

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024305.D
 Acq On : 12 Oct 2016 17:32
 Operator : UM/SJ
 Sample : H5145-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN85

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	3.636	134	136	147	rVB7	23226	52640	1.34%	0.108%
2	4.600	299	300	306	rVB4	10346	15028	0.38%	0.031%
3	5.305	415	420	422	rBV5	12078	18030	0.46%	0.037%
4	5.364	424	430	434	rVB6	18916	32074	0.82%	0.066%
5	6.186	565	570	573	rBV7	9387	16357	0.42%	0.034%
6	6.233	576	578	584	rVB5	11787	15243	0.39%	0.031%
7	6.309	587	591	593	rBV5	10352	14615	0.37%	0.030%
8	6.392	600	605	609	rBV7	9138	19306	0.49%	0.040%
9	6.968	699	703	706	rVB4	8964	14586	0.37%	0.030%
10	7.138	731	732	736	rBV3	10409	14333	0.37%	0.030%
11	7.414	772	779	790	rVB2	490620	967845	24.67%	1.993%
12	7.602	800	811	821	rBV	382841	681182	17.37%	1.403%
13	7.814	838	847	856	rBV2	478727	864310	22.03%	1.780%
14	8.290	919	928	945	rBV2	528671	958097	24.42%	1.973%
15	8.871	1023	1027	1029	rBV4	8921	12670	0.32%	0.026%
16	8.977	1036	1045	1054	rVV2	533327	980596	25.00%	2.020%
17	9.465	1119	1128	1134	rBV	536578	1019495	25.99%	2.100%
18	9.606	1148	1152	1158	rBV8	7774	17252	0.44%	0.036%
