

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028451.D
 Acq On : 23 Aug 2017 15:24
 Operator : SJ/JU
 Sample : I4827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.746	23	27	33	rVB5	11120	15905	1.62%	0.122%
2	3.829	38	41	49	rVB7	6897	13266	1.35%	0.102%
3	4.093	78	86	92	rVB7	11975	24786	2.53%	0.190%
4	4.163	92	98	104	rBV8	6475	14728	1.50%	0.113%
5	4.334	121	127	133	rVB6	7875	17262	1.76%	0.132%
6	4.451	142	147	154	rVB3	14223	25557	2.61%	0.196%
7	4.557	158	165	179	rVB2	81308	149273	15.25%	1.144%
8	4.739	189	196	198	rBV3	7399	11615	1.19%	0.089%
9	4.886	215	221	232	rVB3	34508	63700	6.51%	0.488%
10	5.368	297	303	308	rBV7	5613	11110	1.13%	0.085%
11	5.497	322	325	329	rVV5	7787	10356	1.06%	0.079%
12	5.550	329	334	340	rVB8	6444	13482	1.38%	0.103%
13	5.803	368	377	382	rBV6	11587	30660	3.13%	0.235%
14	5.861	382	387	392	rVV	20938	34619	3.54%	0.265%
15	5.908	392	395	401	rVB3	9951	16485	1.68%	0.126%
16	5.991	401	409	420	rBV2	107171	242967	24.82%	1.861%
17	6.355	463	471	480	rVV3	59296	150534	15.37%	1.153%
18	6.819	544	550	556	rBV8	7212	19025	1.94%	0.146%
19	6.972	570	576	586	rVB8	7860	19925	2.04%	0.153%
20	7.319	625	635	639	rBV3	10587	22229	2.27%	0.170%
21	7.424	648	653	658	rBV2	41127	65334	6.67%	0.501%
22	7.501	658	666	673	rVV3	138718	314599	32.13%	2.410%
23	7.554	673	675	683	rVB2	30902	48498	4.95%	0.372%
24	7.659	686	693	700	rBV	90420	159133	16.25%	1.219%
25	7.730	700	705	714	rVB4	15502	26795	2.74%	0.205%
26	7.883	723	731	738	rBV	128261	243138	24.83%	1.863%
27	7.935	738	740	744	rVV2	14145	20472	2.09%	0.157%
28	7.982	744	748	759	rVV	61140	106275	10.85%	0.814%
29	8.347	803	810	822	rVV	165470	305459	31.20%	2.340%
30	8.452	822	828	837	rVV2	16874	31799	3.25%	0.244%
31	8.623	849	857	865	rVB8	6380	14363	1.47%	0.110%
32	8.729	865	875	881	rVB7	6301	15414	1.57%	0.118%
33	8.834	886	893	895	rBV6	5568	10732	1.10%	0.082%
34	8.881	896	901	909	rVB3	14558	23675	2.42%	0.181%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028451.D
 Acq On : 23 Aug 2017 15:24
 Operator : SJ/JU
 Sample : I4827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

35	8.975	911	917	922	rBV5	21747	41413	4.23%	0.317%
36	9.046	922	929	940	rVB	157551	289787	29.60%	2.220%
37	9.175	942	951	956	rVB7	9035	21639	2.21%	0.166%
38	9.240	957	962	966	rBV5	6734	11648	1.19%	0.089%
39	9.293	966	971	975	rVB4	9386	14075	1.44%	0.108%
40	9.340	975	979	985	rBV4	6099	11271	1.15%	0.086%
41	9.445	985	997	1001	rBV4	14746	28694	2.93%	0.220%
42	9.516	1001	1009	1020	rVB2	130709	272136	27.79%	2.085%
43	9.974	1079	1087	1089	rBV4	6153	11514	1.18%	0.088%
44	10.033	1090	1097	1101	rVV5	6924	15600	1.59%	0.120%
45	10.239	1119	1132	1143	rBV	121823	246220	25.15%	1.886%
46	10.450	1163	1168	1172	rBV3	14176	23675	2.42%	0.181%
47	10.544	1181	1184	1189	rBV6	5882	9747	1.00%	0.075%
48	10.785	1218	1225	1232	rVV2	177570	336439	34.36%	2.578%
49	10.844	1232	1235	1242	rVB4	19865	32410	3.31%	0.248%
50	11.085	1265	1276	1281	rBV5	18278	44320	4.53%	0.340%
51	11.167	1283	1290	1296	rBV	235930	445000	45.45%	3.409%
52	11.296	1305	1312	1327	rBV2	79176	169432	17.31%	1.298%
53	11.619	1363	1367	1375	rVB2	8789	18360	1.88%	0.141%
54	12.131	1446	1454	1458	rBV8	6237	14147	1.44%	0.108%
55	12.371	1486	1495	1501	rVB6	5160	15232	1.56%	0.117%
56	12.524	1513	1521	1528	rVB3	25906	44037	4.50%	0.337%
57	12.606	1530	1535	1541	rBV4	6527	12229	1.25%	0.094%
58	12.800	1561	1568	1575	rVB2	32340	60325	6.16%	0.462%
59	12.941	1583	1592	1598	rBV9	8910	18313	1.87%	0.140%
60	13.018	1599	1605	1613	rVV3	12132	21349	2.18%	0.164%
61	13.212	1631	1638	1650	rBV4	18558	42461	4.34%	0.325%
62	13.417	1667	1673	1675	rBV6	6553	10239	1.05%	0.078%
63	13.740	1723	1728	1736	rBV3	15216	28720	2.93%	0.220%
64	14.134	1780	1795	1801	rVB3	10099	33063	3.38%	0.253%
65	14.263	1815	1817	1824	rBV6	7647	10369	1.06%	0.079%
66	14.346	1824	1831	1835	rVV	318487	499058	50.97%	3.823%
67	14.387	1835	1838	1845	rVB	124798	186830	19.08%	1.431%
68	14.651	1876	1883	1893	rVB	334700	558905	57.08%	4.282%
69	14.804	1905	1909	1915	rVB3	16656	24039	2.46%	0.184%
70	14.957	1920	1935	1943	rBV2	365238	616266	62.94%	4.721%
71	15.021	1944	1946	1952	rVV6	7668	9540	0.97%	0.073%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.1
Stop Thrs : 0
Filtering: 5
Min Area: 0.1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	15.162	1961	1970	1979	rBV2	81716	179219	18.30%	1.373%
73	15.339	1993	2000	2009	rVB	175372	281900	28.79%	2.160%
74	15.715	2059	2064	2065	rBV5	10571	13225	1.35%	0.101%
75	15.756	2067	2071	2078	rVB2	27844	39323	4.02%	0.301%
76	15.944	2093	2103	2114	rBV	443166	704914	72.00%	5.400%
77	16.067	2119	2124	2131	rBV2	75191	116054	11.85%	0.889%
78	16.149	2135	2138	2142	rBV5	9239	13423	1.37%	0.103%
79	16.378	2174	2177	2183	rVB8	6376	10312	1.05%	0.079%
80	16.614	2212	2217	2226	rBV2	28342	54354	5.55%	0.416%
81	17.060	2288	2293	2301	rBV4	58769	101573	10.37%	0.778%
82	17.354	2340	2343	2349	rBV8	11423	15701	1.60%	0.120%
83	17.407	2349	2352	2358	rVV3	24677	28576	2.92%	0.219%
84	17.460	2358	2361	2368	rVB8	8784	17425	1.78%	0.133%
85	17.706	2395	2403	2408	rBV	433869	701022	71.60%	5.371%
86	17.806	2414	2420	2429	rVB	449499	723191	73.86%	5.540%
87	17.930	2438	2441	2445	rBV6	16363	23598	2.41%	0.181%
88	17.983	2446	2450	2453	rVV2	22759	30080	3.07%	0.230%
89	18.147	2476	2478	2484	rVB6	16313	20606	2.10%	0.158%
90	18.552	2542	2547	2555	rBV3	123185	239668	24.48%	1.836%
91	18.623	2556	2559	2564	rVB2	49470	73275	7.48%	0.561%
92	18.758	2579	2582	2587	rBV6	17794	33477	3.42%	0.256%
93	19.281	2668	2671	2677	rVB2	30397	42916	4.38%	0.329%
94	19.810	2757	2761	2769	rBV3	131004	199869	20.41%	1.531%
95	20.080	2801	2807	2817	rBV	597430	979084	100.00%	7.501%
96	20.350	2848	2853	2856	rBV	242372	282868	28.89%	2.167%
97	20.386	2856	2859	2867	rVB	399875	452762	46.24%	3.469%
98	21.367	3023	3026	3030	rBV2	126360	171897	17.56%	1.317%
99	21.408	3030	3033	3039	rVB	172788	207655	21.21%	1.591%
100	22.042	3135	3141	3147	rBV	418503	753255	76.93%	5.771%

