

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026761.D
 Acq On : 29 Apr 2017 00:15
 Operator : SJ/MA
 Sample : I2816-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT72

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	3.428	53	58	66	rVB	25320	45760	0.30%	0.071%
2	4.186	179	187	196	rVB2	15263	31311	0.20%	0.049%
3	7.188	688	698	715	rBV	496850	954689	6.23%	1.491%
4	7.329	715	722	734	rVV	437592	739641	4.83%	1.155%
5	7.547	751	759	774	rBV	549137	964893	6.29%	1.507%
6	8.011	830	838	850	rBV	457761	778813	5.08%	1.216%
7	8.728	952	960	968	rBV	711897	1320367	8.61%	2.062%
8	8.798	969	972	985	rVB5	42211	93587	0.61%	0.146%
9	9.168	1026	1035	1047	rBV	520474	936487	6.11%	1.462%
10	9.891	1147	1158	1177	rBV	450128	827678	5.40%	1.292%
11	10.443	1243	1252	1271	rBV	679611	1347846	8.79%	2.105%
12	10.808	1306	1314	1329	rVB	768462	1379142	9.00%	2.153%
13	10.943	1329	1337	1358	rBV	693512	1343023	8.76%	2.097%
14	12.024	1513	1521	1539	rBV	293687	558470	3.64%	0.872%
15	12.394	1578	1584	1593	rVV5	15341	33838	0.22%	0.053%
16	13.563	1779	1783	1793	rBV10	6062	17968	0.12%	0.028%
17	13.875	1826	1836	1843	rBV10	6981	27753	0.18%	0.043%
18	14.022	1853	1861	1866	rVV	1351152	1997111	13.03%	3.118%
19	14.069	1866	1869	1879	rVV	268815	387881	2.53%	0.606%
20	14.315	1900	1911	1919	rBV	1637746	2627654	17.14%	4.103%
21	14.509	1938	1944	1949	rVB2	24408	32282	0.21%	0.050%
22	14.621	1953	1963	1972	rBV2	1157203	1885952	12.30%	2.945%
23	14.844	1993	2001	2017	rBV	319121	747643	4.88%	1.167%
24	15.126	2044	2049	2055	rBV9	15197	27298	0.18%	0.043%
25	15.408	2092	2097	2100	rBV	14454	20331	0.13%	0.032%
26	15.455	2100	2105	2110	rVB2	56904	74101	0.48%	0.116%
27	15.608	2124	2131	2141	rBV	2110890	3195257	20.84%	4.989%
28	15.731	2144	2152	2165	rBV	513358	784741	5.12%	1.225%
