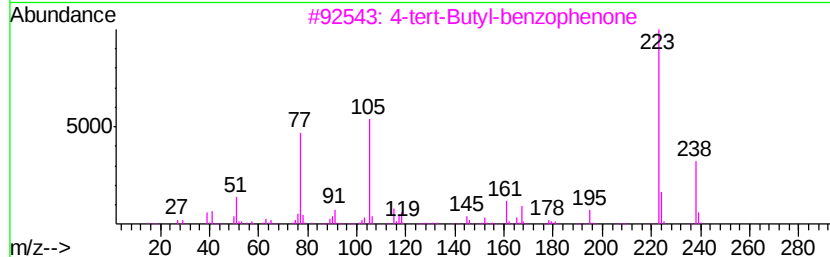
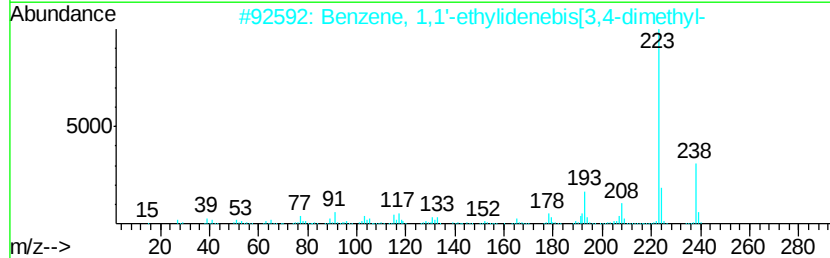
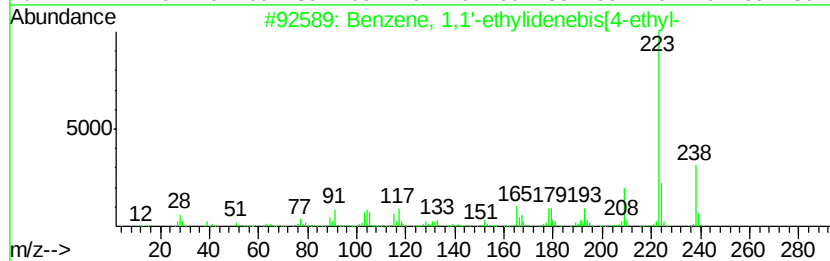
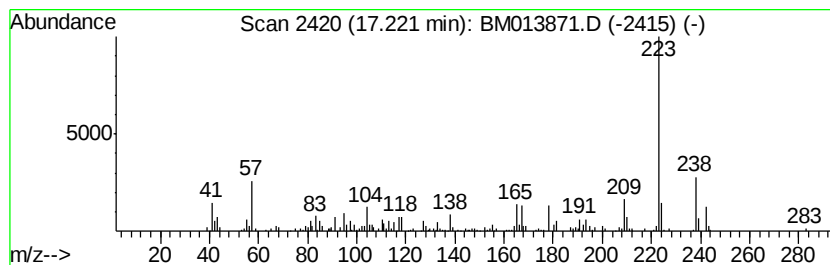
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzene, 1,1'-ethylidenebis... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.44 ng/ul	413685	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	78
2		Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	62
3		4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	59
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	50
5		1H-Isoindole-1,3(2H)-dione, 2-ph...	223	C14H9N2O2	000520-03-6	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

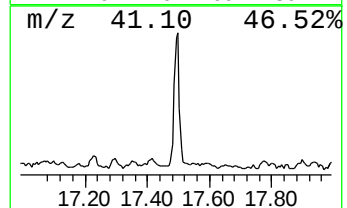
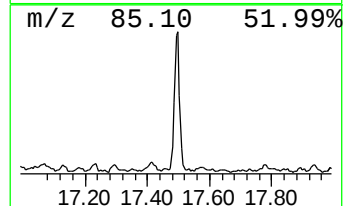
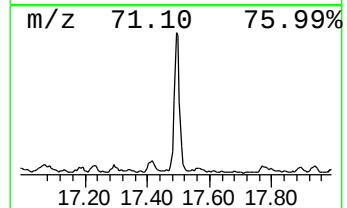
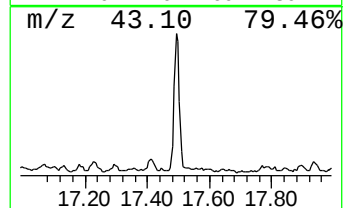
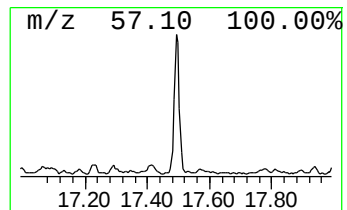
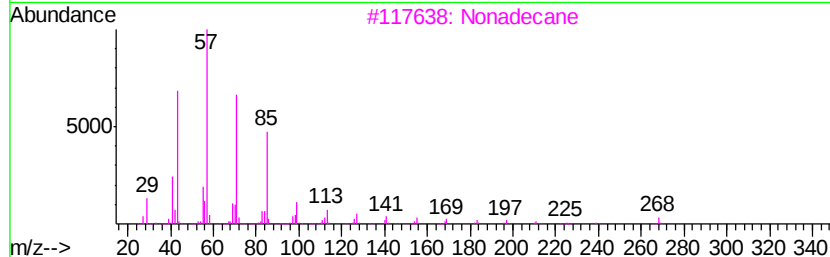
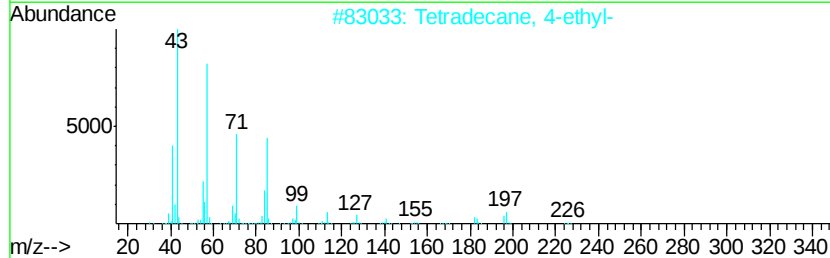
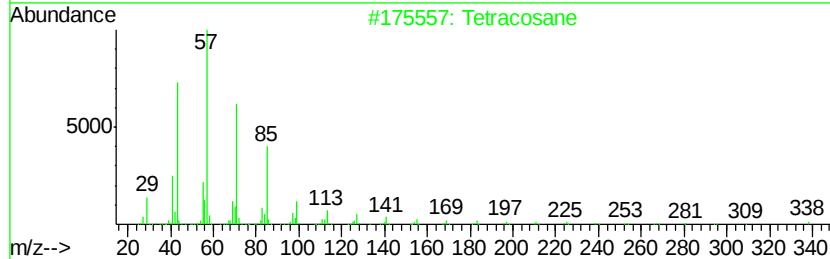
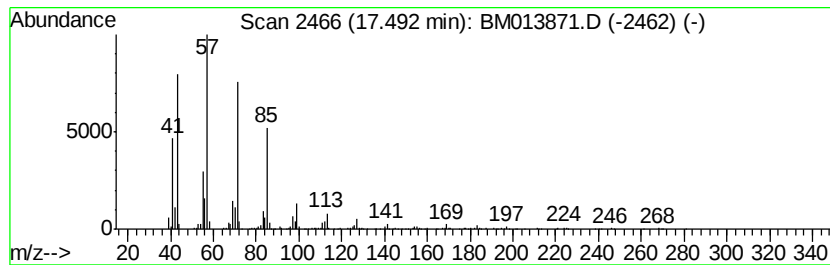
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	13.16 ng/ul	1225710	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

