

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026833.D
 Acq On : 2 May 2017 8:18
 Operator : SJ/MA
 Sample : I2867-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHTB1

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-BG042717.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	3.426	53	57	63	rBV2	39033	63364	1.28%	0.103%
2	7.186	690	697	715	rVB	770847	1464796	29.52%	2.386%
3	7.333	715	722	733	rVB	686812	1135812	22.89%	1.850%
4	7.544	752	758	773	rBV	828254	1449032	29.20%	2.360%
5	8.008	830	837	849	rVB	603366	1019626	20.55%	1.661%
6	8.725	952	959	977	rBV	1010313	1925915	38.81%	3.137%
7	9.166	1027	1034	1044	rBV	820919	1455941	29.34%	2.371%
8	9.583	1102	1105	1110	rVB3	16359	25375	0.51%	0.041%
9	9.889	1149	1157	1176	rVB	688073	1235983	24.90%	2.013%
10	10.441	1244	1251	1269	rBV	1032133	1935402	39.00%	3.152%
11	10.811	1305	1314	1327	rVB	1013978	1817539	36.62%	2.960%
12	10.940	1329	1336	1364	rVB	988830	1911150	38.51%	3.113%
13	12.280	1558	1564	1566	rBV4	6457	9248	0.19%	0.015%
14	12.392	1578	1583	1594	rVB2	20501	37508	0.76%	0.061%
15	12.615	1615	1621	1624	rBV5	4102	8618	0.17%	0.014%
16	13.079	1692	1700	1704	rBV7	4664	13481	0.27%	0.022%
17	13.232	1719	1726	1735	rVB8	7902	18865	0.38%	0.031%
18	13.449	1756	1763	1766	rBV5	8556	13211	0.27%	0.022%
19	13.514	1769	1774	1780	rVV8	5075	8370	0.17%	0.014%
20	13.590	1780	1787	1793	rVB10	7323	19378	0.39%	0.032%
21	13.919	1821	1843	1846	rBV4	17098	85458	1.72%	0.139%
