

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
 Data File : BG024358.D
 Acq On : 14 Oct 2016 19:06
 Operator : UM/SJ
 Sample : H5187-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPC7

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	3.643	134	137	144	rVB7	22590	36416	0.98%	0.077%
2	4.095	212	214	219	rBV4	8401	12408	0.33%	0.026%
3	4.342	255	256	264	rVB7	8555	12267	0.33%	0.026%
4	4.401	264	266	274	rVB7	12652	21933	0.59%	0.046%
5	5.053	375	377	380	rVB3	11711	11835	0.32%	0.025%
6	5.094	380	384	386	rBV5	8692	12481	0.34%	0.026%
7	5.346	422	427	431	rVB8	8577	13235	0.36%	0.028%
8	5.605	466	471	474	rVV6	9813	16540	0.45%	0.035%
9	5.634	474	476	484	rVB8	10244	20584	0.55%	0.043%
10	5.711	486	489	493	rBV4	10316	12276	0.33%	0.026%
11	6.334	590	595	600	rBV6	10426	19683	0.53%	0.042%
12	6.469	613	618	627	rVB6	13850	40878	1.10%	0.086%
13	6.533	627	629	633	rBV5	9580	15001	0.40%	0.032%
14	6.762	664	668	672	rBV5	9807	11341	0.31%	0.024%
15	6.821	676	678	684	rVB6	9607	14747	0.40%	0.031%
16	6.903	687	692	695	rBV6	8748	14117	0.38%	0.030%
17	7.009	703	710	713	rBV8	9106	18897	0.51%	0.040%
18	7.056	715	718	721	rBV4	10119	11719	0.32%	0.025%
