

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024359.D
 Acq On : 14 Oct 2016 19:44
 Operator : UM/SJ
 Sample : H5187-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPC8

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\SOM02.2-EPA-BG0100716.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	3.642	134	137	142	rVB6	16444	21471	0.52%	0.045%
2	4.406	262	267	276	rVB10	12576	43871	1.07%	0.092%
3	4.788	326	332	336	rVB8	6292	12470	0.30%	0.026%
4	5.052	374	377	380	rVB5	8779	10894	0.27%	0.023%
5	5.305	414	420	421	rVB5	7642	10699	0.26%	0.023%
6	5.329	421	424	431	rVB7	8516	18049	0.44%	0.038%
7	6.004	533	539	543	rVB7	8352	15819	0.39%	0.033%
8	6.609	639	642	644	rVB4	10789	13822	0.34%	0.029%
9	6.639	644	647	648	rBV2	12974	12056	0.29%	0.025%
10	7.256	750	752	759	rVB6	10169	14810	0.36%	0.031%
11	7.414	769	779	793	rVB	505860	958962	23.42%	2.017%
12	7.596	802	810	820	rVB	381768	650004	15.87%	1.367%
13	7.808	837	846	855	rVB	473329	855553	20.89%	1.800%
14	8.055	884	888	892	rVB5	8501	15967	0.39%	0.034%
15	8.184	906	910	914	rBV7	6154	11000	0.27%	0.023%
16	8.284	919	927	937	rVV	577409	1063021	25.96%	2.236%
17	8.407	945	948	953	rVB6	9107	12437	0.30%	0.026%
18	8.454	953	956	958	rBV4	8837	10537	0.26%	0.022%
19	8.484	958	961	963	rVV4	7849	10615	0.26%	0.022%