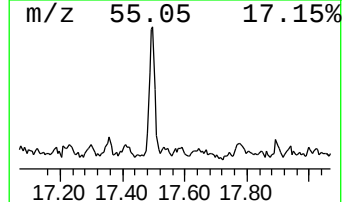
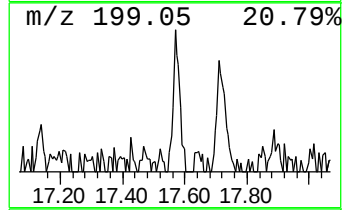
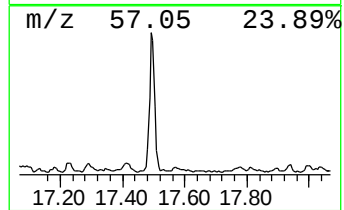
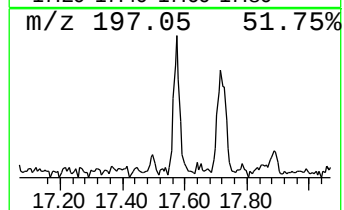
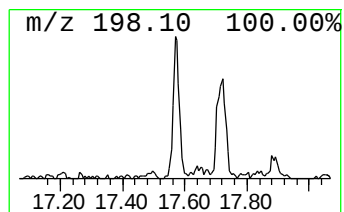
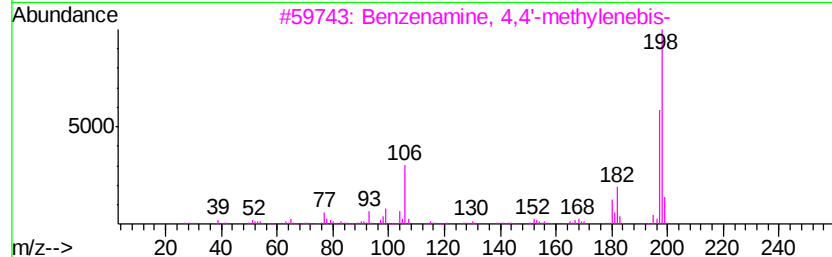
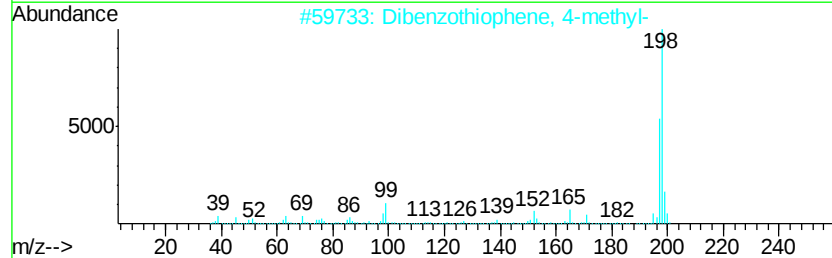
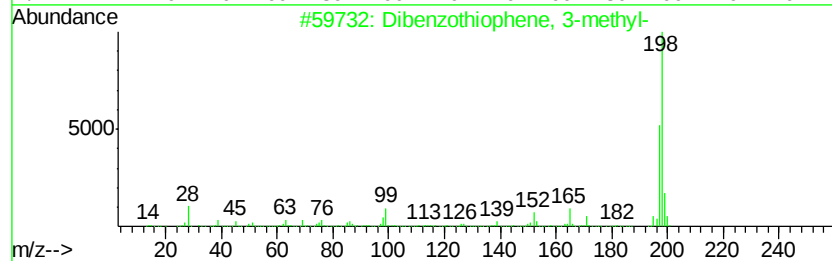
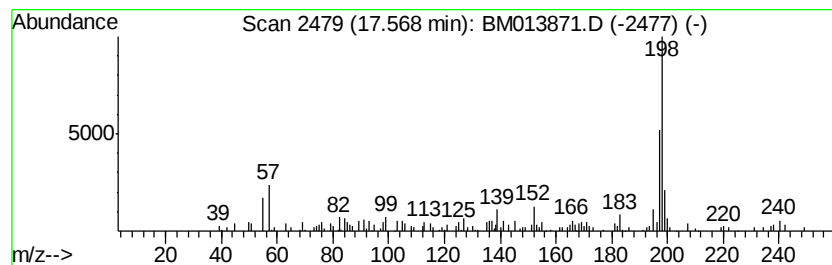
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Dibenzothiophene, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.31 ng/ul	215383	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	76
3			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	70
4			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	70
5			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

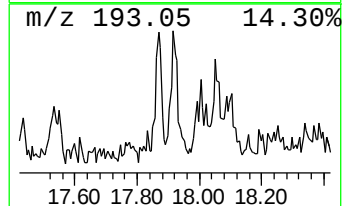
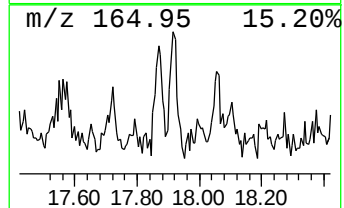
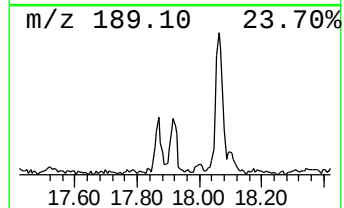
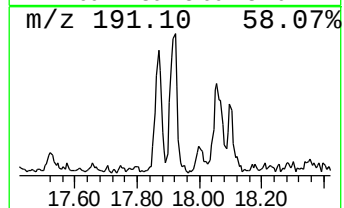
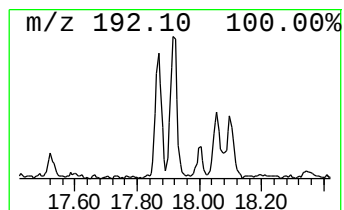
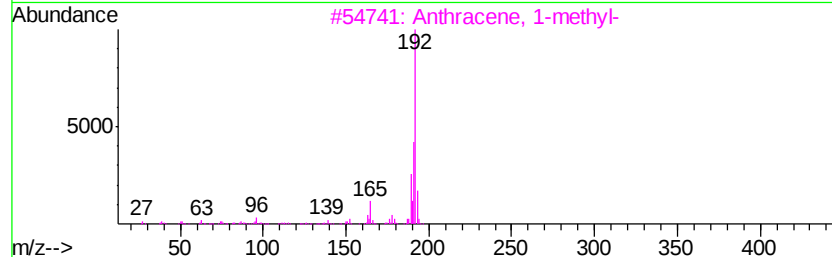
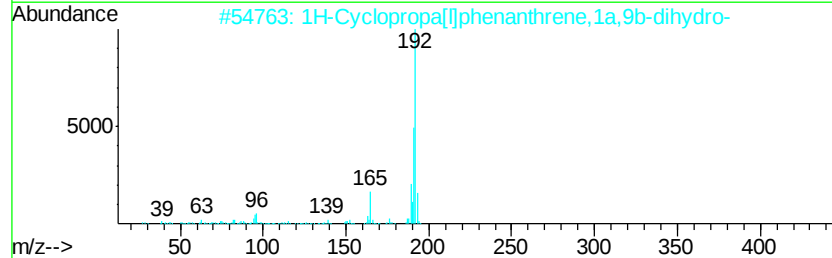