19	7.262	750	753	758	rVB3	7169	14640	0.39%	0.031%
20	7.297	758	759	764	rBV4	7636	11525	0.31%	0.024%
21	7.415	771	779	788	rVB	451444	877843	23.63%	1.854%
22	7.597	801	810	823	rBV	302108	555271	14.95%	1.172%
23	7.808	836	846	855	rBV	423332	756764	20.37%	1.598%
24	8.079	887	892	893	rVB4	10482	14713	0.40%	0.031%
25	8.284	918	927	937	rBV	591512	1039733	27.99%	2.195%
26	8.455	951	956	958	rVB6	9024	12128	0.33%	0.026%
27	8.972	1032	1044	1056	rVV2	573475	1047122	28.19%	2.211%
28	9.236	1084	1089	1091	rBV5	8525	14993	0.40%	0.032%
29	9.359	1107	1110	1118	rVB8	6992	16757	0.45%	0.035%
30	9.459	1118	1127	1134	rBV2	477475	899465	24.22%	1.899%
31	9.512	1134	1136	1143	rVB4	21369	35608	0.96%	0.075%
32	9.600	1146	1151	1154	rVV7	7603	13964	0.38%	0.029%
33	9.806	1182	1186	1193	rBV8	16395	39804	1.07%	0.084%
34	10.000	1216	1219	1225	rVB8	7212	14353	0.39%	0.030%

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35	10.182	1241	1250	1264	rVB3	408143	782558	21.07%	1.652%
36	10.652	1328	1330	1333	rBV2	10056	12352	0.33%	0.026%
37	10.717	1333	1341	1352	rVB	594777	1122535	30.22%	2.370%
38	11.116	1400	1409	1421	rBV	819792	1567107	42.19%	3.309%
39	11.240	1421	1430	1446	rVV	576013	1103561	29.71%	2.330%