22	13.954	1847	1849	1854	rVV6	14535	31876	0.64%	0.052%
23	14.025	1854	1861	1865	rVV	1972100	2898283	58.40%	4.721%
24	14.066	1865	1868	1877	rVV	379724	554601	11.17%	0.903%
25	14.142	1877	1881	1884	rVB6	5743	10028	0.20%	0.016%
26	14.319	1900	1911	1928	rBV	2404444	3894073	78.46%	6.343%
27	14.507	1938	1943	1948	rVB	38911	48790	0.98%	0.079%
28	14.618	1952	1962	1974	rBV2	1501811	2487681	50.13%	4.052%
29	14.730	1976	1981	1985	rVB5	5639	9805	0.20%	0.016%
30	14.842	1992	2000	2016	rBV	451330	1102870	22.22%	1.796%
31	15.065	2036	2038	2042	rVB4	9433	9288	0.19%	0.015%
32	15.141	2044	2051	2057	rBV3	29144	68266	1.38%	0.111%
33	15.188	2057	2059	2066	rVB7	11629	16531	0.33%	0.027%
34	15.406	2091	2096	2100	rBV3	18617	33389	0.67%	0.054%

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35	15.453	2100	2104	2110	rVV	84856	110140	2.22%	0.179%
36	15.517	2110	2115	2118	rVB7	6203	11107	0.22%	0.018%
37	15.611	2121	2131	2141	rBV	2988123	4470949	90.09%	7.282%
38	15.729	2142	2151	2165	rVV	742946	1143732	23.05%	1.863%
39	15.846	2165	2171	2178	rVV3	60387	122602	2.47%	0.200%
40	15.905	2178	2181	2185	rVB5	8465	10982	0.22%	0.018%
41	15.958	2185	2190	2195	rBV4	14675	18391	0.37%	0.030%
42	16.011	2195	2199	2204	rBV3	14747	19768	0.40%	0.032%
43	16.075	2206	2210	2214	rBV3	16276	21819	0.44%	0.036%
44	16.310	2246	2250	2260	rBV	99602	171499	3.46%	0.279%
45	16.381	2261	2262	2269	rVB7	6427	9678	0.20%	0.016%
46	16.569	2285	2294	2302	rBV7	8298	22999	0.46%	0.037%
