

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025339.D
 Acq On : 20 Dec 2016 4:54
 Operator : UM/SJ
 Sample : H6069-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J1

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-BG113016.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	3.202	58	62	65	rBV4	10077	12762	0.73%	0.074%
2	4.600	297	300	305	rBV4	4859	7294	0.42%	0.042%
3	4.683	308	314	316	rBV5	3498	6919	0.40%	0.040%
4	4.806	329	335	337	rBV5	4249	7049	0.40%	0.041%
5	5.282	412	416	425	rBV6	8248	14165	0.81%	0.082%
6	5.358	425	429	434	rVB5	5345	9172	0.53%	0.053%
7	5.958	527	531	536	rVB4	5619	10568	0.60%	0.061%
8	6.339	594	596	604	rVB4	5378	9434	0.54%	0.054%
9	6.904	687	692	696	rVB3	4771	10696	0.61%	0.062%
10	7.180	733	739	741	rVB4	4490	7428	0.43%	0.043%
11	7.221	741	746	748	rBV3	5291	8299	0.48%	0.048%
12	7.385	767	774	789	rBV4	122841	301057	17.23%	1.739%
13	7.538	793	800	810	rBV	90103	163013	9.33%	0.942%
14	7.750	829	836	847	rBV2	121831	246602	14.12%	1.424%
15	8.026	876	883	888	rVV6	3650	8826	0.51%	0.051%
16	8.155	900	905	908	rBV4	4690	8137	0.47%	0.047%
17	8.220	908	916	928	rBV2	226086	428661	24.54%	2.476%
18	8.337	933	936	941	rVB5	7054	9393	0.54%	0.054%
19	8.643	983	988	990	rBV3	4092	7286	0.42%	0.042%
20	8.837	1018	1021	1027	rBV5	6942	11188	0.64%	0.065%
21	8.936	1027	1038	1050	rBV2	130472	296976	17.00%	1.715%
22	9.066	1056	1060	1063	rVB3	6548	8411	0.48%	0.049%
23	9.119	1067	1069	1072	rVB	5100	6679	0.38%	0.039%
24	9.142	1072	1073	1077	rBV2	7315	8311	0.48%	0.048%
25	9.406	1110	1118	1129	rVB2	132752	263480	15.08%	1.522%
26	9.501	1129	1134	1141	rBV6	5863	13111	0.75%	0.076%