20	8.519	963	967	974	rVV7	10104	22922	0.56%	0.048%
21	8.836	1017	1021	1022	rVB4	11259	11830	0.29%	0.025%
22	8.848	1022	1023	1028	rBV4	10265	15929	0.39%	0.034%
23	8.971	1037	1044	1054	rVB2	606384	1091468	26.66%	2.296%
24	9.236	1083	1089	1091	rBV5	9068	13393	0.33%	0.028%
25	9.459	1117	1127	1136	rBV	541976	996615	24.34%	2.097%
26	9.806	1179	1186	1192	rBV8	10054	24455	0.60%	0.051%
27	9.888	1197	1200	1203	rVB4	9659	12734	0.31%	0.027%
28	9.923	1203	1206	1209	rBV5	7435	12007	0.29%	0.025%
29	10.182	1240	1250	1258	rBV2	395080	752575	18.38%	1.583%
30	10.517	1302	1307	1310	rBV6	9315	12727	0.31%	0.027%
31	10.716	1334	1341	1353	rBV	666304	1212217	29.60%	2.550%
32	10.810	1353	1357	1359	rVB4	9959	11509	0.28%	0.024%
33	11.110	1398	1408	1418	rVB	834191	1560995	38.12%	3.284%
34	11.239	1423	1430	1442	rBV2	282531	523115	12.78%	1.101%

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35	11.551	1479	1483	1490	rVB6	8690	13343	0.33%	0.028%
36	11.839	1528	1532	1536	rBV7	9534	18744	0.46%	0.039%
37	12.291	1605	1609	1615	rBV4	9741	17460	0.43%	0.037%
38	12.667	1666	1673	1684	rBV10	19113	49403	1.21%	0.104%
39	12.896	1705	1712	1716	rVB6	6907	16960	0.41%	0.036%
40	13.255	1767	1773	1775	rBV5	10642	17062	0.42%	0.036%
41	13.484	1809	1812	1817	rBV7	12541	22668	0.55%	0.048%
42	13.554	1820	1824	1829	rVB8	7715	14155	0.35%	0.030%