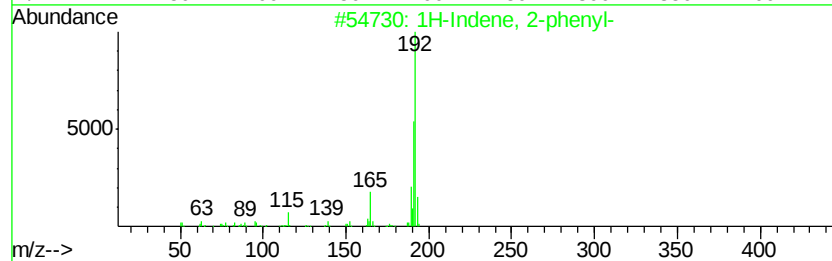
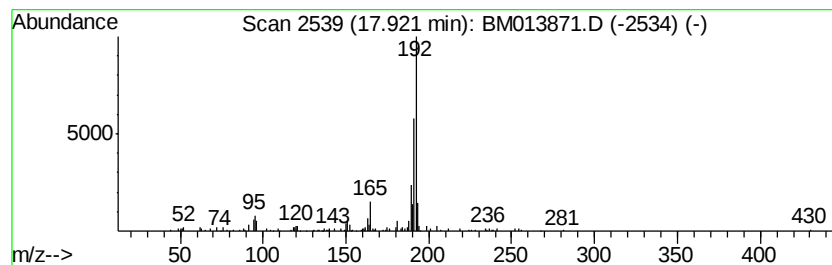
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 1H-Indene, 2-phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.56 ng/ul	331690	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

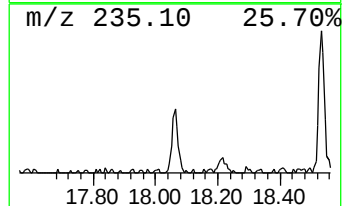
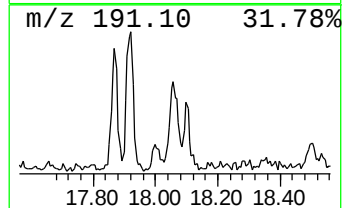
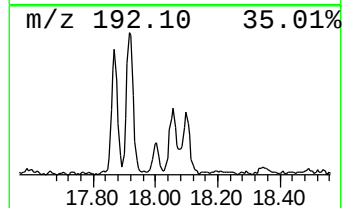
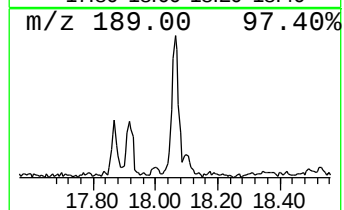
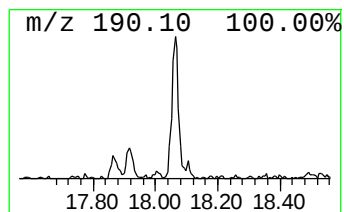
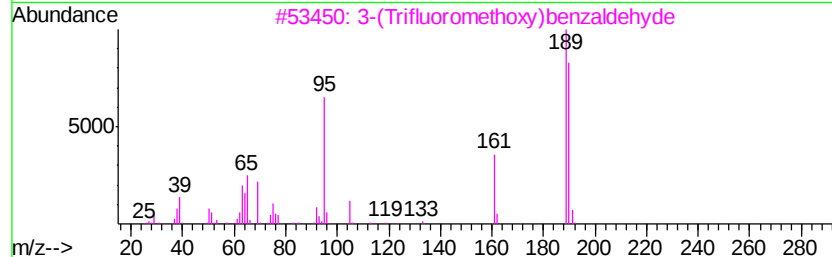
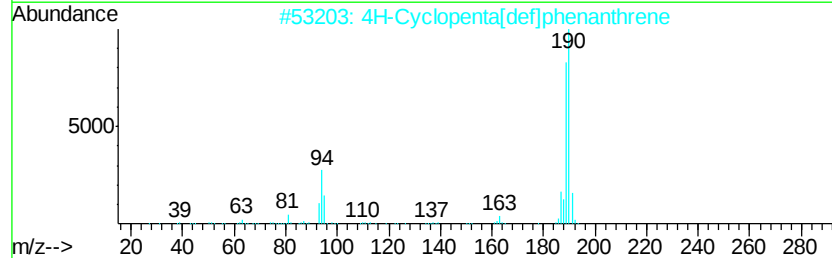
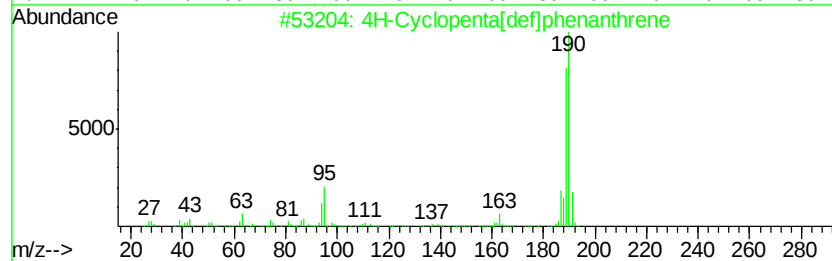
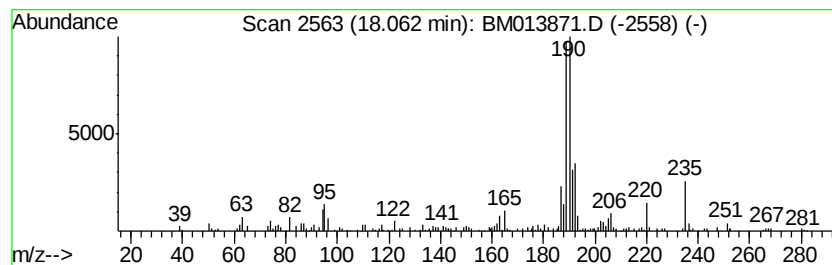
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.38 ng/ul	221988	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	49
4		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

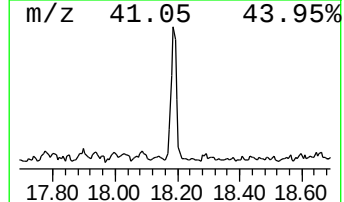
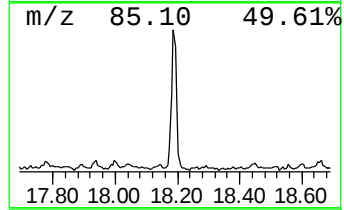
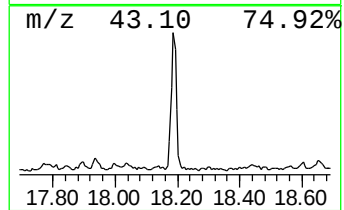
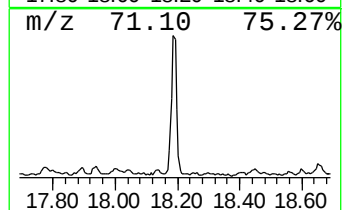
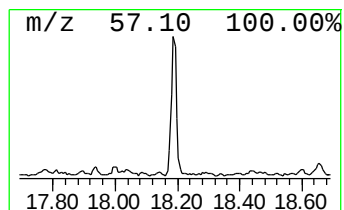
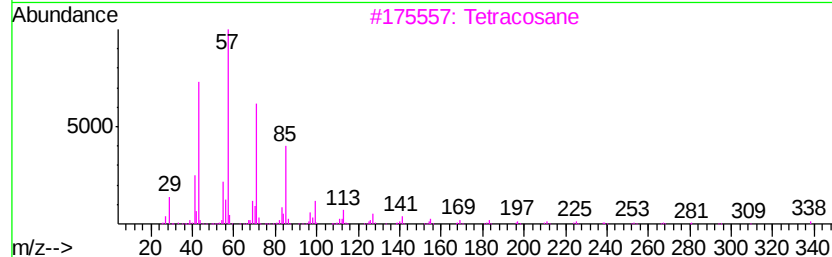
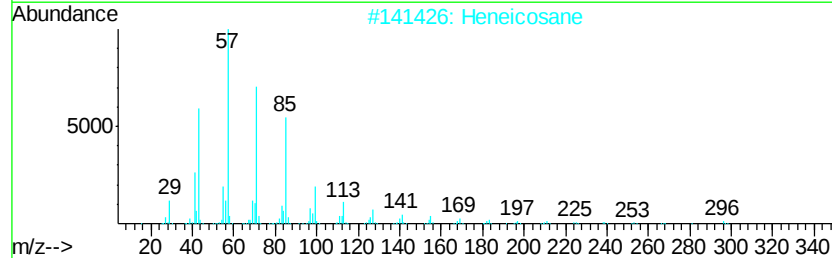