47	16.657	2302	2309	2312	rBV4	18302	33200	0.67%	0.054%
48	16.757	2321	2326	2334	rVB9	16263	36112	0.73%	0.059%
49	16.822	2334	2337	2342	rBV5	11263	13824	0.28%	0.023%
50	16.892	2344	2349	2351	rVB5	8143	10973	0.22%	0.018%
51	17.057	2370	2377	2381	rVV	308622	426226	8.59%	0.694%
52	17.104	2381	2385	2389	rVV	74488	102707	2.07%	0.167%
53	17.157	2389	2394	2404	rVV4	28282	56940	1.15%	0.093%
54	17.256	2404	2411	2419	rVV4	11262	20429	0.41%	0.033%
55	17.356	2419	2428	2438	rVV2	1687643	2558719	51.56%	4.168%
56	17.456	2438	2445	2462	rVV	2976905	4476320	90.20%	7.291%
57	17.574	2462	2465	2470	rVV6	6636	8489	0.17%	0.014%
58	17.627	2470	2474	2481	rVB6	11885	19704	0.40%	0.032%
59	17.744	2492	2494	2501	rVB8	7380	10618	0.21%	0.017%
60	17.838	2505	2510	2515	rBV2	32025	43113	0.87%	0.070%
61	18.038	2542	2544	2547	rBV4	6666	8597	0.17%	0.014%
62	18.120	2553	2558	2566	rBV4	54312	99603	2.01%	0.162%
63	18.179	2566	2568	2572	rVB4	8109	8636	0.17%	0.014%
64	18.238	2572	2578	2587	rBV2	376839	592469	11.94%	0.965%
65	18.531	2623	2628	2632	rBV7	9746	16010	0.32%	0.026%
66	18.590	2634	2638	2644	rBV8	7734	15738	0.32%	0.026%
67	18.655	2646	2649	2654	rVB5	20305	20389	0.41%	0.033%
68	18.849	2680	2682	2687	rBV6	7832	12592	0.25%	0.021%
69	18.896	2688	2690	2695	rVB6	6532	9381	0.19%	0.015%
70	19.090	2719	2723	2724	rBV4	6576	8811	0.18%	0.014%
71	19.154	2729	2734	2740	rBV	32746	43298	0.87%	0.071%

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72	19.319	2755	2762	2765	rBV9	9254	22604	0.46%	0.037%