43	13.625	1833	1836	1840	rBV6	9329	17431	0.43%	0.037%
44	13.689	1845	1847	1851	rVB5	11583	12226	0.30%	0.026%
45	13.766	1853	1860	1865	rVB2	35922	64205	1.57%	0.135%
46	13.854	1872	1875	1880	rBV7	6248	11782	0.29%	0.025%
47	13.954	1884	1892	1897	rBV6	7538	16756	0.41%	0.035%
48	14.024	1902	1904	1909	rVB5	8893	15223	0.37%	0.032%
49	14.095	1909	1916	1921	rBV10	20504	46401	1.13%	0.098%
50	14.289	1940	1949	1954	rBV	954919	1432477	34.98%	3.014%
51	14.336	1954	1957	1966	rVB	419154	584184	14.27%	1.229%
52	14.465	1974	1979	1981	rBV5	8764	13506	0.33%	0.028%
53	14.506	1983	1986	1989	rBV5	12093	14823	0.36%	0.031%
54	14.594	1992	2001	2013	rBV	1421521	2337905	57.10%	4.918%
55	14.753	2022	2028	2033	rBV5	23475	35023	0.86%	0.074%
56	14.900	2044	2053	2062	rBV	1546730	2450245	59.84%	5.155%
57	15.058	2073	2080	2093	rBV	584068	938926	22.93%	1.975%
58	15.264	2110	2115	2120	rBV8	16978	30327	0.74%	0.064%
59	15.311	2120	2123	2129	rVB7	10250	13319	0.33%	0.028%
60	15.364	2129	2132	2139	rBV6	12079	21001	0.51%	0.044%
61	15.434	2140	2144	2148	rVB6	9442	13535	0.33%	0.028%
62	15.664	2178	2183	2185	rBV5	18213	23933	0.58%	0.050%
63	15.699	2185	2189	2193	rVB3	70688	91766	2.24%	0.193%
64	15.763	2196	2200	2203	rBV5	10492	15118	0.37%	0.032%
65	15.887	2213	2221	2231	rBV	1981475	3204697	78.26%	6.742%
