

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025119.D
 Acq On : 12 Dec 2016 18:08
 Operator : UM/SJ
 Sample : H5992-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS027-1218-03

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	2.900	7	10	20	rVB3	36772	87759	3.38%	0.271%
2	3.276	69	74	78	rBV5	15343	27307	1.05%	0.084%
3	3.587	122	127	132	rBV5	20476	36932	1.42%	0.114%
4	3.687	143	144	149	rVB3	6410	7978	0.31%	0.025%
5	3.799	162	163	168	rVB5	6586	8301	0.32%	0.026%
6	3.846	168	171	173	rBV4	7988	8284	0.32%	0.026%
7	3.981	188	194	196	rBV4	3875	8458	0.33%	0.026%
8	4.134	216	220	224	rVB5	13014	18777	0.72%	0.058%
9	4.375	254	261	264	rBV7	6020	10605	0.41%	0.033%
10	4.874	342	346	350	rBV7	8709	12400	0.48%	0.038%
11	5.303	414	419	423	rBV4	12070	22815	0.88%	0.071%
12	5.509	453	454	459	rVB3	6104	7694	0.30%	0.024%
13	5.691	483	485	491	rBV6	4895	8444	0.33%	0.026%
14	6.649	645	648	653	rVB4	6050	11625	0.45%	0.036%
15	6.737	660	663	670	rVB6	5272	12146	0.47%	0.038%
16	7.183	732	739	740	rBV3	4947	7945	0.31%	0.025%
17	7.295	754	758	762	rVB7	5048	9645	0.37%	0.030%
18	7.383	766	773	787	rBV2	401798	912364	35.16%	2.821%
19	7.553	795	802	812	rVB	278199	487861	18.80%	1.509%
20	7.765	830	838	848	rBV2	380466	714760	27.54%	2.210%
21	8.047	884	886	890	rBV4	8764	10751	0.41%	0.033%