19	9.817	1181	1188	1193	rBV10	14793	38791	0.99%	0.080%
20	10.058	1227	1229	1236	rBV8	7444	14705	0.37%	0.030%
21	10.187	1244	1251	1260	rBV2	490340	901803	22.99%	1.857%
22	10.287	1264	1268	1274	rVB6	10258	19131	0.49%	0.039%
23	10.411	1288	1289	1295	rBV4	10055	14650	0.37%	0.030%
24	10.722	1331	1342	1355	rBV	711904	1328928	33.88%	2.737%
25	11.121	1401	1410	1420	rBV2	764866	1473781	37.57%	3.036%
26	11.245	1424	1431	1443	rVB2	529223	994616	25.36%	2.049%
27	11.498	1470	1474	1479	rBV6	7288	18514	0.47%	0.038%
28	11.891	1539	1541	1545	rVB4	11331	13580	0.35%	0.028%
29	11.956	1548	1552	1555	rVB5	9869	15333	0.39%	0.032%
30	12.185	1587	1591	1595	rVB6	10438	14769	0.38%	0.030%
31	12.373	1620	1623	1628	rBV5	16358	28777	0.73%	0.059%
32	12.414	1628	1630	1635	rVB5	10094	15820	0.40%	0.033%
33	12.473	1635	1640	1646	rBV7	10258	19875	0.51%	0.041%
34	12.684	1669	1676	1678	rBV5	18522	28326	0.72%	0.058%

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35	12.767	1684	1690	1693	rBV7	14502	20640	0.53%	0.043%
36	13.060	1739	1740	1747	rVB6	8851	14767	0.38%	0.030%
37	13.149	1750	1755	1760	rBV9	7630	16267	0.41%	0.034%