40	11.527	1475	1479	1485	rVB7	7351	15440	0.42%	0.033%
41	11.592	1485	1490	1496	rBV9	6880	18519	0.50%	0.039%
42	11.839	1528	1532	1540	rBV9	9030	21903	0.59%	0.046%
43	12.268	1599	1605	1606	rBV5	8985	16219	0.44%	0.034%
44	12.309	1608	1612	1616	rVB5	7966	12406	0.33%	0.026%
45	12.444	1633	1635	1642	rVB8	9114	15223	0.41%	0.032%
46	12.667	1665	1673	1679	rVB7	20756	49730	1.34%	0.105%
47	12.879	1707	1709	1715	rVV5	9054	11474	0.31%	0.024%
48	13.079	1735	1743	1746	rBV7	10992	23711	0.64%	0.050%
49	13.249	1767	1772	1775	rVB7	11129	14419	0.39%	0.030%
50	13.284	1775	1778	1781	rBV4	8124	11648	0.31%	0.025%
51	13.496	1811	1814	1818	rBV6	10679	13647	0.37%	0.029%
52	13.678	1841	1845	1848	rBV6	6569	11066	0.30%	0.023%
53	13.760	1854	1859	1870	rBV5	40707	77573	2.09%	0.164%
54	14.113	1914	1919	1922	rBV6	10360	15645	0.42%	0.033%
55	14.289	1942	1949	1954	rVV	1280684	1969022	53.01%	4.158%
56	14.336	1954	1957	1963	rVB	540558	749359	20.17%	1.582%
57	14.594	1993	2001	2010	rBV	1285594	2086831	56.18%	4.406%
58	14.753	2022	2028	2033	rVB6	25823	39710	1.07%	0.084%
59	14.900	2046	2053	2063	rVB	1531198	2468694	66.46%	5.213%
60	15.059	2073	2080	2092	rBV	686600	1137517	30.62%	2.402%