29	15.849	2165	2172	2179	rVV3	50476	107241	0.70%	0.167%
30	15.949	2185	2189	2195	rVB9	10373	18320	0.12%	0.029%
31	16.013	2195	2200	2207	rBV9	9077	18091	0.12%	0.028%
32	16.078	2207	2211	2215	rVB6	12250	16332	0.11%	0.026%
33	16.313	2244	2251	2262	rBV	142496	249990	1.63%	0.390%
34	16.666	2304	2311	2312	rBV7	10140	20647	0.13%	0.032%

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35	16.759	2323	2327	2332	rVB8	9536	16535	0.11%	0.026%
36	16.812	2332	2336	2338	rBV5	13131	21030	0.14%	0.033%
37	17.100	2380	2385	2389	rBV	34739	43689	0.29%	0.068%
38	17.153	2389	2394	2402	rVB3	30531	52846	0.34%	0.083%
39	17.353	2419	2428	2438	rBV	1310665	1997763	13.03%	3.119%
40	17.453	2438	2445	2453	rBV2	2091482	3169494	20.68%	4.949%
41	17.700	2482	2487	2490	rBV6	9437	21388	0.14%	0.033%
42	17.835	2507	2510	2519	rVB7	16693	29756	0.19%	0.046%
43	18.234	2572	2578	2588	rBV	237913	430642	2.81%	0.672%
44	18.363	2595	2600	2606	rVB8	39288	65327	0.43%	0.102%
45	18.640	2641	2647	2654	rVB2	184189	280030	1.83%	0.437%
46	18.822	2673	2678	2686	rBV	572282	740800	4.83%	1.157%
47	18.922	2688	2695	2698	rBV9	12218	27941	0.18%	0.044%
48	18.957	2698	2701	2711	rVB10	21038	44977	0.29%	0.070%
49	19.092	2719	2724	2729	rBV9	18981	32735	0.21%	0.051%
50	19.151	2732	2734	2739	rVB5	19712	21347	0.14%	0.033%
51	19.374	2766	2772	2779	rBV5	35897	91284	0.60%	0.143%
52	19.450	2781	2785	2790	rVB2	36000	48286	0.31%	0.075%
53	19.503	2790	2794	2797	rBV2	114346	160784	1.05%	0.251%
54	19.732	2824	2833	2841	rBV2	2230304	3310403	21.60%	5.169%
55	20.173	2903	2908	2913	rBV	892806	1136861	7.42%	1.775%
56	20.255	2918	2922	2926	rVB2	38887	53935	0.35%	0.084%
57	20.320	2930	2933	2938	rVB6	31700	35602	0.23%	0.056%
58	20.432	2949	2952	2957	rVB7	28858	45367	0.30%	0.071%
59	20.573	2974	2976	2983	rVB8	38364	43824	0.29%	0.068%