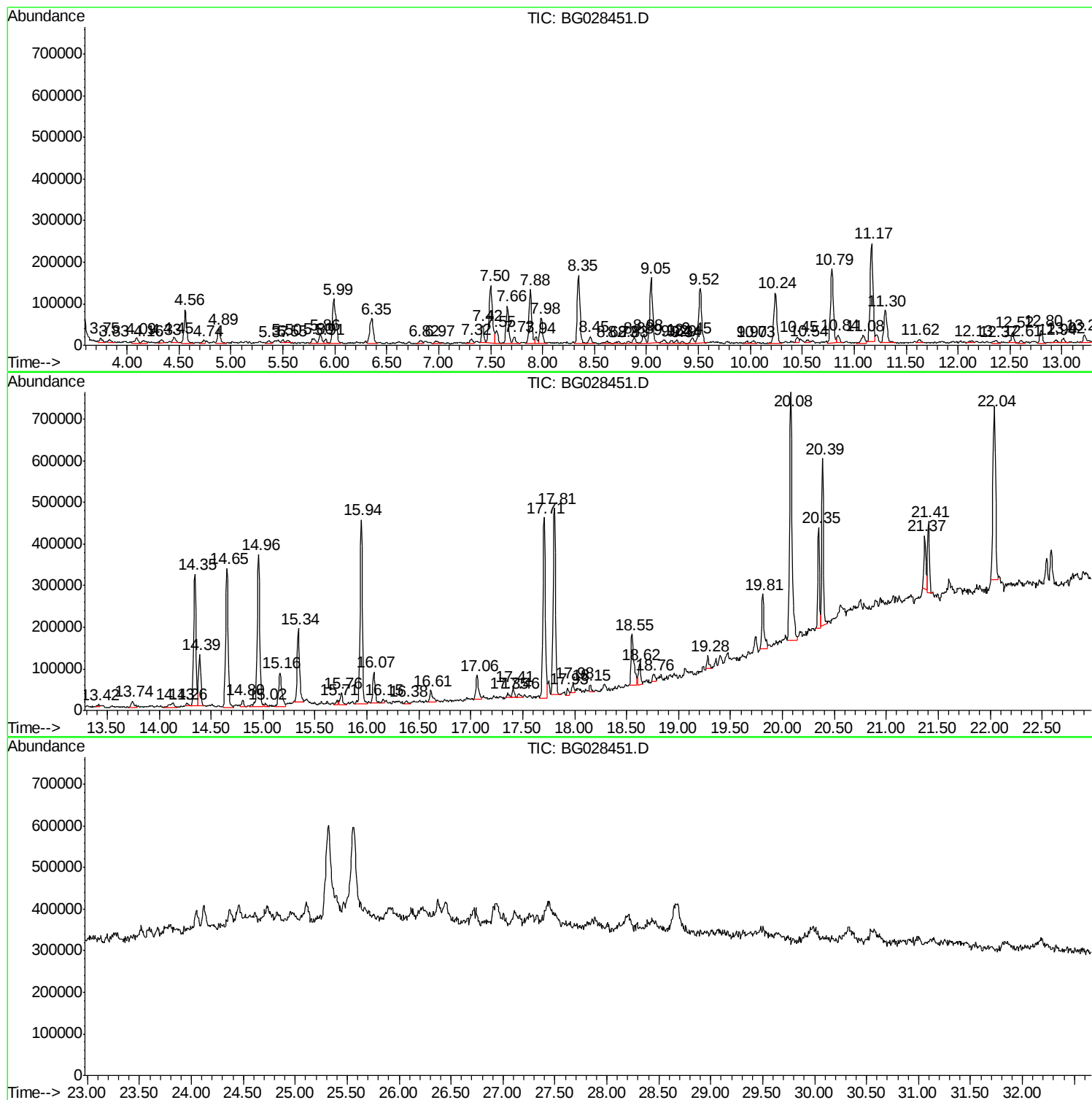
Sum of corrected areas: 13052894

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

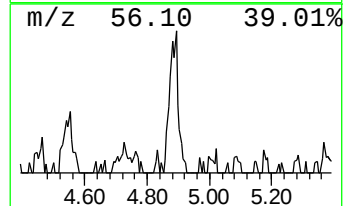
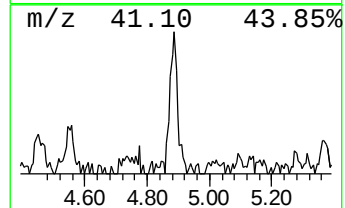
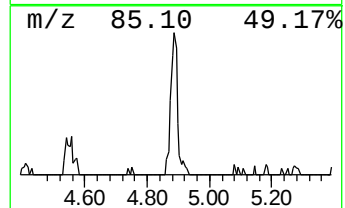
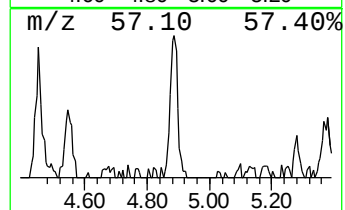
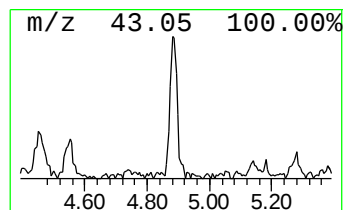
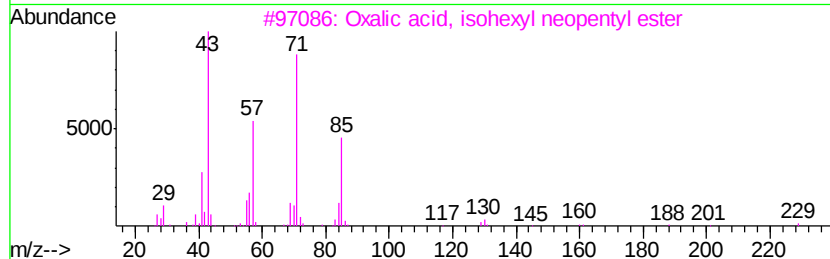
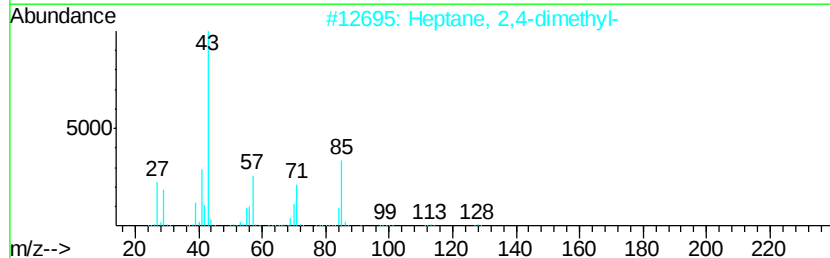
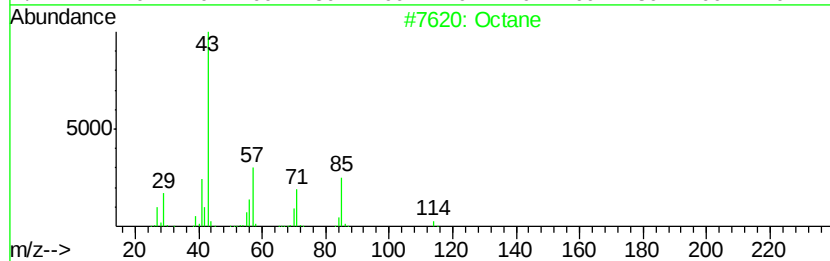
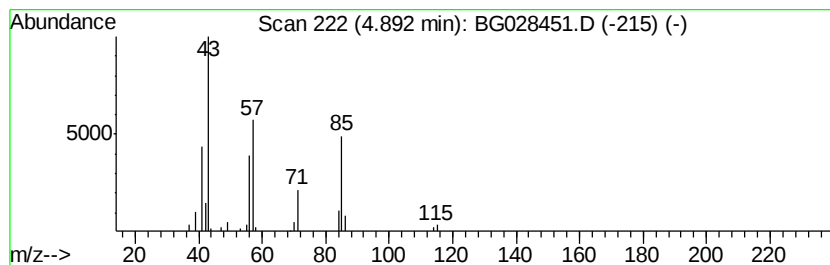
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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.
4.89	4.17 ng/ul	63700	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	62
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3		Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
5		Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

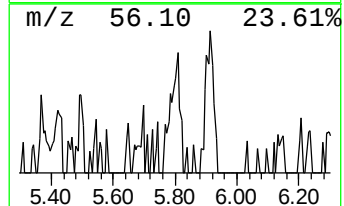
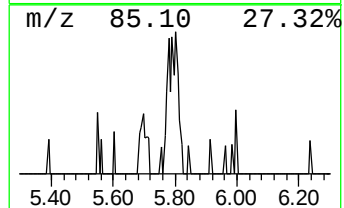
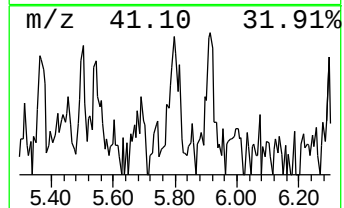
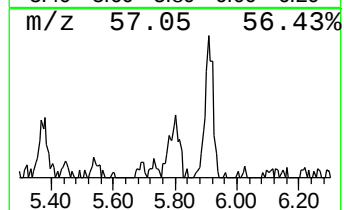
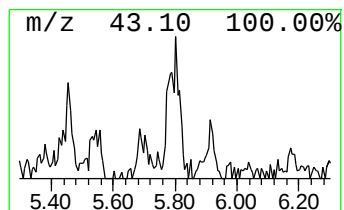
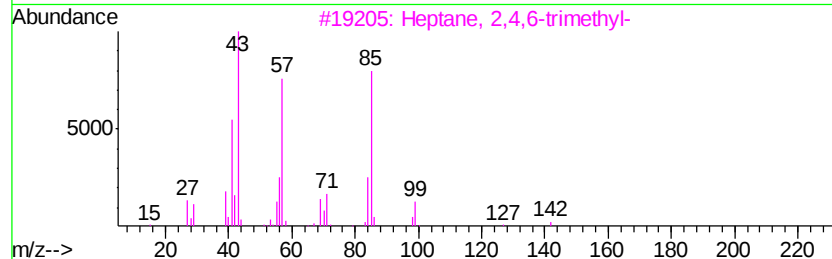
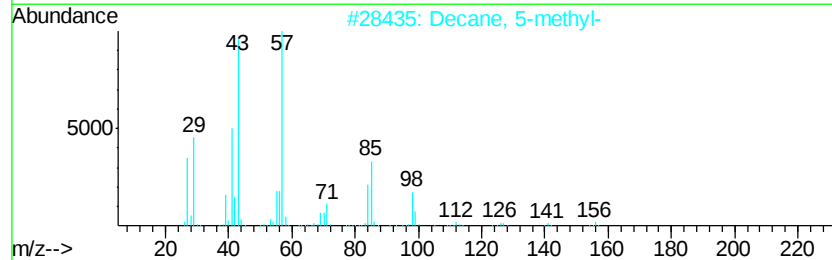
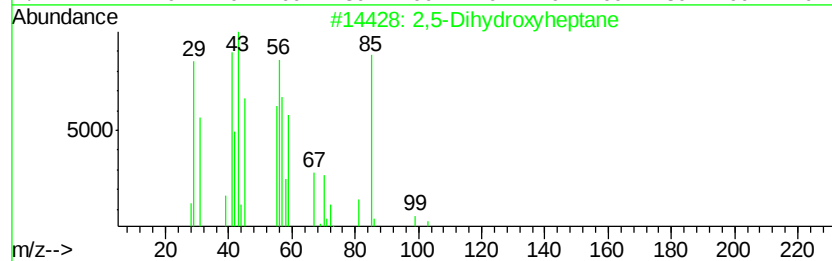
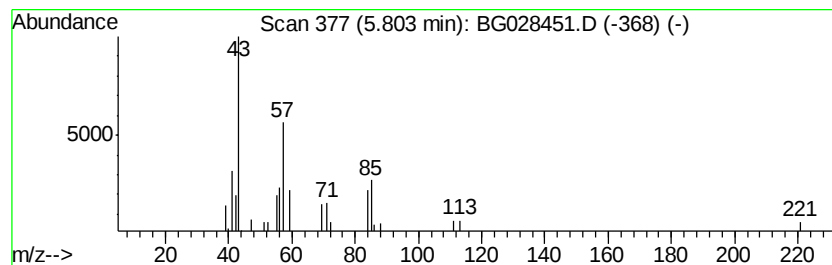
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	2.01 ng/ul	30660	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dihydroxyheptane	132	C7H16O2	070444-25-6	38
2		Decane, 5-methyl-	156	C11H24	013151-35-4	38
3		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	37
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	33
5		2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