73	19.377	2765	2772	2788	rVV3	58309	191042	3.85%	0.311%
74	19.501	2788	2793	2807	rBV	144349	263984	5.32%	0.430%
75	19.642	2810	2817	2823	rVB4	36177	88515	1.78%	0.144%
76	19.736	2825	2833	2843	rBV	3285399	4743299	95.58%	7.726%
77	20.035	2883	2884	2891	rVB7	6882	12422	0.25%	0.020%
78	20.253	2918	2921	2925	rVB6	13754	16813	0.34%	0.027%
79	20.476	2956	2959	2963	rVB5	13770	18893	0.38%	0.031%
80	20.506	2963	2964	2968	rBV4	7683	8358	0.17%	0.014%
81	20.588	2970	2978	2979	rBV7	12968	27361	0.55%	0.045%
82	20.635	2984	2986	2989	rVB4	9954	10790	0.22%	0.018%
83	20.682	2989	2994	2998	rBV5	36254	51748	1.04%	0.084%
84	20.741	3001	3004	3007	rVB5	16723	20536	0.41%	0.033%
85	20.858	3022	3024	3029	rVB6	9572	11227	0.23%	0.018%
86	21.093	3058	3064	3072	rBV3	41569	111454	2.25%	0.182%
87	21.240	3086	3089	3096	rVB7	21809	29773	0.60%	0.048%
88	21.387	3105	3114	3116	rBV4	44645	116860	2.35%	0.190%
89	21.604	3140	3151	3165	rBV	1667805	2864361	57.72%	4.666%
90	22.374	3276	3282	3287	rBV3	69441	131914	2.66%	0.215%
91	23.044	3387	3396	3406	rVB2	81384	189536	3.82%	0.309%
92	23.825	3522	3529	3539	rVB2	128980	277830	5.60%	0.453%
93	24.554	3641	3653	3671	rBV2	1812515	4962883	100.00%	8.084%
94	24.765	3677	3689	3708	rVB	1088144	3180347	64.08%	5.180%
95	25.846	3864	3873	3887	rBV2	161162	478449	9.64%	0.779%
96	27.168	4087	4098	4110	rVB3	144122	514546	10.37%	0.838%
97	28.755	4356	4368	4384	rVB3	109015	432827	8.72%	0.705%