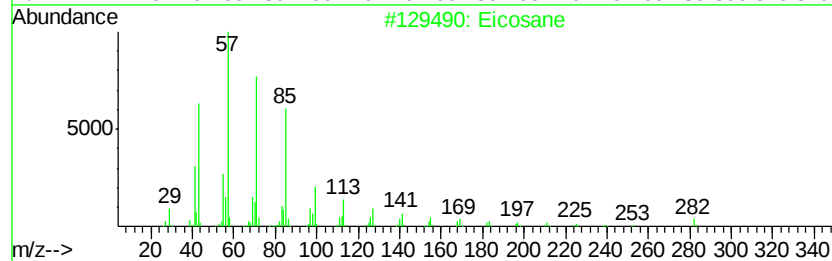
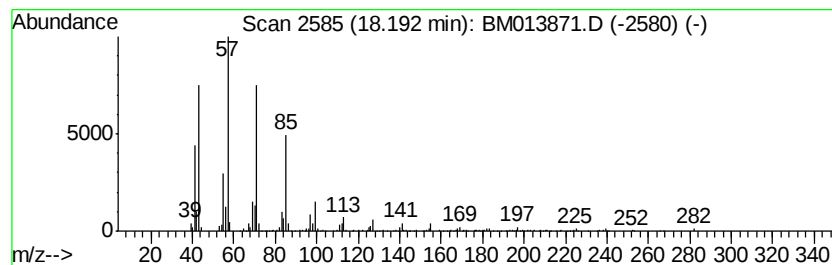
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	10.41 ng/ul	969492	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

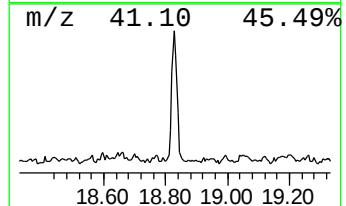
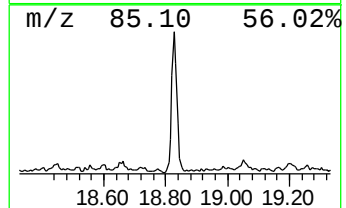
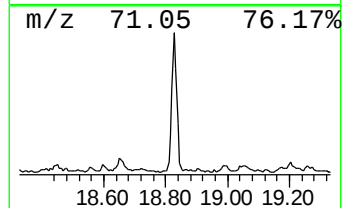
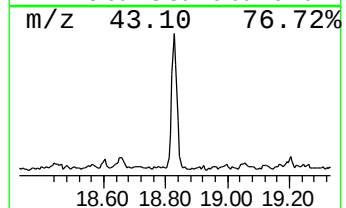
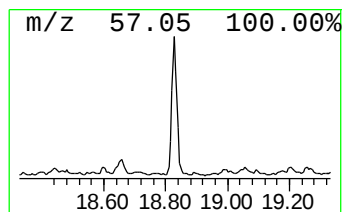
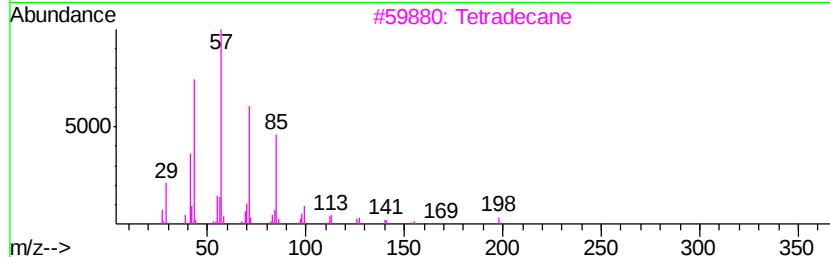
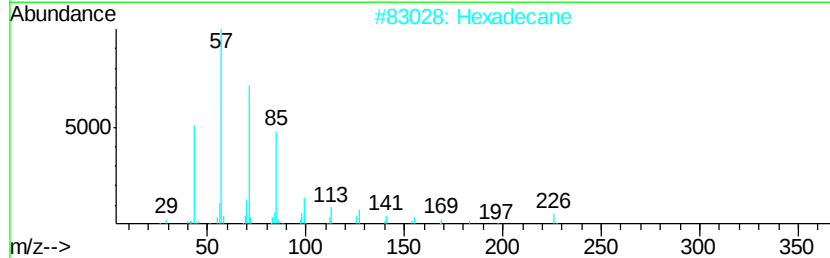
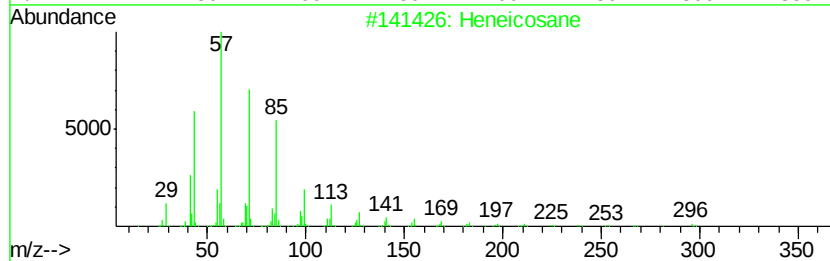
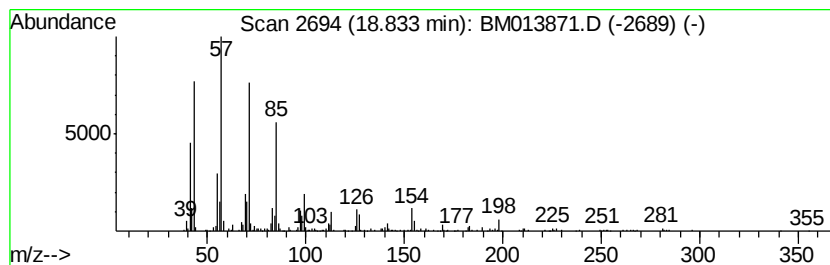
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	9.83 ng/ul	915430	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Hexadecane	226	C16H34	000544-76-3	95
3			Tetradecane	198	C14H30	000629-59-4	91
4			Hexacosane	366	C26H54	000630-01-3	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

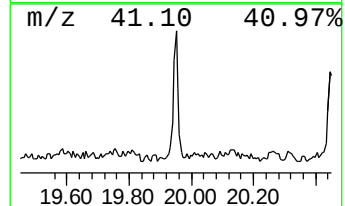
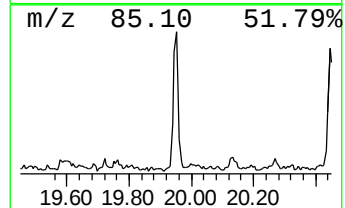
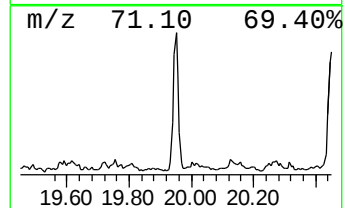
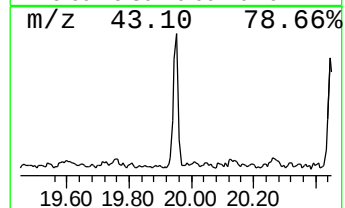
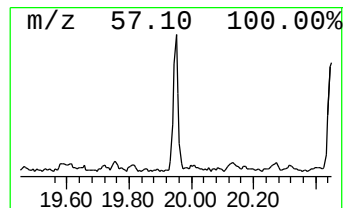