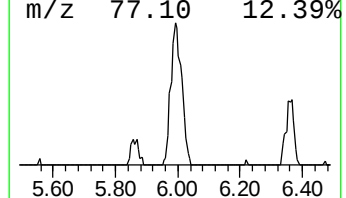
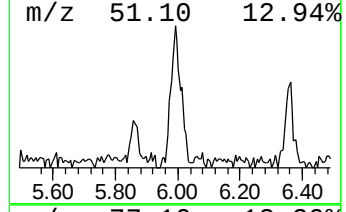
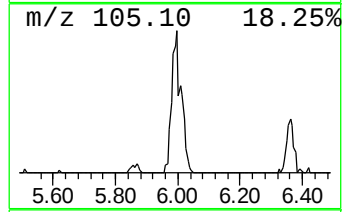
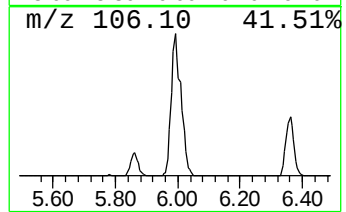
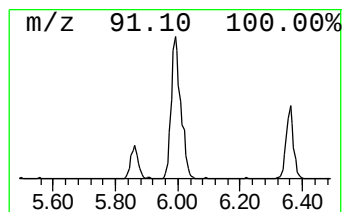
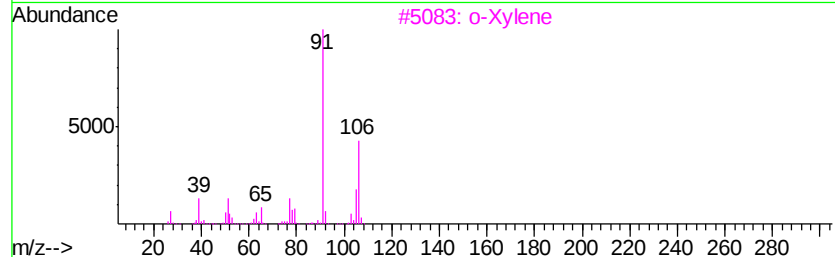
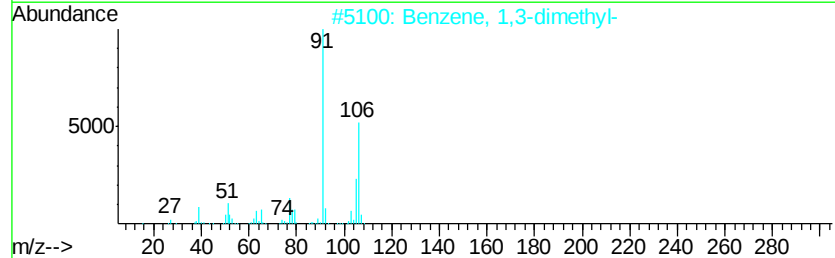
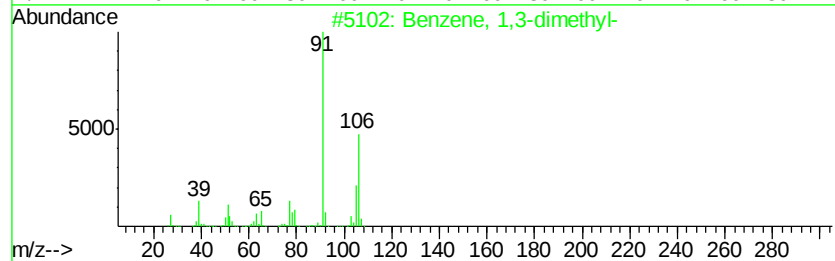
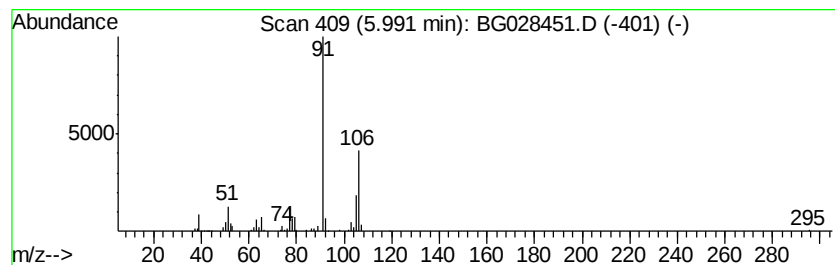
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	15.91 ng/ul	242967	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		p-Xylene	106	C8H10	000106-42-3	97
5		o-Xylene	106	C8H10	000095-47-6	97



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
B0AA4

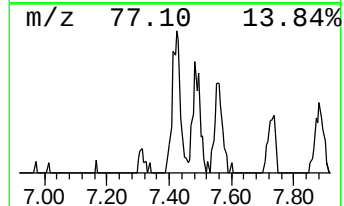
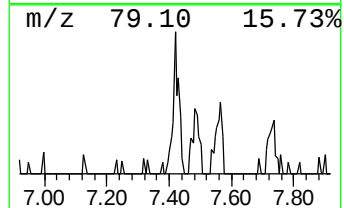
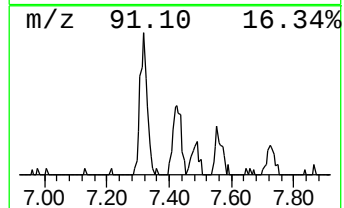
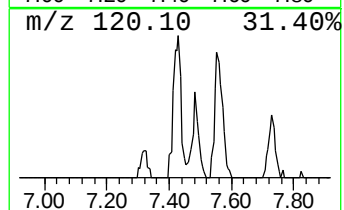
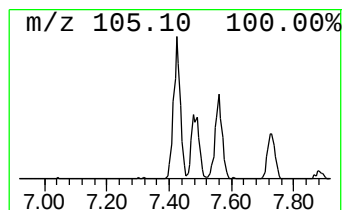
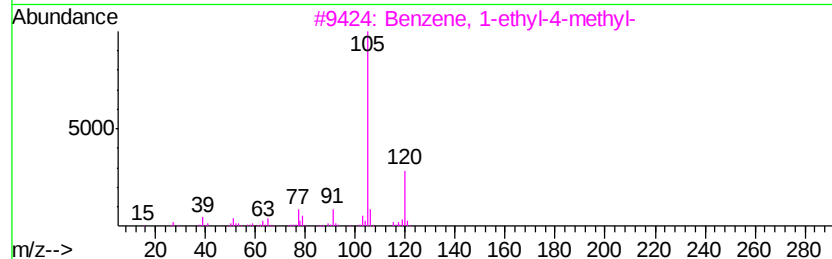
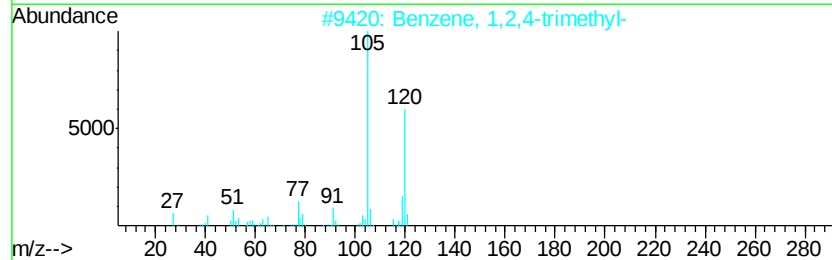
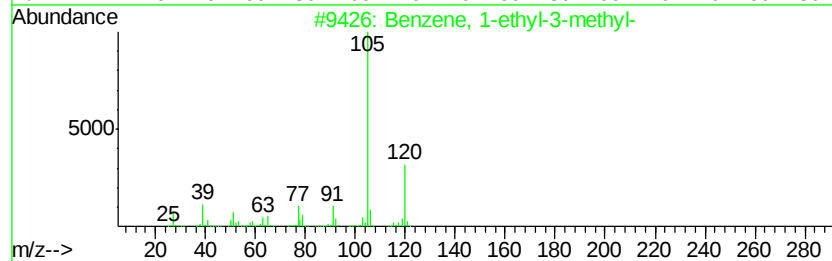
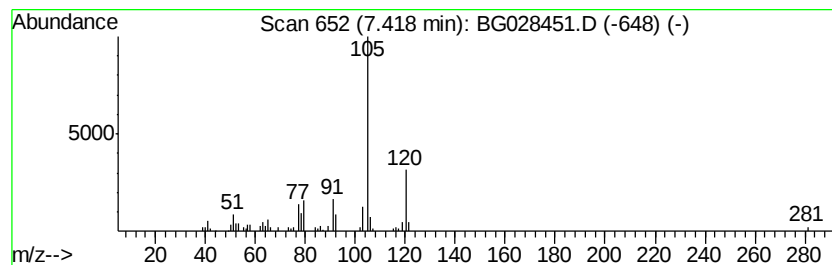
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	4.28 ng/ul	65334	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