61	15.194	2099	2103	2107	rBV7	9552	17163	0.46%	0.036%
62	15.253	2107	2113	2120	rBV10	18875	43877	1.18%	0.093%
63	15.364	2129	2132	2138	rBV8	11301	17656	0.48%	0.037%
64	15.446	2142	2146	2150	rVB6	12565	17077	0.46%	0.036%
65	15.493	2150	2154	2158	rVB7	9067	15773	0.42%	0.033%
66	15.546	2158	2163	2165	rBV5	10913	18851	0.51%	0.040%
67	15.705	2184	2190	2195	rVB2	57614	81127	2.18%	0.171%
68	15.770	2195	2201	2204	rBV7	9410	15966	0.43%	0.034%
69	15.887	2213	2221	2230	rBV	1816423	2867054	77.19%	6.054%
70	15.987	2230	2238	2247	rBV	671082	1043645	28.10%	2.204%
71	16.122	2248	2261	2266	rBV	27546	82878	2.23%	0.175%

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72	16.251	2280	2283	2292	rBV9	12243	18180	0.49%	0.038%
73	16.322	2293	2295	2299	rVB4	17368	18268	0.49%	0.039%
74	16.557	2330	2335	2343	rBV2	73061	127959	3.44%	0.270%
75	16.663	2350	2353	2359	rBV7	10103	11249	0.30%	0.024%
76	16.833	2380	2382	2385	rBV3	16538	21810	0.59%	0.046%
77	16.986	2402	2408	2416	rBV3	20538	58112	1.56%	0.123%
78	17.092	2420	2426	2430	rBV9	9043	17742	0.48%	0.037%
79	17.221	2446	2448	2453	rVB7	11748	13832	0.37%	0.029%
80	17.350	2463	2470	2474	rBV3	56644	87996	2.37%	0.186%