38	13.207	1763	1765	1771	rBV6	11216	15866	0.40%	0.033%
39	13.248	1771	1772	1777	rVB5	10485	12348	0.31%	0.025%
40	13.507	1811	1816	1819	rVB6	11545	16248	0.41%	0.033%
41	13.777	1856	1862	1866	rBV7	27297	50708	1.29%	0.104%
42	13.871	1877	1878	1885	rVB6	13779	18890	0.48%	0.039%
43	13.936	1885	1889	1892	rBV4	9156	15778	0.40%	0.032%
44	14.224	1932	1938	1940	rBV7	7903	15756	0.40%	0.032%
45	14.294	1943	1950	1955	rBV	1419343	2195138	55.96%	4.521%
46	14.341	1955	1958	1966	rVB	958320	1357763	34.61%	2.797%
47	14.453	1974	1977	1982	rVV5	8947	15498	0.40%	0.032%
48	14.529	1986	1990	1993	rVB5	12646	15138	0.39%	0.031%
49	14.600	1993	2002	2011	rBV	1518828	2491913	63.53%	5.133%
50	14.758	2025	2029	2037	rVB6	37336	59023	1.50%	0.122%
51	14.905	2046	2054	2063	rBV	1431176	2281348	58.16%	4.699%
52	15.064	2071	2081	2092	rBV	722376	1166148	29.73%	2.402%
53	15.205	2100	2105	2110	rBV7	14967	25124	0.64%	0.052%
54	15.264	2110	2115	2122	rVV8	18002	32412	0.83%	0.067%
55	15.375	2129	2134	2140	rBV9	16912	30108	0.77%	0.062%
56	15.446	2141	2146	2149	rVB8	15419	19261	0.49%	0.040%
57	15.557	2160	2165	2167	rVB6	9736	13426	0.34%	0.028%
58	15.593	2167	2171	2178	rBV10	13276	35373	0.90%	0.073%