98	30.118	4594	4600	4602	rBV7	17907	33981	0.68%	0.055%
99	30.676	4683	4695	4709	rVB4	86534	418988	8.44%	0.682%
100	31.410	4805	4820	4837	rVB4	110270	556253	11.21%	0.906%

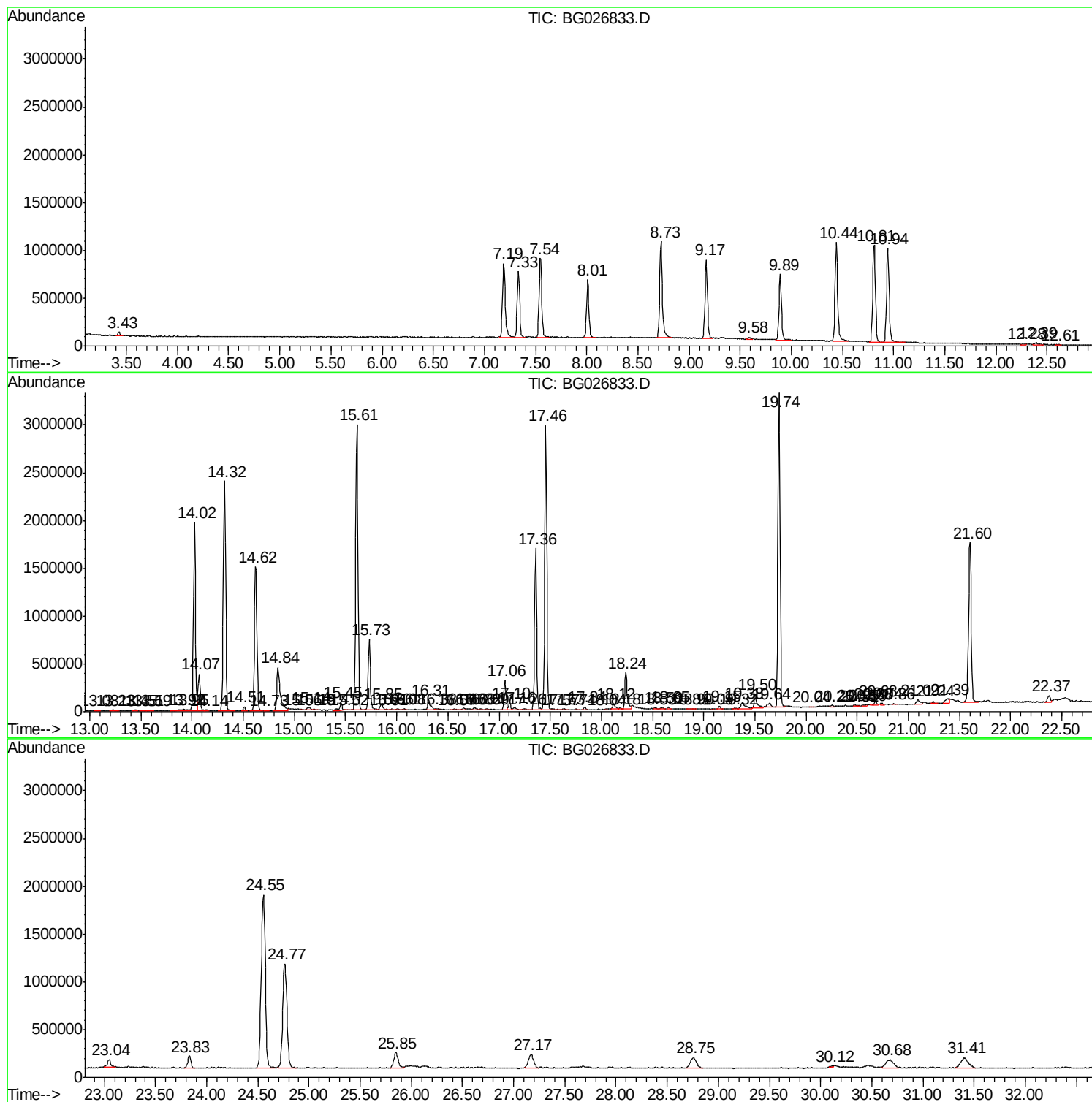
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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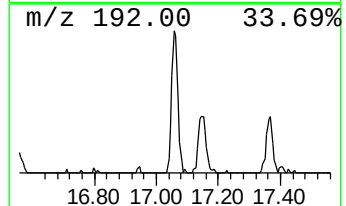
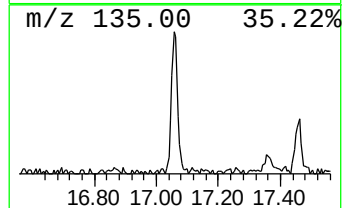
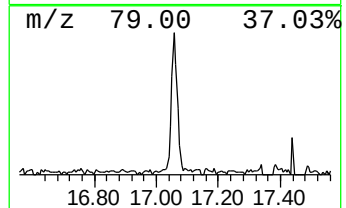
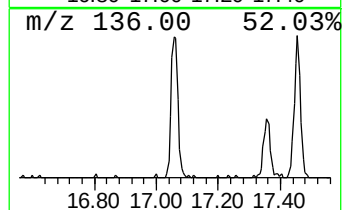
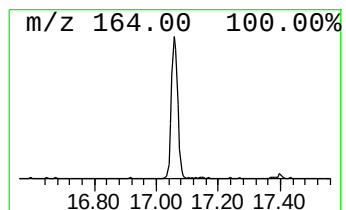
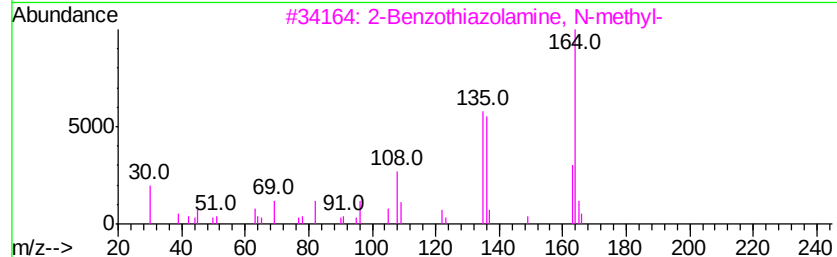
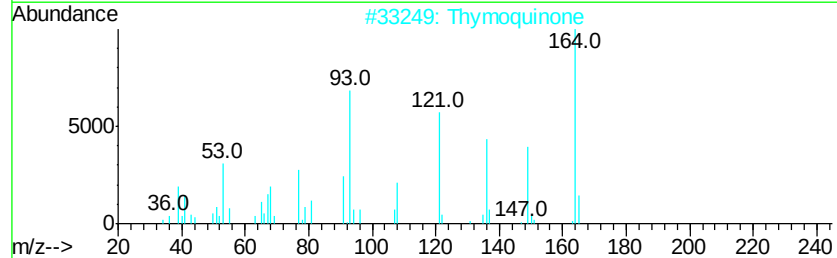
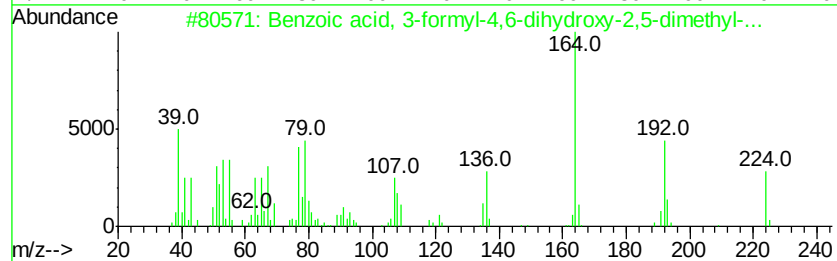
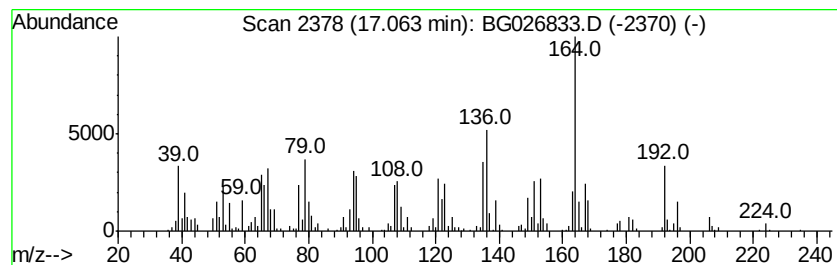
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	3.33 ng/ul	426226	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 3-formyl-4,6-dihyd...	224	C11H12O5	034874-76-5	30
2		Thymoquinone	164	C10H12O2	000490-91-5	25
3		2-Benzothiazolamine, N-methyl-	164	C8H8N2S	016954-69-1	22
4		4,7(1H,8H)-Pteridinedione	164	C6H4N4O2	033669-70-4	22
5		1-Thienylcyclohexene	164	C10H12S	076576-48-2	14



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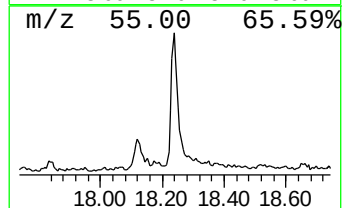
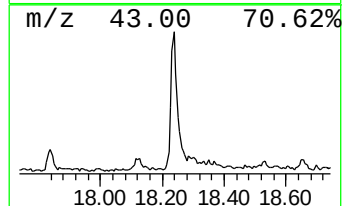
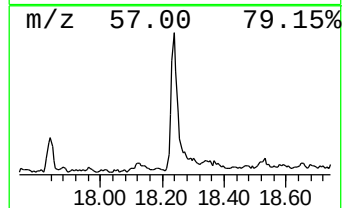
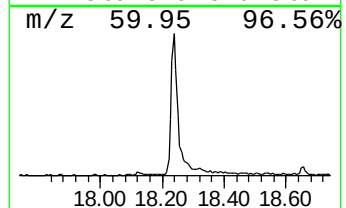
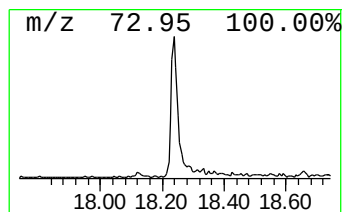
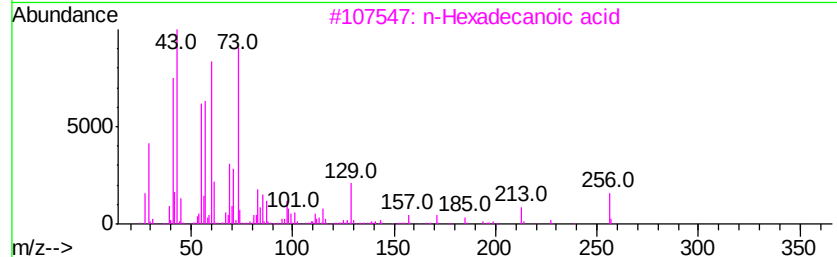
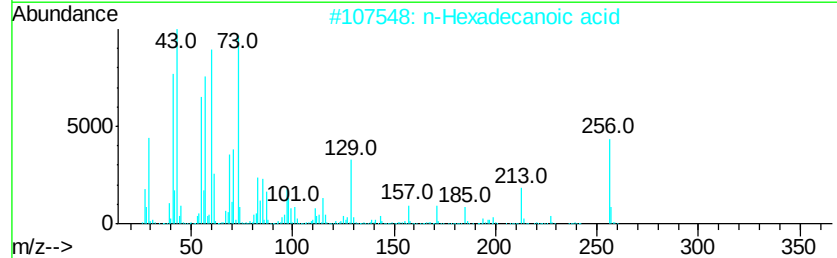
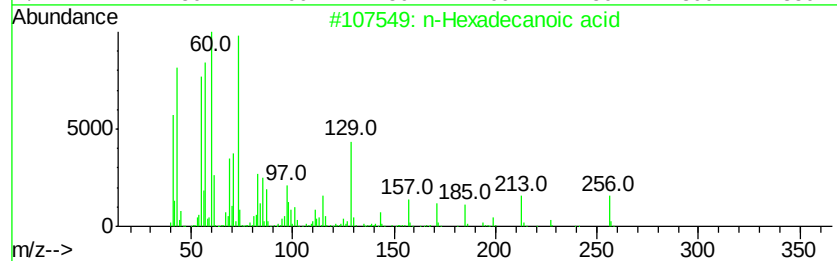
