

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG082512.D
 Acq On : 26 Aug 2017 4:56
 Operator : SJ/JU
 Sample : I4885-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AW6

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	3.816	34	39	50	rVB4	10202	20584	1.14%	0.116%
2	4.086	83	85	92	rBV3	3665	6194	0.34%	0.035%
3	5.455	303	318	324	rVB8	6009	17172	0.95%	0.097%
4	7.488	653	664	676	rBV2	198405	398636	22.09%	2.246%
5	7.653	685	692	703	rBV	153473	259459	14.38%	1.462%
6	7.870	721	729	744	rBV	203352	364189	20.18%	2.052%
7	8.334	798	808	823	rVB	116254	215061	11.92%	1.212%
8	9.033	920	927	942	rVV	270976	492476	27.29%	2.774%
9	9.509	999	1008	1019	rBV	215526	412016	22.83%	2.321%
10	9.609	1019	1025	1030	rVV5	6365	14941	0.83%	0.084%
11	10.232	1123	1131	1146	rVB2	186530	361323	20.02%	2.035%
12	10.373	1146	1155	1158	rBV4	2462	6976	0.39%	0.039%
13	10.773	1215	1223	1240	rVB	270887	534450	29.62%	3.011%
14	11.155	1279	1288	1296	rBV	169278	317742	17.61%	1.790%
15	11.290	1302	1311	1326	rBV	198058	399038	22.11%	2.248%
16	11.836	1401	1404	1408	rBV5	4219	7406	0.41%	0.042%
17	11.954	1418	1424	1429	rBV6	3416	8048	0.45%	0.045%
18	12.130	1446	1454	1460	rBV3	15004	24402	1.35%	0.137%
19	12.518	1515	1520	1526	rVV6	2699	6462	0.36%	0.036%
20	12.612	1530	1536	1539	rBV6	4808	8316	0.46%	0.047%
21	12.653	1539	1543	1549	rVB7	3604	7845	0.43%	0.044%
22	12.729	1549	1556	1561	rVB5	8060	19005	1.05%	0.107%
23	12.788	1561	1566	1574	rBV3	12760	23202	1.29%	0.131%
24	13.011	1598	1604	1612	rVB7	7439	17745	0.98%	0.100%
25	13.135	1622	1625	1630	rBV5	3635	6187	0.34%	0.035%
26	13.399	1665	1670	1673	rBV6	5050	7610	0.42%	0.043%
27	13.452	1673	1679	1687	rVB3	23403	34095	1.89%	0.192%
28	13.722	1720	1725	1727	rBV3	6984	11444	0.63%	0.064%
29	13.746	1727	1729	1734	rVB4	7251	8643	0.48%	0.049%
30	13.816	1738	1741	1748	rBV7	4927	10615	0.59%	0.060%
31	13.975	1762	1768	1773	rVB9	6118	11675	0.65%	0.066%
32	14.122	1786	1793	1798	rVV8	11604	23766	1.32%	0.134%
33	14.263	1812	1817	1822	rVV7	16901	27534	1.53%	0.155%
34	14.339	1822	1830	1834	rVV	564674	873099	48.38%	4.918%

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Integration Parameters: LSCINT.P

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35	14.386	1834	1838	1844	rVB	279935	400745	22.21%	2.258%
36	14.504	1854	1858	1862	rBV4	8138	11029	0.61%	0.062%
37	14.645	1875	1882	1893	rBV	615467	983743	54.51%	5.542%
38	14.762	1899	1902	1906	rVV5	6530	9072	0.50%	0.051%
39	14.803	1906	1909	1917	rVB10	5803	12413	0.69%	0.070%
40	14.880	1917	1922	1925	rBV6	7428	11989	0.66%	0.068%
41	14.950	1925	1934	1941	rVB2	269782	479862	26.59%	2.703%
42	15.150	1960	1968	1979	rBV	174396	375045	20.78%	2.113%
43	15.303	1988	1994	1998	rBV9	11838	22046	1.22%	0.124%
44	15.332	1998	1999	2008	rVB8	12690	19902	1.10%	0.112%
45	15.414	2008	2013	2020	rBV9	15039	31115	1.72%	0.175%
46	15.555	2033	2037	2042	rBV8	7240	15123	0.84%	0.085%
47	15.643	2049	2052	2058	rVB7	8856	14574	0.81%	0.082%
48	15.749	2060	2070	2074	rBV5	22223	54999	3.05%	0.310%
49	15.808	2074	2080	2084	rBV9	10623	25558	1.42%	0.144%
50	15.937	2094	2102	2109	rBV	835502	1305582	72.35%	7.355%
51	16.061	2115	2123	2130	rBV	250948	408602	22.64%	2.302%
52	16.155	2133	2139	2150	rVB	66113	129753	7.19%	0.731%
53	16.254	2151	2156	2162	rVB10	5504	11089	0.61%	0.062%
54	16.372	2173	2176	2183	rVB7	12582	18486	1.02%	0.104%
55	16.442	2184	2188	2190	rBV5	4589	7125	0.39%	0.040%
56	16.630	2212	2220	2228	rBV	128999	236877	13.13%	1.334%
57	16.795	2242	2248	2251	rVB8	8950	18228	1.01%	0.103%
58	16.842	2252	2256	2259	rBV6	8940	10794	0.60%	0.061%
59	16.895	2259	2265	2267	rBV6	8666	14196	0.79%	0.080%
60	16.948	2271	2274	2278	rBV5	13763	18896	1.05%	0.106%
61	17.012	2279	2285	2291	rVB5	13239	25745	1.43%	0.145%
62	17.406	2349	2352	2356	rBV4	18229	24803	1.37%	0.140%
63	17.453	2356	2360	2373	rVB	71653	116537	6.46%	0.656%
64	17.647	2389	2393	2396	rBV6	11888	17797	0.99%	0.100%
65	17.700	2396	2402	2412	rVV	381250	610064	33.81%	3.437%
66	17.800	2412	2419	2428	rVV	930424	1439700	79.78%	8.110%
67	18.064	2460	2464	2473	rVB7	19231	39868	2.21%	0.225%
68	18.146	2475	2478	2482	rBV6	10671	17713	0.98%	0.100%
69	18.546	2542	2546	2553	rBV4	67610	112410	6.23%	0.633%
70	18.693	2567	2571	2578	rVB10	17107	31061	1.72%	0.175%
71	18.916	2606	2609	2623	rVB10	11380	34963	1.94%	0.197%