60	21.307	3093	3101	3114	rBV8	240124	956063	6.24%	1.493%
61	21.601	3144	3151	3168	rBV	1626575	2715277	17.71%	4.240%
62	21.736	3169	3174	3185	rVB	525245	791004	5.16%	1.235%
63	22.494	3294	3303	3327	rVB7	202264	1178111	7.69%	1.840%
64	22.852	3358	3364	3381	rBV	454418	1149103	7.50%	1.794%
65	23.005	3384	3390	3403	rVB2	269047	611625	3.99%	0.955%
66	23.828	3527	3530	3541	rVB7	70821	145039	0.95%	0.226%
67	24.544	3642	3652	3663	rBV2	1148135	3197839	20.86%	4.993%
68	24.762	3680	3689	3704	rVB2	842770	2435073	15.89%	3.802%
69	30.103	4534	4598	4601	rBV4	1422285	15328937	100.00%	23.935%

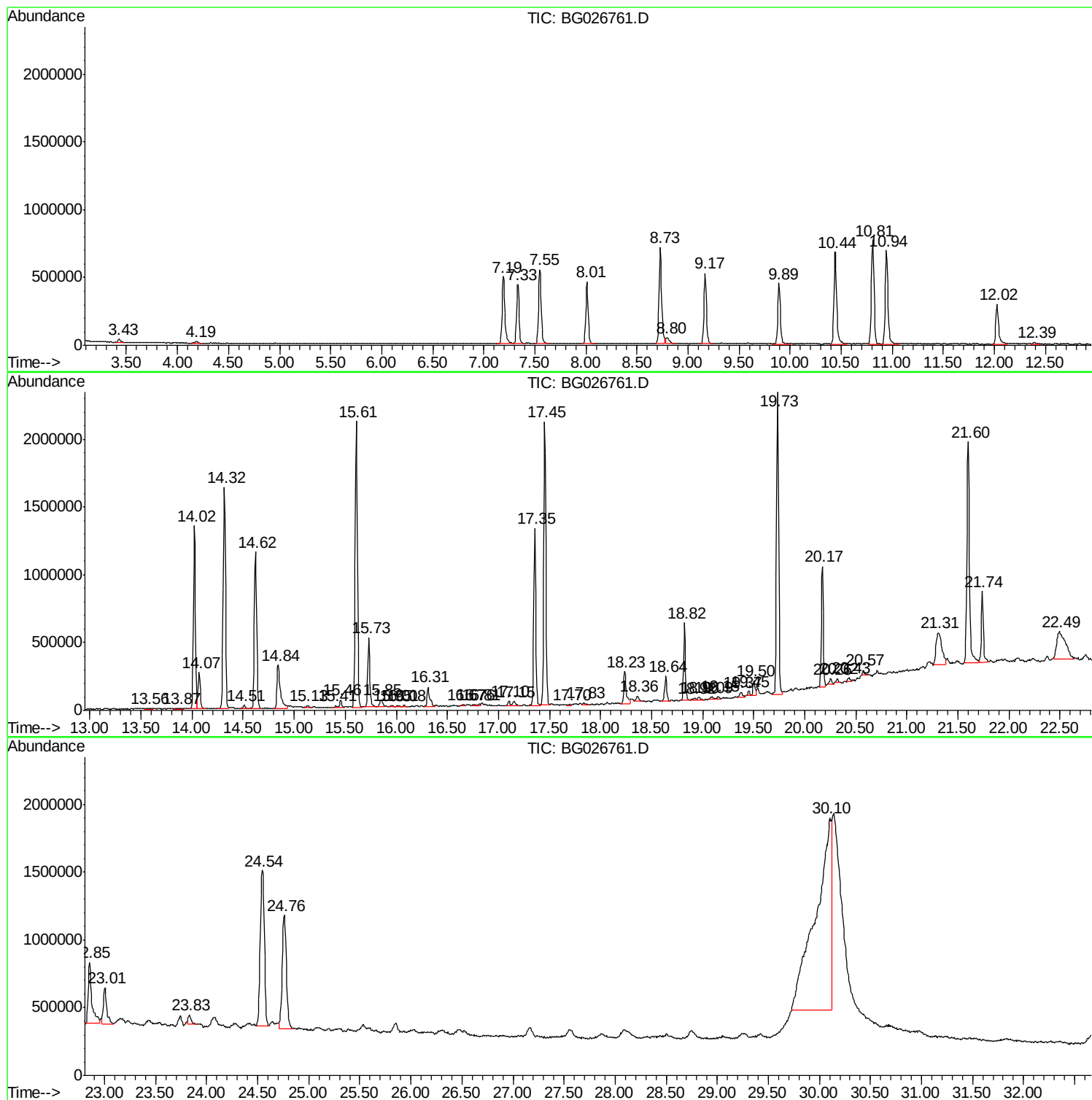
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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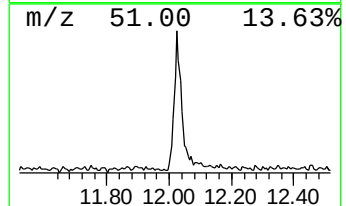
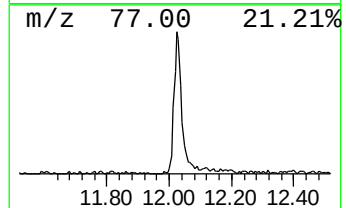
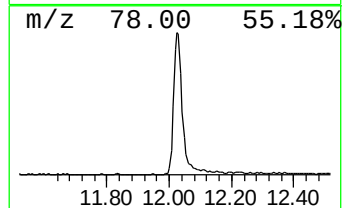
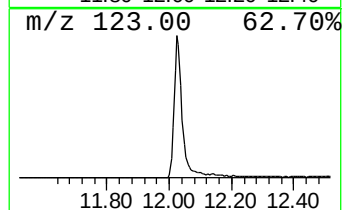
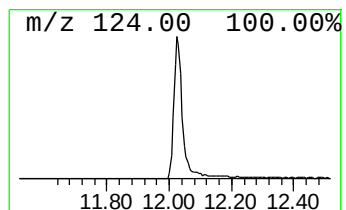
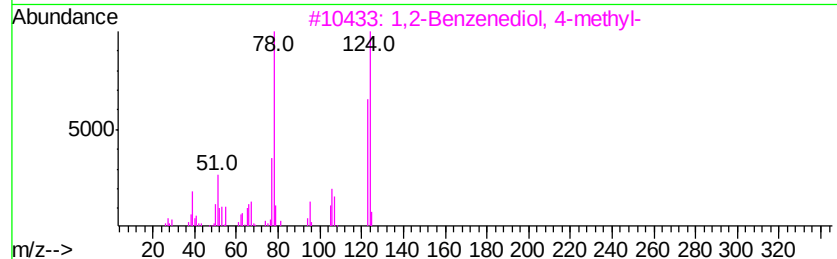
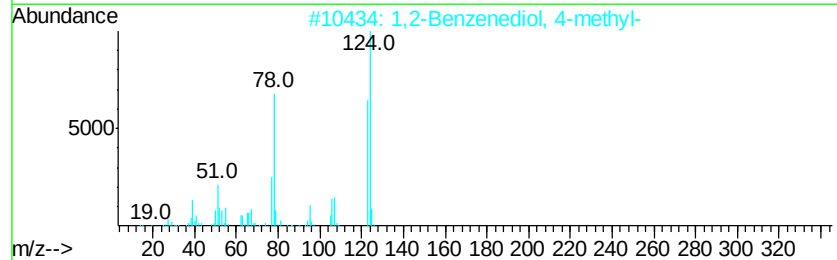
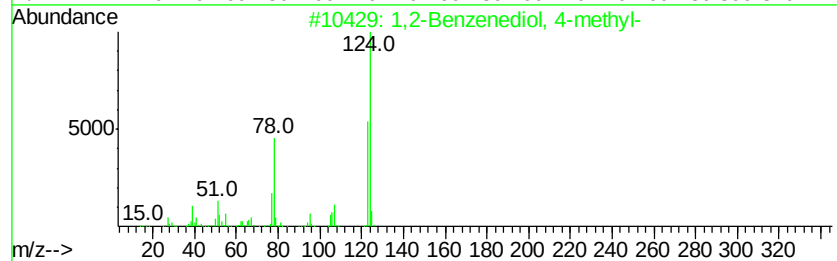
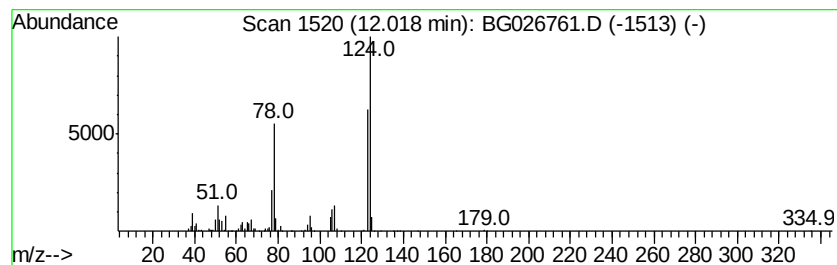
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,2-Benzenediol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.10 ng/ul	558470	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	96
2		1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	95
3		1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	91
4		1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	91
5		1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	90



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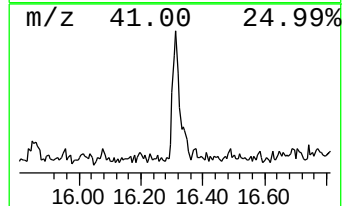
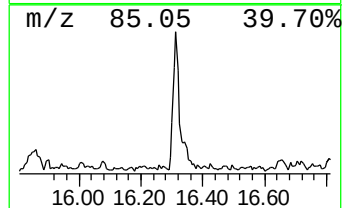
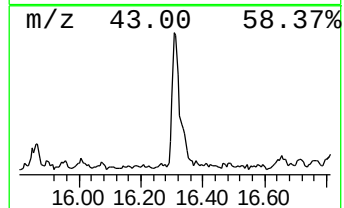
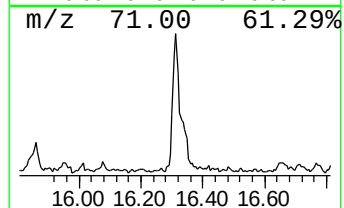
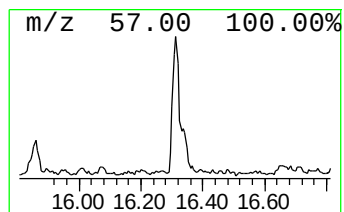