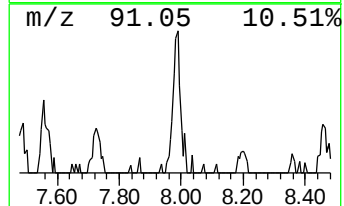
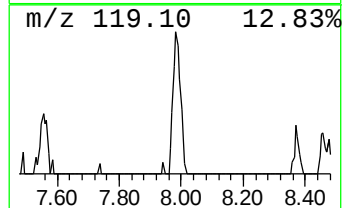
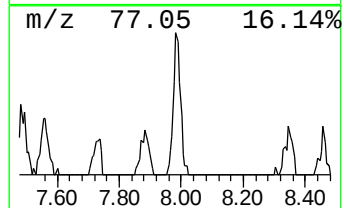
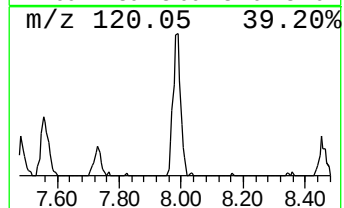
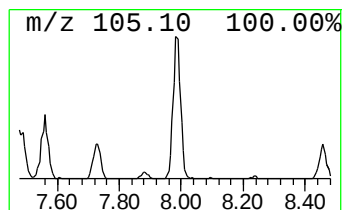
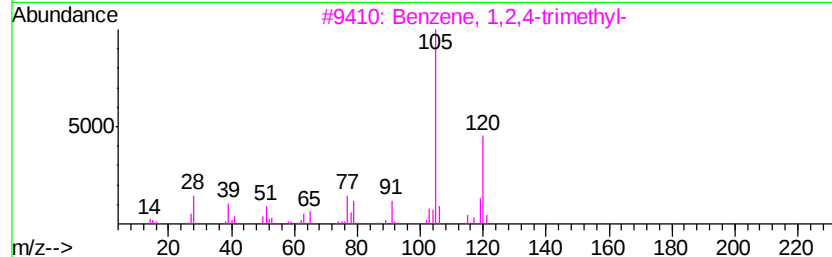
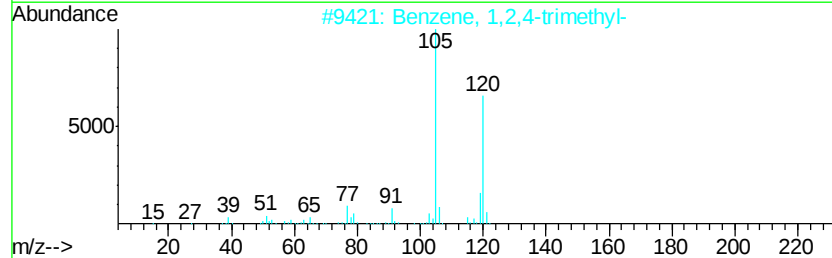
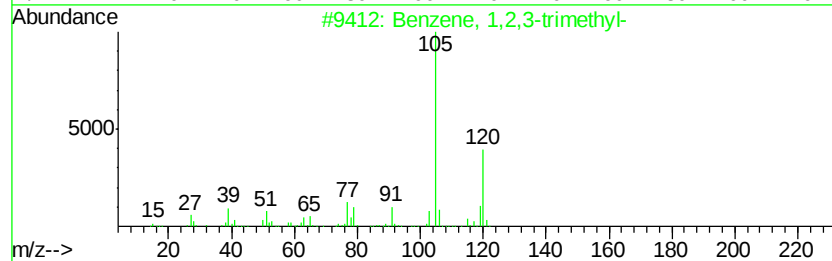
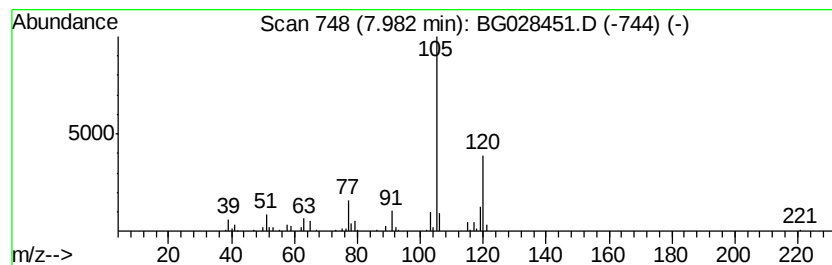
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	6.96 ng/ul	106275	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

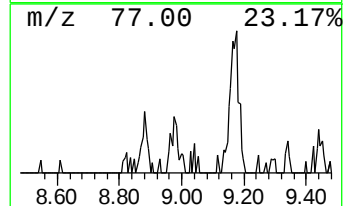
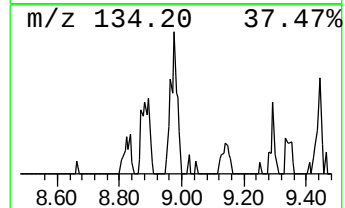
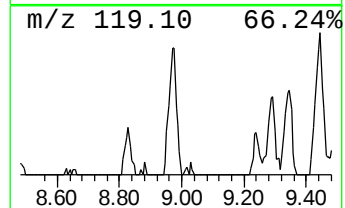
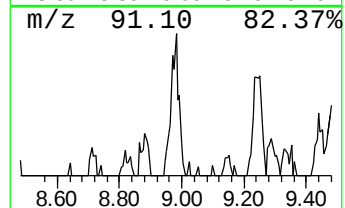
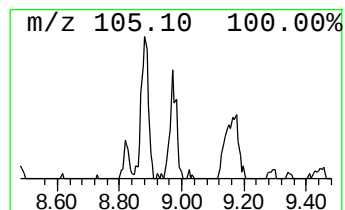
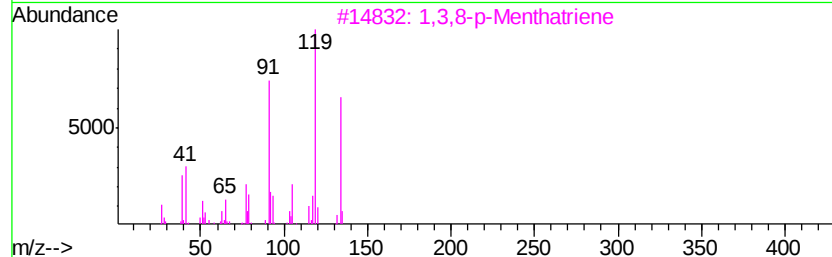
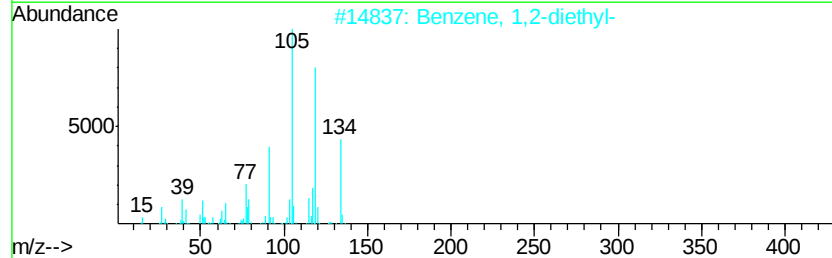
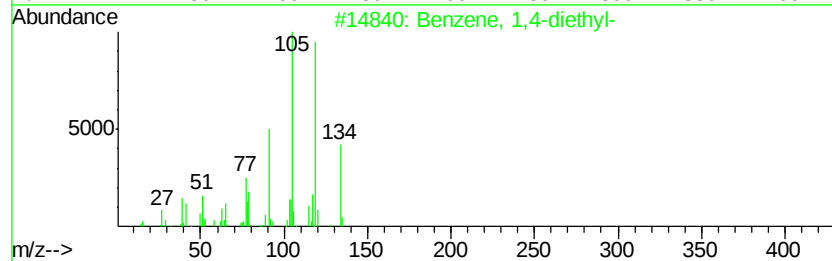
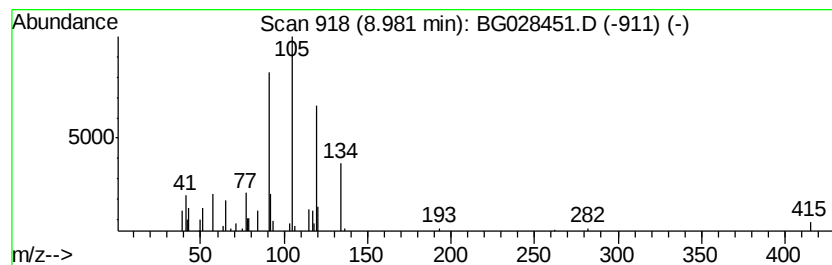
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	2.71 ng/ul	41413	1,4-Dichlorobenzene-d4	8.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
3		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	74
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