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AW6

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
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Peak Location: TOP

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Title : SVOA CALIBRATION

72	19.233	2660	2663	2666	rBV5	6395	9888	0.55%	0.056%
73	19.274	2669	2670	2678	rVB8	11617	16793	0.93%	0.095%
74	19.703	2741	2743	2748	rVB3	10054	10487	0.58%	0.059%
75	19.803	2757	2760	2769	rBV8	25931	52665	2.92%	0.297%
76	19.956	2781	2786	2794	rVB7	13899	30672	1.70%	0.173%
77	20.073	2800	2806	2817	rVB	1159706	1721206	95.38%	9.696%
78	20.549	2882	2887	2889	rBV6	7747	13629	0.76%	0.077%
79	21.284	3005	3012	3015	rBV9	9135	18220	1.01%	0.103%
80	21.601	3062	3066	3074	rVB8	28386	57709	3.20%	0.325%
81	21.818	3100	3103	3104	rBV3	8079	6079	0.34%	0.034%
82	22.030	3131	3139	3147	rVB	415494	741241	41.07%	4.176%
83	23.058	3311	3314	3318	rBV6	5196	10106	0.56%	0.057%
84	23.563	3397	3400	3407	rBV9	11981	24306	1.35%	0.137%
85	23.787	3434	3438	3445	rVB9	10909	19554	1.08%	0.110%
86	24.263	3518	3519	3522	rBV3	6135	6765	0.37%	0.038%
87	24.445	3544	3550	3558	rVB3	16370	39525	2.19%	0.223%
88	24.744	3596	3601	3614	rVB3	11710	41040	2.27%	0.231%
89	24.921	3629	3631	3634	rBV4	6825	7170	0.40%	0.040%
90	25.297	3682	3695	3711	rBV2	563878	1804637	100.00%	10.166%
91	25.538	3720	3736	3756	rVB2	211447	764692	42.37%	4.308%
92	26.266	3859	3860	3865	rVB5	8582	11547	0.64%	0.065%
93	26.701	3921	3934	3940	rBV7	22912	73821	4.09%	0.416%
94	26.965	3973	3979	3984	rBV10	12879	31727	1.76%	0.179%
95	28.158	4172	4182	4193	rVB10	20215	79105	4.38%	0.446%
96	28.229	4193	4194	4200	rBV6	8324	10332	0.57%	0.058%
97	29.944	4478	4486	4496	rVB6	14996	52376	2.90%	0.295%
98	31.155	4691	4692	4696	rVB4	6953	6846	0.38%	0.039%
99	31.466	4743	4745	4750	rVB6	7467	8063	0.45%	0.045%
100	31.871	4812	4814	4816	rBV3	5920	6568	0.36%	0.037%