22	8.100	893	895	901	rVB5	5582	9400	0.36%	0.029%
23	8.241	911	919	928	rBV	304220	562103	21.66%	1.738%
24	8.940	1031	1038	1058	rVB2	526763	990257	38.16%	3.062%
25	9.416	1111	1119	1129	rBV	418345	801681	30.89%	2.479%
26	9.739	1171	1174	1179	rVB4	7421	12091	0.47%	0.037%
27	9.815	1183	1187	1190	rBV5	7085	11363	0.44%	0.035%
28	9.980	1210	1215	1221	rVB5	4985	10685	0.41%	0.033%
29	10.144	1234	1243	1256	rBV2	375149	751743	28.97%	2.325%
30	10.520	1304	1307	1312	rBV4	6481	8086	0.31%	0.025%
31	10.685	1323	1335	1350	rBV	557800	1128700	43.49%	3.490%
32	11.067	1388	1400	1413	rBV	483097	926033	35.68%	2.864%
33	11.202	1413	1423	1437	rBV2	447889	914160	35.23%	2.827%
34	11.355	1447	1449	1453	rVB2	9169	8968	0.35%	0.028%

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35	11.449	1460	1465	1468	rVB3	6338	9397	0.36%	0.029%
36	11.649	1497	1499	1504	rBV4	7032	10449	0.40%	0.032%
37	12.342	1616	1617	1622	rVB3	6081	8339	0.32%	0.026%
38	12.383	1622	1624	1630	rBV5	4999	9079	0.35%	0.028%
39	12.530	1646	1649	1653	rVV4	5045	7951	0.31%	0.025%
40	12.636	1660	1667	1674	rVB7	12151	24019	0.93%	0.074%
41	12.759	1685	1688	1691	rBV3	7494	7874	0.30%	0.024%
42	12.847	1698	1703	1709	rBV4	4848	10667	0.41%	0.033%
43	13.082	1736	1743	1744	rBV2	4776	9488	0.37%	0.029%