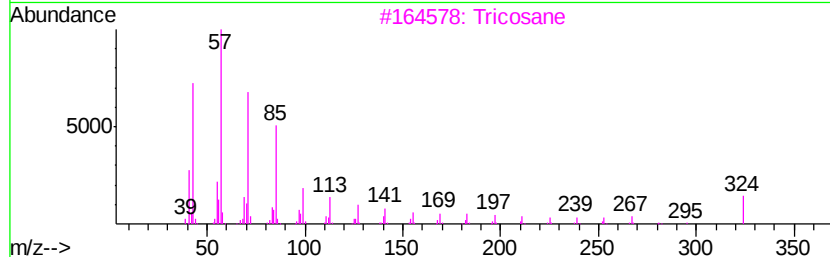
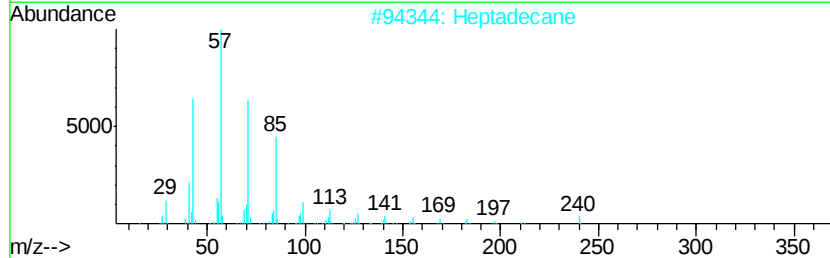
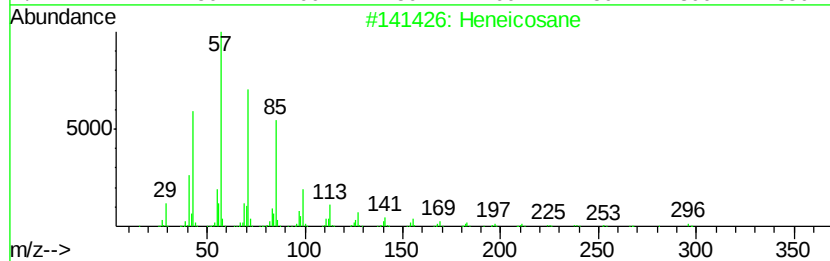
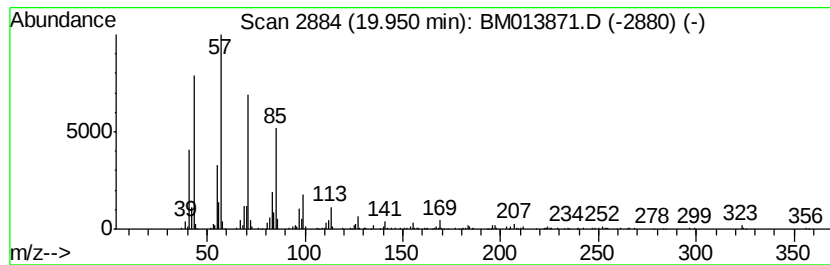
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	5.36 ng/ul	575461	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heptadecane	240	C17H36	000629-78-7	94
3			Tricosane	324	C23H48	000638-67-5	93
4			Octacosane	394	C28H58	000630-02-4	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

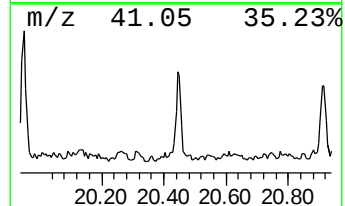
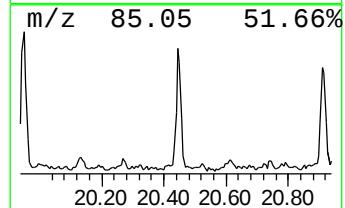
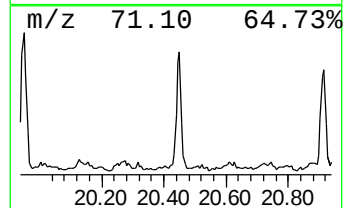
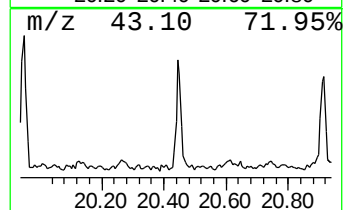
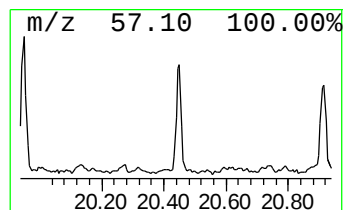
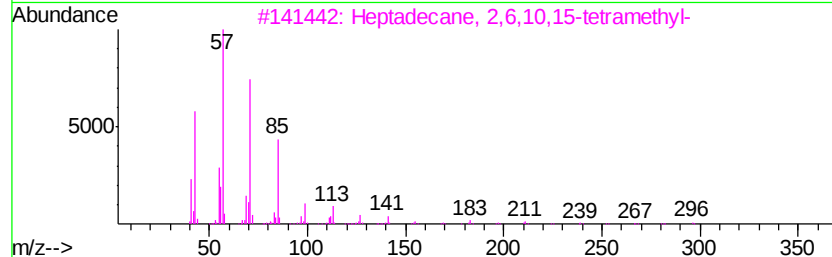
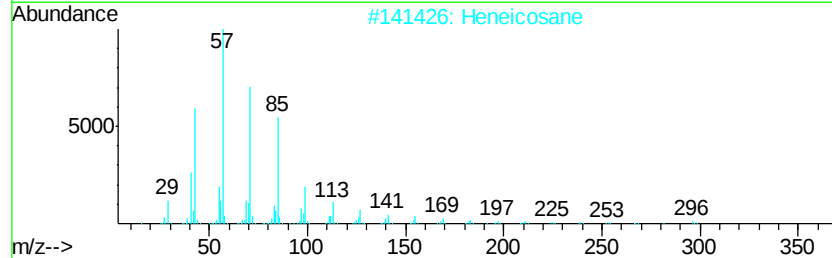
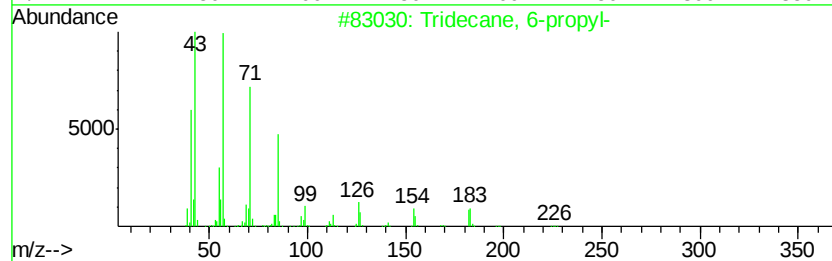
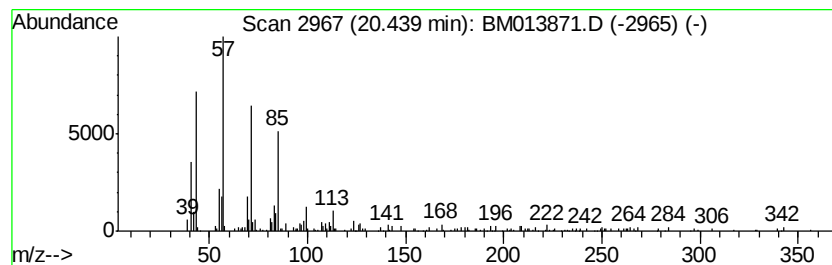
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.02 ng/ul	431696	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

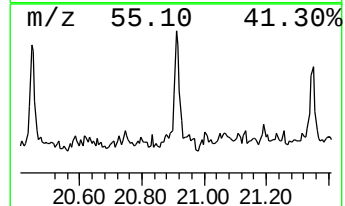
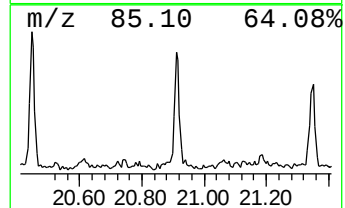
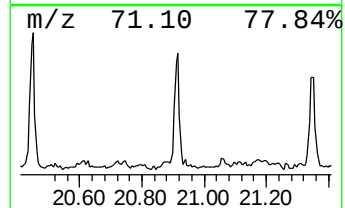
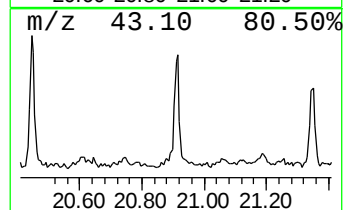