66	15.987	2231	2238	2250	rVB2	404145	641667	15.67%	1.350%
67	16.116	2250	2260	2267	rBV9	35304	109112	2.66%	0.230%
68	16.251	2280	2283	2291	rVB8	13599	31684	0.77%	0.067%
69	16.322	2291	2295	2300	rBV7	13931	22234	0.54%	0.047%
70	16.504	2323	2326	2331	rBV6	18381	27326	0.67%	0.057%
71	16.557	2331	2335	2346	rVB2	97653	194339	4.75%	0.409%

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72	16.674	2352	2355	2359	rVB6	11580	15525	0.38%	0.033%
73	16.833	2376	2382	2388	rVB6	15935	38556	0.94%	0.081%
74	16.897	2390	2393	2400	rBV8	19557	33444	0.82%	0.070%
75	17.068	2419	2422	2428	rVB8	19473	30383	0.74%	0.064%
76	17.174	2439	2440	2443	rBV3	11945	11741	0.29%	0.025%
77	17.350	2465	2470	2474	rBV3	60788	80185	1.96%	0.169%
78	17.403	2474	2479	2482	rBV7	29694	48899	1.19%	0.103%
79	17.508	2494	2497	2503	rVB8	10156	20564	0.50%	0.043%
80	17.638	2512	2519	2529	rBV	1978053	3115210	76.08%	6.554%
81	17.738	2529	2536	2548	rVV	2213366	3467611	84.69%	7.295%
82	17.890	2559	2562	2567	rVB6	15861	25374	0.62%	0.053%
83	17.978	2572	2577	2592	rBV2	472965	749230	18.30%	1.576%
84	18.084	2592	2595	2601	rVB5	43442	57982	1.42%	0.122%
85	18.278	2625	2628	2635	rVB8	10580	10799	0.26%	0.023%
86	18.378	2639	2645	2649	rBV9	14594	26103	0.64%	0.055%
87	18.484	2657	2663	2675	rBV2	344333	519600	12.69%	1.093%