44	13.211	1761	1765	1769	rVV7	8077	14694	0.57%	0.045%
45	13.282	1774	1777	1782	rBV3	6746	9969	0.38%	0.031%
46	13.458	1802	1807	1812	rVB6	7813	15867	0.61%	0.049%
47	13.634	1835	1837	1842	rBV4	5975	12449	0.48%	0.038%
48	13.723	1848	1852	1857	rBV3	8139	15586	0.60%	0.048%
49	14.040	1900	1906	1908	rBV4	5580	8143	0.31%	0.025%
50	14.075	1911	1912	1919	rVB4	5867	7868	0.30%	0.024%
51	14.169	1922	1928	1929	rBV4	5177	9224	0.36%	0.029%
52	14.199	1929	1933	1934	rVV3	7471	8345	0.32%	0.026%
53	14.251	1934	1942	1947	rVV	1029146	1577875	60.80%	4.879%
54	14.298	1947	1950	1964	rVB	176475	269122	10.37%	0.832%
55	14.557	1988	1994	2009	rBV	969913	1657725	63.88%	5.126%
56	14.704	2015	2019	2025	rBV6	13483	21022	0.81%	0.065%
57	14.804	2029	2036	2038	rBV6	11796	17271	0.67%	0.053%
58	14.862	2038	2046	2056	rVV	751989	1259534	48.54%	3.895%
59	15.056	2071	2079	2099	rBV	367823	798680	30.78%	2.470%
60	15.233	2102	2109	2115	rVB10	16315	35933	1.38%	0.111%
61	15.315	2120	2123	2129	rVB5	9552	13893	0.54%	0.043%
62	15.462	2145	2148	2150	rBV4	7363	8697	0.34%	0.027%
63	15.609	2168	2173	2175	rBV4	13511	19021	0.73%	0.059%
64	15.650	2175	2180	2185	rVB4	43652	58305	2.25%	0.180%
65	15.697	2186	2188	2194	rVB6	9591	15382	0.59%	0.048%
66	15.744	2194	2196	2200	rBV3	10936	11060	0.43%	0.034%