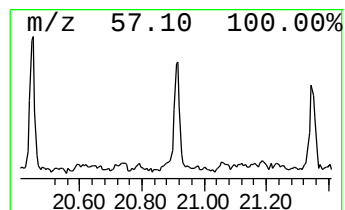
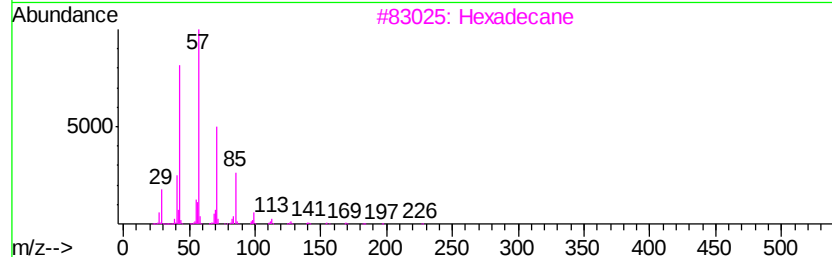
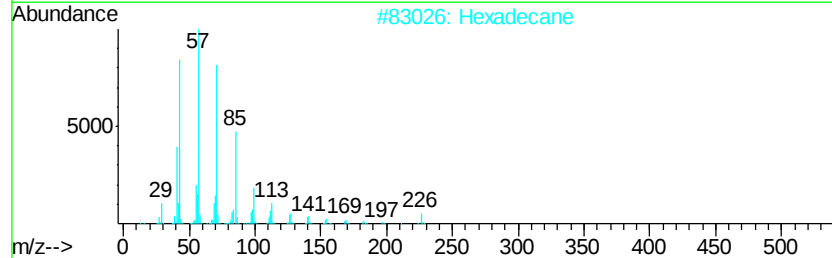
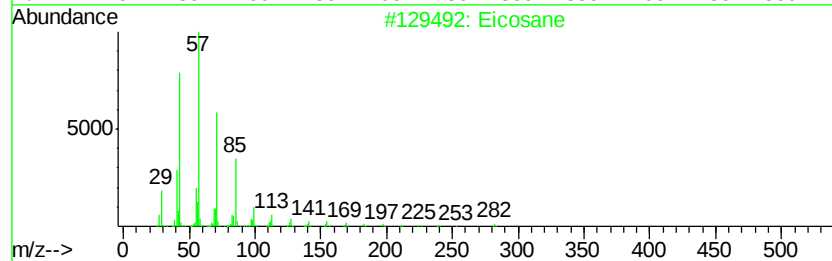
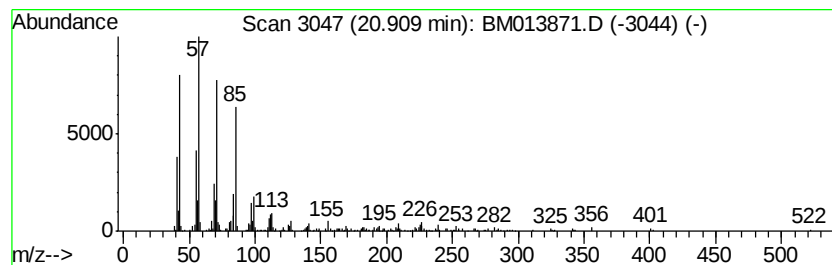
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.33 ng/ul	358080	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane	226	C16H34	000544-76-3	93
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A80DL

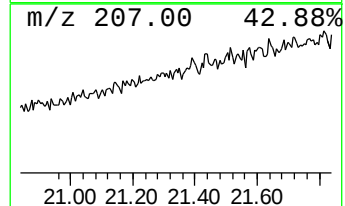
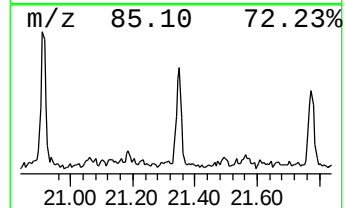
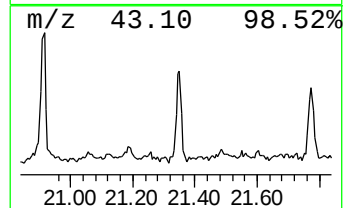
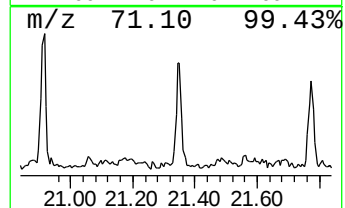
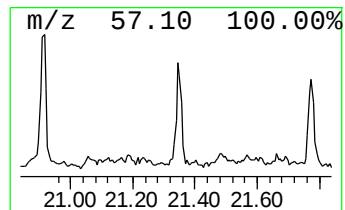
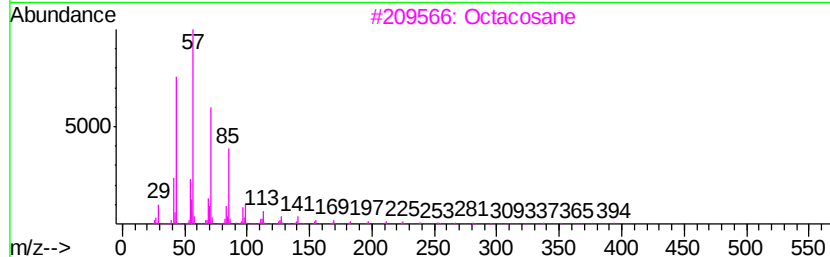
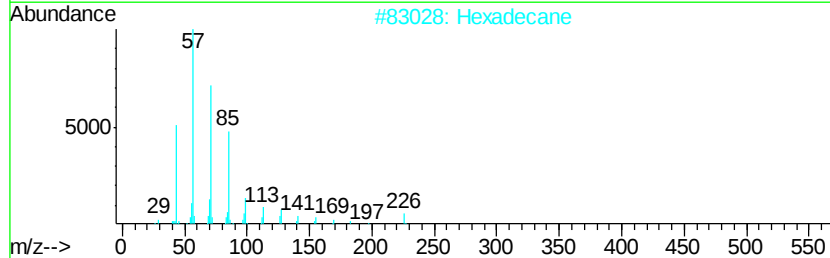
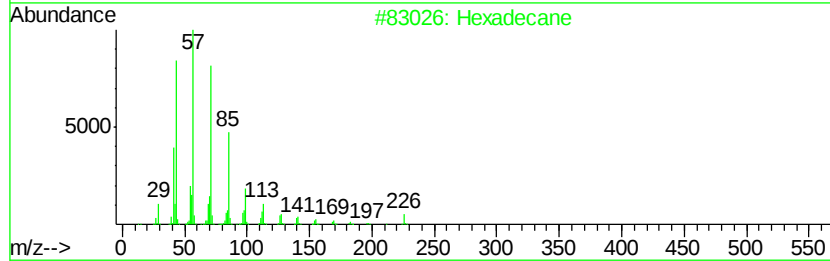
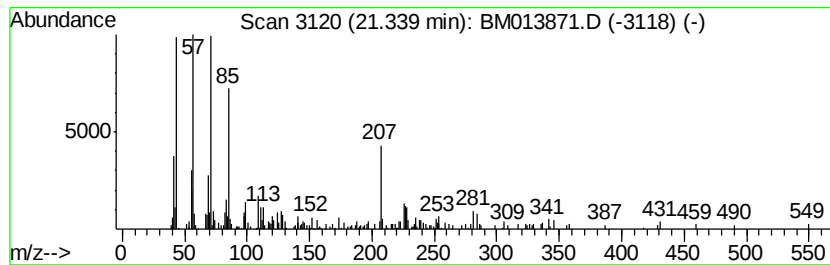
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.80 ng/ul	300426	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	89
2			Hexadecane	226	C16H34	000544-76-3	89
3			Octacosane	394	C28H58	000630-02-4	83
4			Hexadecane	226	C16H34	000544-76-3	83
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.62	2.3	ng/ul	115437	1	7.58	1010620	20.0