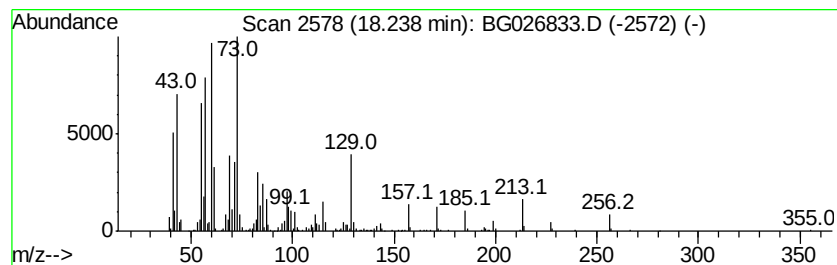
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.63 ng/ul	592469	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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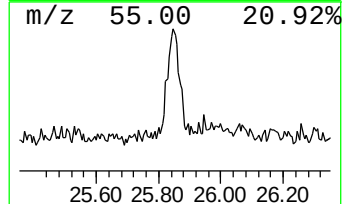
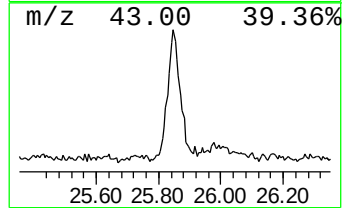
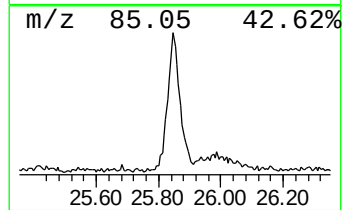
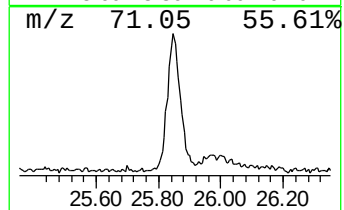
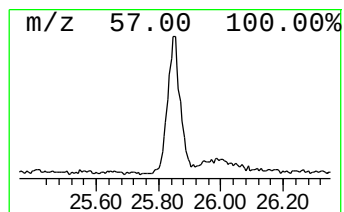
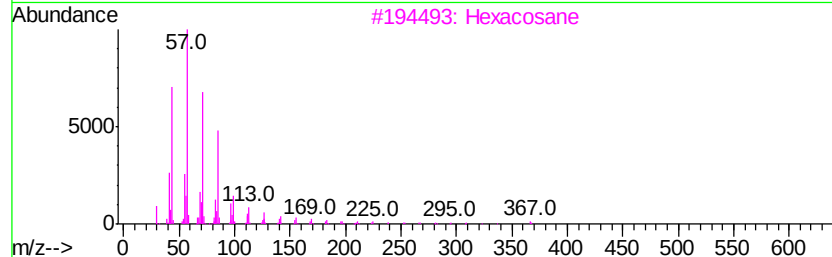
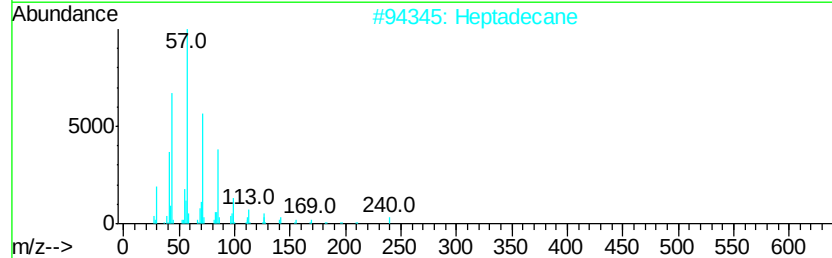
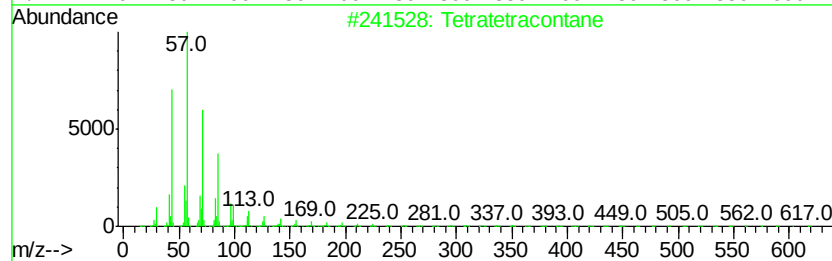
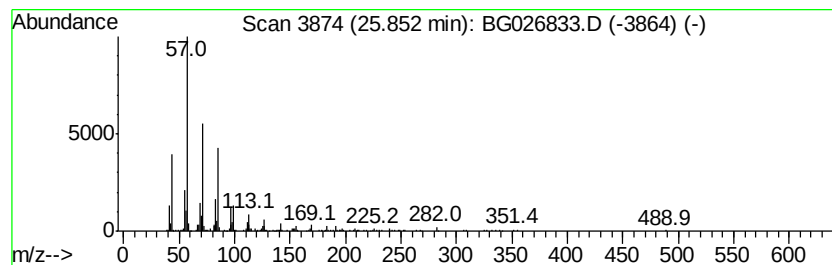
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	3.01 ng/ul	478449	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026833.D
Acq On : 2 May 2017 8:18
Operator : SJ/MA
Sample : I2867-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTB1

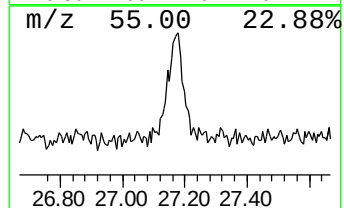
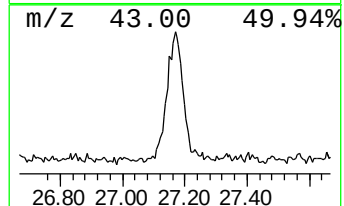
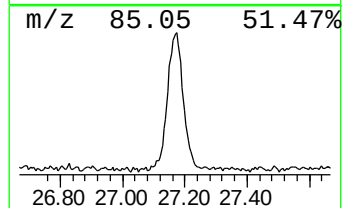
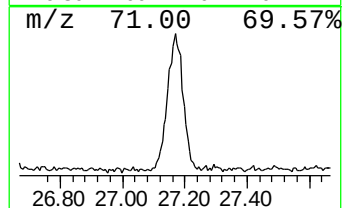
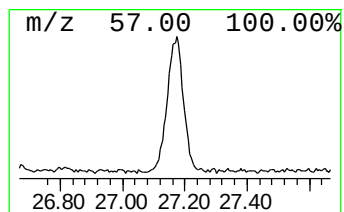
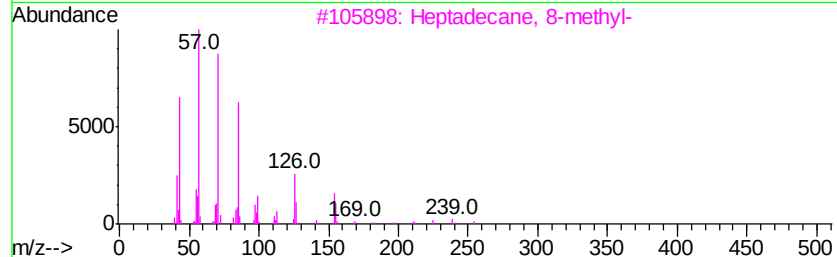
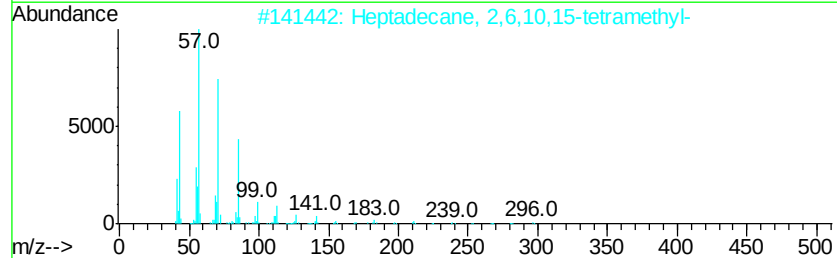
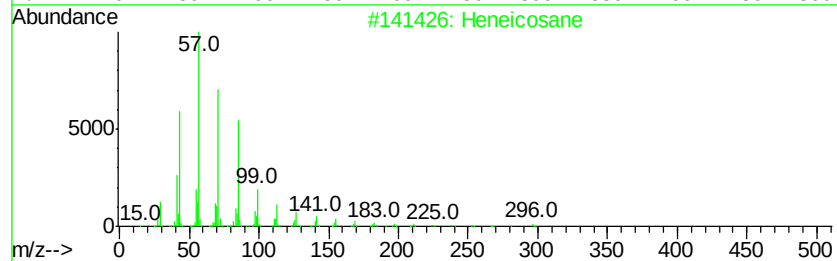
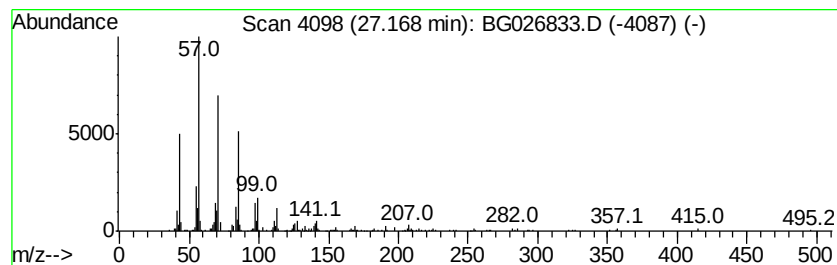
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	3.24 ng/ul	514546	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026833.D
Acq On : 2 May 2017 8:18
Operator : SJ/MA
Sample : I2867-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTB1