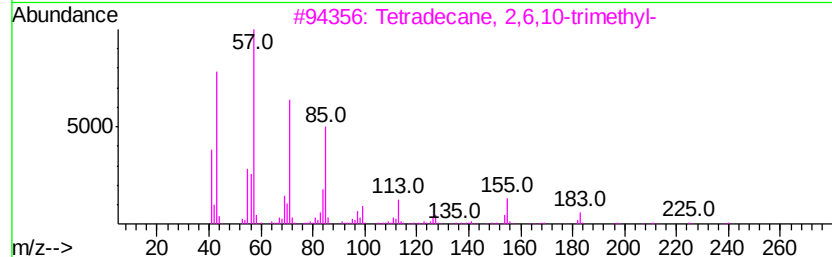
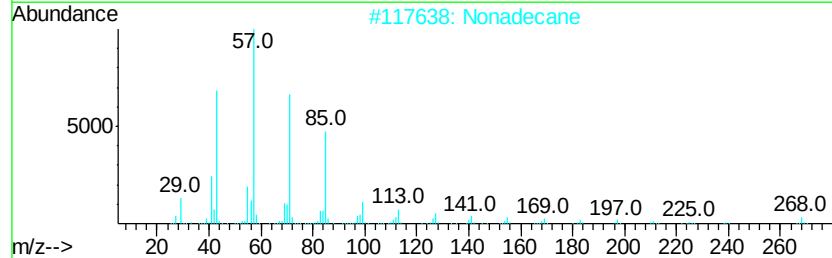
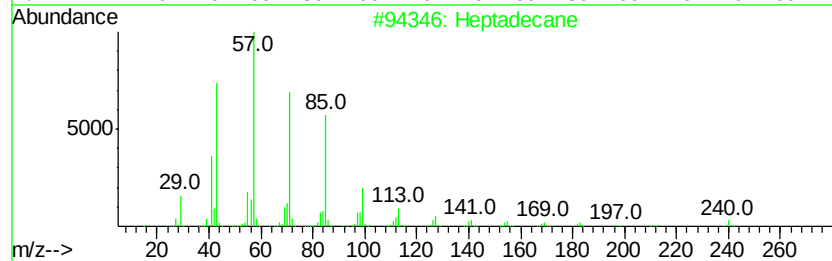
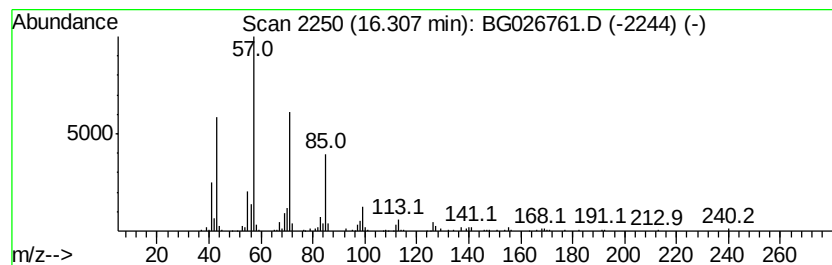
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.50 ng/ul	249990	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tridecane	184	C13H28	000629-50-5	86



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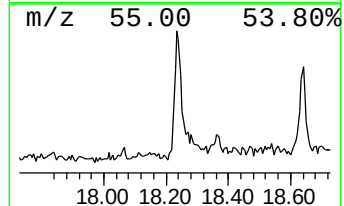
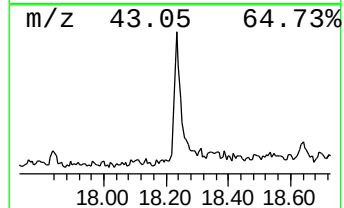
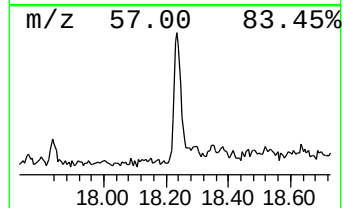
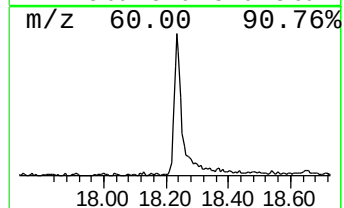
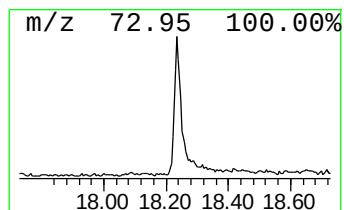
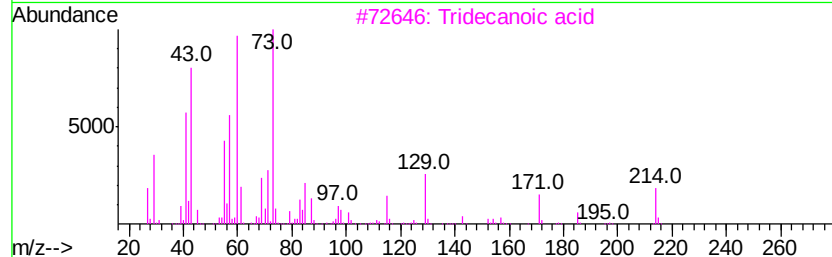
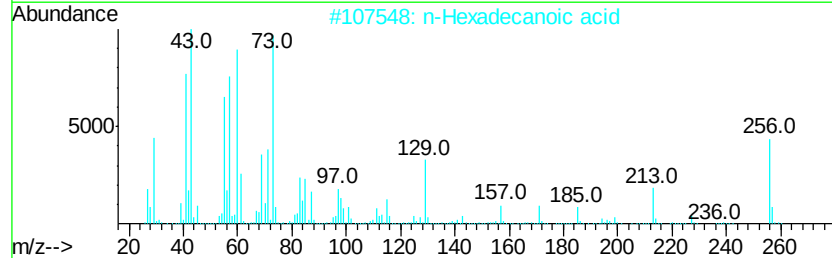
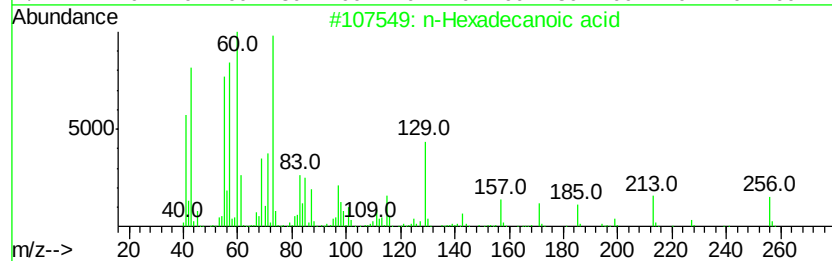
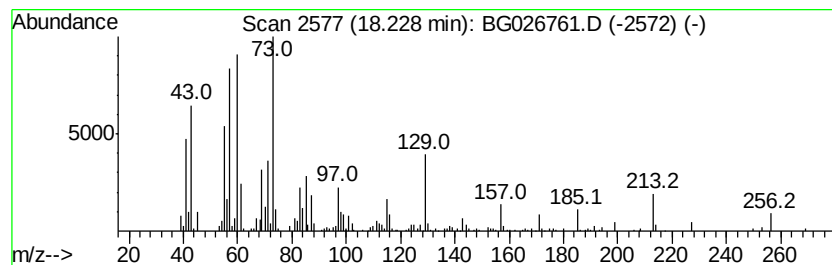
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	4.31 ng/ul	430642	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	



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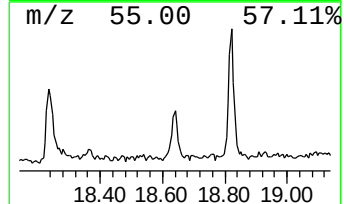
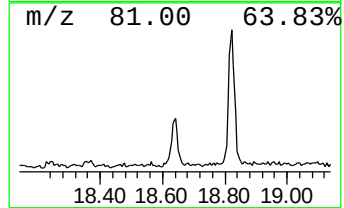
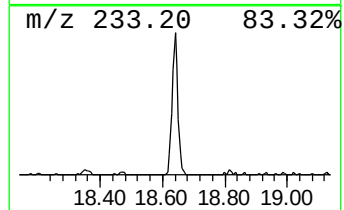
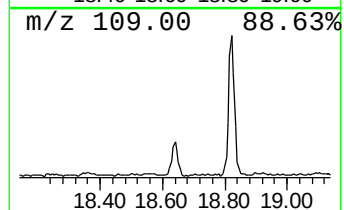
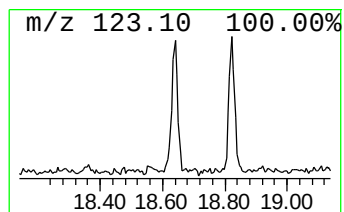
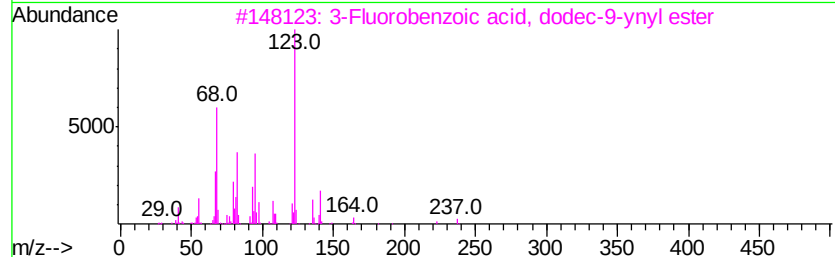
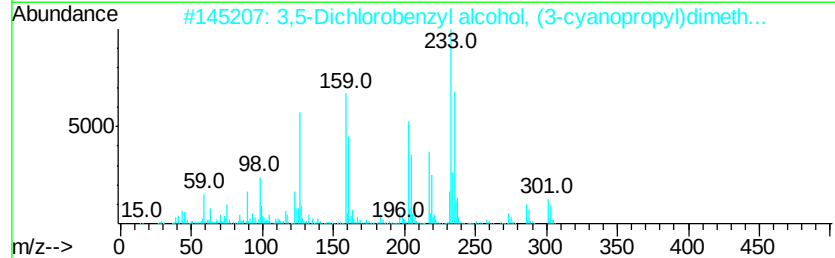
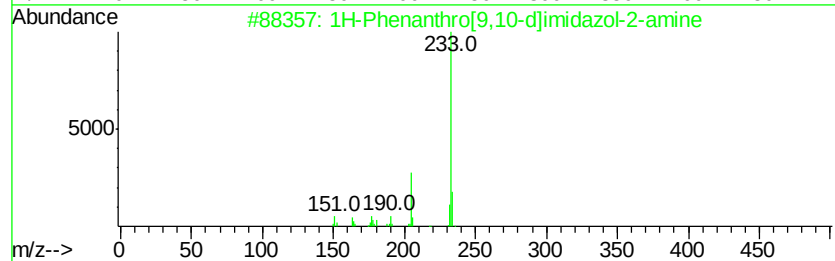
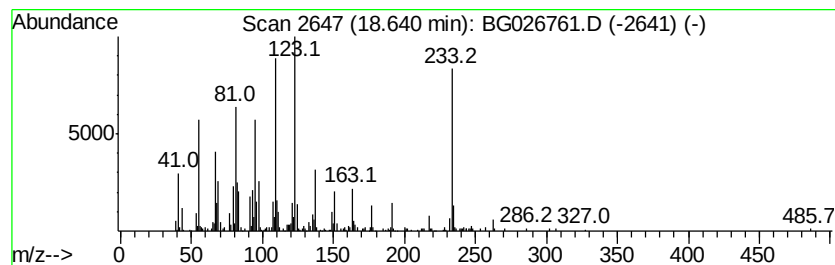
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Peak Number 4 1H-Phenanthro[9,10-d]imidaz... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.64	2.80 ng/ul	280030	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	90
2		3,5-Dichlorobenzyl alcohol, (3-c...	301	C13H17Cl2NOSi	1000376-10-3	25
3		3-Fluorobenzoic acid, dodec-9-vn...	304	C19H25F02	1000283-01-6	22
4		Methyl ethyl ketone, N-(3-methyl...	233	C12H15N3S	1000292-93-3	20
5		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	14