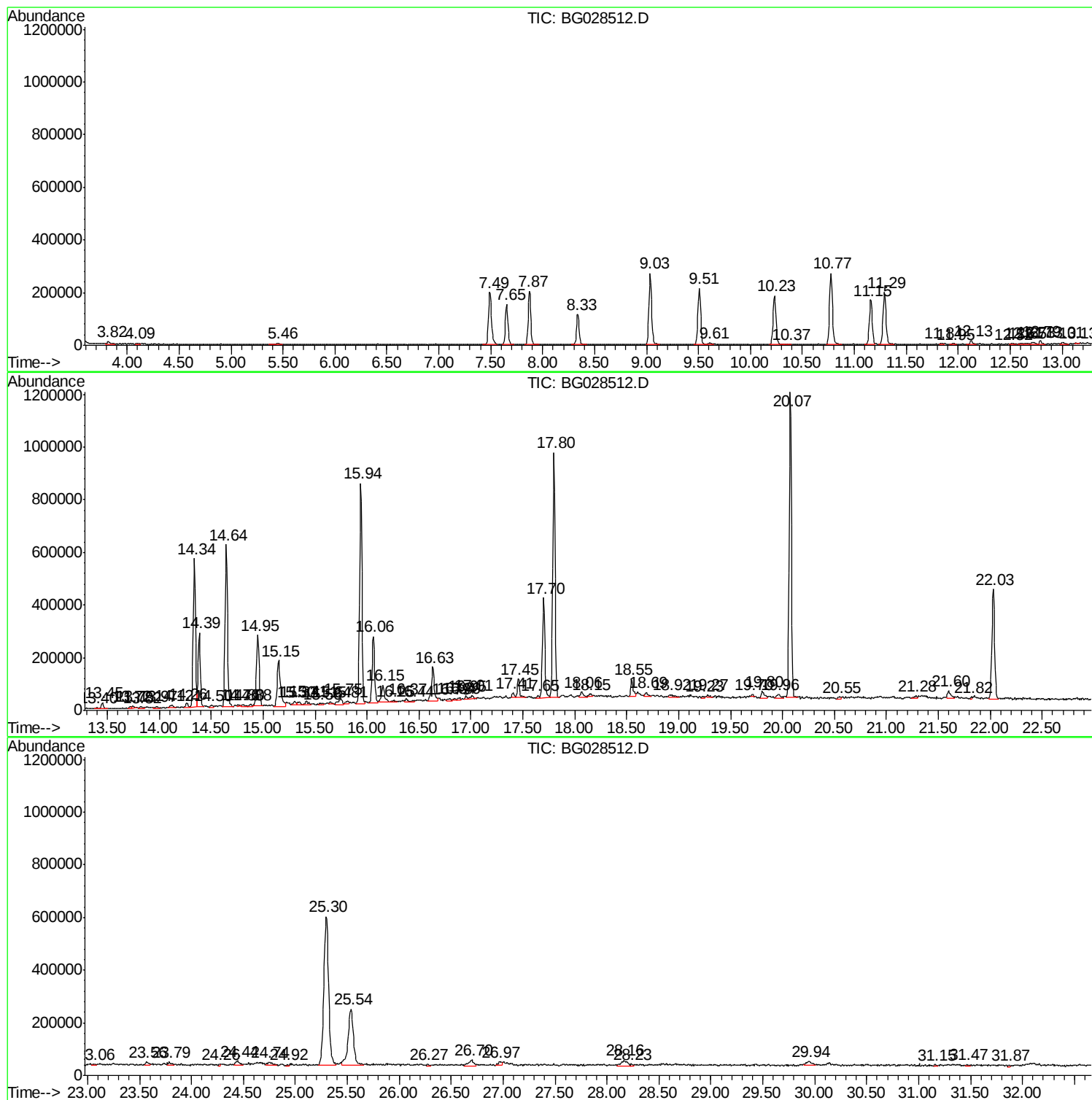
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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



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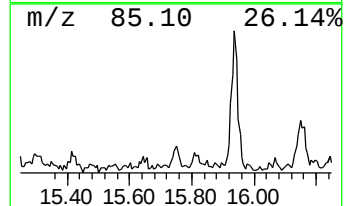
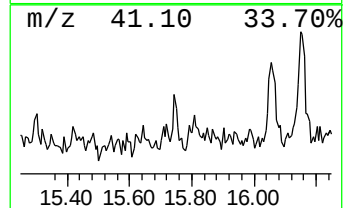
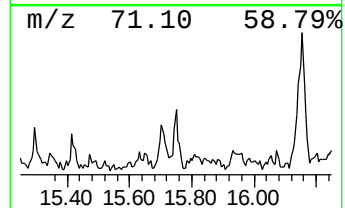
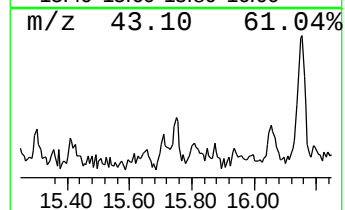
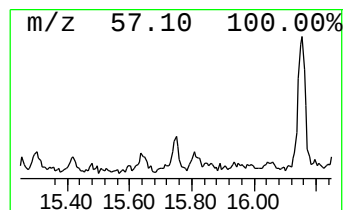
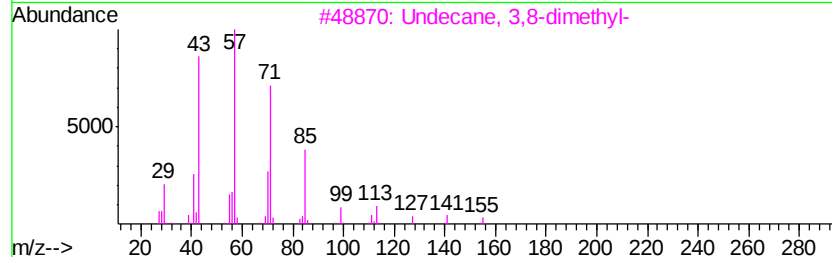
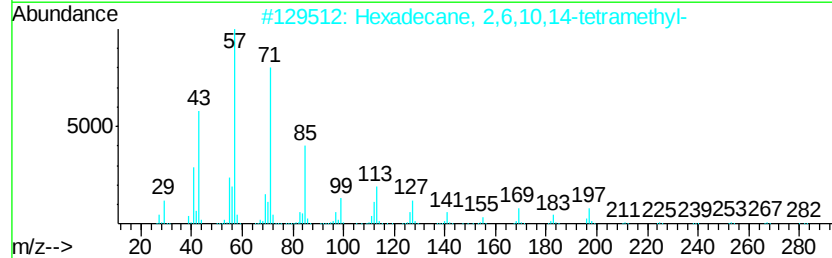
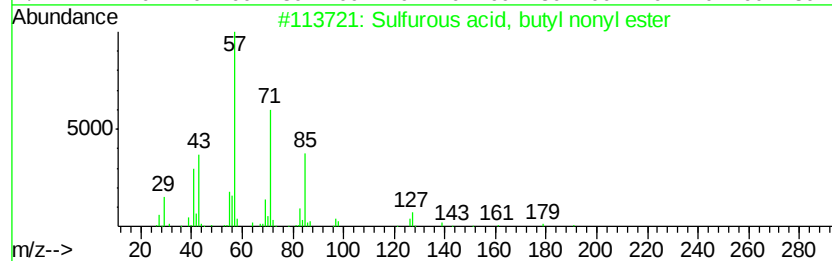
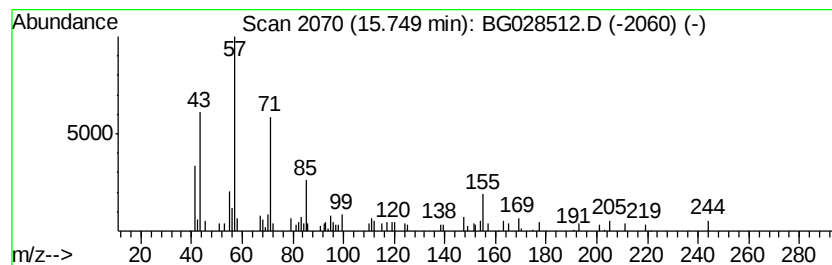
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, butyl nonyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.29 ng/ul	54999	Acenaphthene-d10	14.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, butyl nonyl ester	264 C13H28O3S	1000309-17-6 50
2		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 50
3		Undecane, 3,8-dimethyl-	184 C13H28	017301-30-3 50
4		Heptadecane	240 C17H36	000629-78-7 50
5		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 50