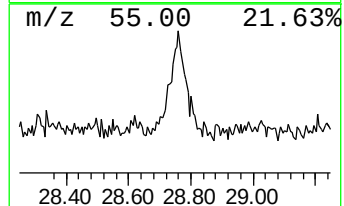
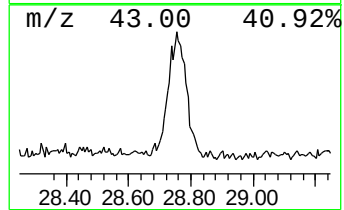
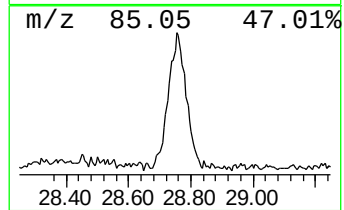
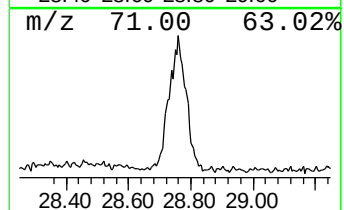
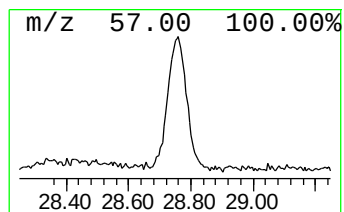
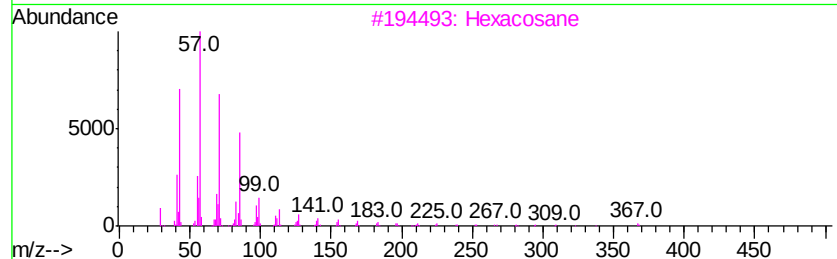
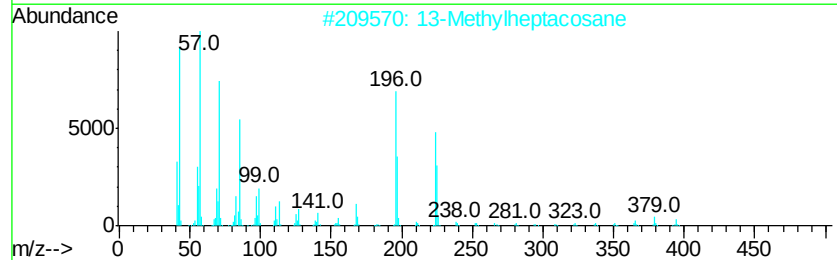
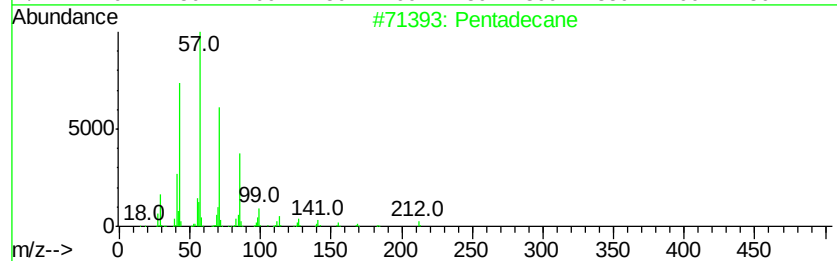
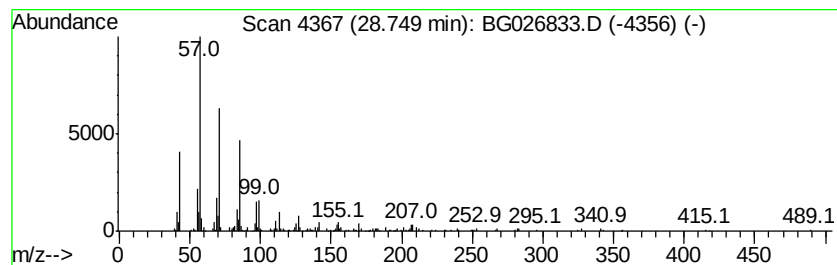
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.72 ng/ul	432827	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		13-Methylheptacosane	394	C28H58	015689-72-2	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026833.D
Acq On : 2 May 2017 8:18
Operator : SJ/MA
Sample : I2867-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTB1

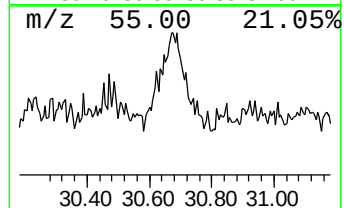
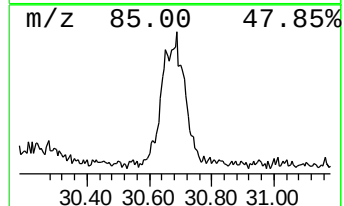
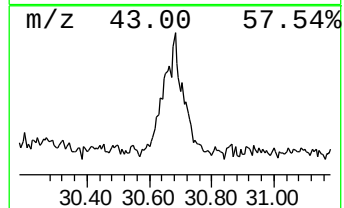
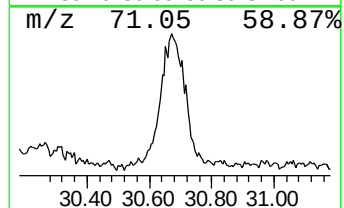
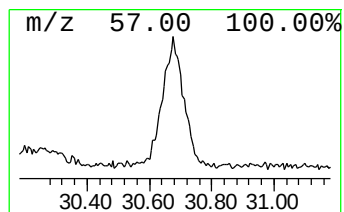
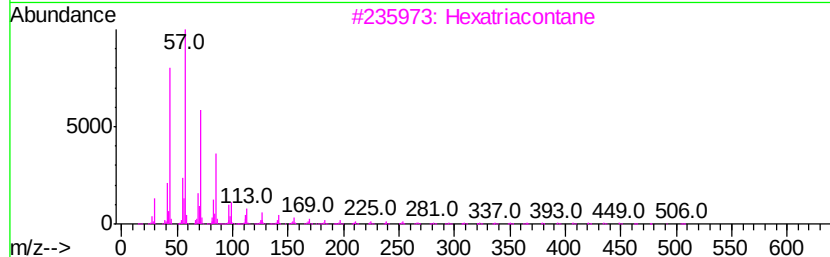
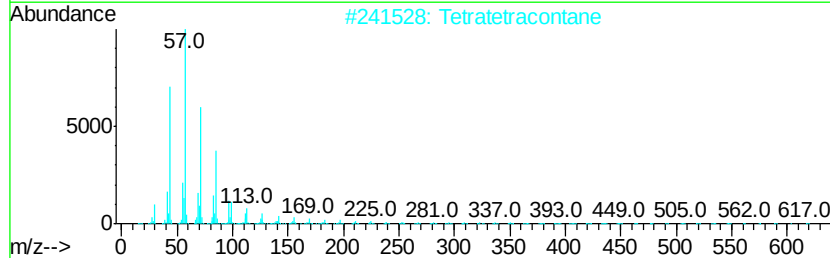
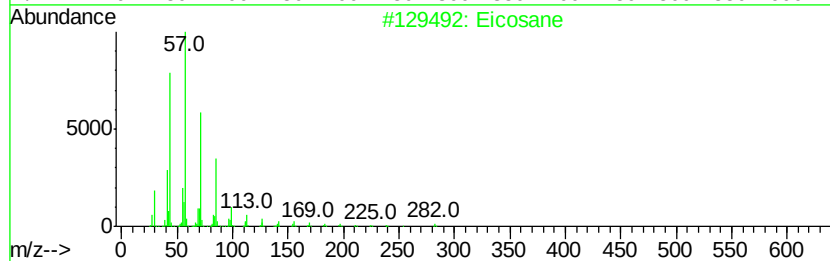
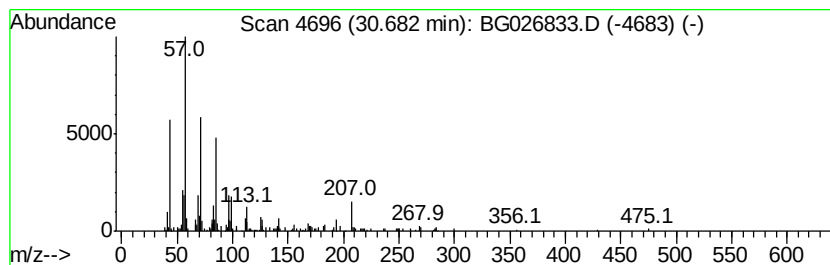
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.63 ng/ul	418988	Perylene-d12	24.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Hexatriacontane	507	C36H74	000630-06-8	86
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026833.D
Acq On : 2 May 2017 8:18
Operator : SJ/MA
Sample : I2867-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTB1