67	15.850	2205	2214	2226	rBV	1434280	2278685	87.81%	7.046%
68	15.967	2228	2234	2243	rBV	516875	823417	31.73%	2.546%
69	16.055	2246	2249	2251	rBV3	7130	8831	0.34%	0.027%
70	16.085	2251	2254	2262	rVB7	25280	48211	1.86%	0.149%
71	16.155	2262	2266	2268	rBV3	13333	14372	0.55%	0.044%

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72	16.208	2272	2275	2279	rVB6	9386	9110	0.35%	0.028%
73	16.267	2283	2285	2290	rBV6	8525	10128	0.39%	0.031%
74	16.419	2309	2311	2313	rBV2	9161	7939	0.31%	0.025%
75	16.508	2317	2326	2337	rBV	60219	131124	5.05%	0.405%
76	16.607	2341	2343	2346	rBV4	7291	10100	0.39%	0.031%
77	16.843	2381	2383	2387	rBV4	9653	10681	0.41%	0.033%
78	16.954	2399	2402	2410	rVB10	17557	39528	1.52%	0.122%
79	17.019	2410	2413	2416	rVB4	11467	10887	0.42%	0.034%
80	17.078	2416	2423	2426	rBV7	11400	24661	0.95%	0.076%
81	17.136	2430	2433	2438	rVB7	14006	23528	0.91%	0.073%
82	17.177	2438	2440	2443	rBV4	9171	11074	0.43%	0.034%
83	17.301	2457	2461	2465	rBV4	43912	63696	2.45%	0.197%
84	17.354	2467	2470	2473	rBV5	15124	14604	0.56%	0.045%
85	17.459	2482	2488	2493	rBV9	13935	31455	1.21%	0.097%
86	17.606	2506	2513	2523	rBV	1017678	1602979	61.77%	4.957%
87	17.700	2523	2529	2539	rVV	1453287	2325053	89.60%	7.190%
88	17.906	2561	2564	2566	rBV4	10684	12061	0.46%	0.037%