59	15.669	2180	2184	2185	rBV3	11917	14352	0.37%	0.030%
60	15.704	2185	2190	2197	rVB2	105379	137415	3.50%	0.283%
61	15.757	2197	2199	2205	rBV7	12908	20507	0.52%	0.042%
62	15.804	2205	2207	2213	rBV7	10614	14584	0.37%	0.030%
63	15.892	2213	2222	2229	rBV	2030885	3260674	83.12%	6.716%
64	15.992	2231	2239	2250	rBV	643897	1026919	26.18%	2.115%
65	16.116	2250	2260	2271	rVV10	52437	154454	3.94%	0.318%
66	16.204	2273	2275	2279	rVB5	19318	21319	0.54%	0.044%
67	16.257	2280	2284	2290	rBV8	19741	35412	0.90%	0.073%
68	16.321	2294	2295	2300	rVB5	18240	18517	0.47%	0.038%
69	16.515	2323	2328	2331	rBV7	19082	23166	0.59%	0.048%
70	16.568	2331	2337	2348	rBV	147203	300701	7.67%	0.619%
71	16.838	2377	2383	2390	rVB	18031	47011	1.20%	0.097%

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72	16.909	2390	2395	2401	rBV9	25321	61607	1.57%	0.127%
73	17.079	2419	2424	2427	rBV7	17621	23183	0.59%	0.048%
74	17.355	2466	2471	2477	rVV2	105646	159510	4.07%	0.329%
75	17.402	2477	2479	2491	rVB6	26871	67386	1.72%	0.139%
76	17.643	2512	2520	2529	rBV2	1711987	2749152	70.08%	5.662%
77	17.743	2529	2537	2550	rVB2	2173964	3488129	88.92%	7.185%