88	18.566	2675	2677	2687	rVB10	26596	51181	1.25%	0.108%
89	18.689	2696	2698	2701	rBV4	12123	13791	0.34%	0.029%
90	18.772	2710	2712	2716	rBV4	30383	29663	0.72%	0.062%
91	19.336	2803	2808	2815	rBV	259609	381240	9.31%	0.802%
92	19.600	2850	2853	2854	rBV2	31448	25743	0.63%	0.054%
93	19.741	2872	2877	2883	rBV2	224752	327610	8.00%	0.689%
94	19.894	2899	2903	2907	rVB5	33613	48520	1.18%	0.102%
95	20.005	2916	2922	2933	rVB	2679884	4094707	100.00%	8.614%
96	21.521	3175	3180	3187	rBV3	296299	539527	13.18%	1.135%
97	21.933	3243	3250	3261	rVB	2008265	3681312	89.90%	7.745%
98	23.695	3544	3550	3555	rVB5	85158	160003	3.91%	0.337%
99	25.141	3785	3796	3808	rVB2	1190597	3554754	86.81%	7.478%
100	25.376	3825	3836	3850	rVB2	1145730	3737299	91.27%	7.862%

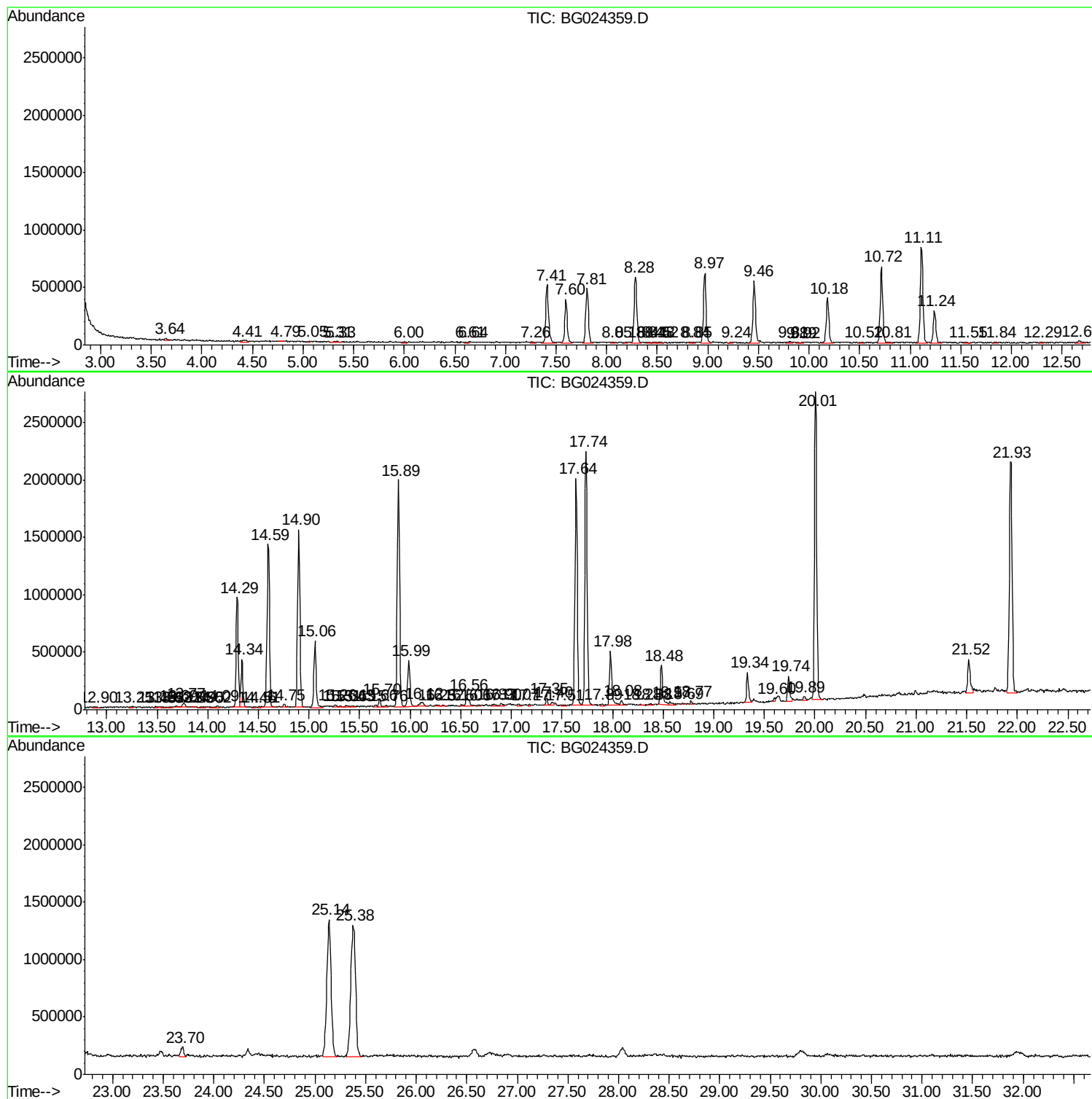
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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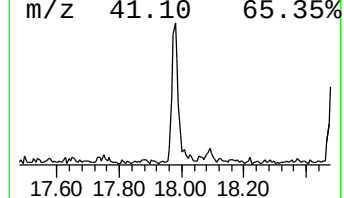
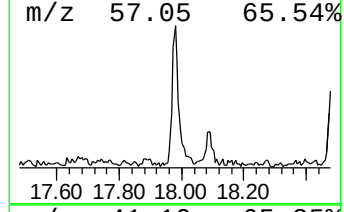
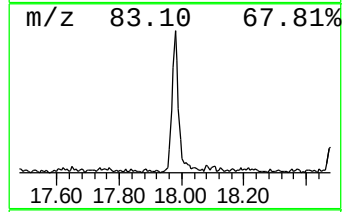
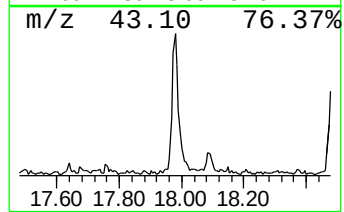
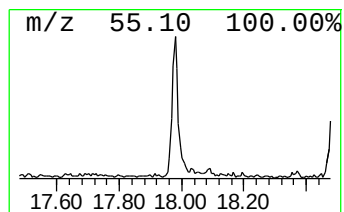
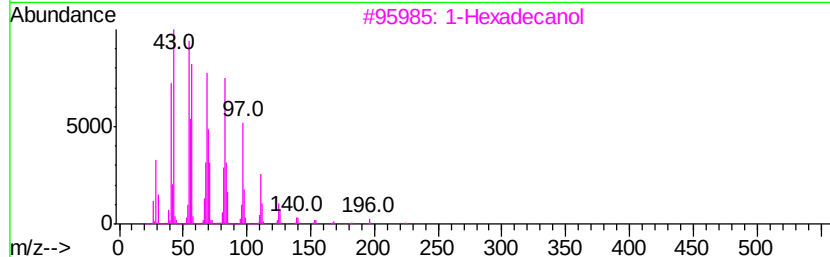
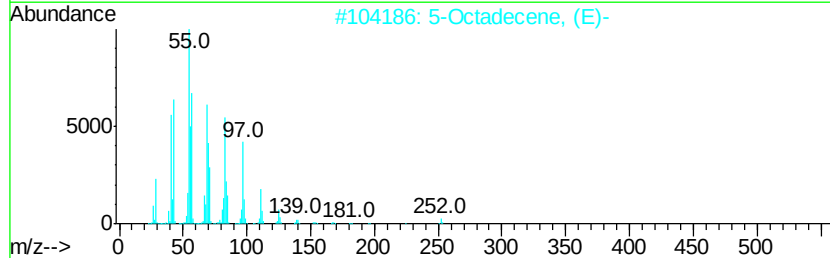
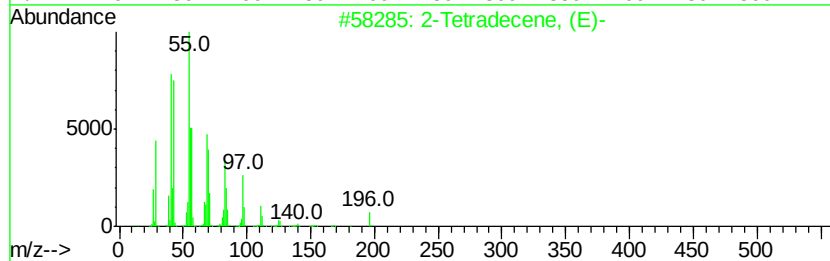
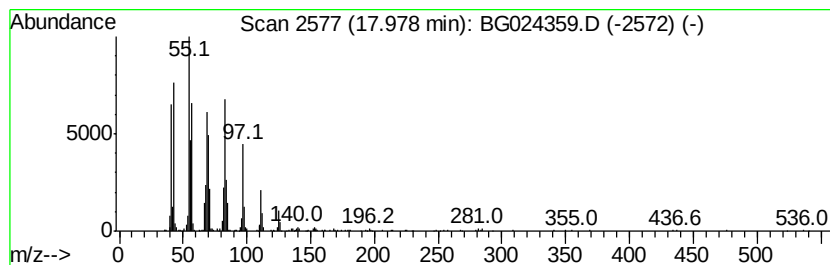