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ALS Vial : 19 Sample Multiplier: 1

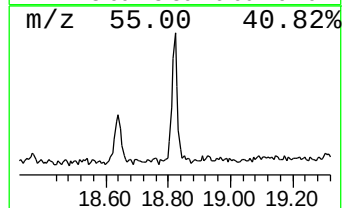
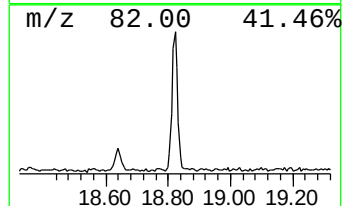
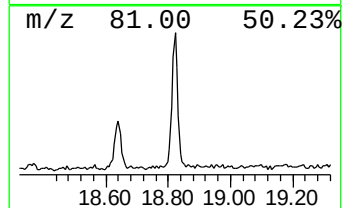
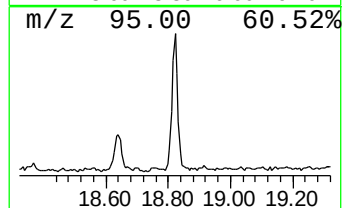
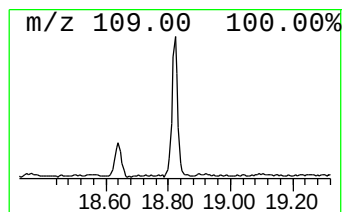
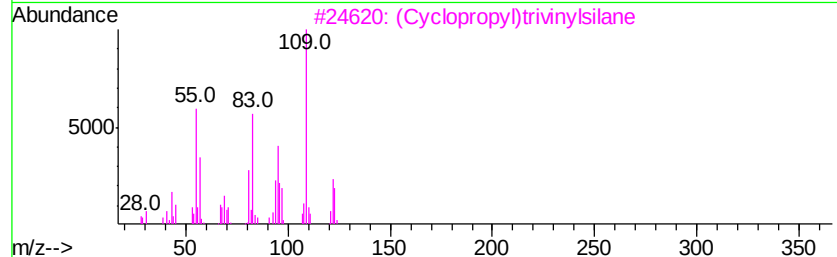
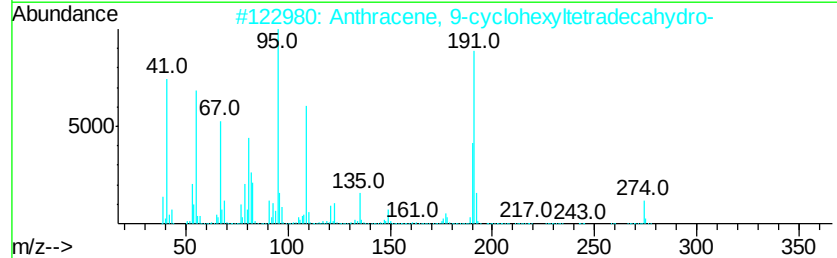
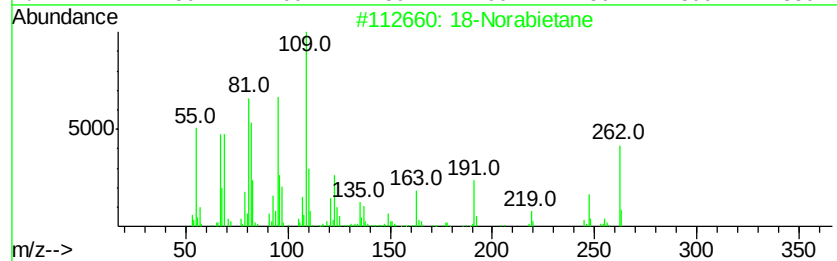
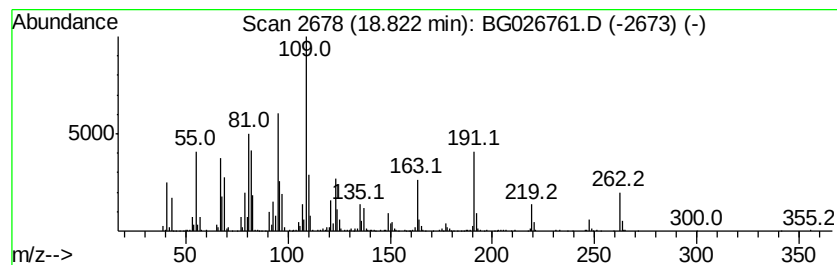
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 18-Norabietane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.82	7.42 ng/ul	740800	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
3	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
4	Pyrazol-4-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-9	38
5	Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026761.D
Acq On : 29 Apr 2017 00:15
Operator : SJ/MA
Sample : I2816-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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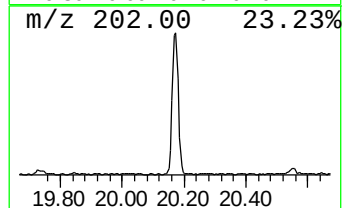
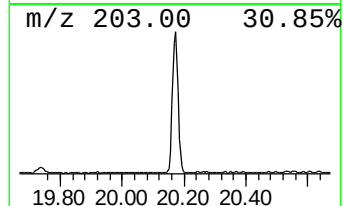
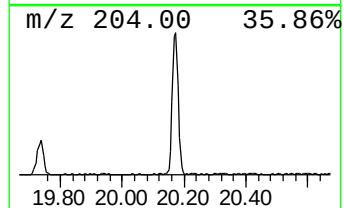
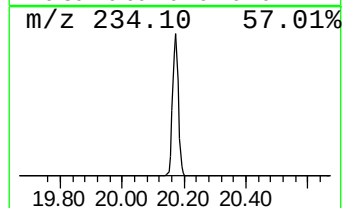
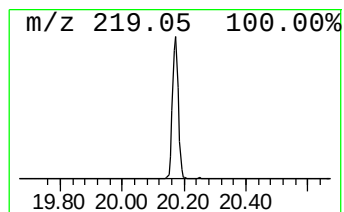
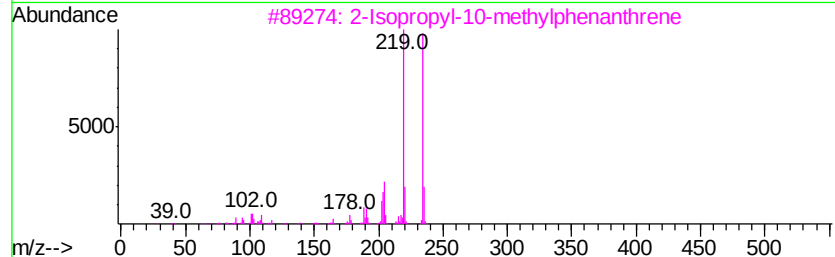
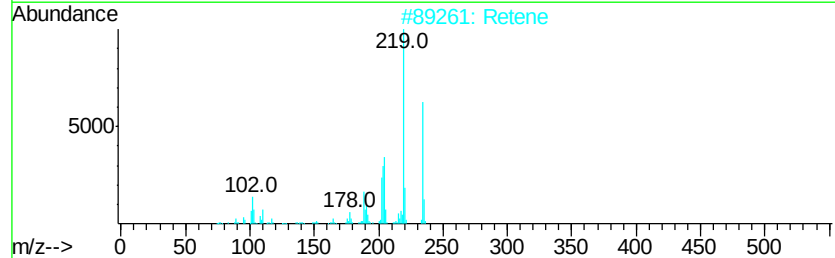
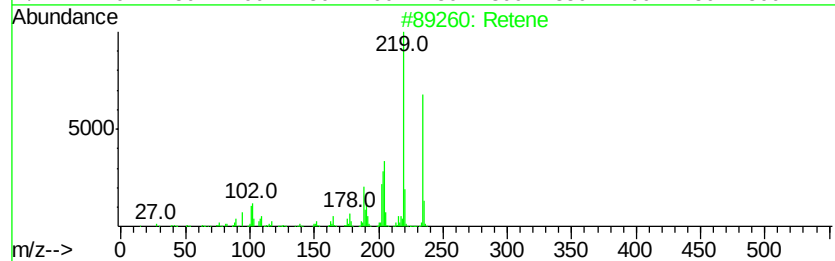
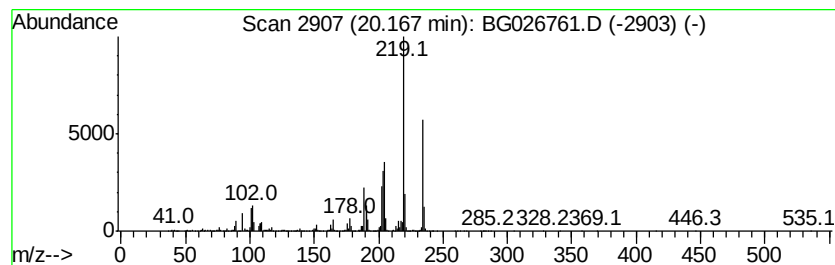
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	8.37 ng/ul	1136860	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	95
3		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4		Retene	234	C18H18	000483-65-8	87
5		Retene	234	C18H18	000483-65-8	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
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Sample : I2816-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