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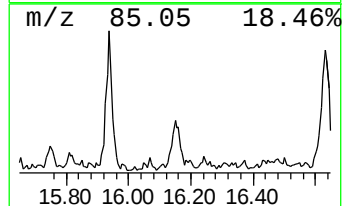
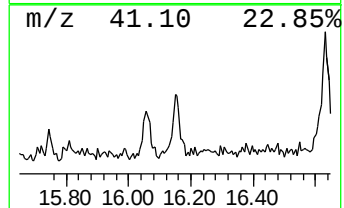
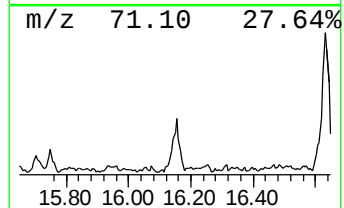
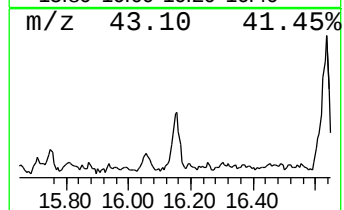
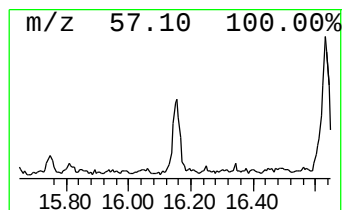
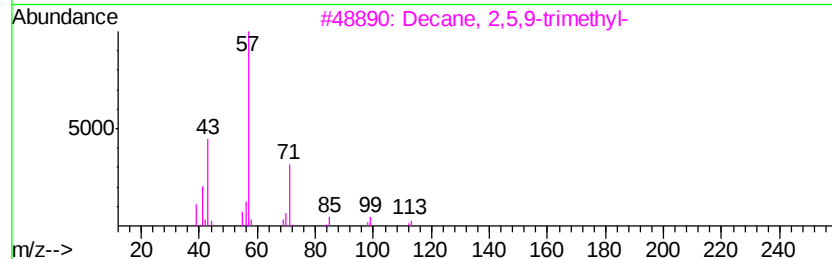
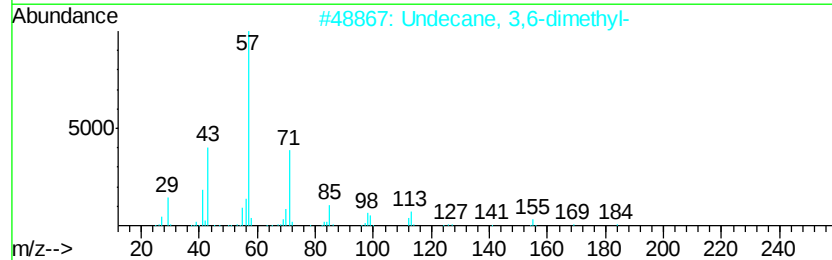
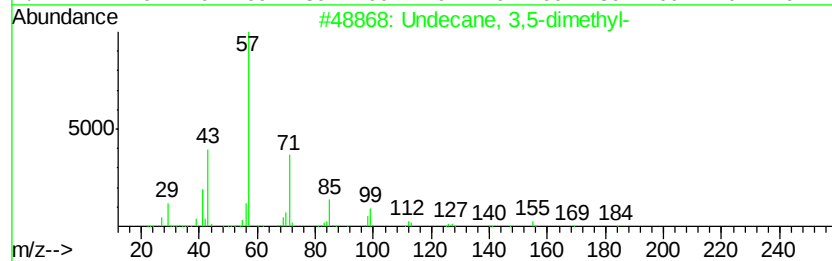
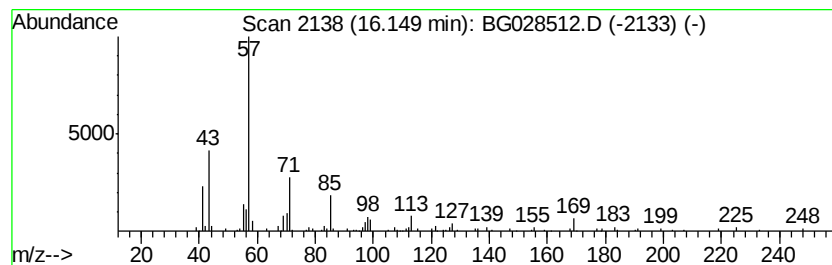
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	5.41 ng/ul	129753	Acenaphthene-d10	14.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-			184	C13H28	017312-81-1	80
2	Undecane, 3,6-dimethyl-			184	C13H28	017301-28-9	72
3	Decane, 2,5,9-trimethyl-			184	C13H28	062108-22-9	64
4	Decane, 2,6,8-trimethyl-			184	C13H28	062108-26-3	64
5	Undecane, 2,6-dimethyl-			184	C13H28	017301-23-4	53