78	17.978	2572	2577	2582	rVB9	18825	33803	0.86%	0.070%
79	18.096	2593	2597	2606	rVB10	33567	67553	1.72%	0.139%
80	18.172	2606	2610	2612	rBV5	11739	18401	0.47%	0.038%
81	18.272	2625	2627	2635	rVB9	14030	35415	0.90%	0.073%
82	18.372	2638	2644	2648	rBV8	25957	40304	1.03%	0.083%
83	18.489	2657	2664	2676	rBV	508166	706478	18.01%	1.455%
84	18.783	2711	2714	2717	rBV5	11653	13030	0.33%	0.027%
85	19.012	2750	2753	2755	rBV4	17117	14966	0.38%	0.031%
86	19.083	2762	2765	2767	rBV4	13514	15770	0.40%	0.032%
87	19.153	2772	2777	2779	rBV5	18936	34388	0.88%	0.071%
88	19.570	2846	2848	2851	rBV4	18191	22947	0.58%	0.047%
89	19.635	2856	2859	2867	rVB6	44792	89841	2.29%	0.185%
90	19.747	2874	2878	2886	rBV2	211070	279823	7.13%	0.576%
91	19.899	2900	2904	2909	rBV6	39309	53352	1.36%	0.110%
92	20.011	2915	2923	2934	rBV	2659969	3922676	100.00%	8.080%
93	21.527	3177	3181	3190	rBV	461425	707439	18.03%	1.457%
94	21.791	3223	3226	3232	rBV5	64669	100578	2.56%	0.207%
95	21.944	3244	3252	3261	rBV	1731722	3049486	77.74%	6.281%
96	23.707	3546	3552	3563	rVB5	113254	239866	6.11%	0.494%
97	24.353	3659	3662	3670	rVB9	85857	169233	4.31%	0.349%
98	25.146	3787	3797	3810	rVB2	1186683	3539716	90.24%	7.291%