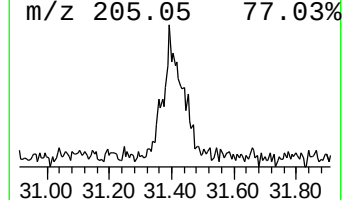
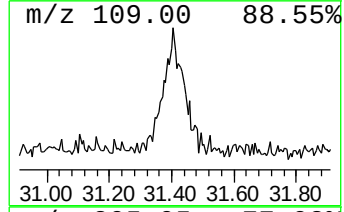
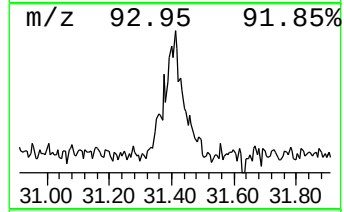
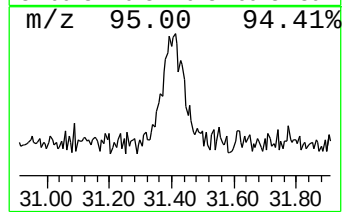
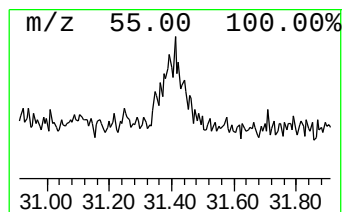
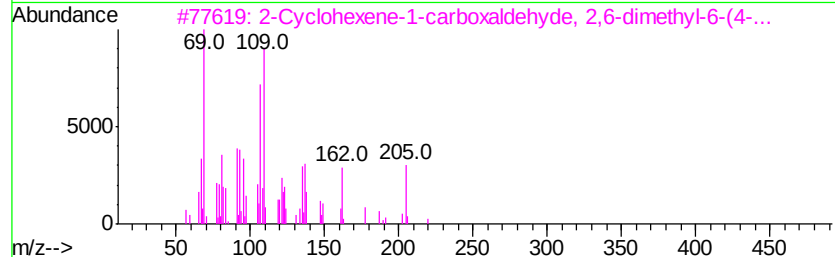
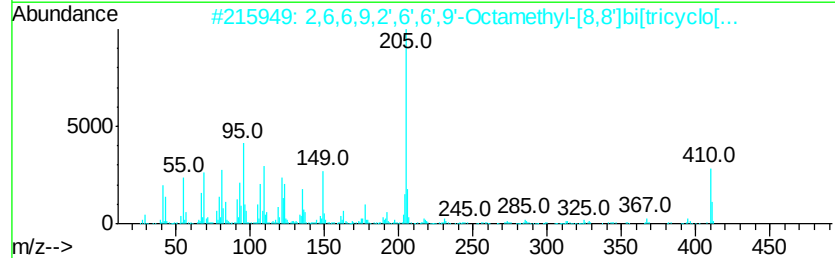
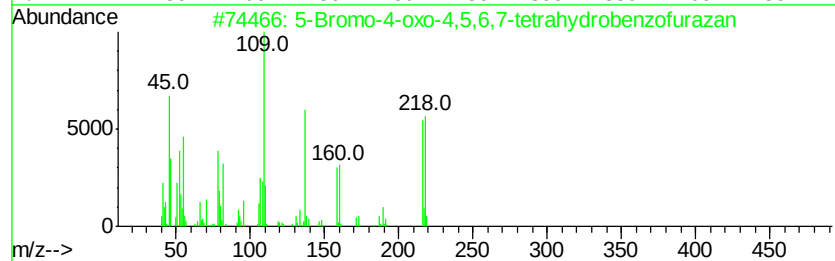
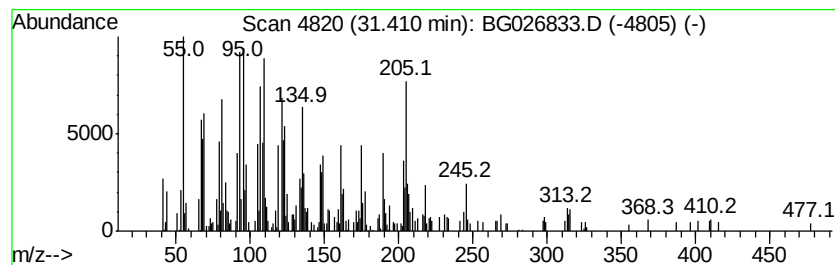
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.41	3.50 ng/ul	556253	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	30
3		2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	22
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	20
5		.alpha.-Bulnesene	204	C15H24	1000374-19-9	20



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
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Acq On : 2 May 2017 8:18
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Sample : I2867-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHTB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
unknown-01	17.06	3.3	ng/ul	426226	4	17.36	2558720	20.0
n-Hexadecanoic acid	18.24	4.6	ng/ul	592469	4	17.36	2558720	20.0
(DEL) Alkane: Str...	25.85	3.0	ng/ul	478449	6	24.77	3180350	20.0
(DEL) Alkane: Str...	27.17	3.2	ng/ul	514546	6	24.77	3180350	20.0
(DEL) Alkane: Str...	28.75	2.7	ng/ul	432827	6	24.77	3180350	20.0
(DEL) Alkane: Str...	30.68	2.6	ng/ul	418988	6	24.77	3180350	20.0
5-Bromo-4-oxo-4,5...	31.41	3.5	ng/ul	556253	6	24.77	3180350	20.0