(DEL) Alkane: Str...	7.20	4.5	ng/ul	230161	1	7.58	1010620	20.0
Benzene, 1,4-diet...	8.22	2.8	ng/ul	143182	1	7.58	1010620	20.0
Quinoline	11.20	3.4	ng/ul	356056	2	10.36	2084280	20.0
Sulfurous acid, 2...	11.38	3.6	ng/ul	379124	2	10.36	2084280	20.0
(DEL) Alkane: Str...	11.79	11.0	ng/ul	1148130	2	10.36	2084280	20.0
Naphthalene, 1-me...	12.25	4.5	ng/ul	467548	2	10.36	2084280	20.0
(DEL) Alkane: Str...	12.76	2.6	ng/ul	410269	3	14.23	3194960	20.0
Naphthalene, 2,3-...	13.40	4.0	ng/ul	632103	3	14.23	3194960	20.0
Naphthalene, 2,7-...	13.55	3.9	ng/ul	619888	3	14.23	3194960	20.0
(DEL) Alkane: Str...	13.72	3.9	ng/ul	623730	3	14.23	3194960	20.0
(DEL) Alkane: Str...	14.14	11.7	ng/ul	1862790	3	14.23	3194960	20.0
Naphthalene, 2,3,...	14.45	2.8	ng/ul	438718	3	14.23	3194960	20.0
(DEL) Alkane: Str...	14.76	2.4	ng/ul	374852	3	14.23	3194960	20.0
Naphthalene, 1,6,...	15.01	2.2	ng/ul	349835	3	14.23	3194960	20.0
(DEL) Alkane: Str...	15.10	11.0	ng/ul	1757010	3	14.23	3194960	20.0
2-Bromo dodecane	15.50	3.7	ng/ul	594403	3	14.23	3194960	20.0
unknown-01	15.60	2.1	ng/ul	339418	3	14.23	3194960	20.0