99	25.387	3828	3838	3850	rVB2	1029901	3120843	79.56%	6.428%
100	26.597	4041	4044	4045	rBV3	62572	60747	1.55%	0.125%

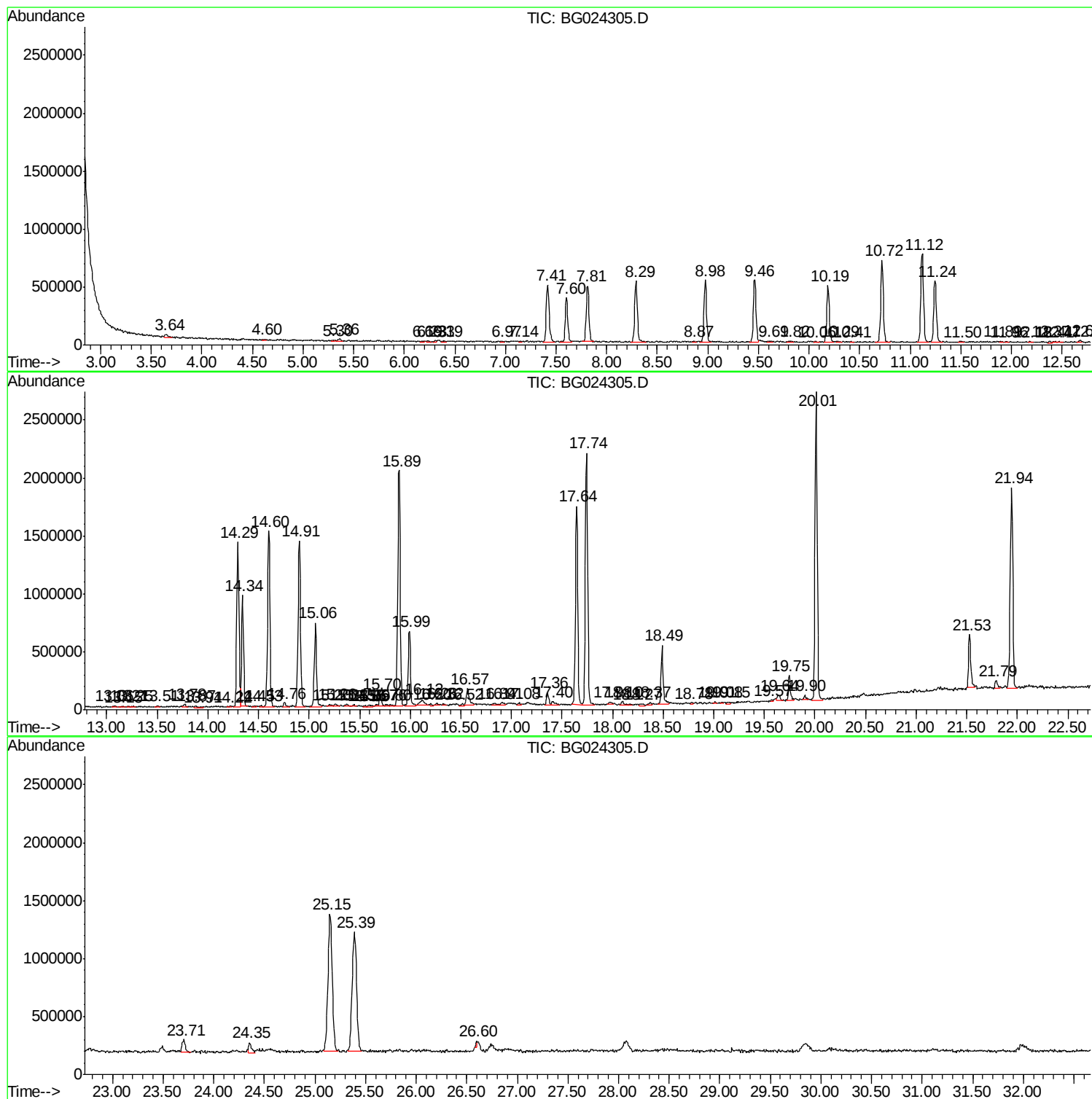
Sum of corrected areas: 48550652

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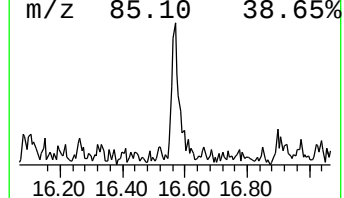
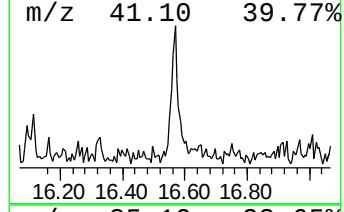
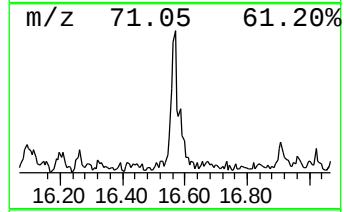
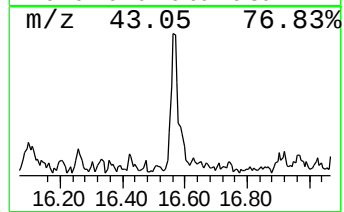
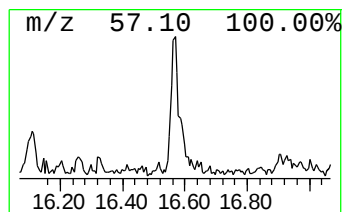
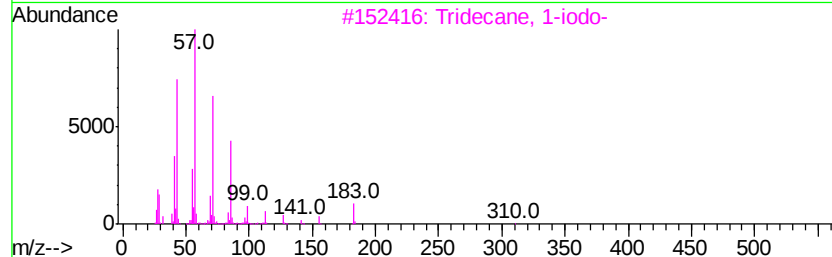
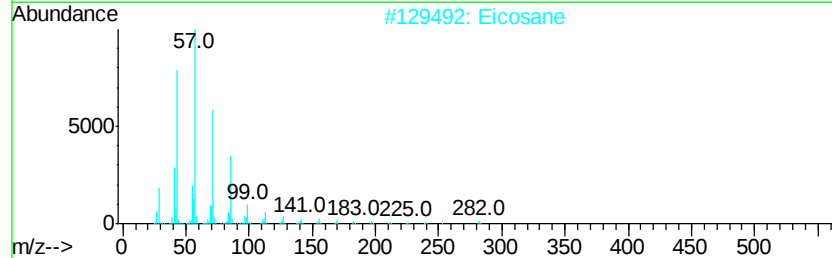
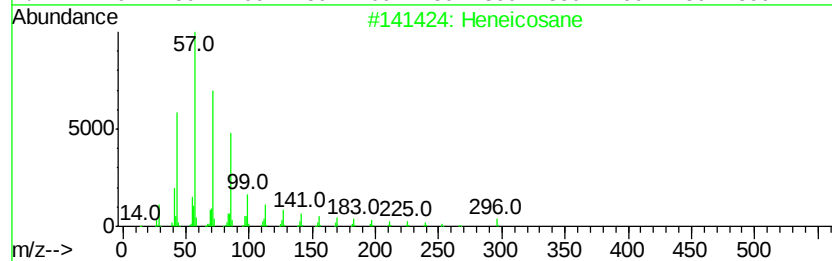
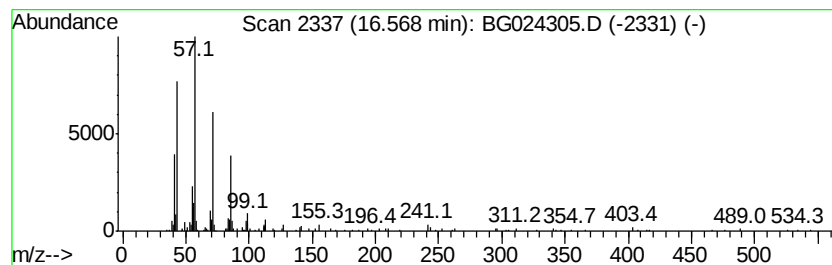
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	2.19 ng/ul	300701	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	81
2		Eicosane	282	C20H42	000112-95-8	74
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



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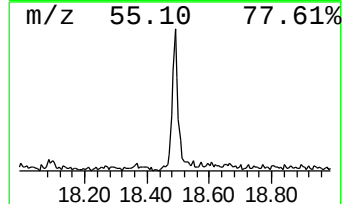
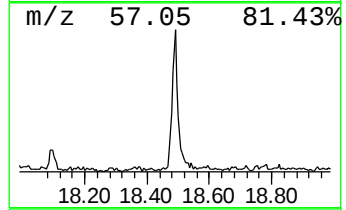
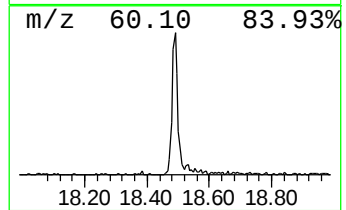
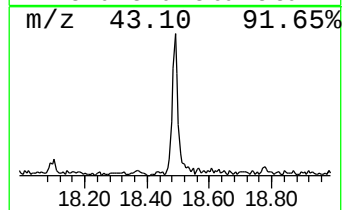
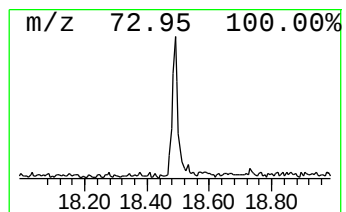
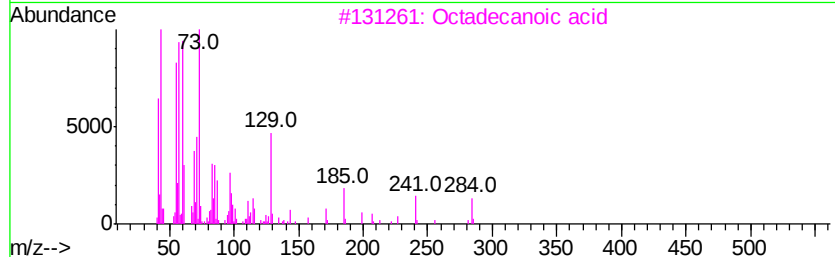