81	17.403	2477	2479	2481	rBV2	14023	14530	0.39%	0.031%
82	17.638	2511	2519	2529	rBV2	2024238	3188985	85.86%	6.733%
83	17.738	2529	2536	2545	rVV	1997801	3146255	84.70%	6.643%
84	17.891	2556	2562	2566	rBV9	15797	38416	1.03%	0.081%
85	17.979	2572	2577	2587	rBV2	241561	392025	10.55%	0.828%
86	18.090	2592	2596	2602	rVB5	24780	41803	1.13%	0.088%
87	18.355	2639	2641	2645	rBV5	18888	17451	0.47%	0.037%
88	18.484	2655	2663	2675	rBV2	643048	944778	25.44%	1.995%
89	18.907	2732	2735	2737	rBV3	12871	16008	0.43%	0.034%
90	19.336	2803	2808	2815	rBV7	71045	137838	3.71%	0.291%
91	19.606	2850	2854	2855	rBV4	33428	39466	1.06%	0.083%
92	19.741	2871	2877	2887	rBV	380984	545640	14.69%	1.152%
93	19.900	2901	2904	2907	rVB4	27883	35239	0.95%	0.074%
94	20.006	2914	2922	2933	rBV	2409198	3714370	100.00%	7.843%
95	20.464	2997	3000	3007	rBV8	18564	40322	1.09%	0.085%
96	21.522	3175	3180	3193	rBV5	266375	498260	13.41%	1.052%
97	21.933	3243	3250	3260	rVB	2009622	3604525	97.04%	7.611%
98	23.472	3509	3512	3521	rVB9	62302	129144	3.48%	0.273%
99	25.141	3785	3796	3813	rVB2	1081243	3462067	93.21%	7.310%
100	25.382	3825	3837	3851	rVB3	1154146	3708344	99.84%	7.830%

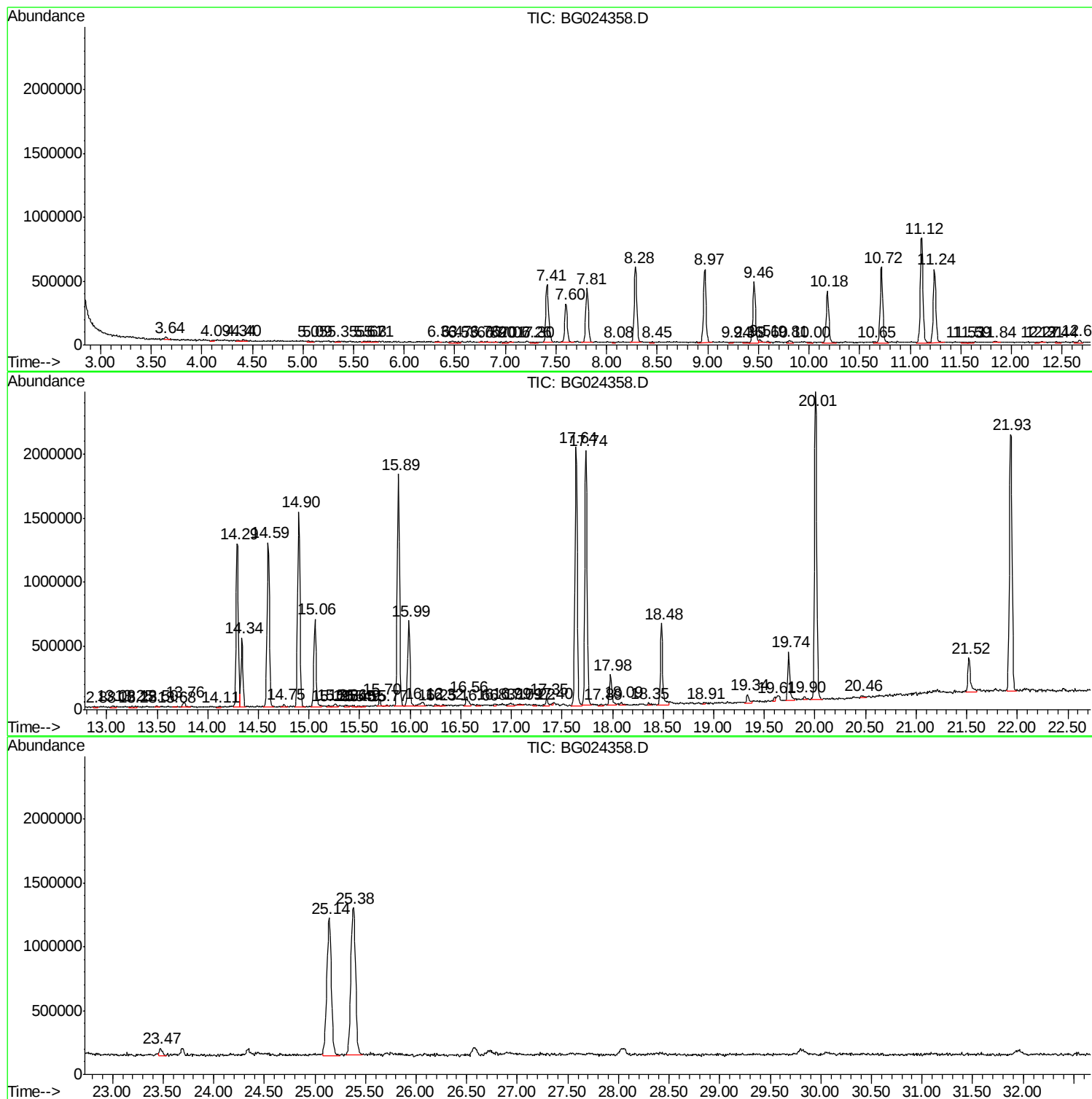