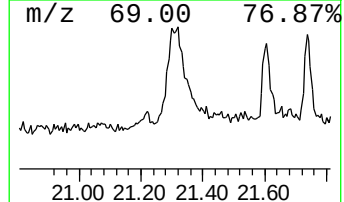
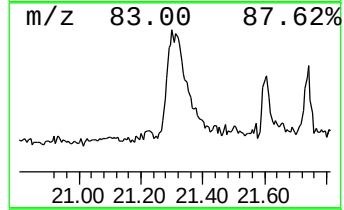
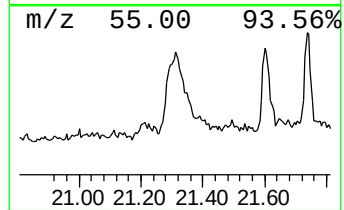
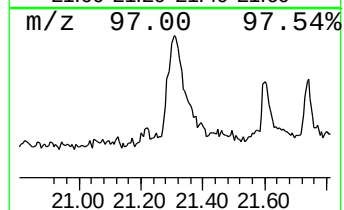
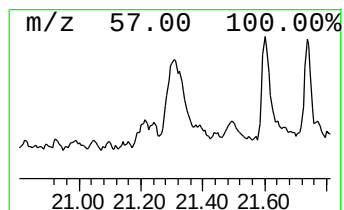
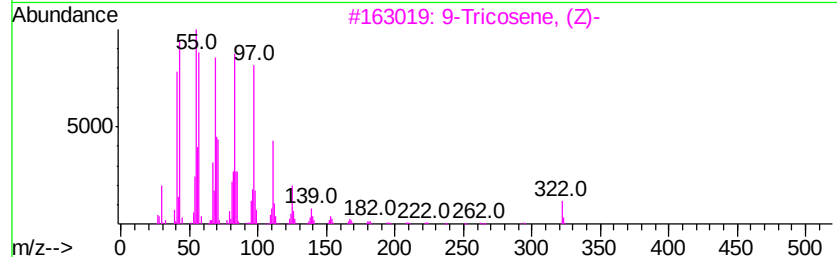
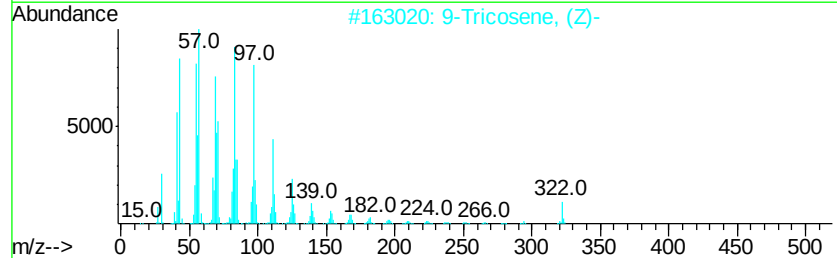
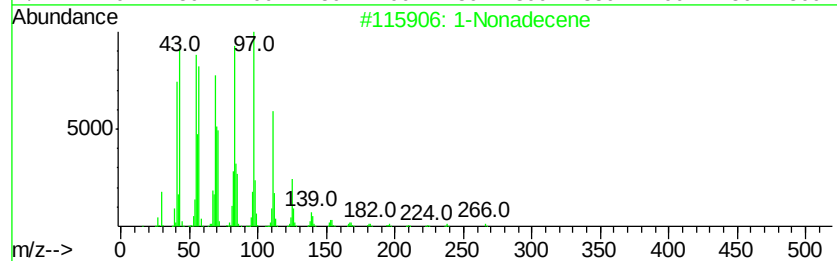
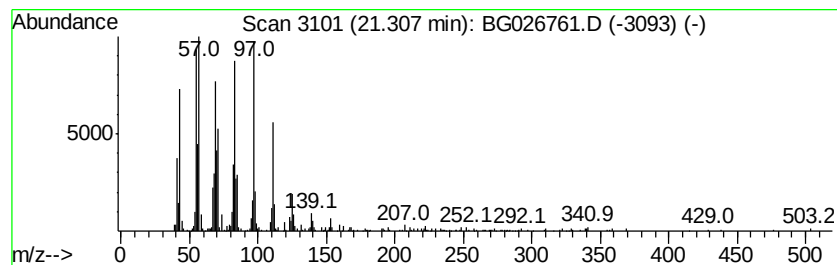
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic21.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.31	7.04 ng/ul	956063	Chrysene-d12	21.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026761.D
Acq On : 29 Apr 2017 00:15
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Sample : I2816-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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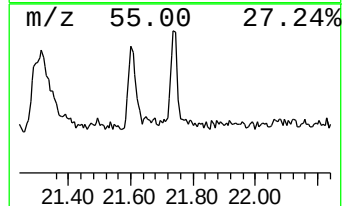
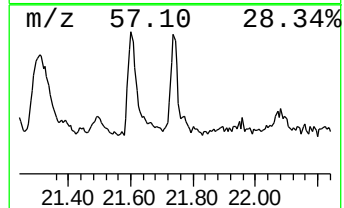
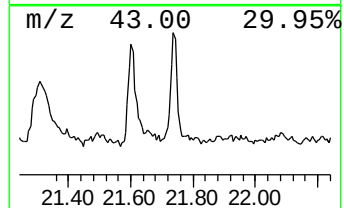
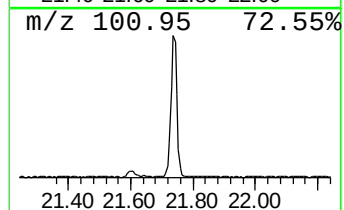
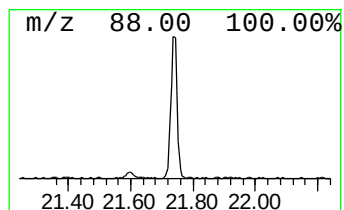
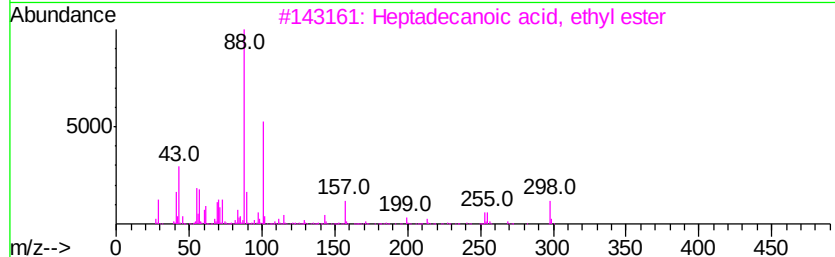
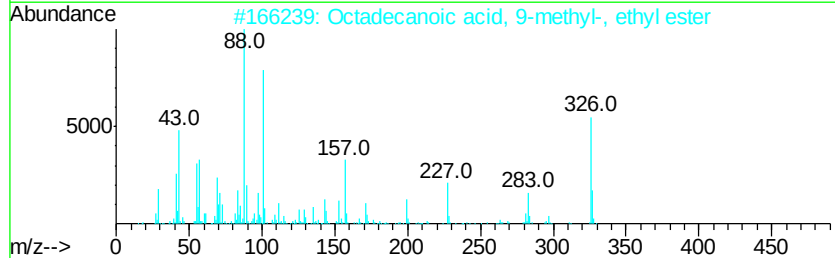
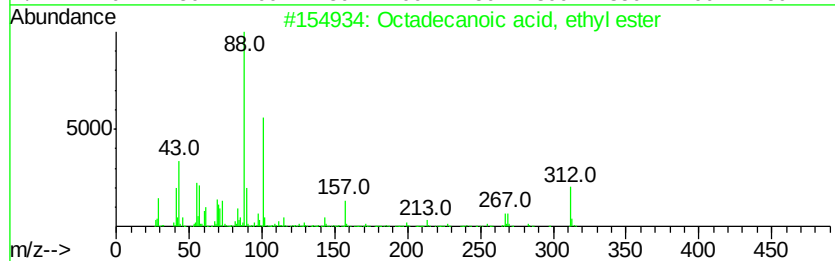
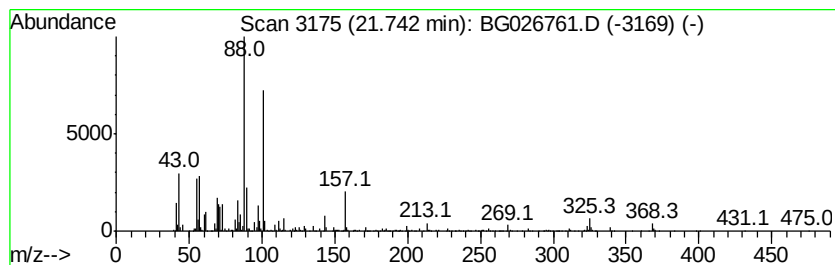
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid, ethyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	5.83 ng/ul	791004	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	91
2		Octadecanoic acid, 9-methyl-, et...	326	C21H42O2	055334-34-4	87
3		Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	86
4		Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	83
5		Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026761.D
Acq On : 29 Apr 2017 00:15
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Sample : I2816-16
Misc :