27	9.712	1165	1170	1177	rBV5	6985	12699	0.73%	0.073%
28	10.129	1232	1241	1254	rVB2	114289	236599	13.54%	1.367%
29	10.681	1326	1335	1349	rBV2	153750	336029	19.24%	1.941%
30	10.963	1379	1383	1389	rVB5	6485	10746	0.62%	0.062%
31	11.046	1389	1397	1411	rBV	333707	630415	36.09%	3.641%
32	11.198	1415	1423	1436	rBV2	114554	272750	15.61%	1.575%
33	11.351	1447	1449	1454	rBV3	4611	8649	0.50%	0.050%
34	11.651	1495	1500	1503	rVB4	5074	6785	0.39%	0.039%

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35	11.821	1524	1529	1530	rBV4	4378	7325	0.42%	0.042%
36	12.244	1598	1601	1605	rVB2	5188	6866	0.39%	0.040%
37	12.397	1622	1627	1636	rVB4	19551	38592	2.21%	0.223%
38	12.697	1674	1678	1682	rBV4	8793	13733	0.79%	0.079%
39	12.850	1702	1704	1710	rBV3	5494	7017	0.40%	0.041%
40	12.908	1710	1714	1718	rBV3	7295	9202	0.53%	0.053%
41	13.437	1797	1804	1809	rBV6	6661	12166	0.70%	0.070%
42	13.631	1831	1837	1843	rBV6	5555	14684	0.84%	0.085%
43	13.678	1843	1845	1852	rBV4	6064	11820	0.68%	0.068%
44	14.001	1894	1900	1902	rBV5	6210	11239	0.64%	0.065%
45	14.030	1902	1905	1914	rVB10	6769	13599	0.78%	0.079%
46	14.236	1934	1940	1945	rVV	374892	582492	33.34%	3.365%
47	14.289	1945	1949	1959	rVB	103853	174054	9.96%	1.005%
48	14.401	1965	1968	1971	rVB3	6104	7553	0.43%	0.044%
49	14.542	1983	1992	2003	rBV	364882	610527	34.95%	3.527%
50	14.683	2013	2016	2024	rBV4	12924	27178	1.56%	0.157%
51	14.841	2037	2043	2053	rBV	583194	939016	53.75%	5.424%
52	15.135	2086	2093	2096	rBV7	9812	23174	1.33%	0.134%
53	15.247	2106	2112	2116	rBV7	9299	17407	1.00%	0.101%
54	15.305	2120	2122	2129	rVB6	8790	12619	0.72%	0.073%