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Misc :
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Instrument :
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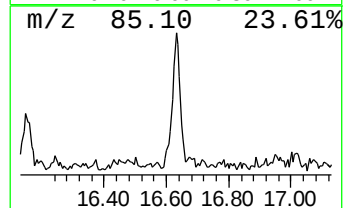
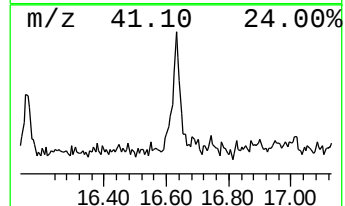
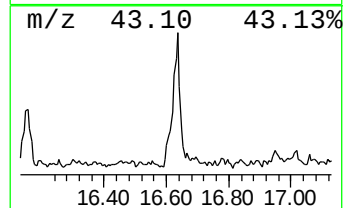
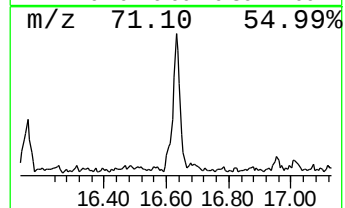
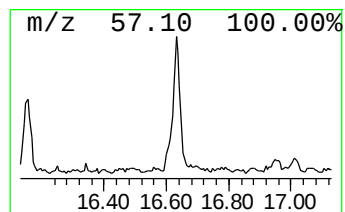
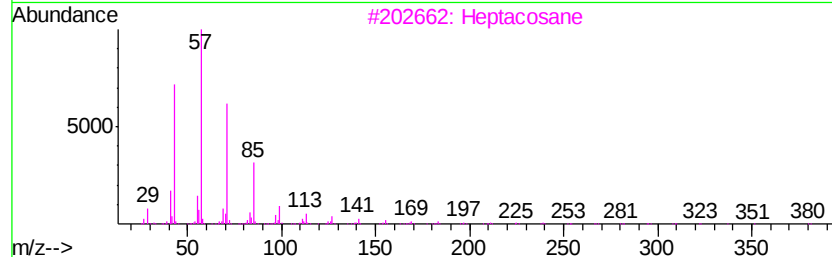
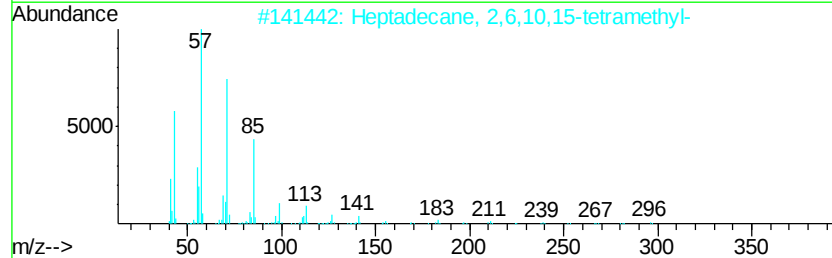
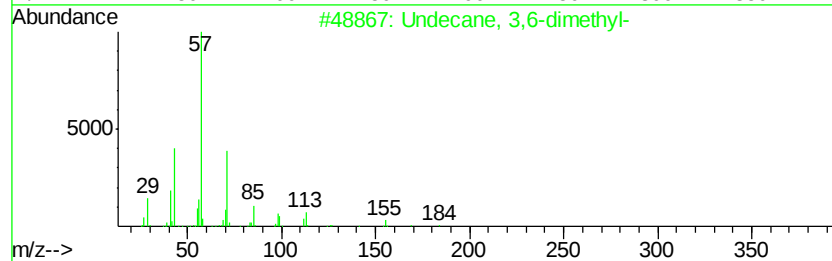
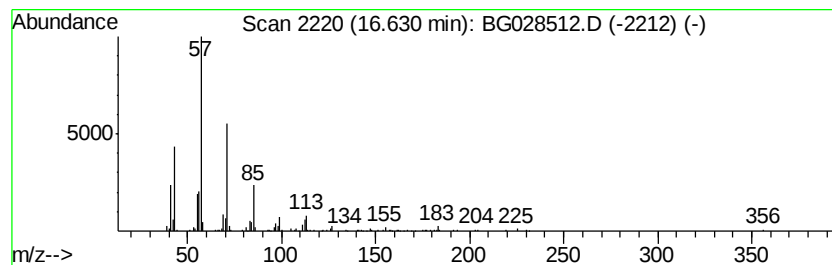
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	7.77 ng/ul	236877	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3		Heptacosane	380	C27H56	000593-49-7	74
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082512.D