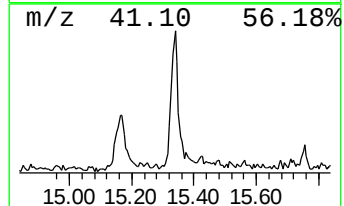
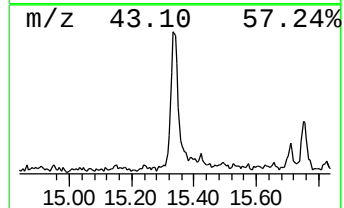
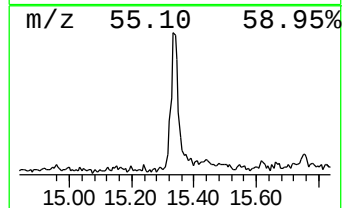
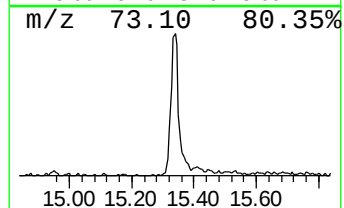
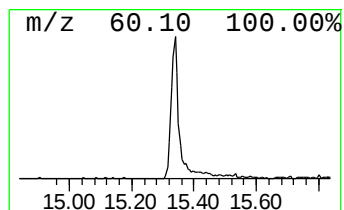
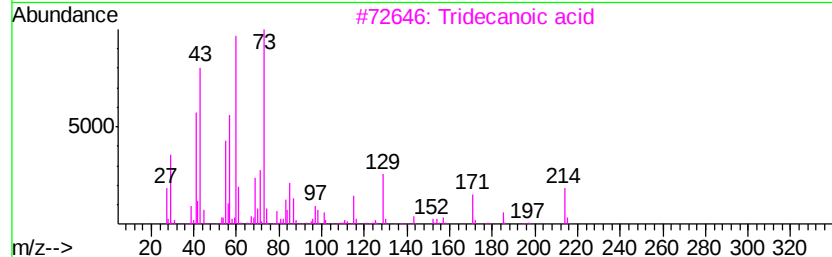
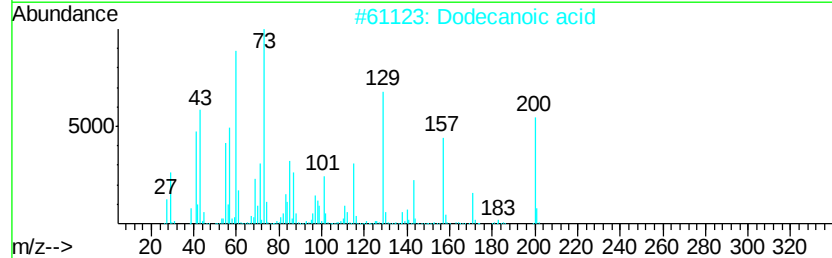
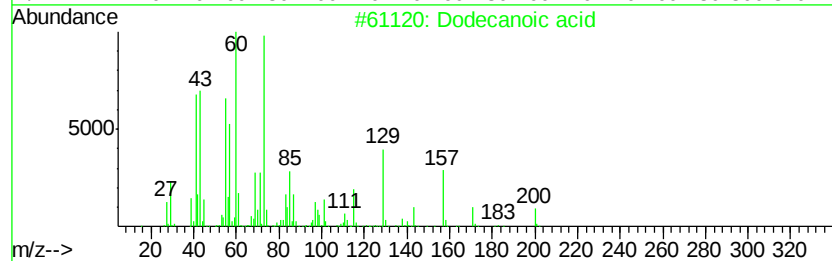
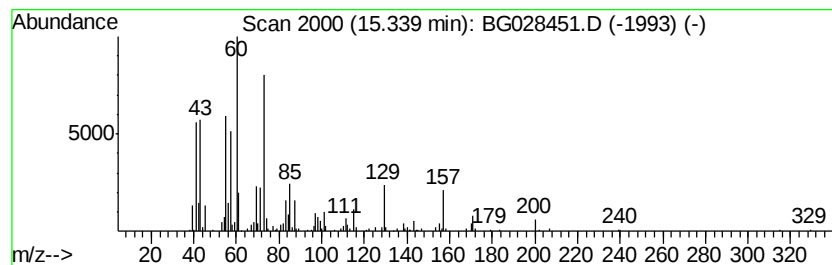
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	9.15 ng/ul	281900	Acenaphthene-d10	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2		Dodecanoic acid	200	C12H24O2	000143-07-7	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

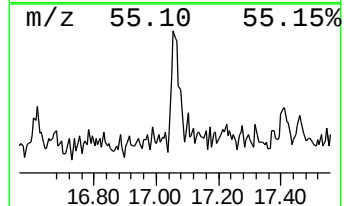
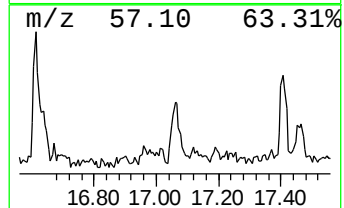
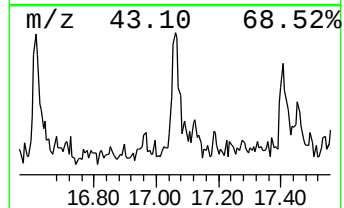
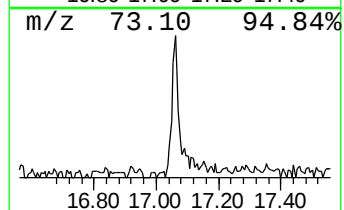
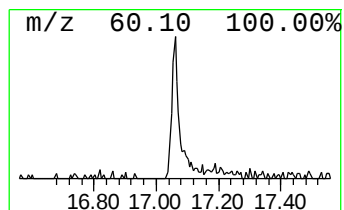
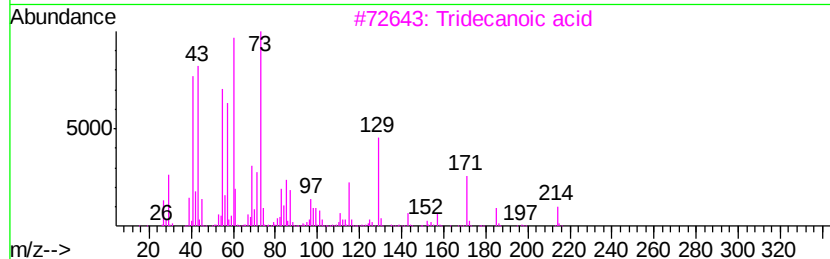
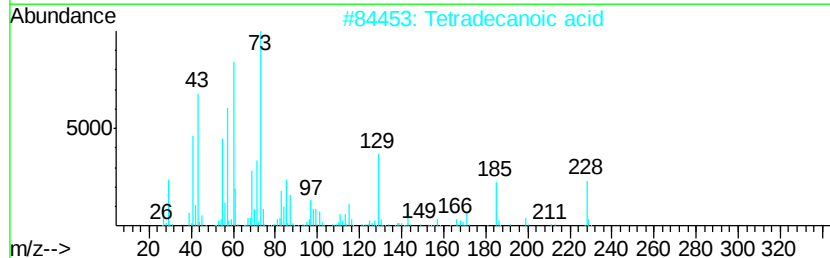
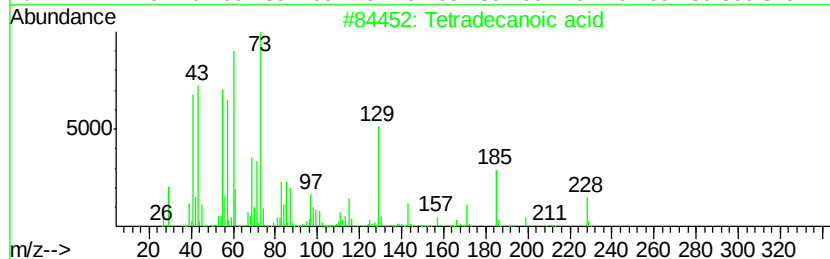
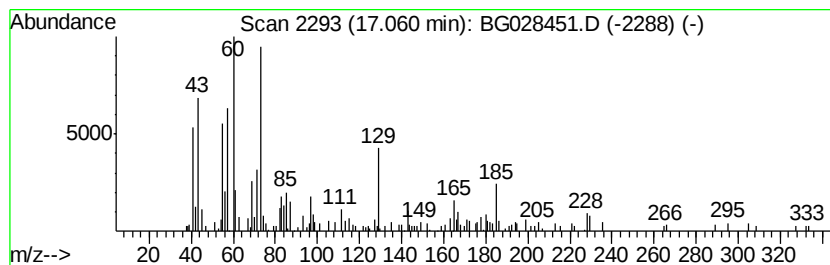
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.90 ng/ul	101573	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

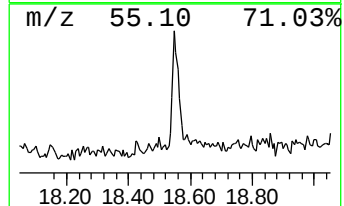
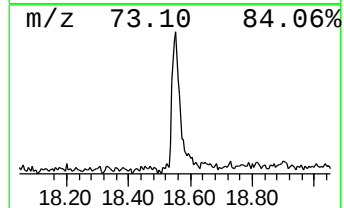
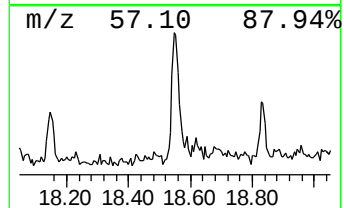
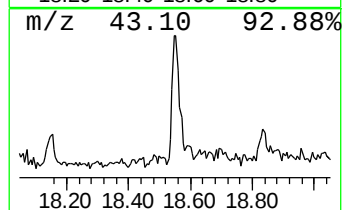
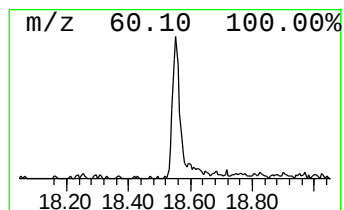
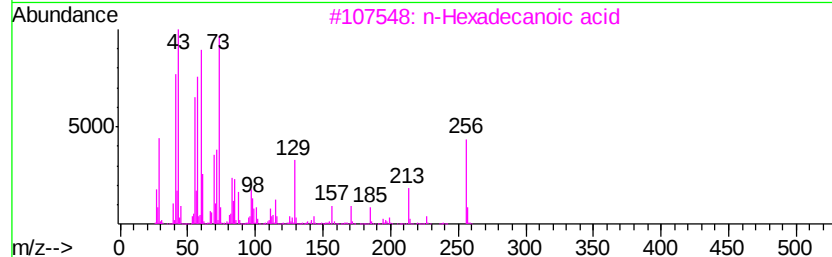
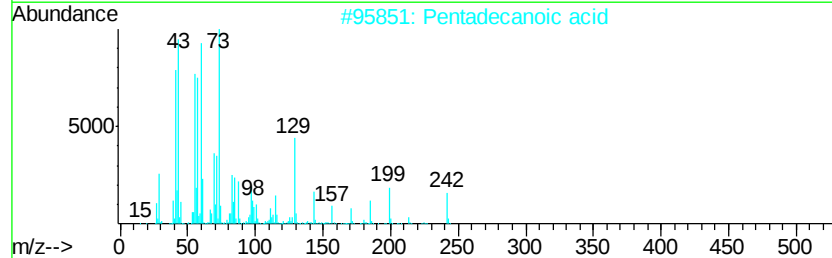
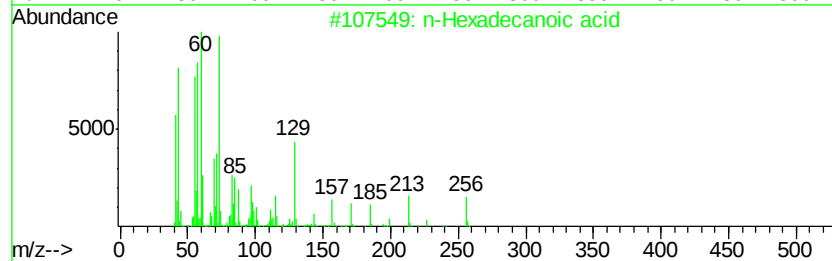
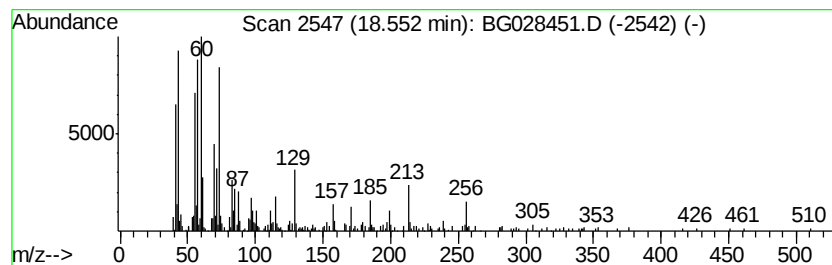
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	6.84 ng/ul	239668	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5			Dodecanoic acid	200	C12H24O2	000143-07-7	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