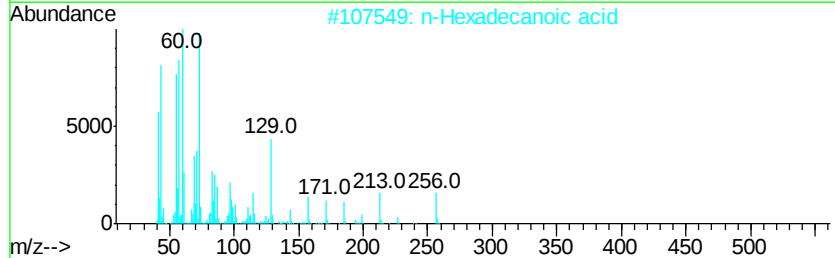
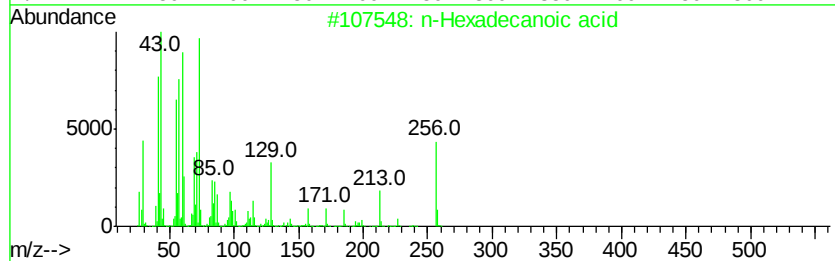
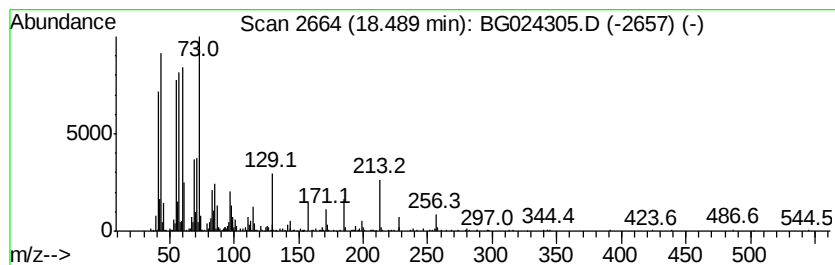
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.14 ng/ul	706478	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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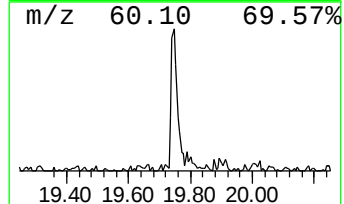
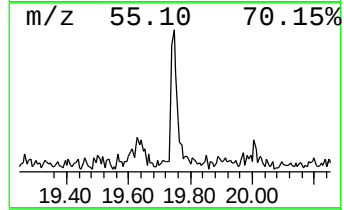
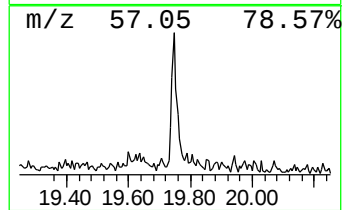
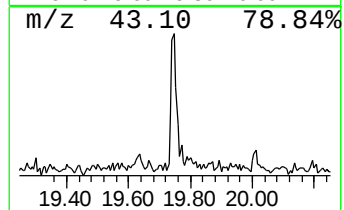
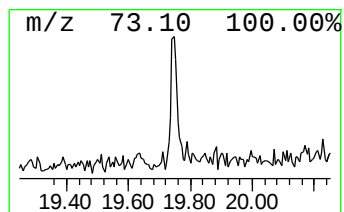
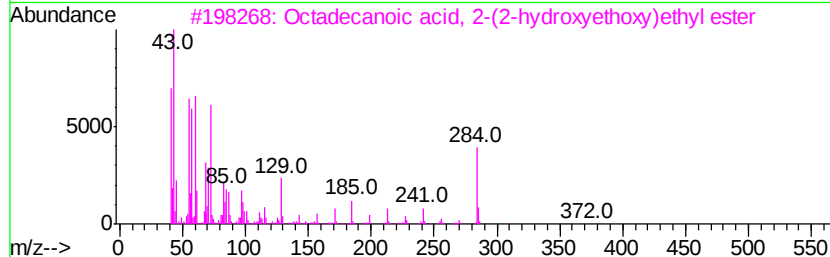
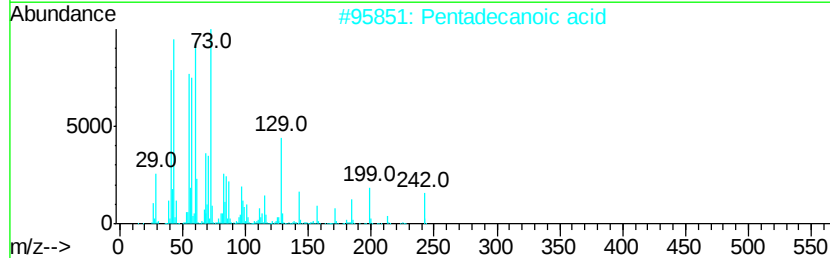
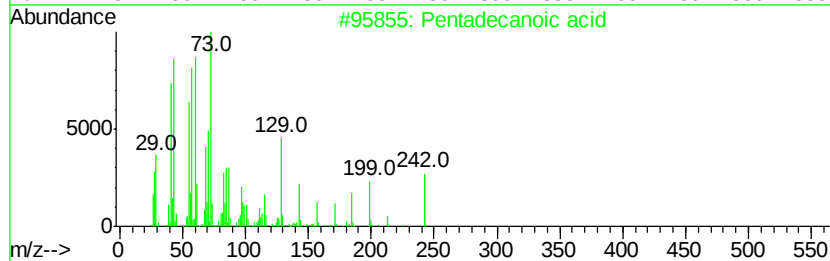
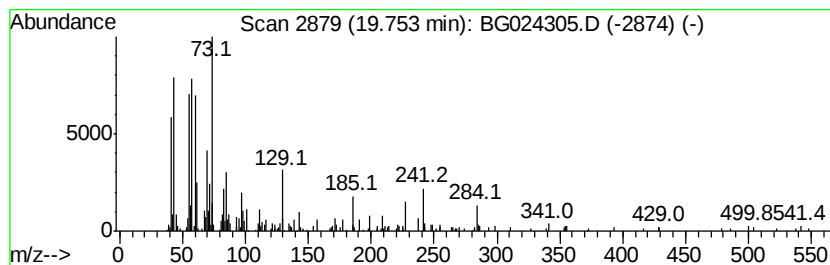
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Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.04 ng/ul	279823	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
4			Octadecanoic acid	284	C18H36O2	000057-11-4	64
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
Data File : BG024305.D
Acq On : 12 Oct 2016 17:32
Operator : UM/SJ
Sample : H5145-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN85

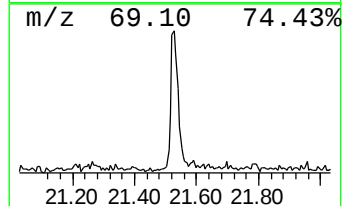