Acq On : 26 Aug 2017 4:56
Operator : SJ/JU
Sample : I4885-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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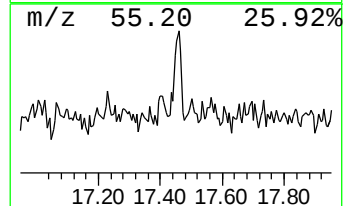
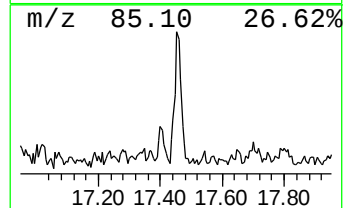
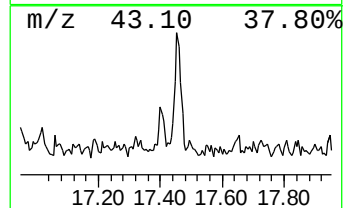
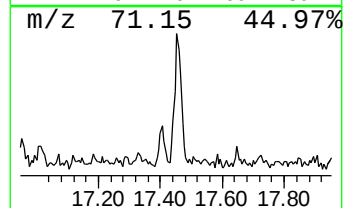
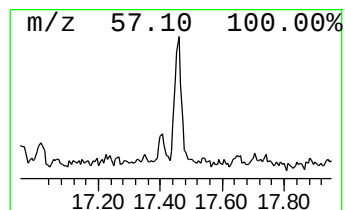
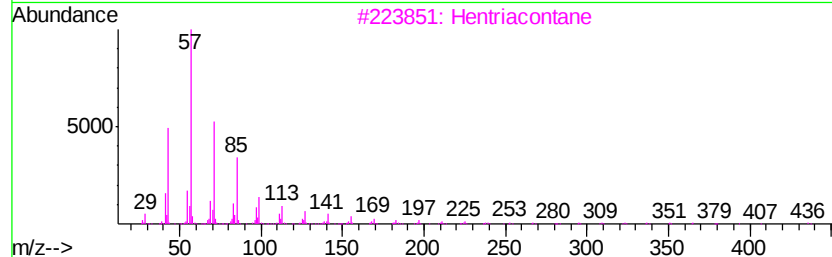
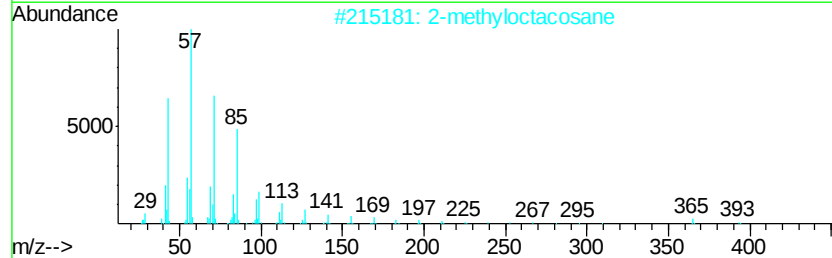
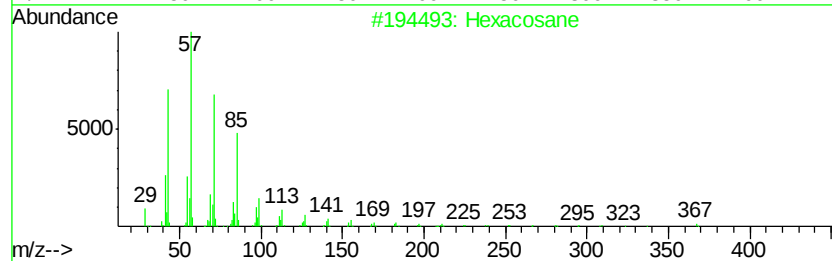
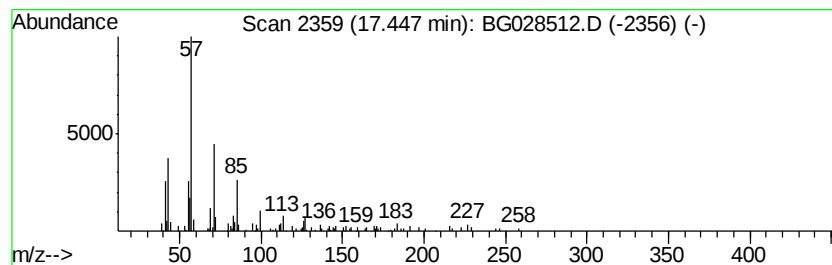
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	3.82 ng/ul	116537	Phenanthrene-d10	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082512.D
Acq On : 26 Aug 2017 4:56
Operator : SJ/JU
Sample : I4885-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AW6