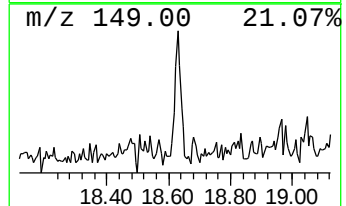
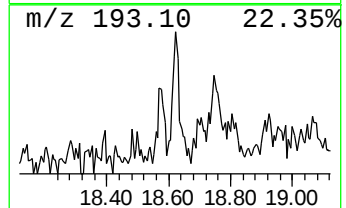
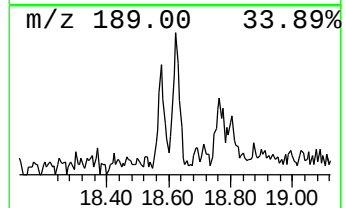
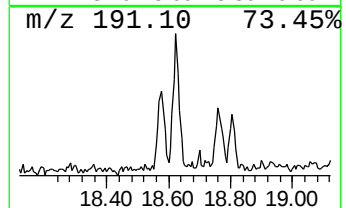
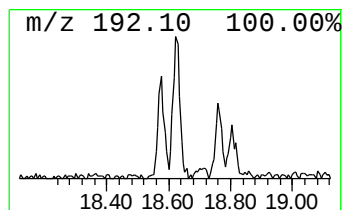
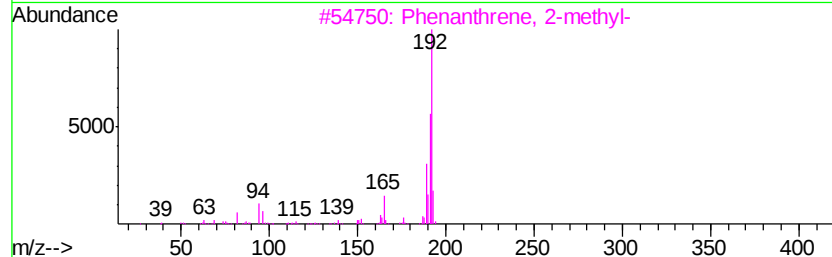
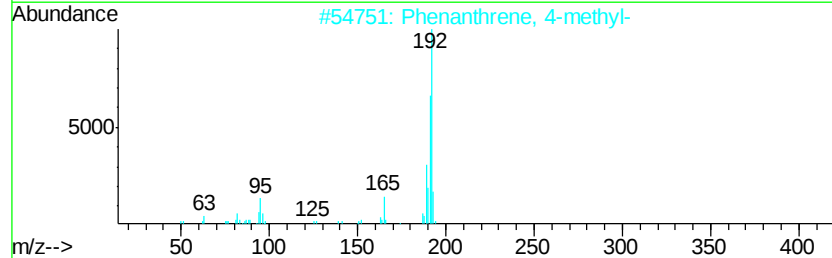
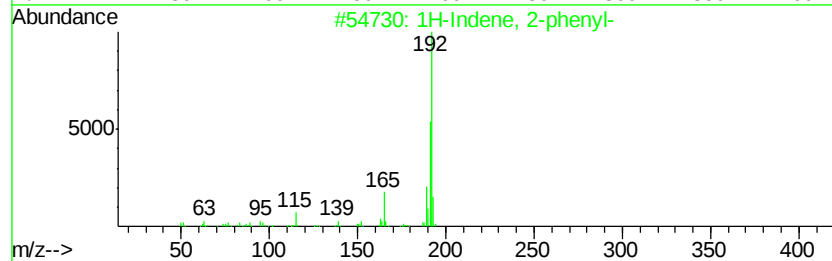
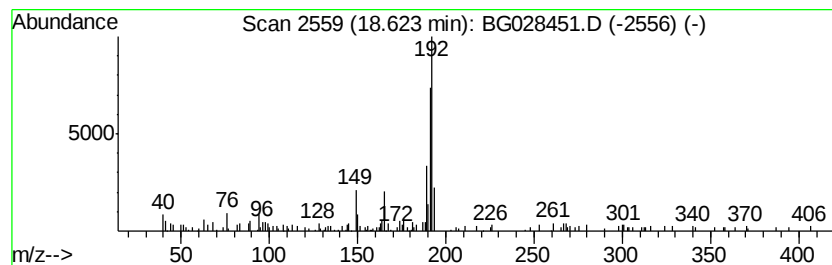
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.09 ng/ul	73275	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

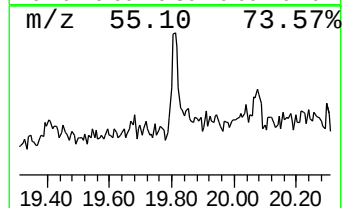
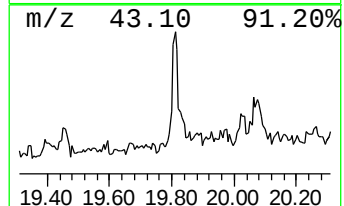
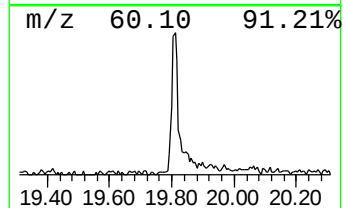
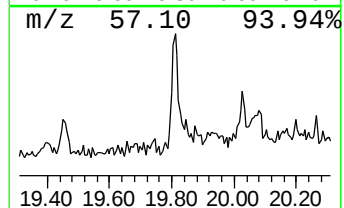
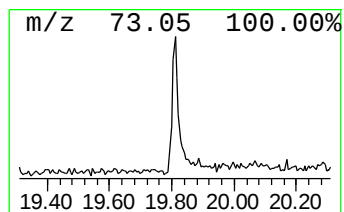
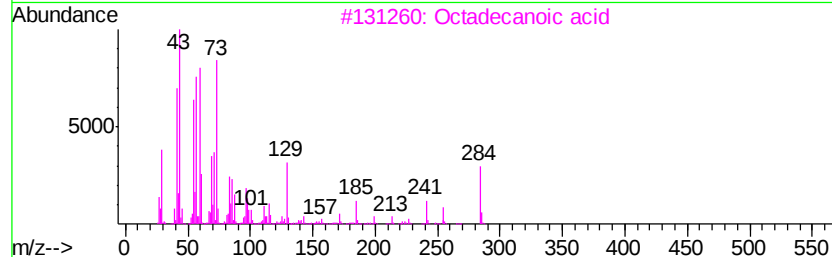
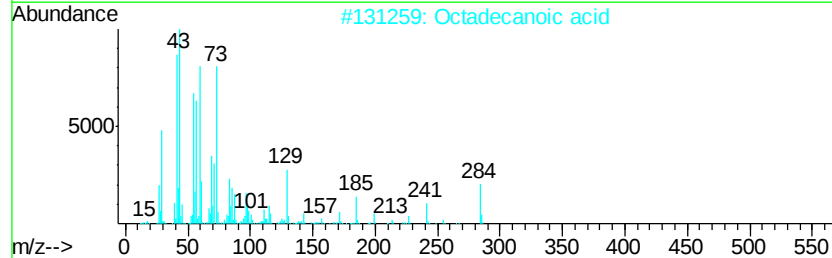
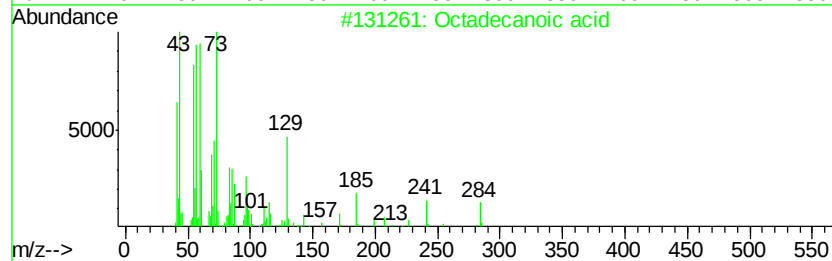
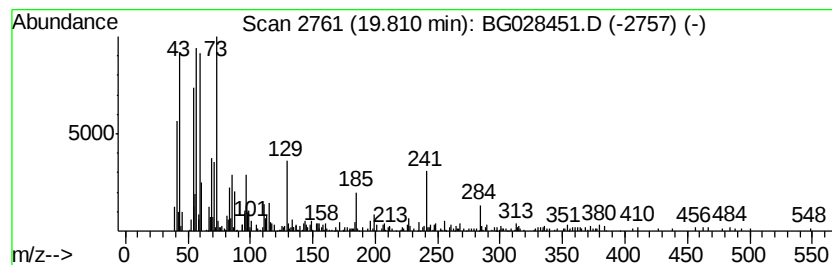
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	5.70 ng/ul	199869	Phenanthrene-d10	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Octadecanoic acid	284	C18H36O2	000057-11-4	91
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