89	17.941	2566	2570	2572	rBV5	12299	17037	0.66%	0.053%
90	18.041	2582	2587	2594	rBV10	22469	33631	1.30%	0.104%
91	18.329	2632	2636	2643	rBV10	12808	25647	0.99%	0.079%
92	18.441	2651	2655	2666	rBV3	267538	408273	15.73%	1.262%
93	19.698	2865	2869	2878	rBV	147322	235626	9.08%	0.729%
94	19.974	2909	2916	2925	rBV	1693770	2595055	100.00%	8.025%
95	21.478	3168	3172	3182	rVB	75542	204141	7.87%	0.631%
96	21.895	3237	3243	3250	rBV	1000849	1781787	68.66%	5.510%
97	23.388	3492	3497	3507	rVB5	184442	395170	15.23%	1.222%
98	24.228	3636	3640	3648	rVB4	103944	229804	8.86%	0.711%
99	25.086	3776	3786	3800	rVB2	783519	2423194	93.38%	7.493%
100	25.315	3817	3825	3843	rVB2	630714	1946140	74.99%	6.018%

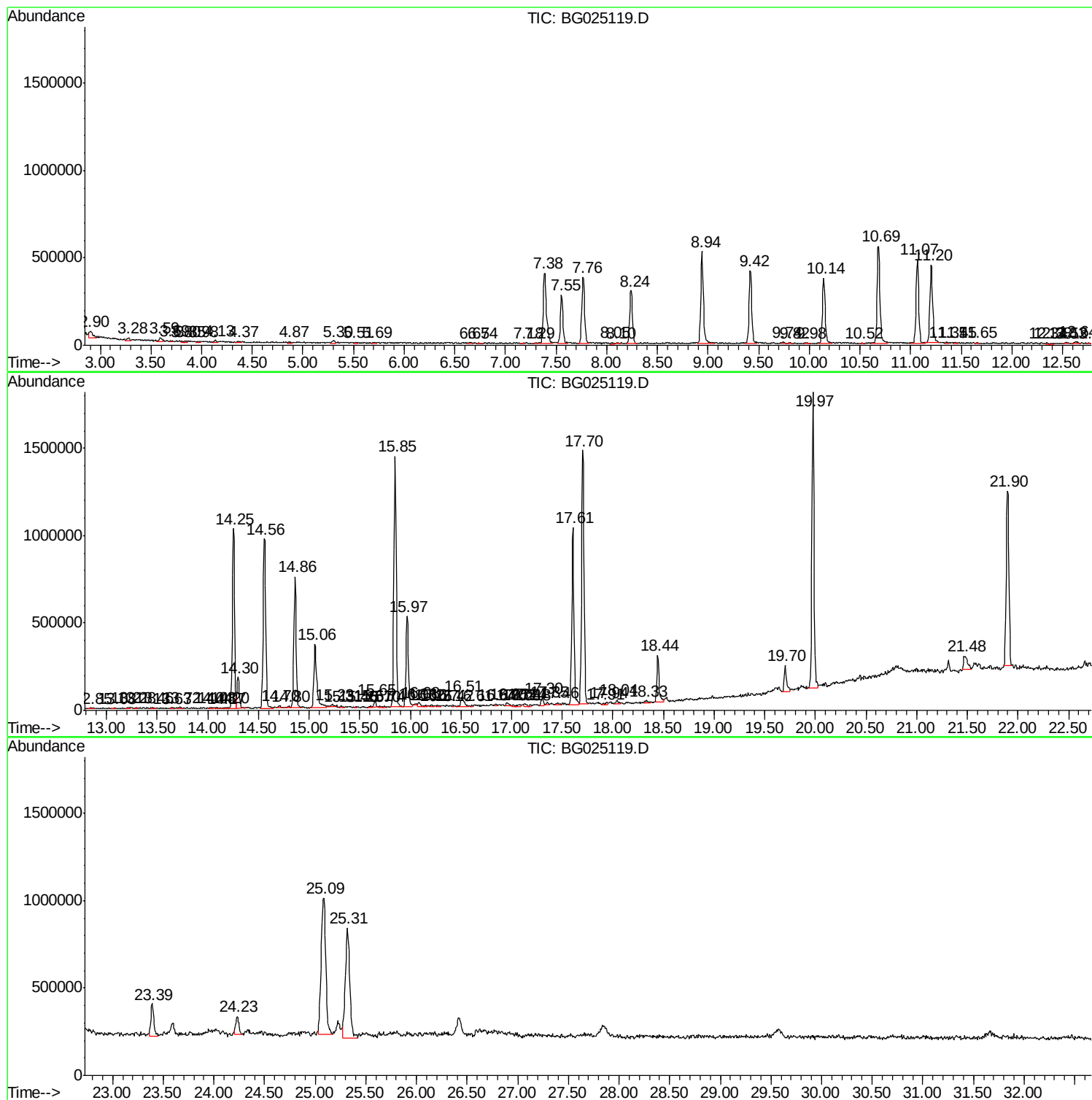
Sum of corrected areas: 32338678

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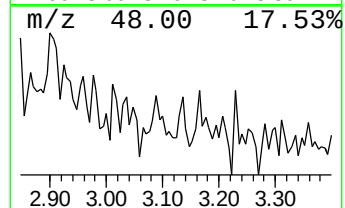
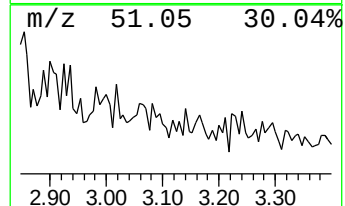
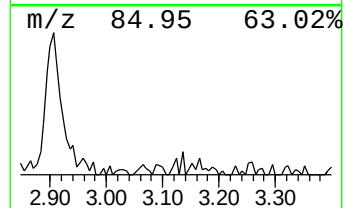
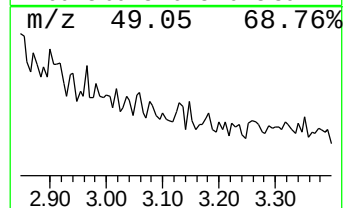
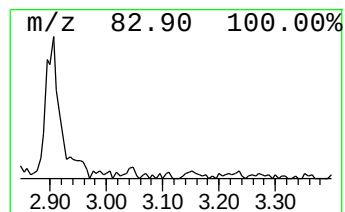
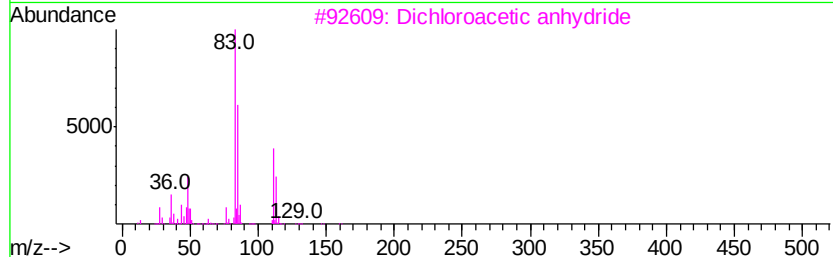
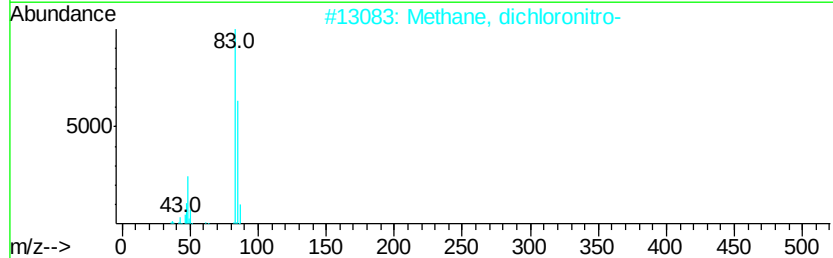
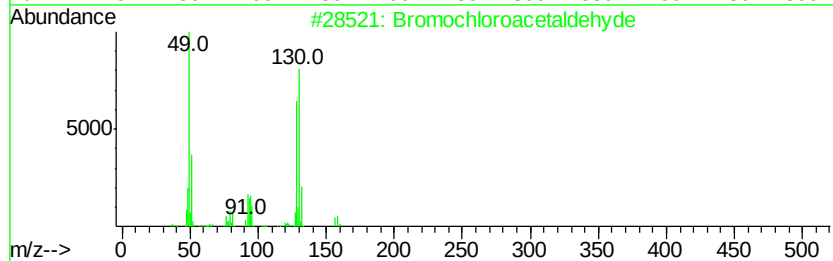
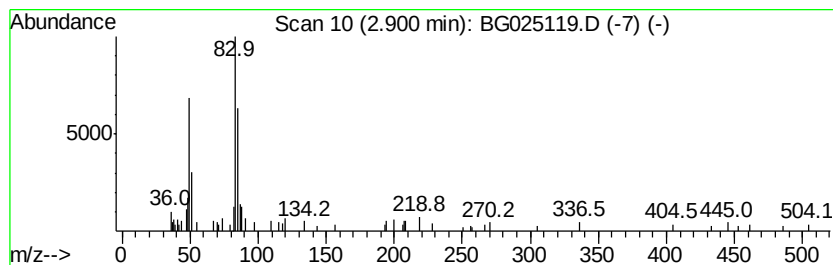
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	3.12 ng/ul	87759	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromochloroacetaldehyde	156	C2H2BrClO	098136-99-3	37