Sum of corrected areas: 47360591

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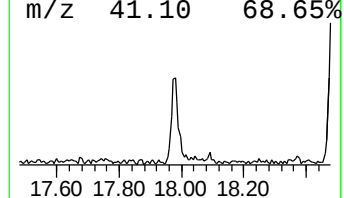
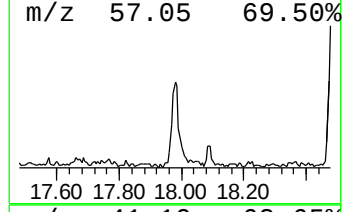
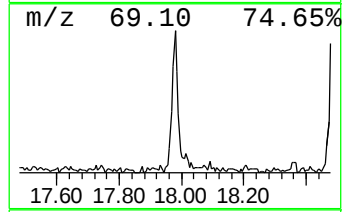
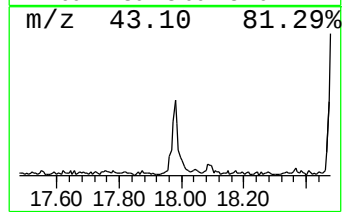
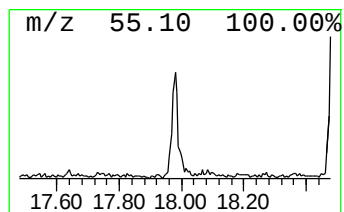
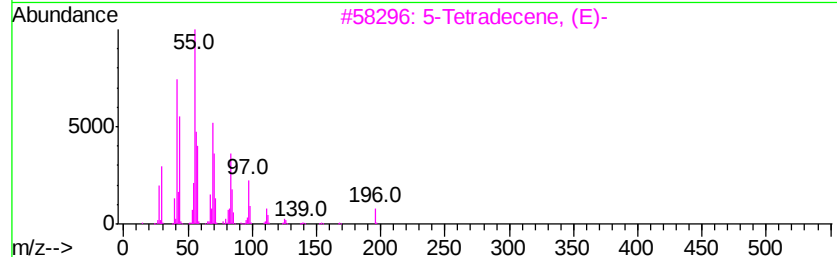
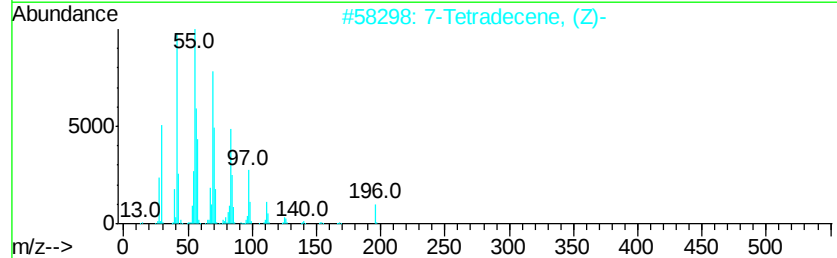
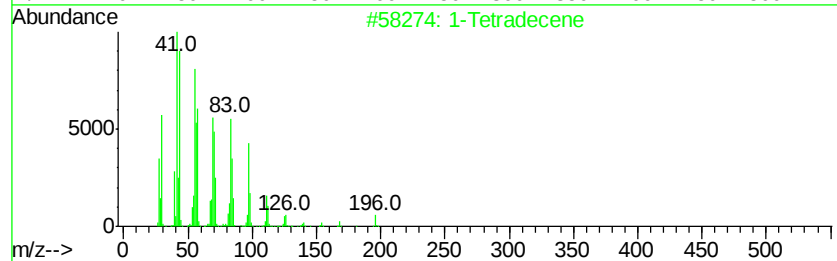
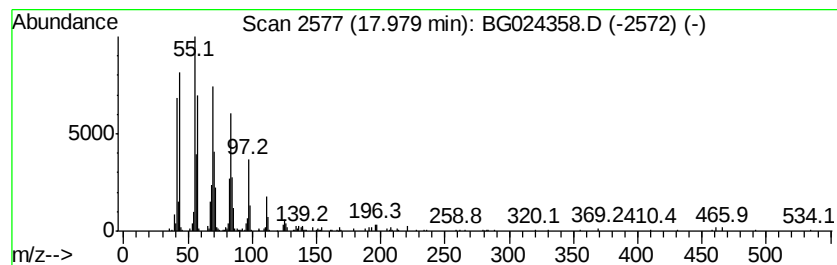
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.98 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.46 ng/ul	392025	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetradecene	196	C14H28	001120-36-1	95
2			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	94
3			5-Tetradecene, (E)-	196	C14H28	041446-66-6	94
4			6-Tetradecene, (E)-	196	C14H28	041446-64-4	94
5			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	94



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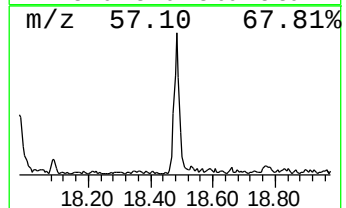
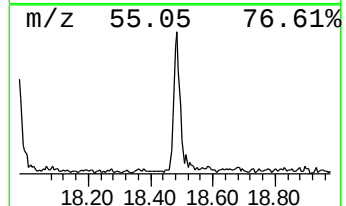
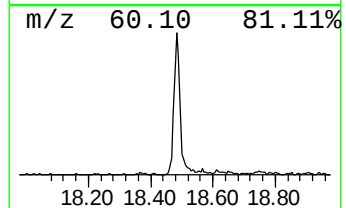
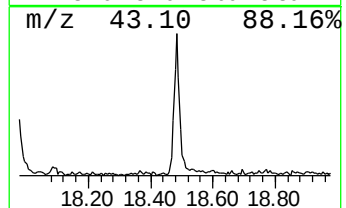
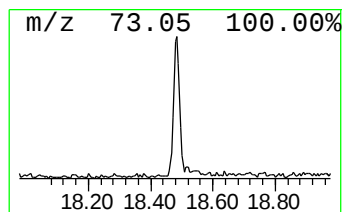
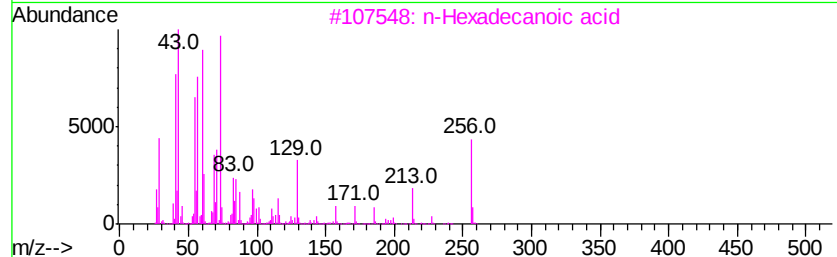