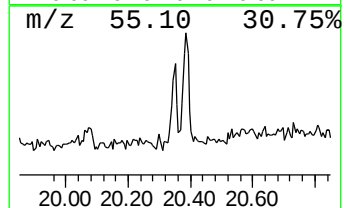
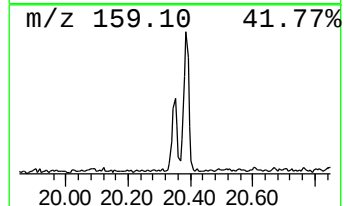
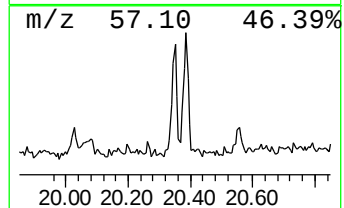
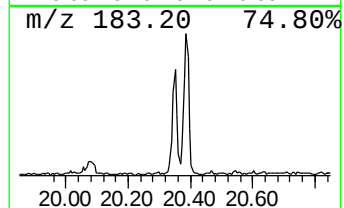
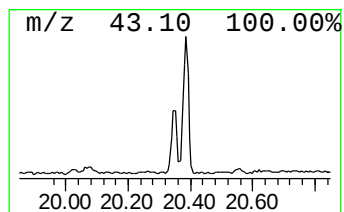
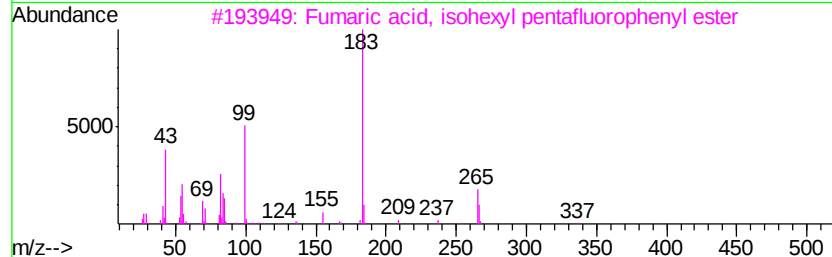
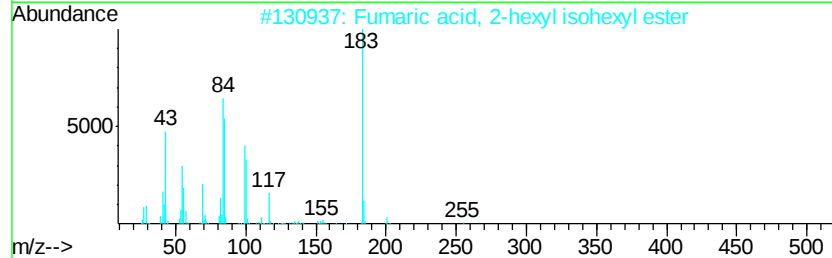
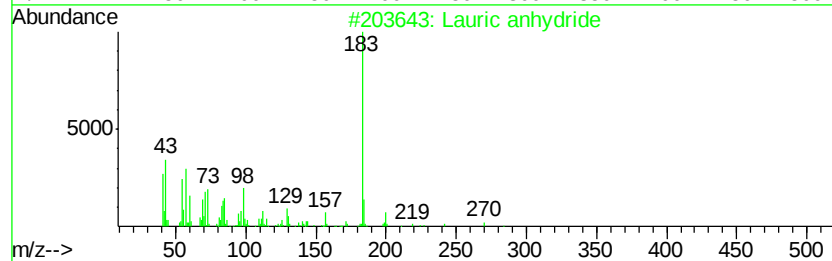
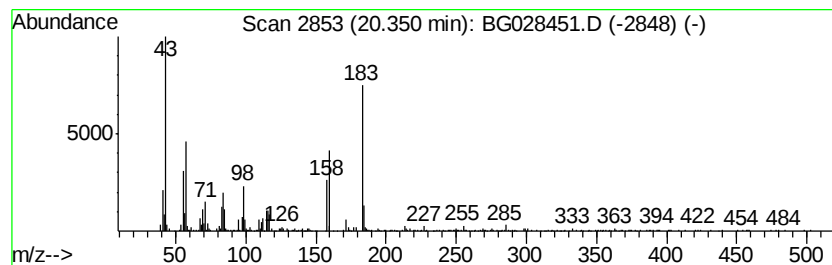
Instrument :
BNA_G
ClientSampleId :
B0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	7.51 ng/ul	282868	Chrysene-d12	22.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Lauric anhydride	382 C24H46O3	000645-66-9	43
2	Fumaric acid, 2-hexyl isohexyl e...	284 C16H28O4	1000348-74-4	43
3	Fumaric acid, isohexyl pentafluo...	366 C16H15F5O4	1000348-09-7	38
4	Lauric anhydride	382 C24H46O3	000645-66-9	38
5	Fumaric acid, hexyl 2-pentyl ester	270 C15H26O4	1000330-41-6	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

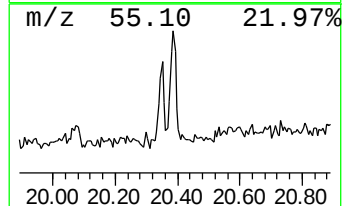
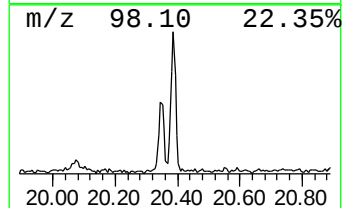
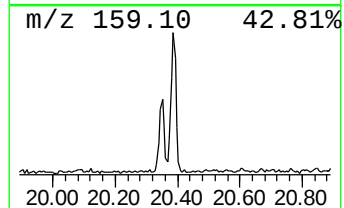
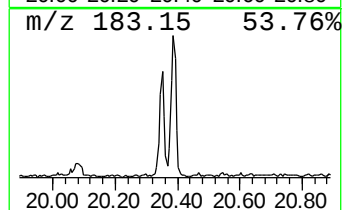
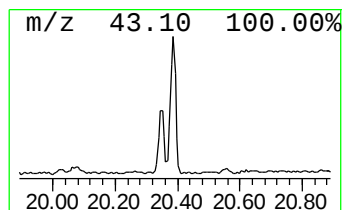
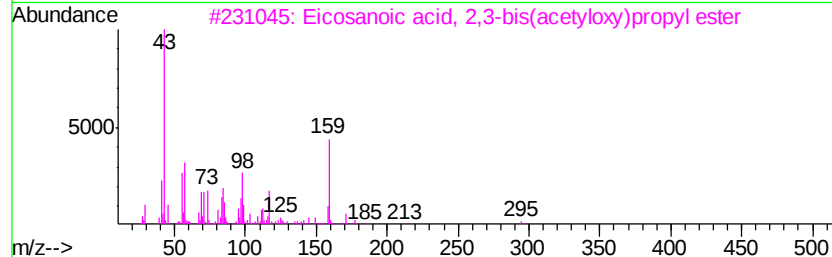
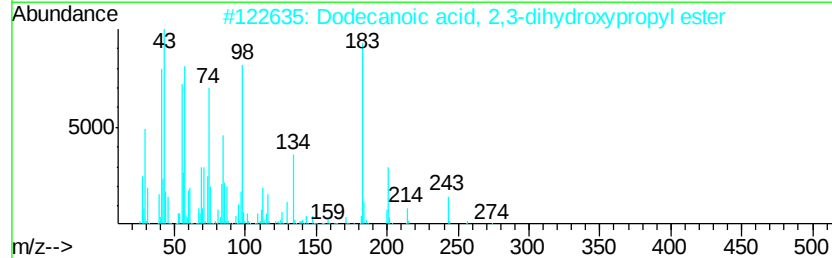
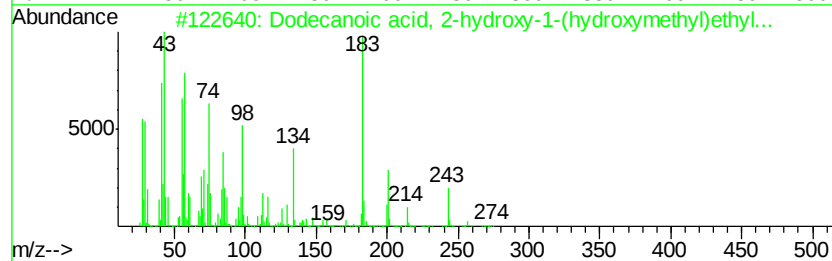
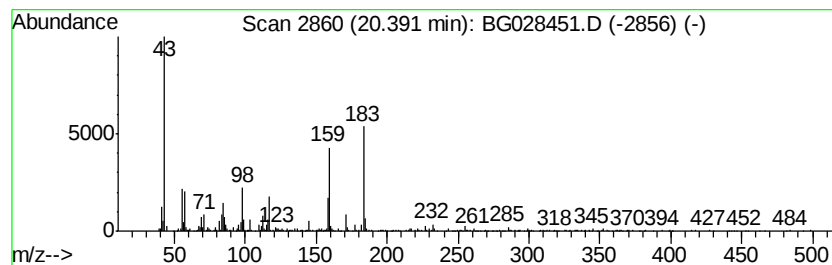
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	12.02 ng/ul	452762	Chrysene-d12	22.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	43
2		Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	27
3		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	25
4		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
5		3,5-Di-O-acetyl-1,4-anhydro-2-O-...	232	C10H16O6	1000357-23-2	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