2		Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	35
3		Dichloroacetic anhydride	238	C4H2Cl4O3	004124-30-5	25
4		Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	25
5		Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	23



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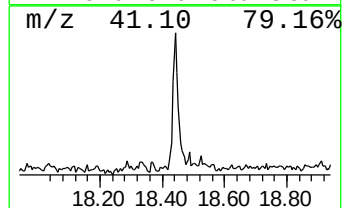
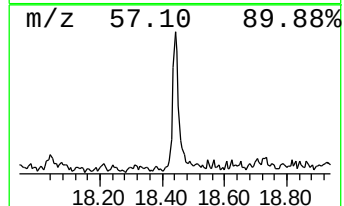
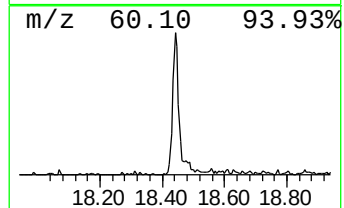
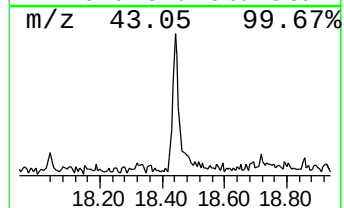
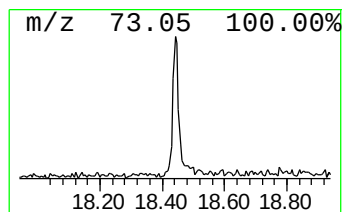
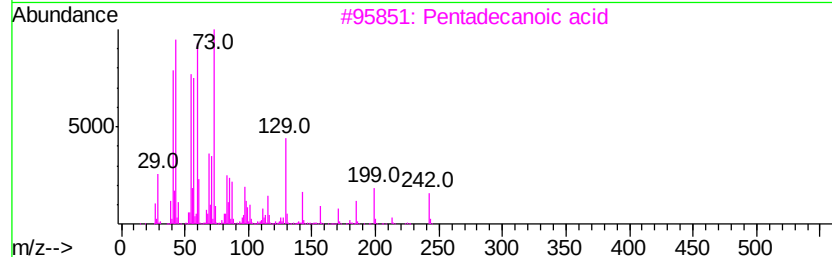
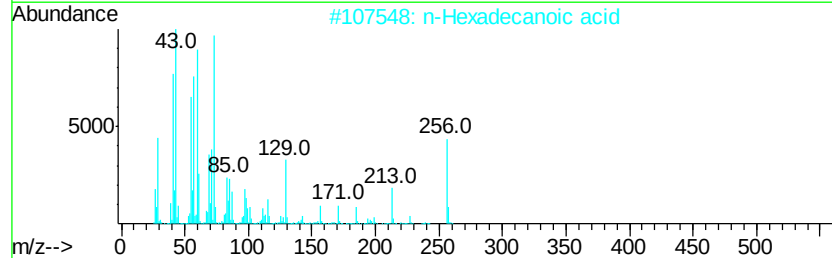
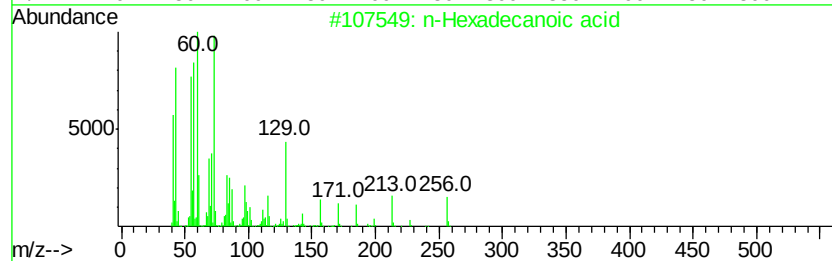
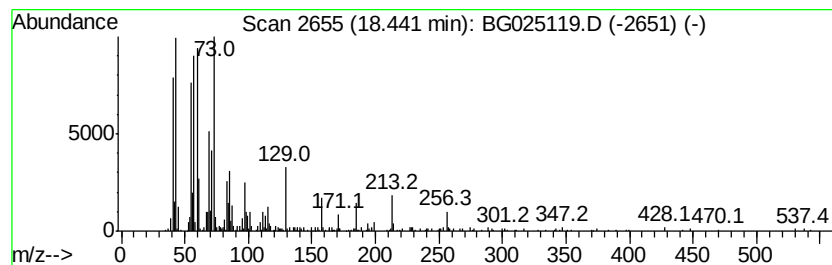
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	5.09 ng/ul	408273	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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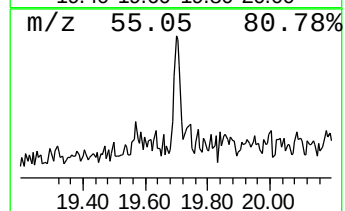
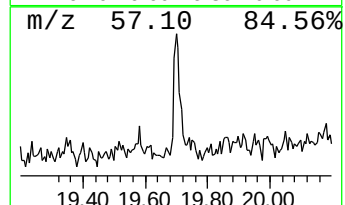
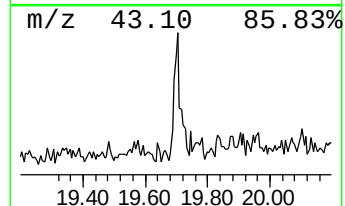
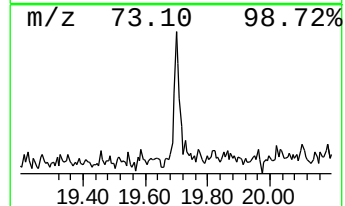
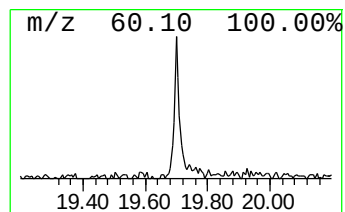
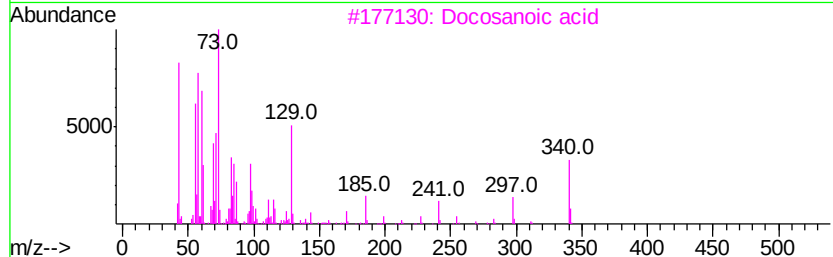
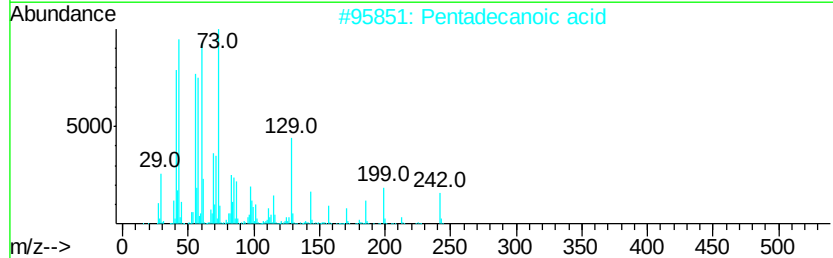
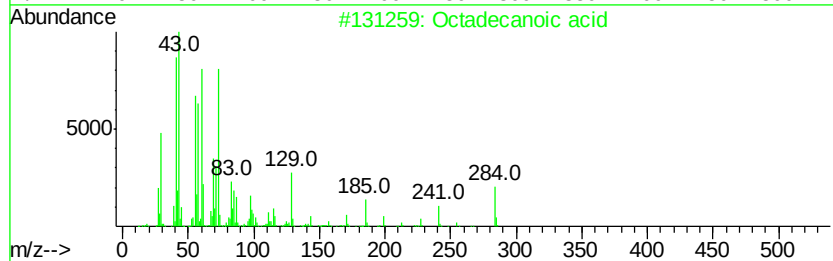