55	15.358	2129	2131	2136	rBV6	4311	6991	0.40%	0.040%
56	15.493	2151	2154	2156	rBV3	6218	7514	0.43%	0.043%
57	15.587	2163	2170	2172	rBV4	6886	8963	0.51%	0.052%
58	15.629	2172	2177	2183	rVB5	31176	49862	2.85%	0.288%
59	15.834	2204	2212	2226	rBV	492574	831752	47.61%	4.804%
60	15.987	2235	2238	2243	rBV5	8881	15457	0.88%	0.089%
61	16.034	2243	2246	2249	rVB4	11377	17422	1.00%	0.101%
62	16.075	2249	2253	2257	rBV4	11612	18489	1.06%	0.107%
63	16.181	2265	2271	2277	rBV8	11918	24922	1.43%	0.144%
64	16.257	2280	2284	2285	rBV2	6074	8013	0.46%	0.046%
65	16.340	2291	2298	2305	rBV7	8506	18272	1.05%	0.106%
66	16.492	2318	2324	2332	rBV3	36826	71972	4.12%	0.416%
67	16.680	2353	2356	2360	rVB5	6530	8551	0.49%	0.049%
68	16.780	2364	2373	2377	rBV9	7114	21081	1.21%	0.122%
69	16.892	2390	2392	2396	rVB5	9117	11073	0.63%	0.064%
70	16.951	2398	2402	2406	rBV7	5153	9302	0.53%	0.054%
71	17.109	2427	2429	2436	rVB7	4941	7673	0.44%	0.044%

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72	17.280	2452	2458	2462	rBV2	34370	43343	2.48%	0.250%
73	17.327	2463	2466	2470	rVB4	11315	15757	0.90%	0.091%
74	17.374	2471	2474	2480	rVV6	9217	15955	0.91%	0.092%
75	17.591	2504	2511	2522	rBV	827756	1317751	75.43%	7.612%
76	17.691	2522	2528	2539	rVB2	566728	947681	54.25%	5.474%
77	17.826	2549	2551	2555	rBV5	8340	7496	0.43%	0.043%
78	18.014	2579	2583	2588	rBV4	30755	43973	2.52%	0.254%
79	18.220	2614	2618	2623	rBV8	13784	20397	1.17%	0.118%
80	18.308	2626	2633	2635	rBV7	6273	14050	0.80%	0.081%
81	18.384	2642	2646	2647	rVB4	8269	10128	0.58%	0.059%
82	18.425	2648	2653	2657	rBV7	38695	59738	3.42%	0.345%