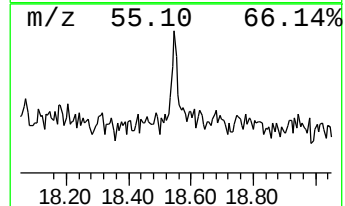
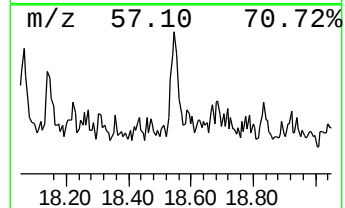
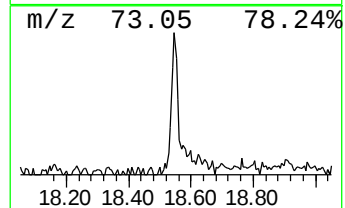
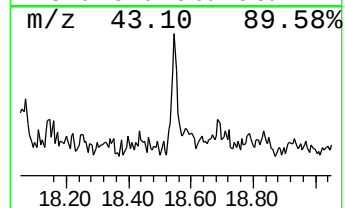
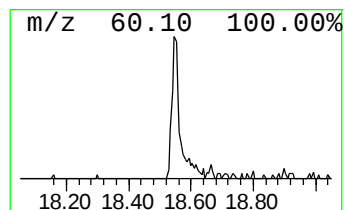
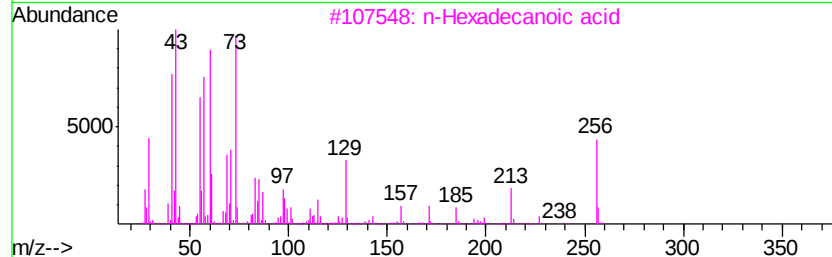
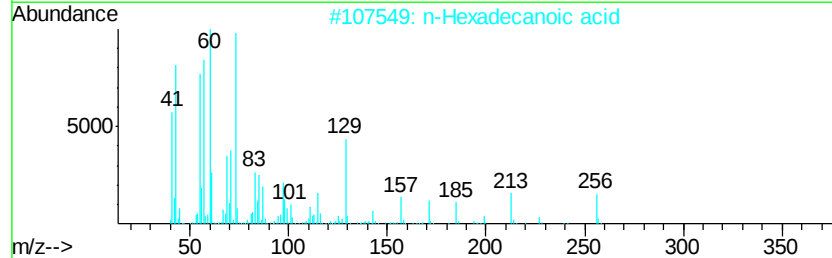
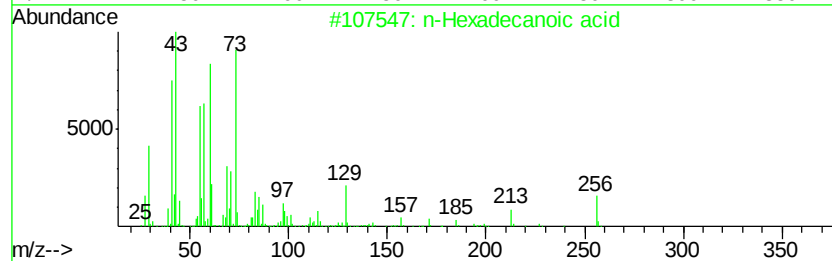
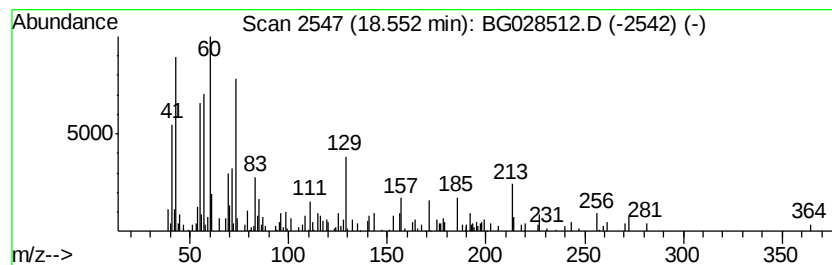
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.69 ng/ul	112410	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG082512.D
Acq On : 26 Aug 2017 4:56
Operator : SJ/JU
Sample : I4885-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AW6