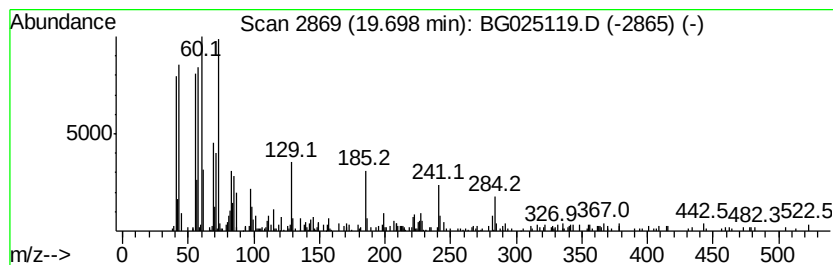
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.94 ng/ul	235626	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Docosanoic acid	340	C22H44O2	000112-85-6	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58



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Sample : H5992-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

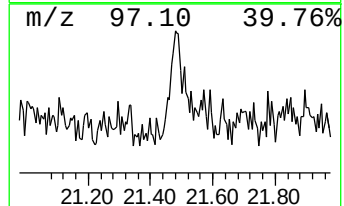
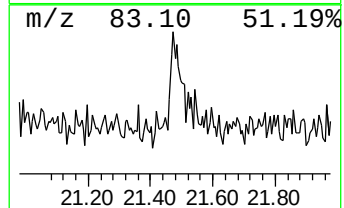
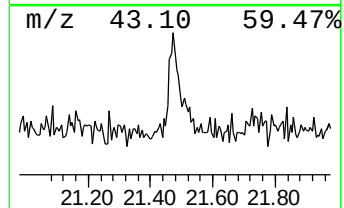
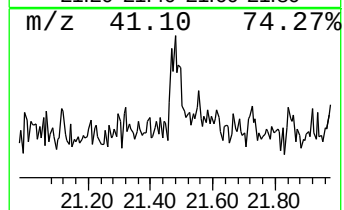
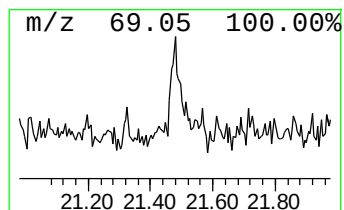
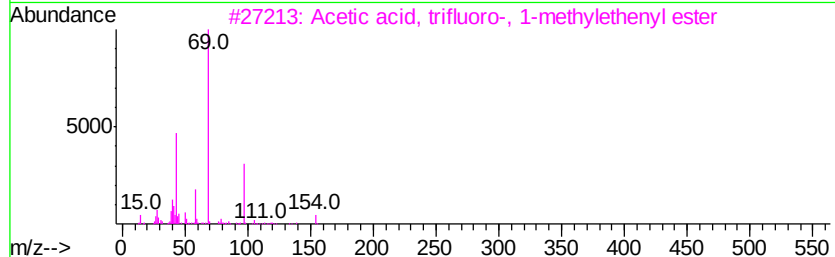
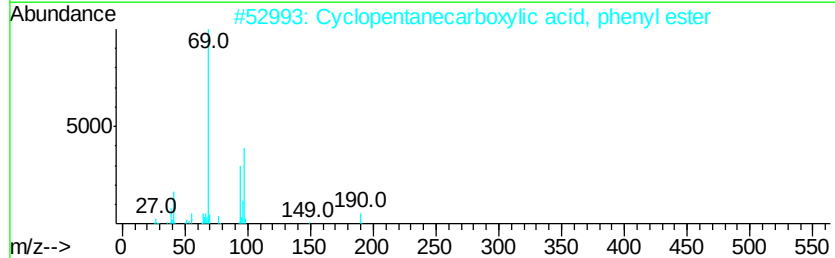
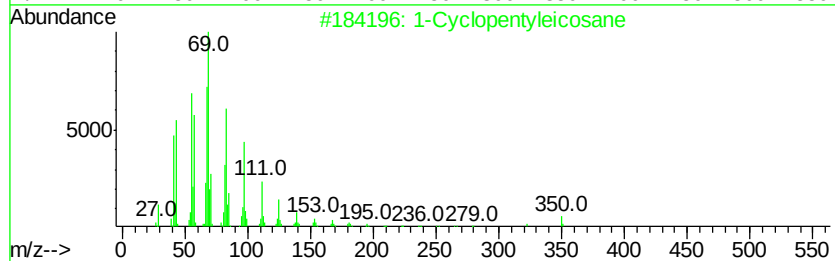
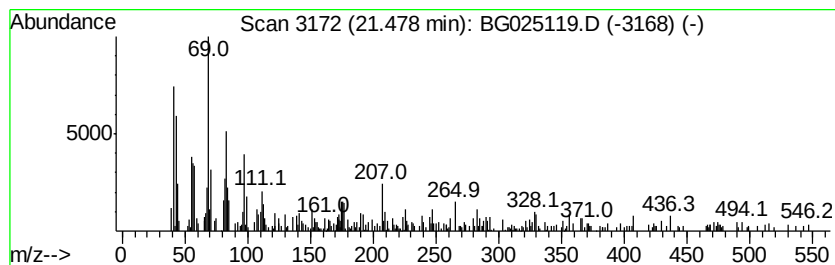
Instrument :
BNA_G
ClientSampleId :
P006-SS027-1218-03

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 4 (DEL) Alkane: Cyclic21.48 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.29 ng/ul	204141	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Cyclopentyleicosane		350 C25H50	1000357-25-6 72
2	Cyclopentanecarboxylic acid, phe...		190 C12H14O2	054758-32-6 72
3	Acetic acid, trifluoro-, 1-methv...		154 C5H5F3O2	000400-39-5 64
4	3-Trifluoroacetoxytetradecane		310 C16H29F3O2	1000245-47-5 64