83	18.508	2663	2667	2672	rVB7	21211	36144	2.07%	0.209%
84	18.701	2695	2700	2703	rVB4	23053	30034	1.72%	0.173%
85	19.072	2759	2763	2770	rBV2	32464	61150	3.50%	0.353%
86	19.289	2797	2800	2802	rBV4	13682	16252	0.93%	0.094%
87	19.324	2803	2806	2810	rVV2	44090	48571	2.78%	0.281%
88	19.894	2899	2903	2907	rVB2	98364	114753	6.57%	0.663%
89	19.965	2909	2915	2926	rVB	859541	1323608	75.77%	7.646%
90	20.053	2928	2930	2935	rVB6	24214	25227	1.44%	0.146%
91	20.423	2988	2993	3000	rVB	161930	218880	12.53%	1.264%
92	20.541	3011	3013	3021	rVB9	35704	52489	3.00%	0.303%
93	20.776	3051	3053	3059	rVB5	28138	37538	2.15%	0.217%
94	20.922	3072	3078	3085	rVB	147436	226052	12.94%	1.306%
95	21.439	3162	3166	3177	rVB3	113436	212144	12.14%	1.225%
96	21.886	3234	3242	3254	rVB	956657	1746924	100.00%	10.091%
97	24.183	3630	3633	3641	rVB6	42282	89875	5.14%	0.519%
98	25.065	3772	3783	3794	rBV2	456319	1360128	77.86%	7.856%
99	25.300	3813	3823	3836	rVB2	567652	1703280	97.50%	9.839%
100	25.864	3909	3919	3928	rBV4	154402	435716	24.94%	2.517%

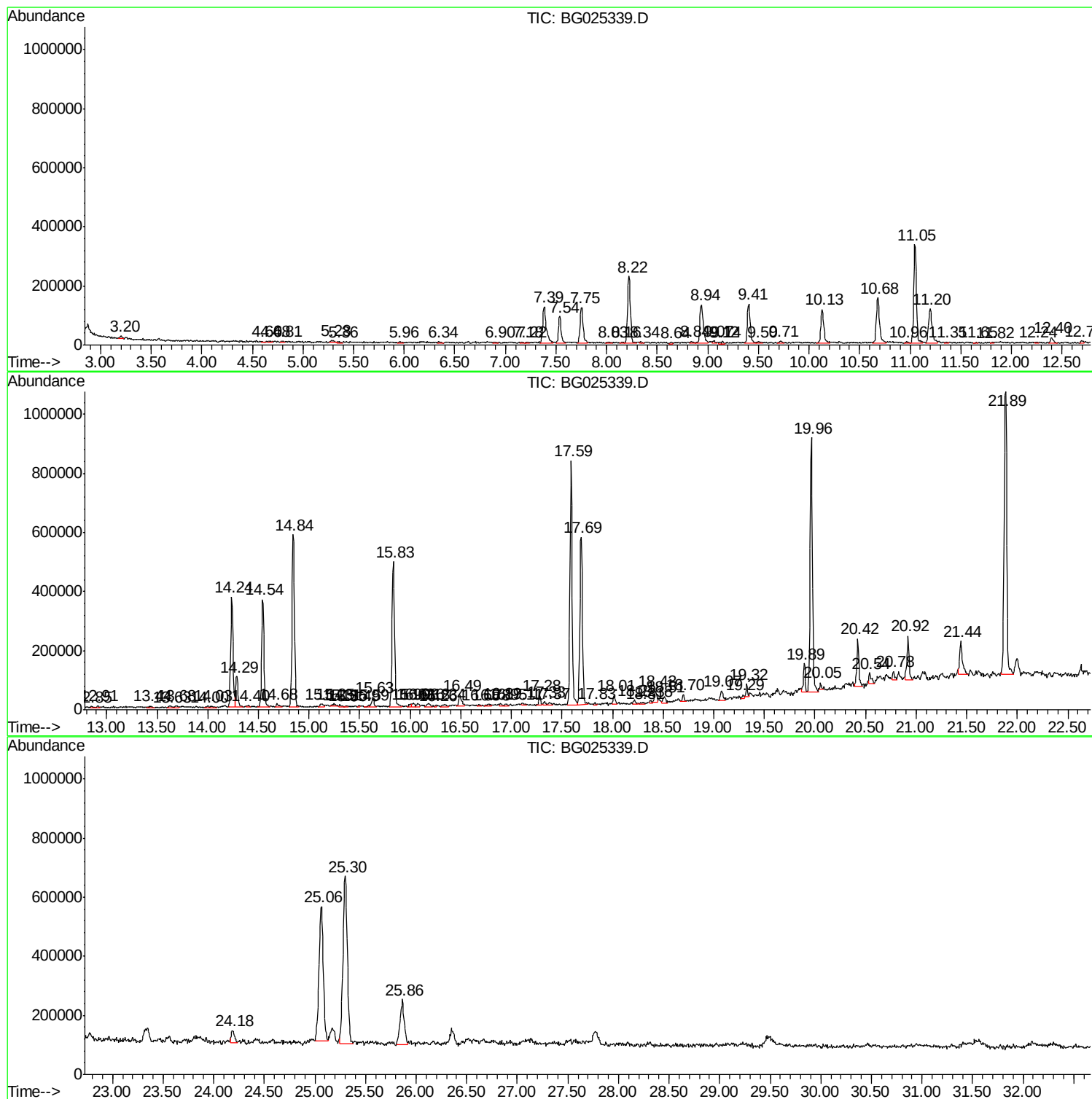
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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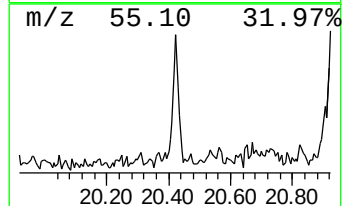
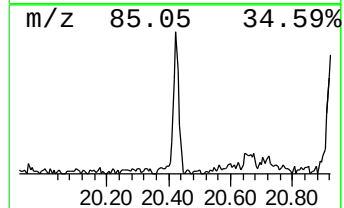
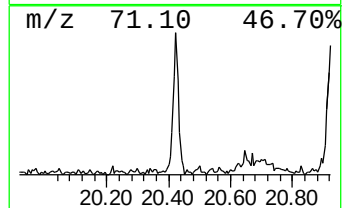
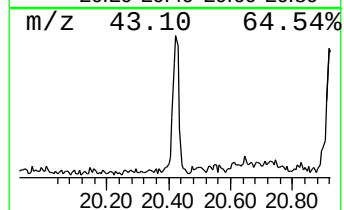
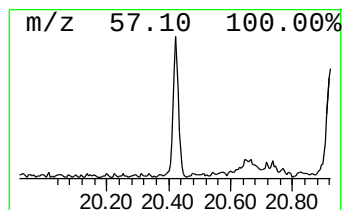
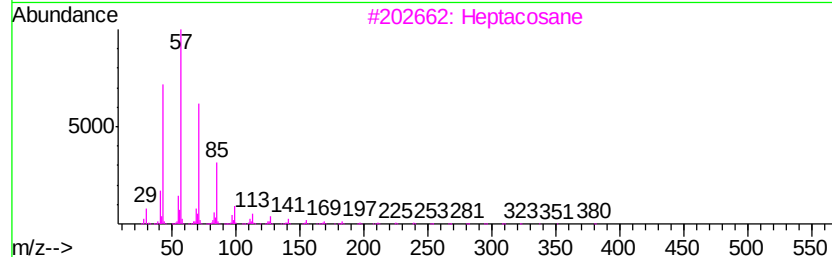
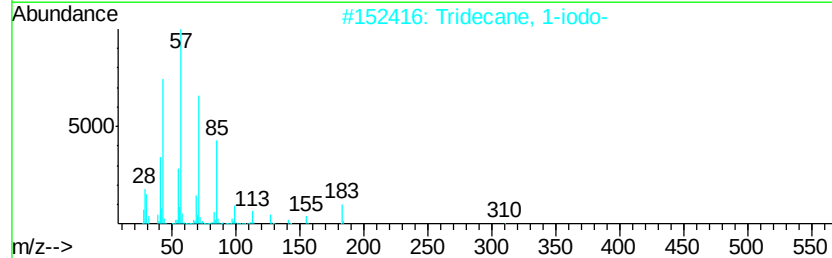
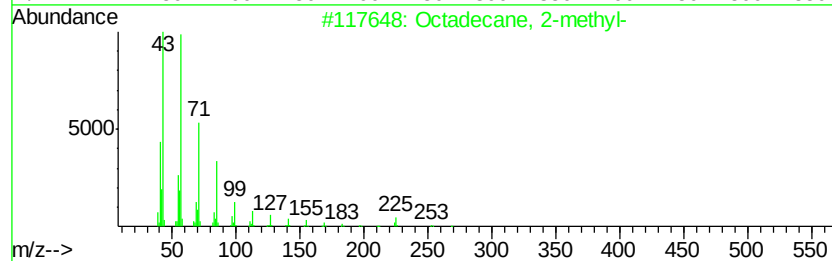
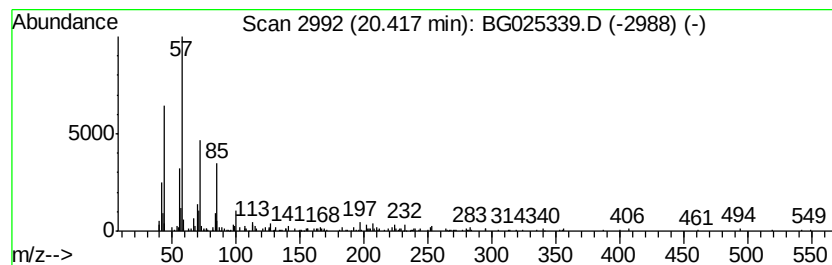
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.	