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.81 ng/ul	749230	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Tetradecene, (E)-	196	C14H28	035953-54-9	95
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3			1-Hexadecanol	242	C16H34O	036653-82-4	94
4			1-Tetradecanol	214	C14H30O	000112-72-1	91
5			1-Tetradecanol	214	C14H30O	000112-72-1	91



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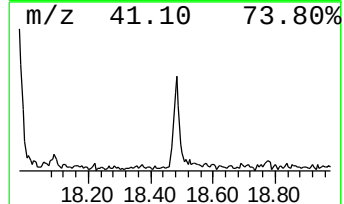
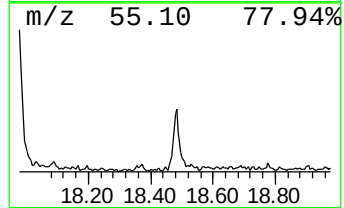
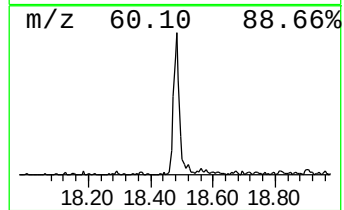
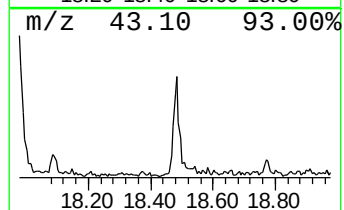
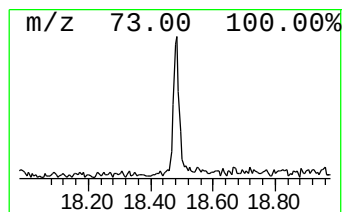
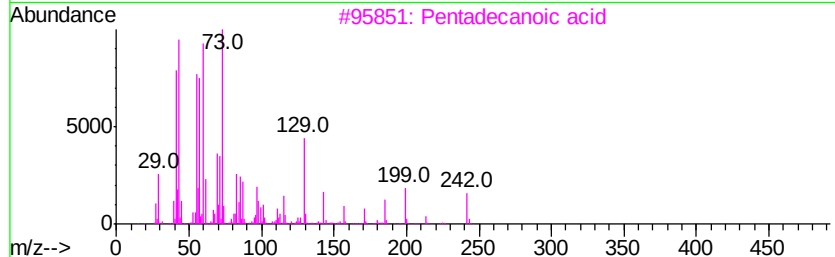
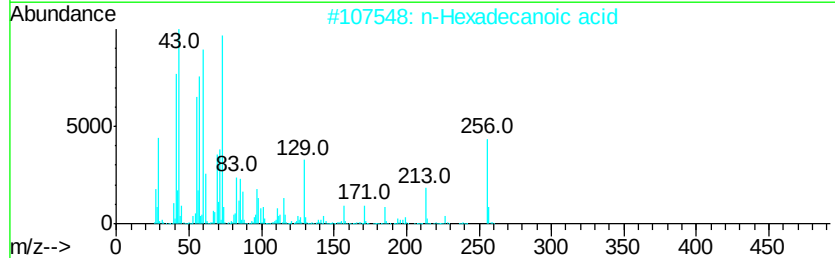
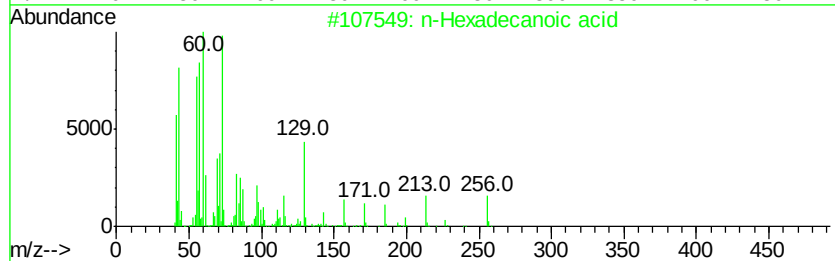
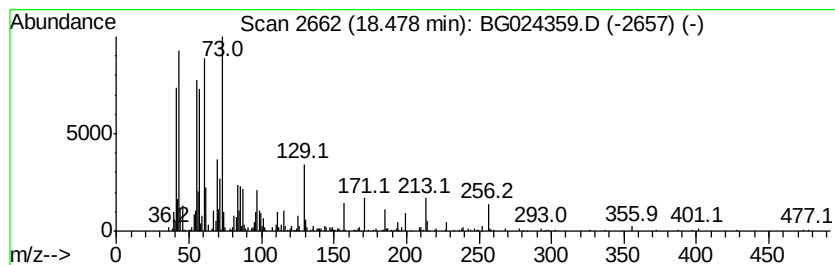
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.34 ng/ul	519600	Phenanthrene-d10	17.64

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	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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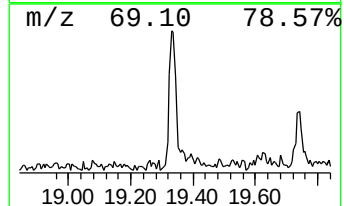
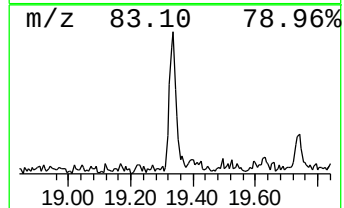
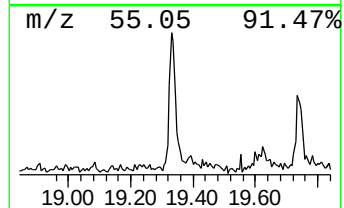
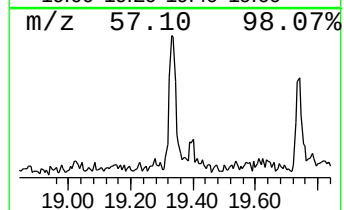
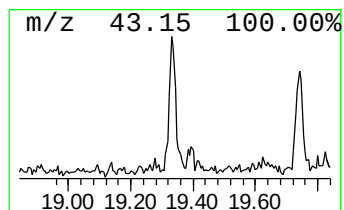
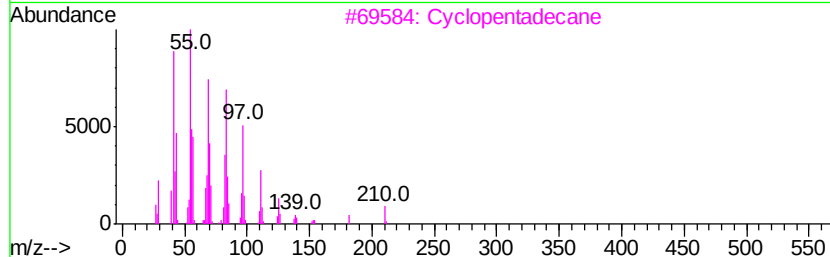