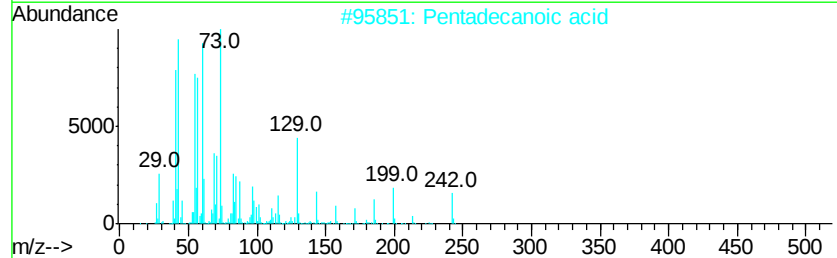
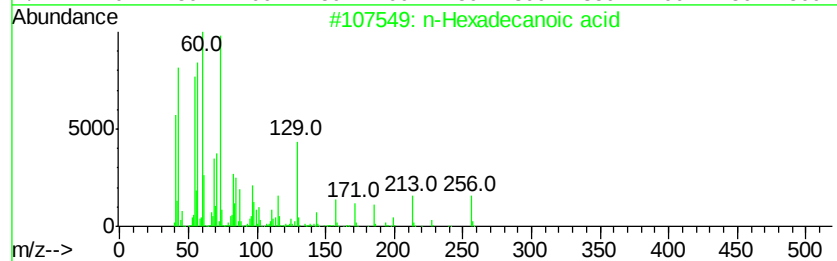
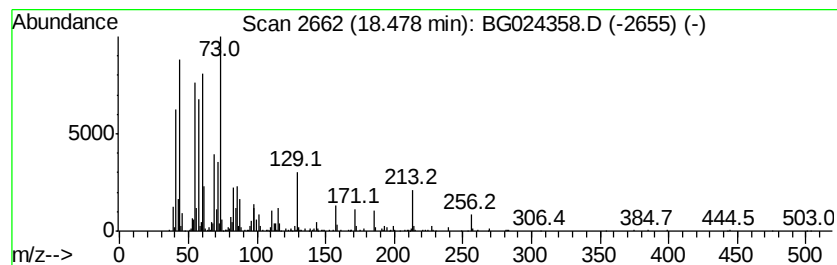
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.93 ng/ul	944778	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	78	



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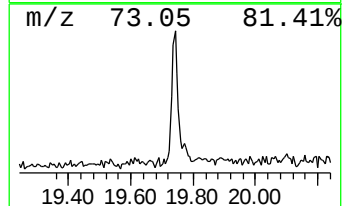
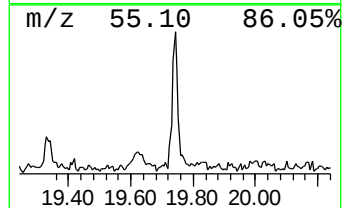
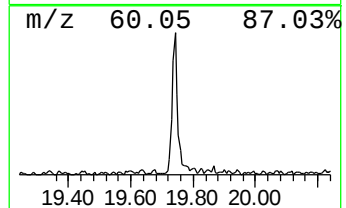
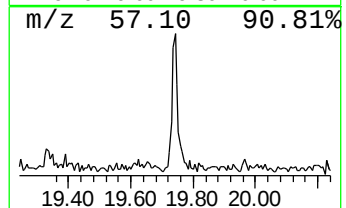
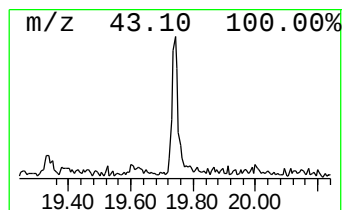
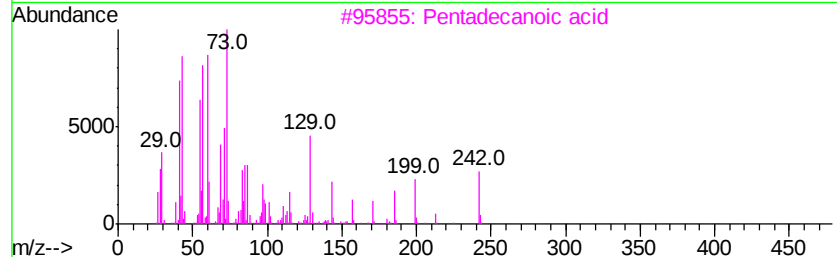
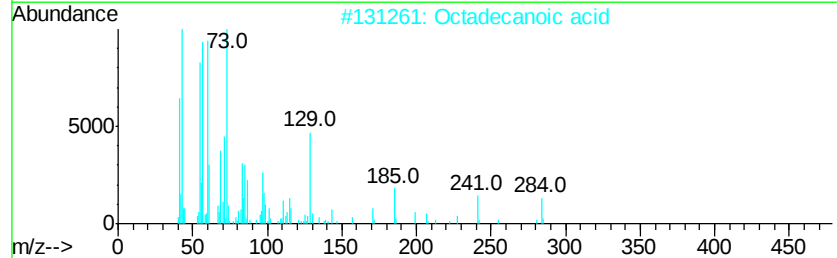
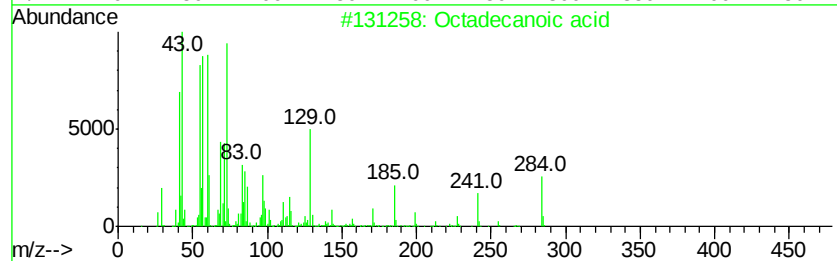
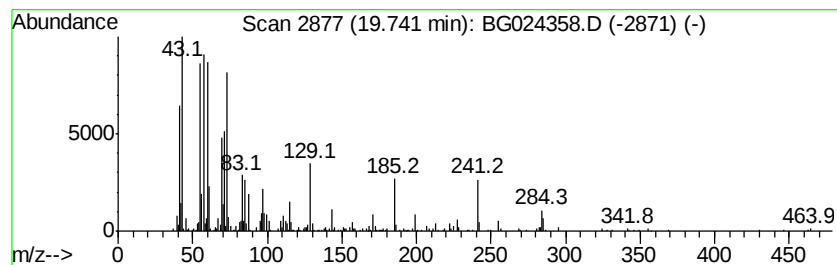
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.42 ng/ul	545640	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Octadecanoic acid	284	C18H36O2	000057-11-4	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	72
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101416\
Data File : BG024358.D
Acq On : 14 Oct 2016 19:06
Operator : UM/SJ
Sample : H5187-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC7

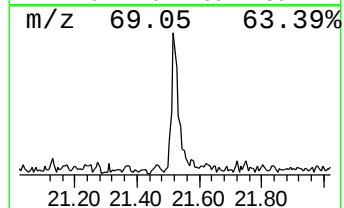
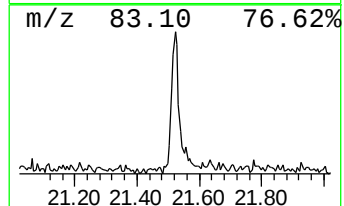