20.42	2.51 ng/ul	218880	Chrysene-d12	21.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Heptacosane	380	C27H56	000593-49-7	58
4	Pentadecane	212	C15H32	000629-62-9	55
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



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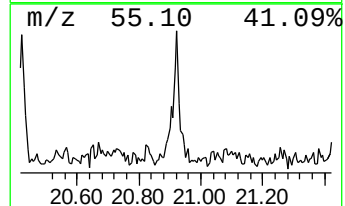
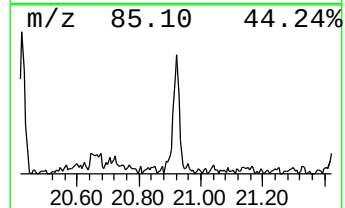
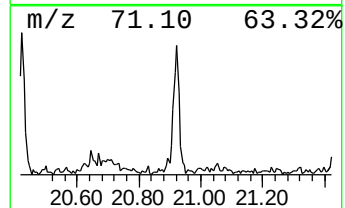
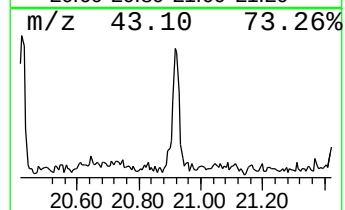
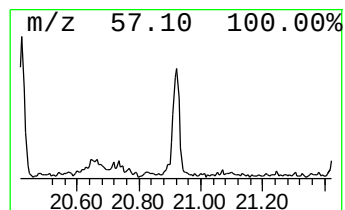
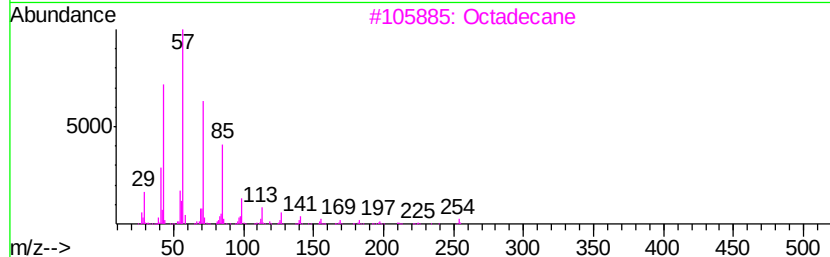
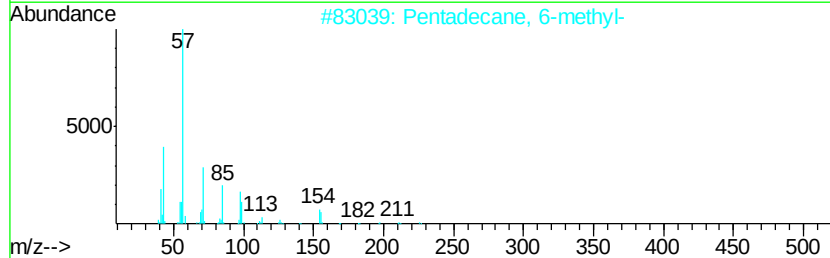
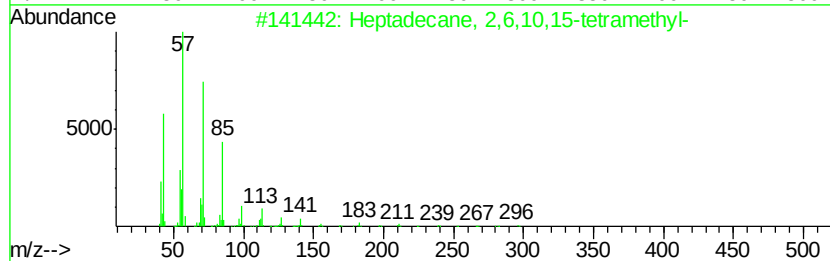
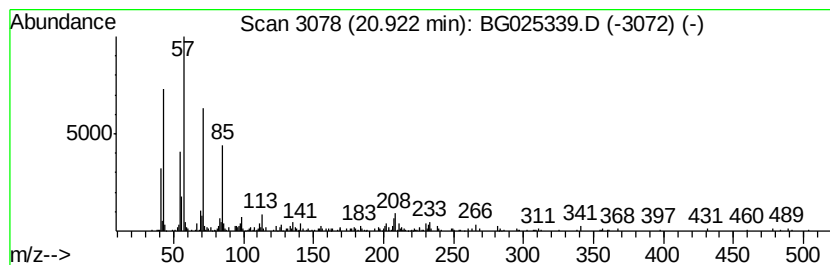
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.59 ng/ul	226052	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