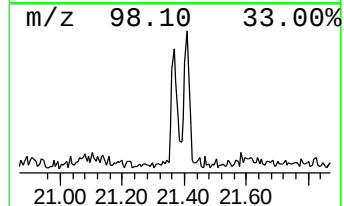
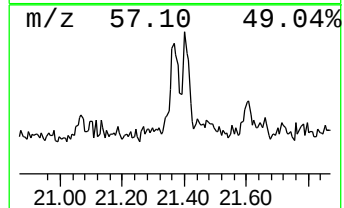
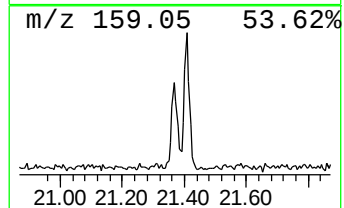
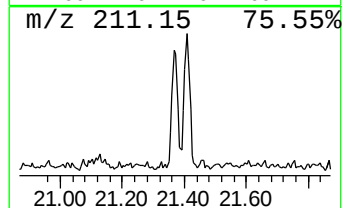
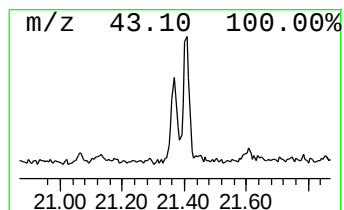
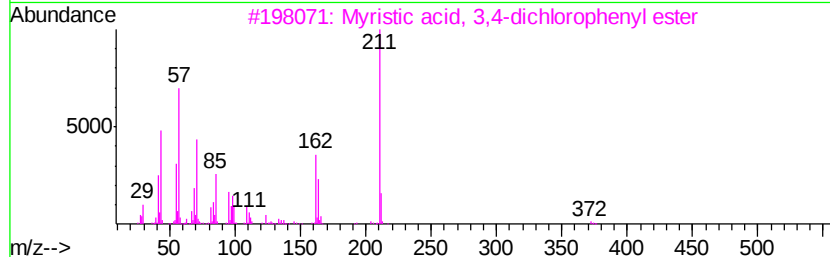
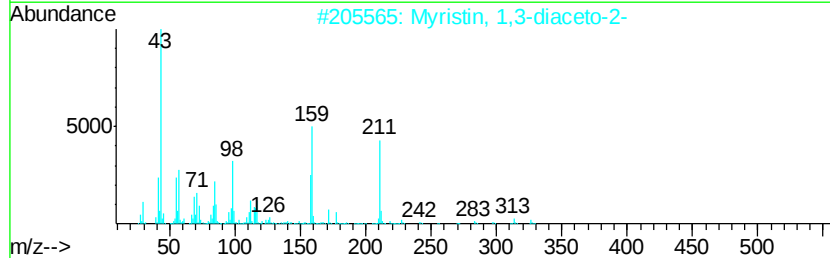
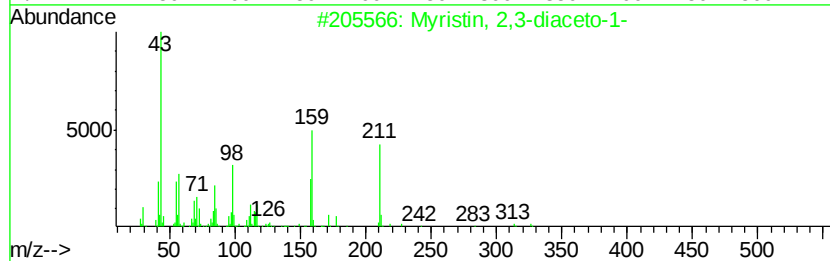
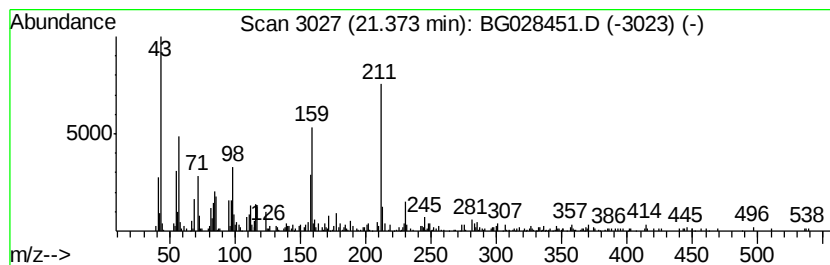
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Myristin, 2,3-diaceto-1- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.56 ng/ul	171897	Chrysene-d12	22.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	90
2		Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	90
3		Myristic acid, 3,4-dichloropheny...	372	C20H30Cl2O2	1000357-93-1	30
4		Nonanoic acid, heptadecyl ester	396	C26H52O2	1000340-28-4	25
5		Nonanoic acid, nonadecyl ester	424	C28H56O2	1000340-28-6	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028451.D
Acq On : 23 Aug 2017 15:24
Operator : SJ/JU
Sample : I4827-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AA4

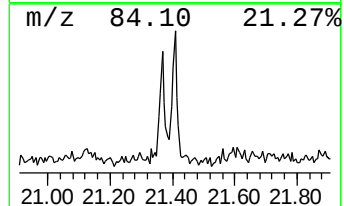
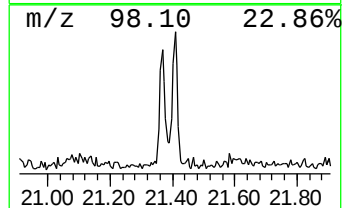
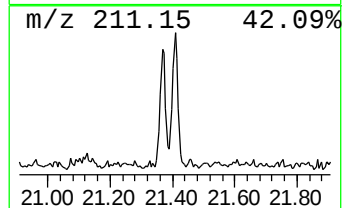
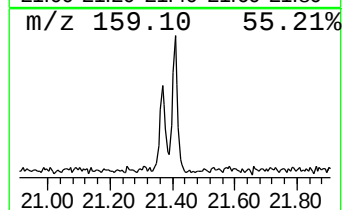
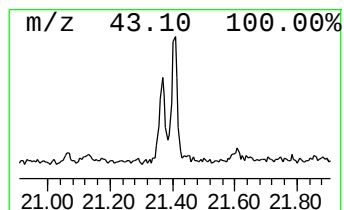
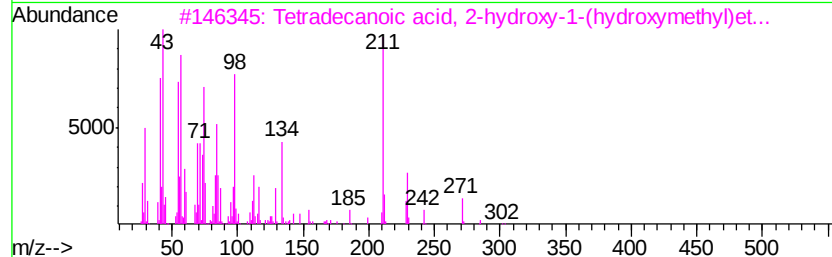
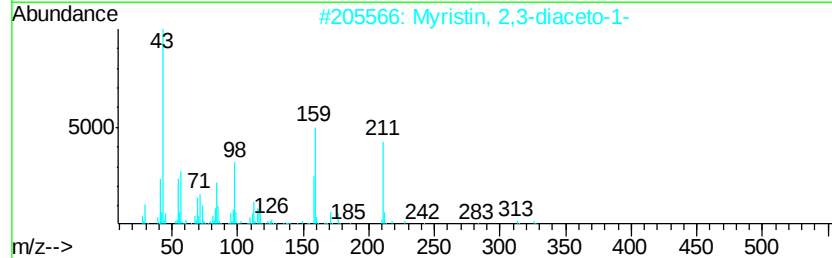
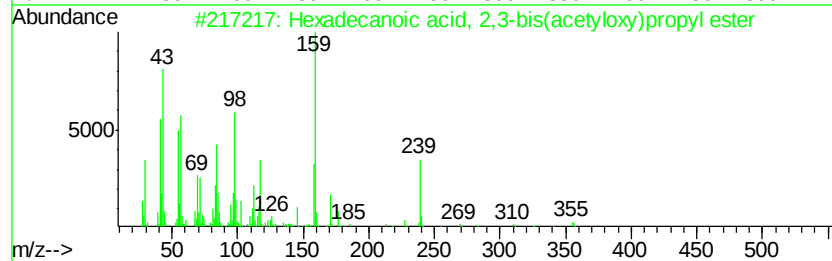
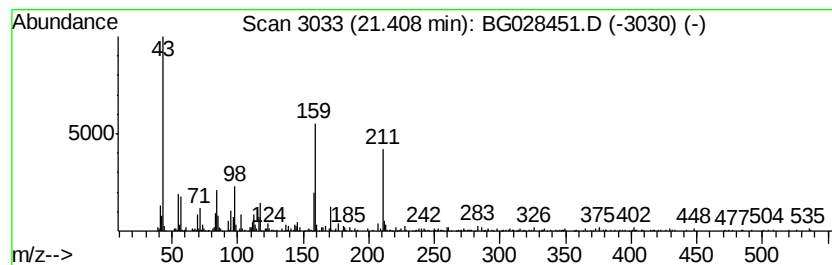
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Hexadecanoic acid, 2,3-bis(...) Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	5.51 ng/ul	207655	Chrysene-d12	22.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	53
2			Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	49
3			Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	42
4			Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	38
5			2-Chloro-4-fluoro-5-methylaniline	159	C7H7ClFN	116759-33-2	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
 Data File : BG028451.D
 Acq On : 23 Aug 2017 15:24
 Operator : SJ/JU
 Sample : I4827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AA4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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...	4.89	4.2	ng/ul	63700	1	8.35	305459	20.0
unknown-01	5.80	2.0	ng/ul	30660	1	8.35	305459	20.0
Benzene, 1,3-dime...	5.99	15.9	ng/ul	242967	1	8.35	305459	20.0
Benzene, 1-ethyl-...	7.42	4.3	ng/ul	65334	1	8.35	305459	20.0
Benzene, 1,2,3-tr...	7.98	7.0	ng/ul	106275	1	8.35	305459	20.0
Benzene, 1,4-diet...	8.98	2.7	ng/ul	41413	1	8.35	305459	20.0
Dodecanoic acid	15.34	9.2	ng/ul	281900	3	14.96	616266	20.0
Tetradecanoic acid	17.06	2.9	ng/ul	101573	4	17.71	701022	20.0
n-Hexadecanoic acid	18.55	6.8	ng/ul	239668	4	17.71	701022	20.0
1H-Indene, 2-phenyl-	18.62	2.1	ng/ul	73275	4	17.71	701022	20.0
Octadecanoic acid	19.81	5.7	ng/ul	199869	4	17.71	701022	20.0
unknown-02	20.35	7.5	ng/ul	282868	5	22.04	753255	20.0
unknown-03	20.39	12.0	ng/ul	452762	5	22.04	753255	20.0
Myristin, 2,3-dia...	21.37	4.6	ng/ul	171897	5	22.04	753255	20.0
Hexadecanoic acid...	21.41	5.5	ng/ul	207655	5	22.04	753255	20.0