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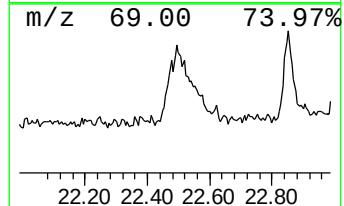
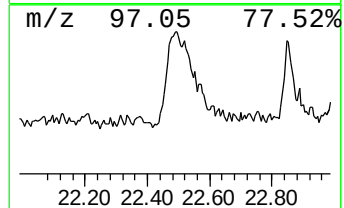
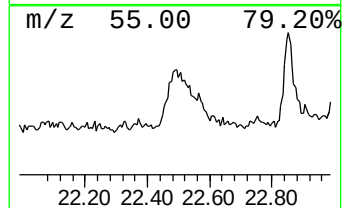
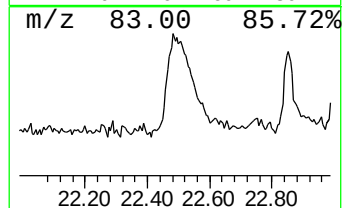
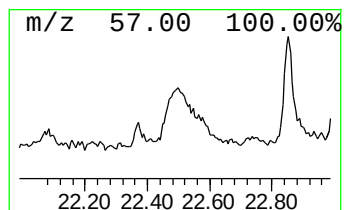
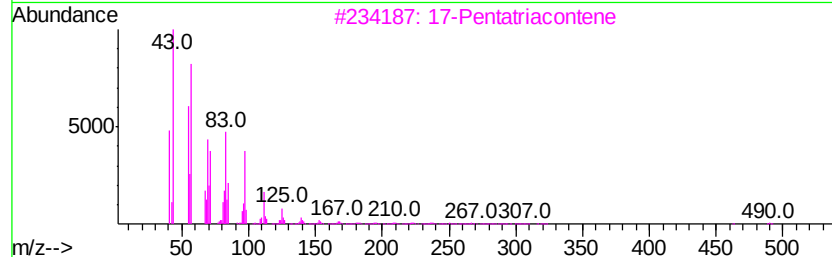
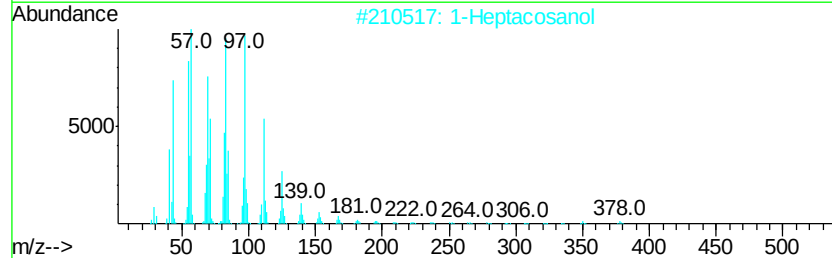
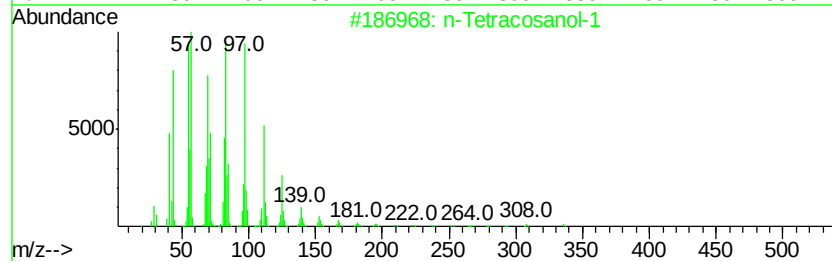
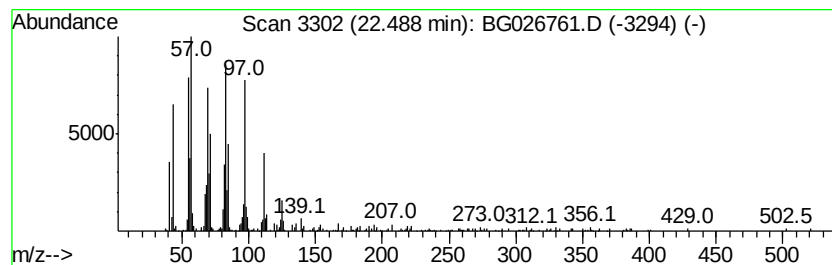
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	8.68 ng/ul	1178110	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
2	1-Heptacosanol	396 C27H56O	002004-39-9	91
3	17-Pentatriacontene	491 C35H70	006971-40-0	91
4	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	81
5	1-Triacontanol	438 C30H62O	000593-50-0	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026761.D
Acq On : 29 Apr 2017 00:15
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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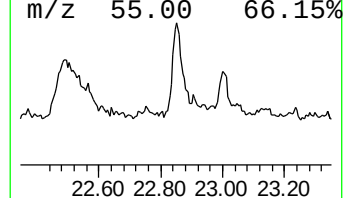
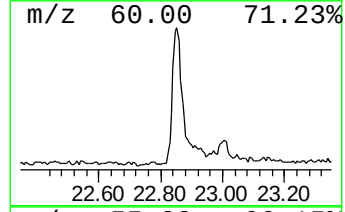
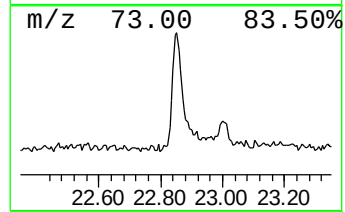
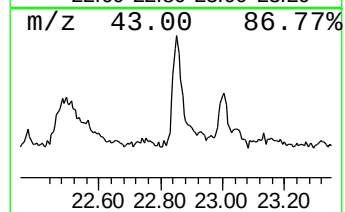
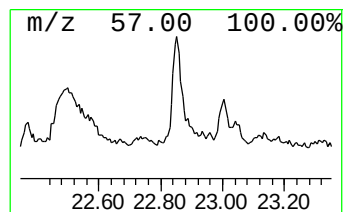
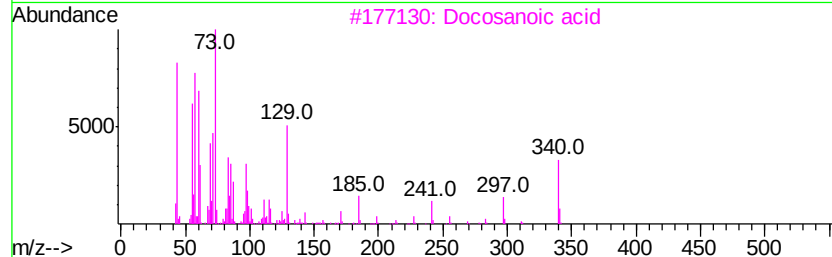
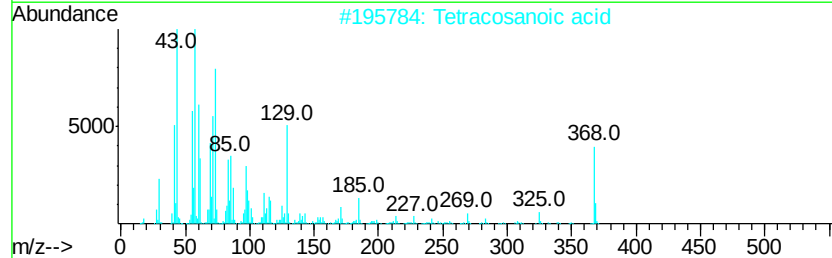
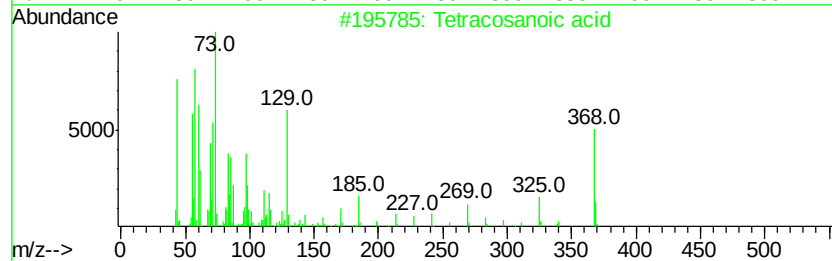
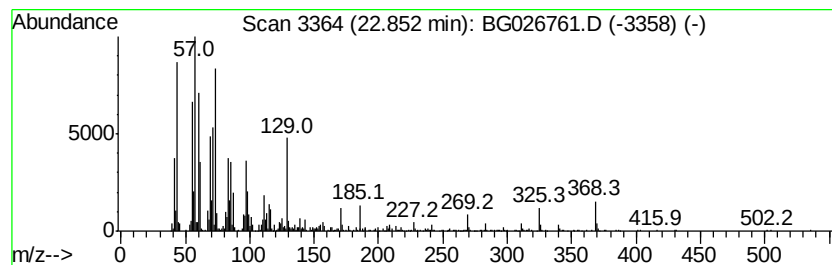
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Tetracosanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	8.46 ng/ul	1149100	Chrysene-d12	21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2			Tetracosanoic acid	368	C24H48O2	000557-59-5	90
3			Docosanoic acid	340	C22H44O2	000112-85-6	90
4			n-Decanoic acid	172	C10H20O2	000334-48-5	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026761.D
Acq On : 29 Apr 2017 00:15