2		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	62
3		Octadecane	254	C18H38	000593-45-3	58
4		Heptacosane	380	C27H56	000593-49-7	58
5		Hexadecane	226	C16H34	000544-76-3	50



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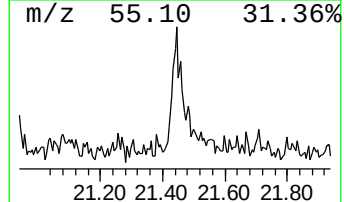
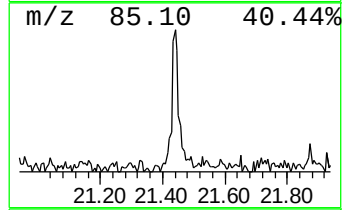
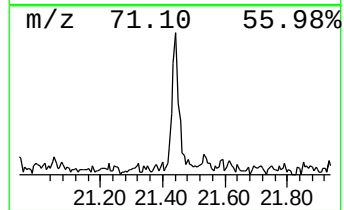
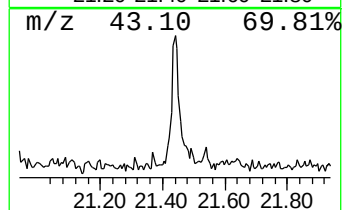
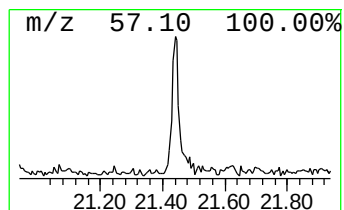
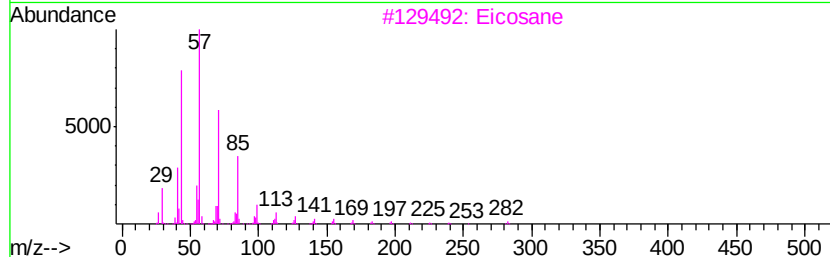
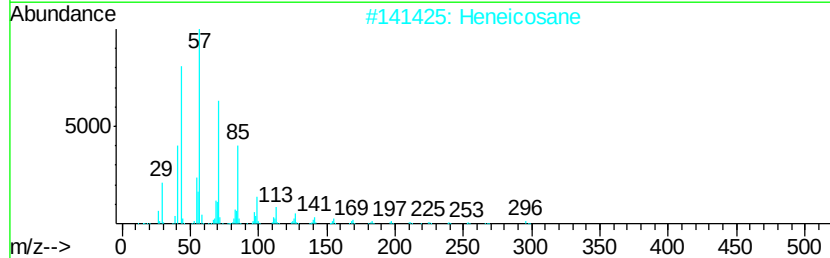
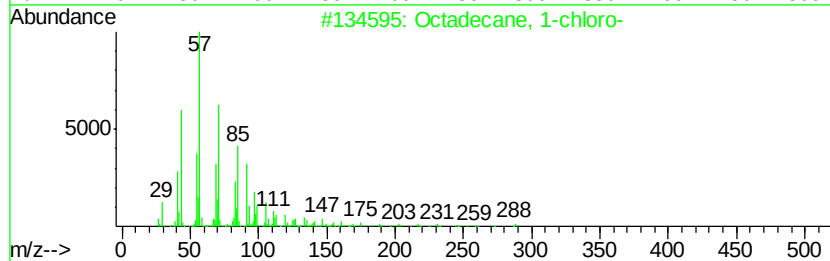
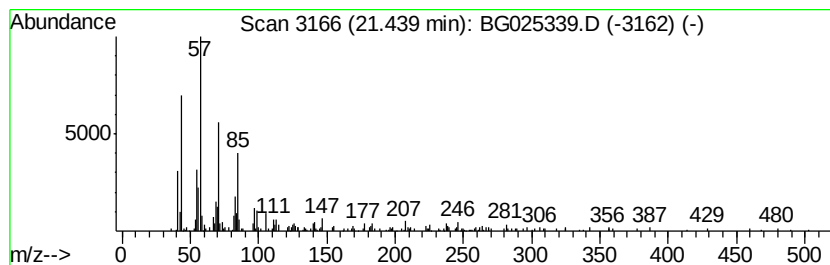
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Peak Number 3 Octadecane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.43 ng/ul	212144	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2	89