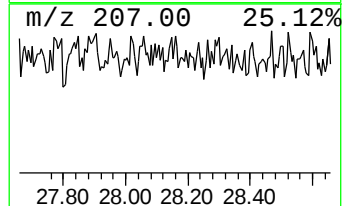
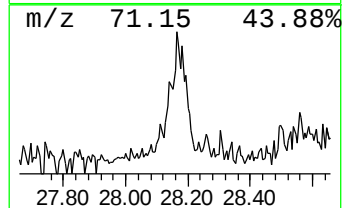
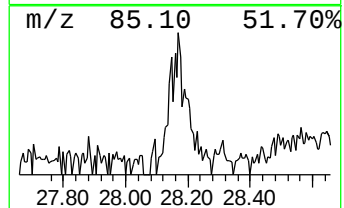
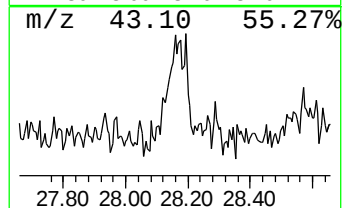
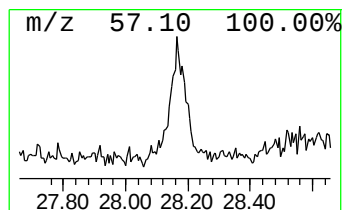
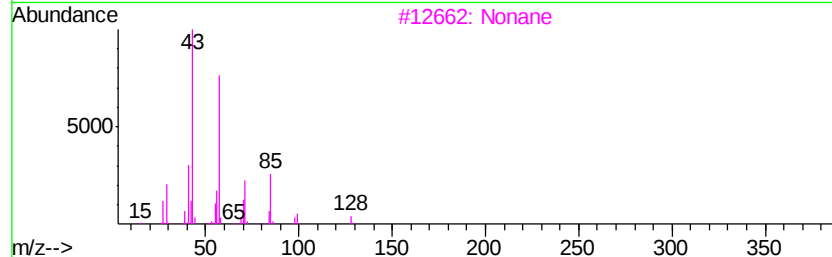
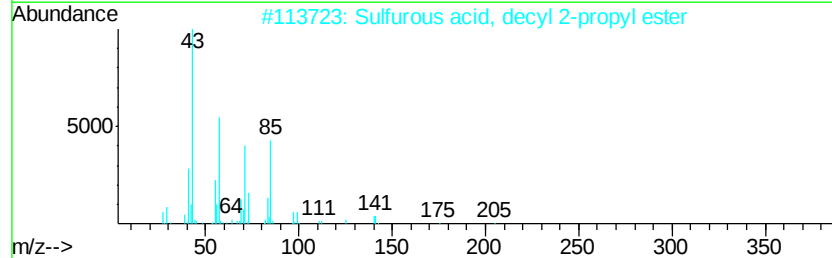
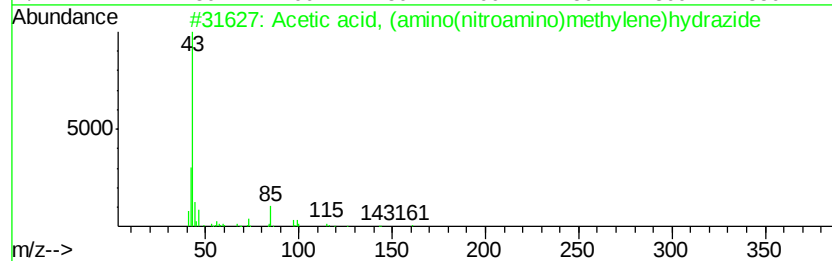
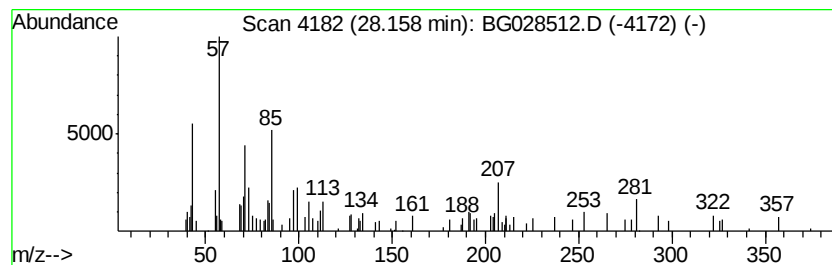
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.07 ng/ul	79105	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, (amino(nitroamino)m...	161	C3H7N5O3	042216-29-5	45
2		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	43
3		Nonane	128	C9H20	000111-84-2	38
4		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	38
5		1-Iodoundecane	282	C11H23I	004282-44-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028512.D
Acq On : 26 Aug 2017 4:56
Operator : SJ/JU
Sample : I4885-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AW6

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
Sulfurous acid, b...	15.75	2.3	ng/ul	54999	3	14.94	479862	20.0
(DEL) Alkane: Str...	16.15	5.4	ng/ul	129753	3	14.94	479862	20.0
(DEL) Alkane: Str...	16.63	7.8	ng/ul	236877	4	17.70	610064	20.0
(DEL) Alkane: Str...	17.45	3.8	ng/ul	116537	4	17.70	610064	20.0
n-Hexadecanoic acid	18.55	3.7	ng/ul	112410	4	17.70	610064	20.0
unknown-01	28.16	2.1	ng/ul	79105	6	25.54	764692	20.0