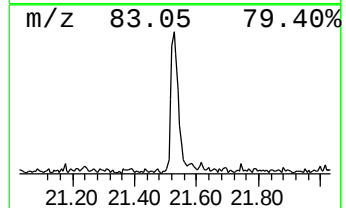
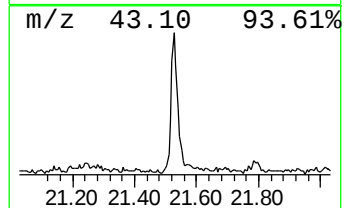
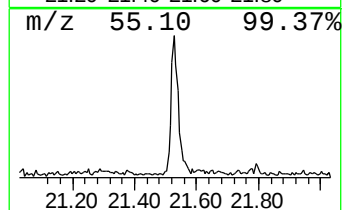
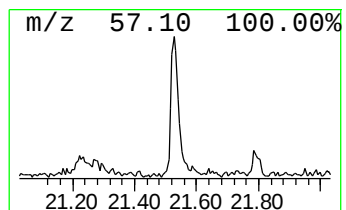
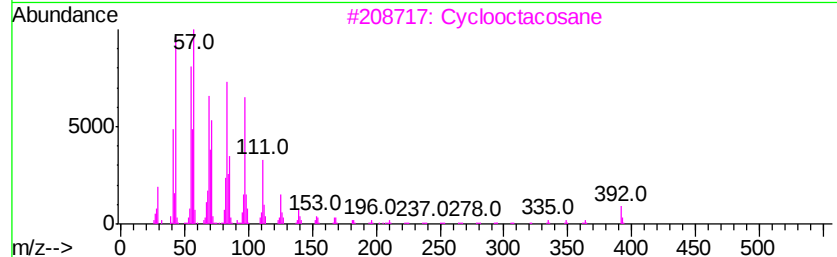
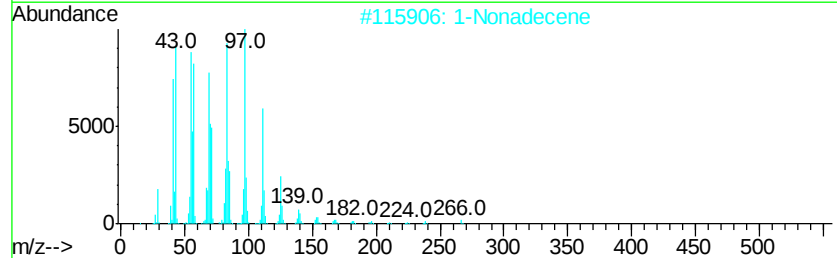
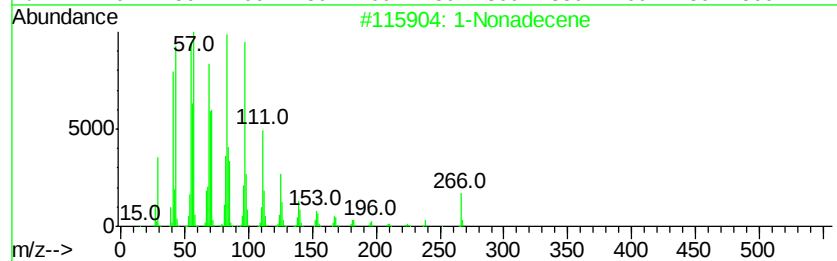
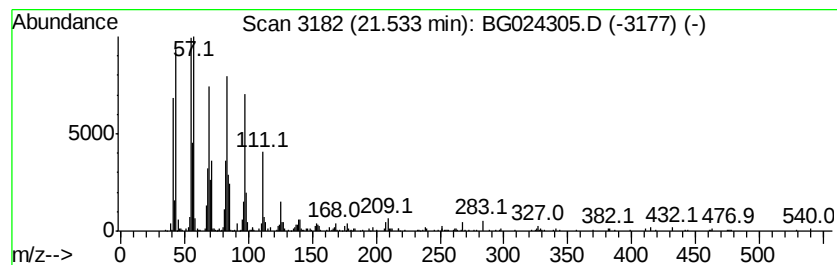
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	4.64 ng/ul	707439	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	95
2			1-Nonadecene	266	C19H38	018435-45-5	93
3			Cyclooctacosane	392	C28H56	000297-24-5	91
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5			1-Octadecanol	270	C18H38O	000112-92-5	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101216\
Data File : BG024305.D
Acq On : 12 Oct 2016 17:32
Operator : UM/SJ
Sample : H5145-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN85

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: Str...	16.57	2.2	ng/ul	300701	4	17.64	2749150	20.0
n-Hexadecanoic acid	18.49	5.1	ng/ul	706478	4	17.64	2749150	20.0
Pentadecanoic acid	19.75	2.0	ng/ul	279823	4	17.64	2749150	20.0
(DEL) Alkane: Cyc...	21.53	4.6	ng/ul	707439	5	21.94	3049490	20.0