2	Heneicosane	296 C21H44	000629-94-7	89
3	Eicosane	282 C20H42	000112-95-8	89
4	Tricosane, 2-methyl-	338 C24H50	001928-30-9	89
5	Hexadecane	226 C16H34	000544-76-3	89



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J1

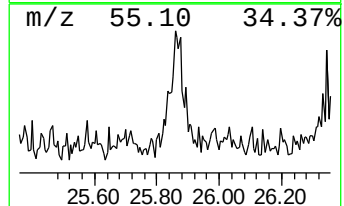
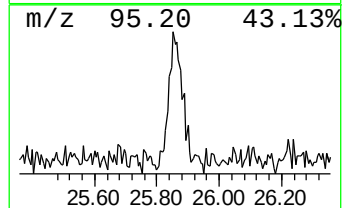
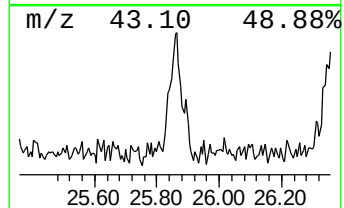
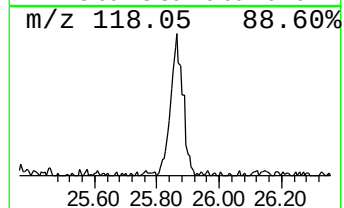
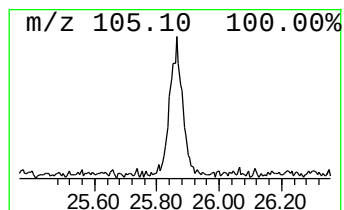
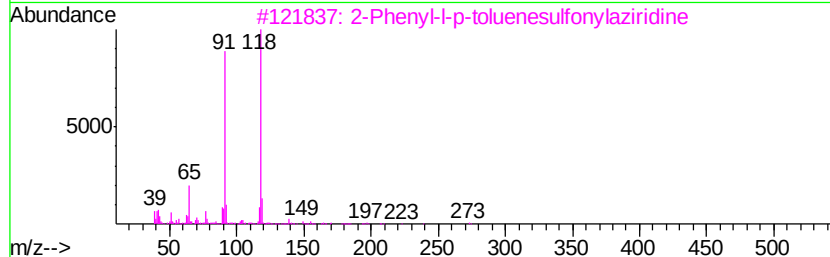
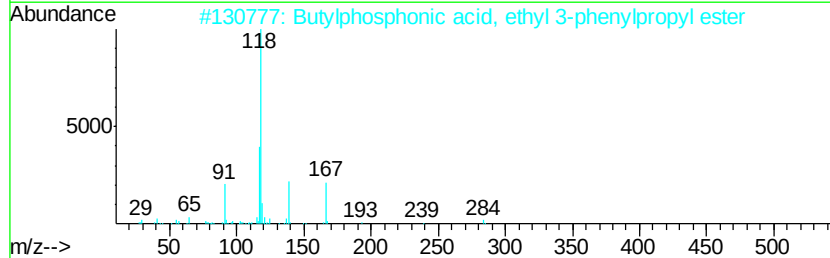
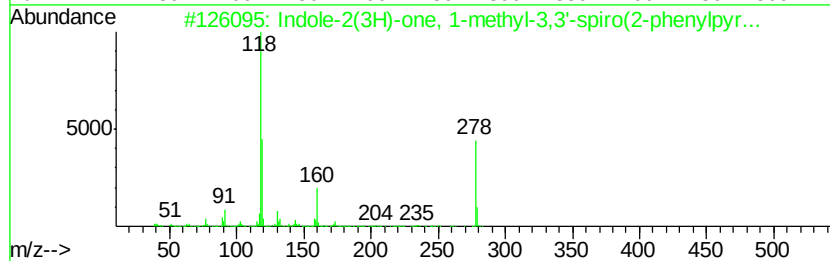
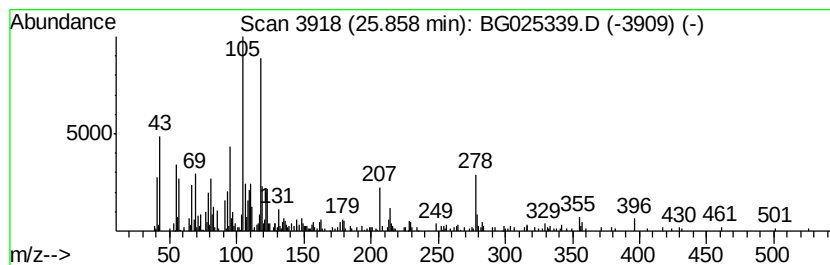
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	5.12 ng/ul	435716	Perylene-d12	25.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indole-2(3H)-one, 1-methyl-3,3'-...	278	C18H18N2O	132962-61-9	38
2		Butylphosphonic acid, ethyl 3-ph...	284	C15H25O3P	1000322-90-7	30
3		2-Phenyl-l-p-toluenesulfonylazir...	273	C15H15N02S	024395-14-0	30
4		Butylphosphonic acid, isobutyl 3...	312	C17H29O3P	1000322-90-9	27
5		Nicotinic acid, 3-phenylpropyl e...	241	C15H15N02	1000308-37-0	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025339.D
Acq On : 20 Dec 2016 4:54
Operator : UM/SJ
Sample : H6069-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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...	20.42	2.5	ng/ul	218880	5	21.89	1746920	20.0
(DEL) Alkane: Str...	20.92	2.6	ng/ul	226052	5	21.89	1746920	20.0
Octadecane, 1-chl...	21.44	2.4	ng/ul	212144	5	21.89	1746920	20.0
unknown-01	25.86	5.1	ng/ul	435716	6	25.29	1703280	20.0