(DEL) Alkane: Str...	15.66	2.5	ng/ul	233734	4	16.99	1863450	20.0
(4-Acetylphenyl)p...	15.70	19.0	ng/ul	1768890	4	16.99	1863450	20.0
(DEL) Alkane: Str...	15.96	29.9	ng/ul	2782500	4	16.99	1863450	20.0
(DEL) Alkane: Str...	16.76	17.4	ng/ul	1621210	4	16.99	1863450	20.0
Dibenzothiophene	16.81	7.5	ng/ul	697806	4	16.99	1863450	20.0
4,4'-Diisopropylb...	16.90	2.4	ng/ul	221209	4	16.99	1863450	20.0
Benzene, 1,1'-eth...	17.22	4.4	ng/ul	413685	4	16.99	1863450	20.0
(DEL) Alkane: Str...	17.49	13.2	ng/ul	1225710	4	16.99	1863450	20.0
Dibenzothiophene,...	17.57	2.3	ng/ul	215383	4	16.99	1863450	20.0
1H-Indene, 2-phenyl-	17.92	3.6	ng/ul	331690	4	16.99	1863450	20.0
4H-Cyclopenta[def...	18.06	2.4	ng/ul	221988	4	16.99	1863450	20.0
(DEL) Alkane: Str...	18.19	10.4	ng/ul	969492	4	16.99	1863450	20.0
(DEL) Alkane: Str...	18.83	9.8	ng/ul	915430	4	16.99	1863450	20.0
(DEL) Alkane: Str...	19.95	5.4	ng/ul	575461	5	21.19	2148690	20.0
(DEL) Alkane: Str...	20.44	4.0	ng/ul	431696	5	21.19	2148690	20.0
(DEL) Alkane: Str...	20.91	3.3	ng/ul	358080	5	21.19	2148690	20.0
(DEL) Alkane: Str...	21.34	2.8	ng/ul	300426	5	21.19	2148690	20.0