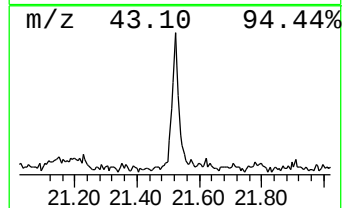
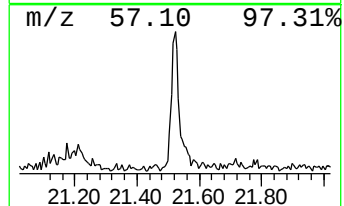
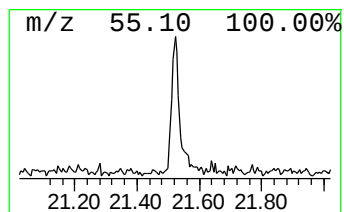
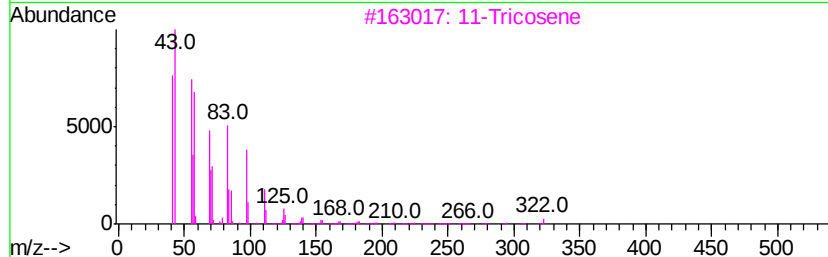
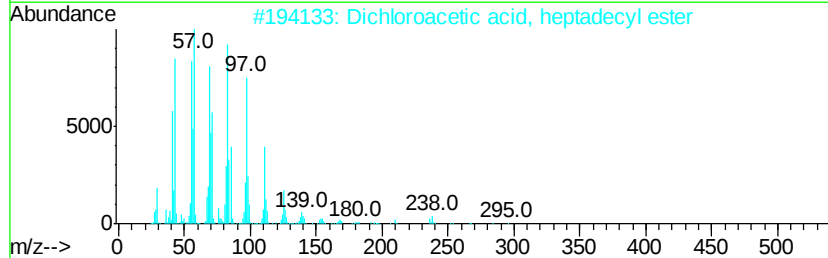
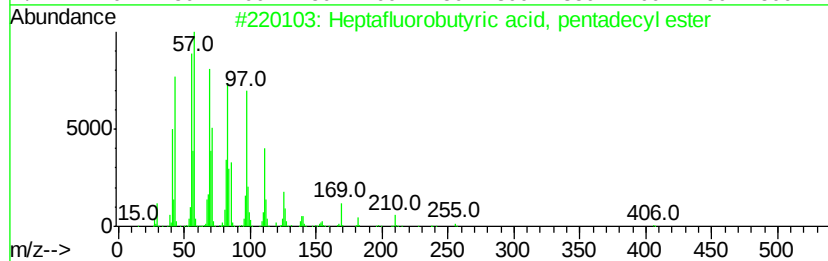
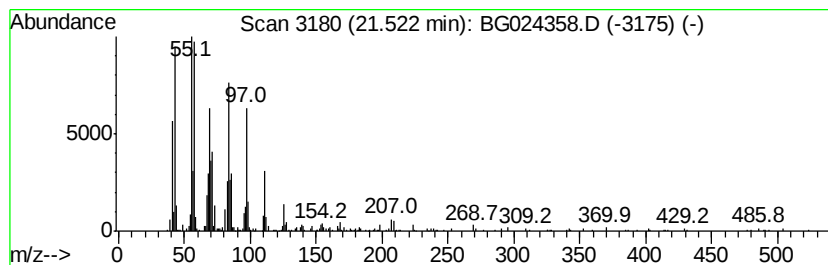
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.76 ng/ul	498260	Chrysene-d12	21.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentadecyl	424	C19H31F7O2	959261-23-5	91
2			Dichloroacetic acid, heptadecyl	366	C19H36Cl2O2	1000282-98-2	91
3			11-Tricosene	322	C23H46	052078-56-5	91
4			Pentafluoropropionic acid, pentadecyl	374	C18H31F5O2	959092-08-1	91
5			1-Docosene	308	C22H44	001599-67-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101416\
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Sample : H5187-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPC7

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	2.5	ng/ul	392025	4	17.64	3188990	20.0
n-Hexadecanoic acid	18.48	5.9	ng/ul	944778	4	17.64	3188990	20.0
Octadecanoic acid	19.74	3.4	ng/ul	545640	4	17.64	3188990	20.0
Heptafluorobutyri...	21.52	2.8	ng/ul	498260	5	21.93	3604530	20.0