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Sample : I2816-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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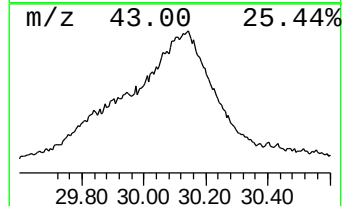
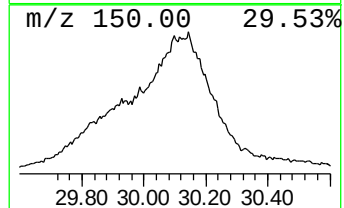
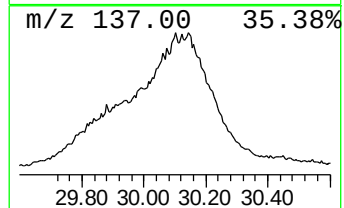
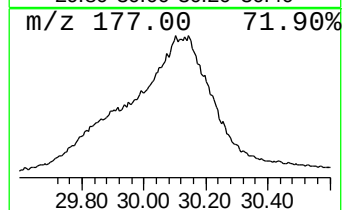
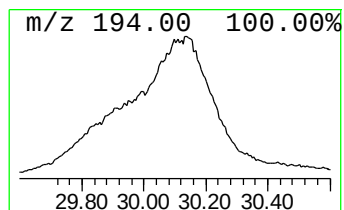
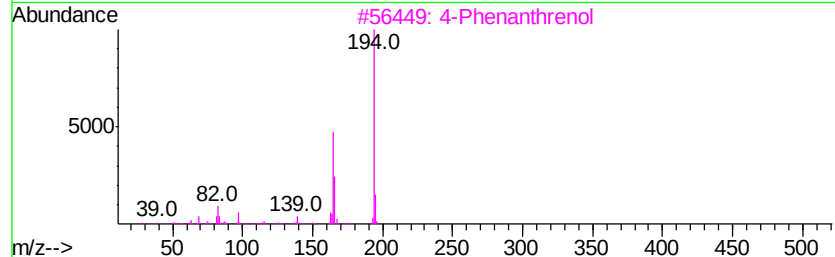
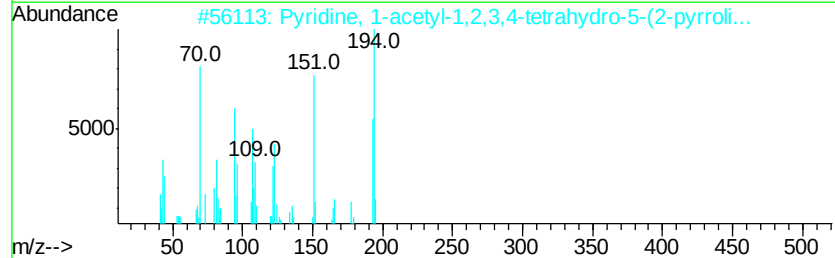
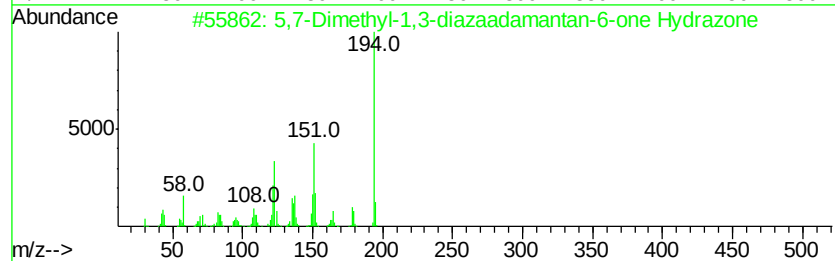
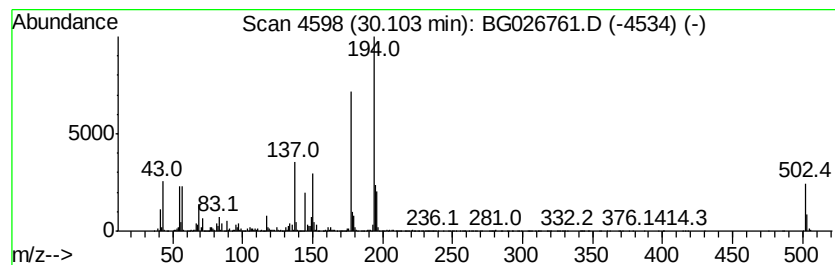
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.10	125.90 ng/ul	15328900	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,7-Dimethyl-1,3-diazaadamantan-...	194	C10H18N4	125658-01-7	25
2		Pyridine, 1-acetyl-1,2,3,4-tetra...	194	C11H18N2O	054966-14-2	25
3		4-Phenanthrenol	194	C14H10O	007651-86-7	22
4		N-(4-Methoxyphenyl)-2-hydroxymim...	194	C9H10N2O3	1000143-61-3	20
5		2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	000537-98-4	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
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 ClientSampleId :
 JHT72

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
1,2-Benzenediol, ...	12.02	8.1	ng/ul	558470	2	10.81	1379140	20.0
(DEL) Alkane: Str...	16.31	2.5	ng/ul	249990	4	17.35	1997760	20.0
n-Hexadecanoic acid	18.23	4.3	ng/ul	430642	4	17.35	1997760	20.0
1H-Phenanthro[9,1...	18.64	2.8	ng/ul	280030	4	17.35	1997760	20.0
18-Norabietane	18.82	7.4	ng/ul	740800	4	17.35	1997760	20.0
Retene	20.17	8.4	ng/ul	1136860	5	21.60	2715280	20.0
(DEL) Alkane: Cyc...	21.31	7.0	ng/ul	956063	5	21.60	2715280	20.0
Octadecanoic acid...	21.74	5.8	ng/ul	791004	5	21.60	2715280	20.0
n-Tetracosanol-1	22.49	8.7	ng/ul	1178110	5	21.60	2715280	20.0
Tetracosanoic acid	22.85	8.5	ng/ul	1149100	5	21.60	2715280	20.0
unknown-01	30.10	125.9	ng/ul	15328900	6	24.76	2435070	20.0