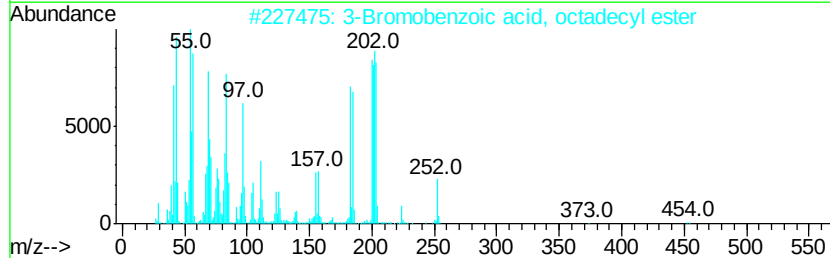
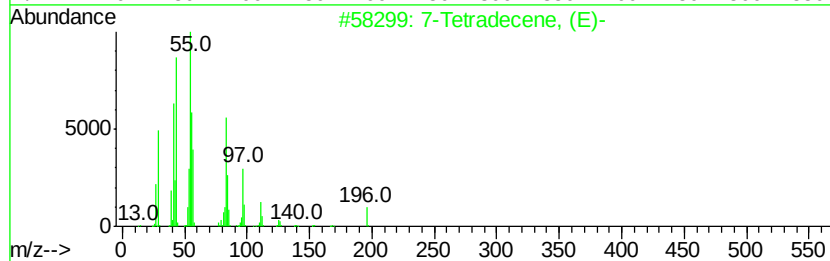
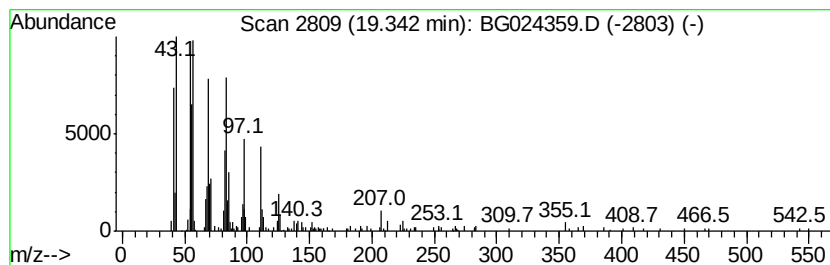
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Peak Number 3 (DEL) Alkane: Cyclic19.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.45 ng/ul	381240	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Tetradecene, (E)-	196	C14H28	041446-63-3	87
2		3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	86
3		Cyclopentadecane	210	C15H30	000295-48-7	86
4		Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	86
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	83



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Operator : UM/SJ
Sample : H5187-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC8

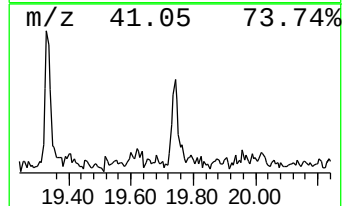
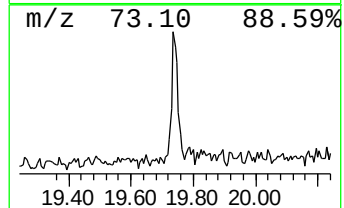
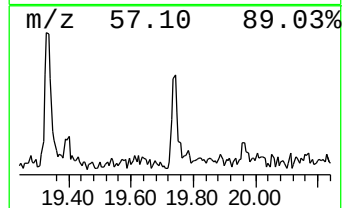
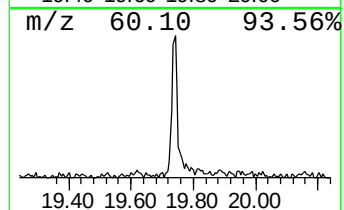
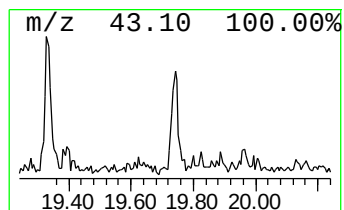
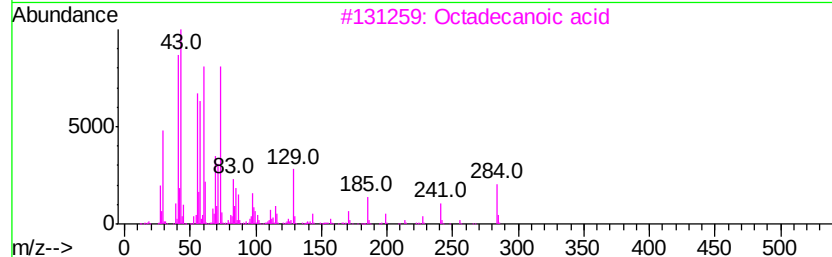
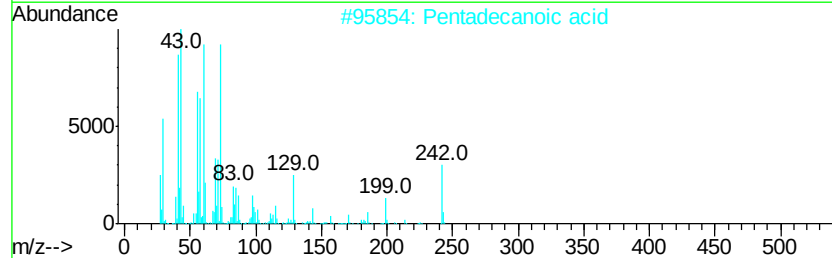
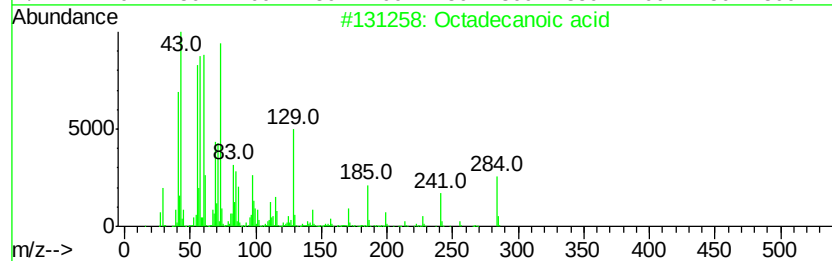
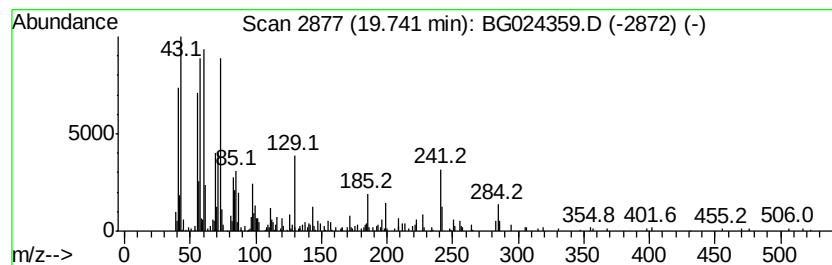
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.10 ng/ul	327610	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024359.D
Acq On : 14 Oct 2016 19:44
Operator : UM/SJ
Sample : H5187-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC8

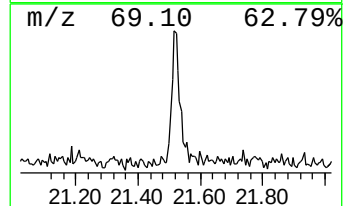
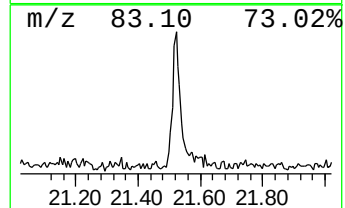
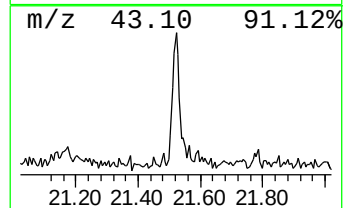
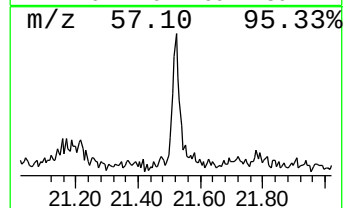
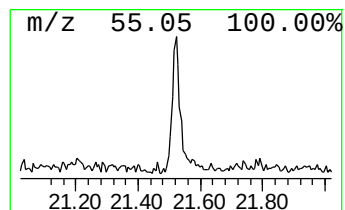
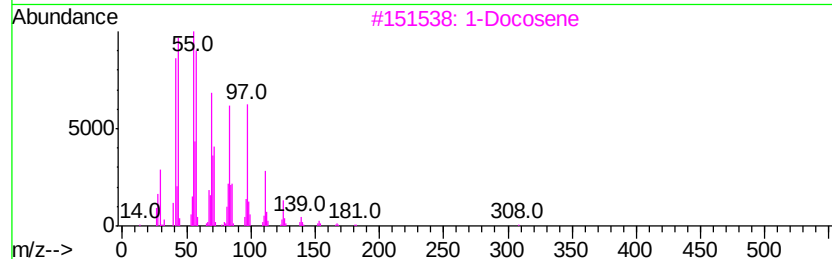
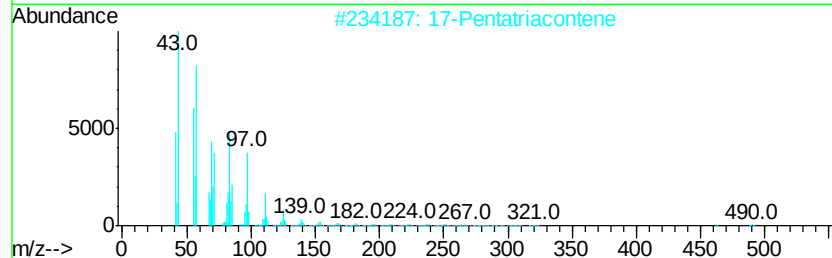
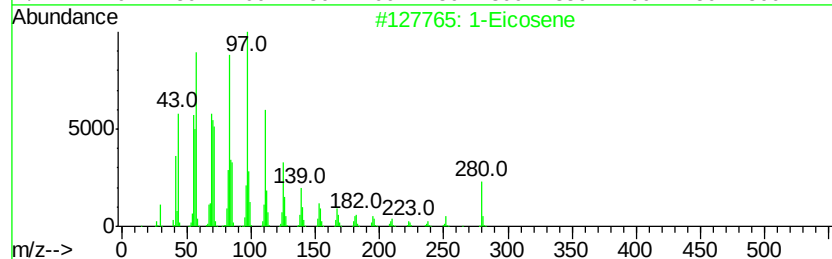
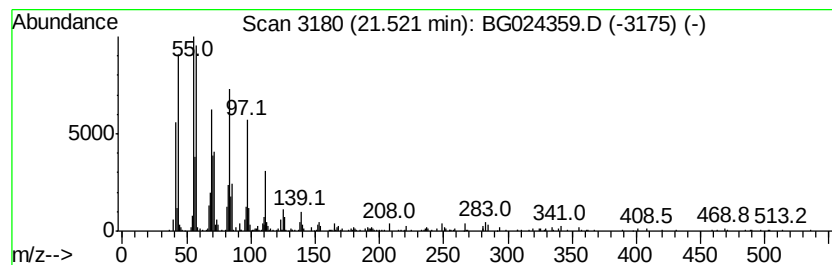
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.93 ng/ul	539527	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	94
2		17-Pentatriacontene	491	C35H70	006971-40-0	94
3		1-Docosene	308	C22H44	001599-67-3	91
4		Cycloeicosane	280	C20H40	000296-56-0	89
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101416\
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Instrument :
BNA_G
ClientSampleId :
BDPC8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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: Cyc...	17.98	4.8	ng/ul	749230	4	17.64	3115210	20.0
n-Hexadecanoic acid	18.48	3.3	ng/ul	519600	4	17.64	3115210	20.0
(DEL) Alkane: Cyc...	19.34	2.5	ng/ul	381240	4	17.64	3115210	20.0
Octadecanoic acid	19.74	2.1	ng/ul	327610	4	17.64	3115210	20.0
(DEL) Alkane: Cyc...	21.52	2.9	ng/ul	539527	5	21.93	3681310	20.0