5	D-Allofuranose, pentakis(trifluo...		660 C16H7F15O11	1000380-27-9 50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025119.D
Acq On : 12 Dec 2016 18:08
Operator : UM/SJ
Sample : H5992-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS027-1218-03

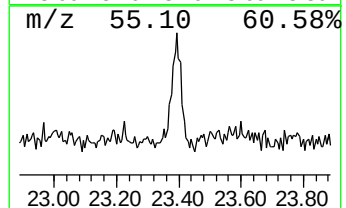
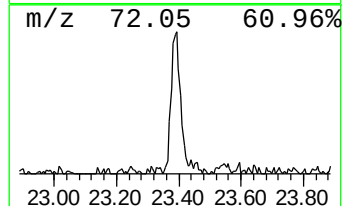
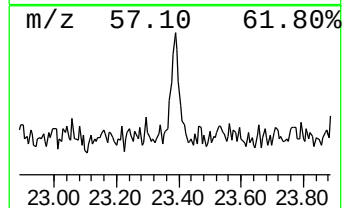
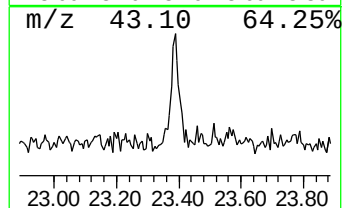
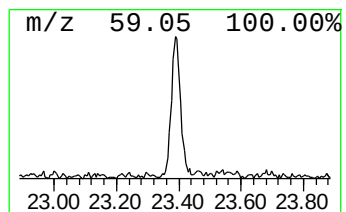
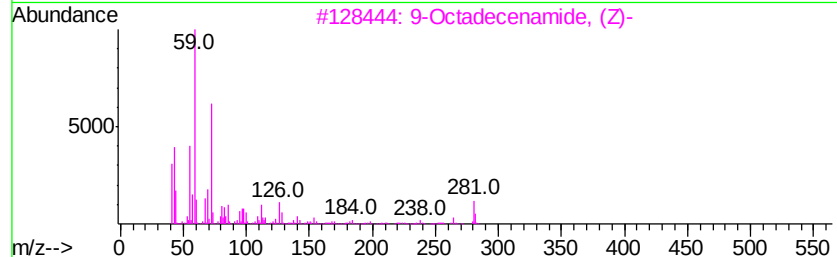
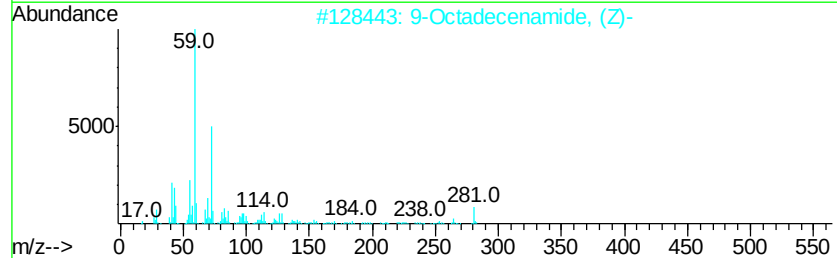
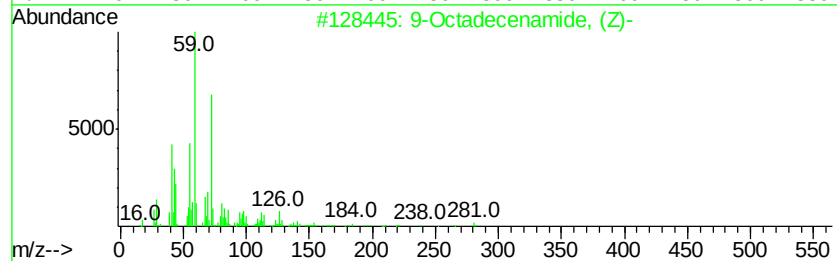
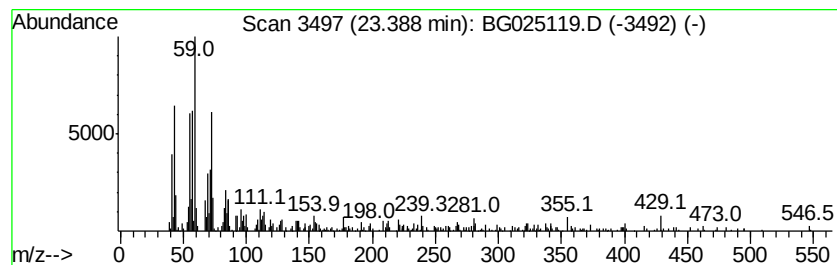
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	4.44 ng/ul	395170	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
4		Octanamide	143	C8H17NO	000629-01-6	72
5		1-Phenyl-9-thioureido-3,6-diazah...	302	C16H22N4S	153464-71-2	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025119.D
Acq On : 12 Dec 2016 18:08
Operator : UM/SJ
Sample : H5992-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS027-1218-03

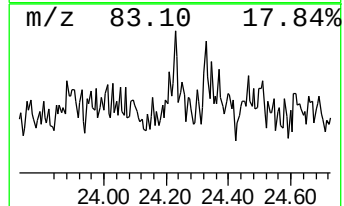
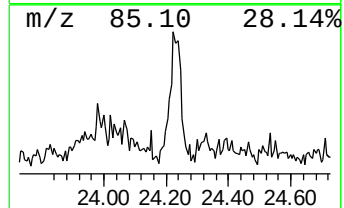
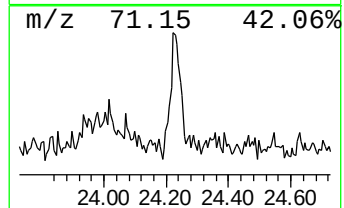
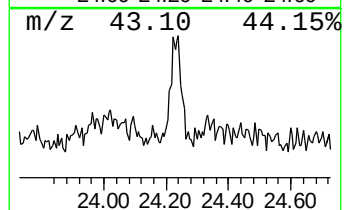
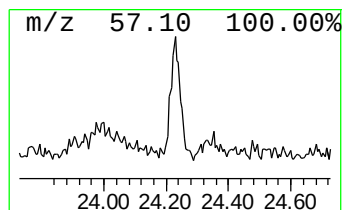
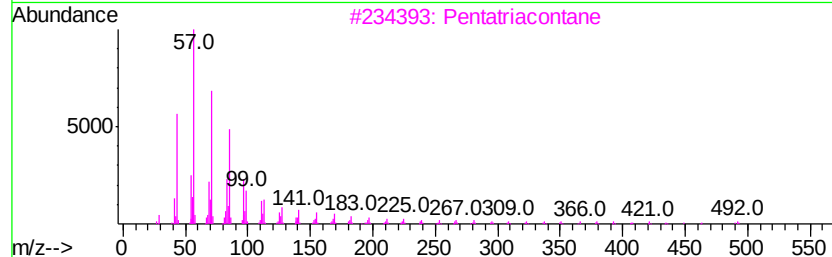
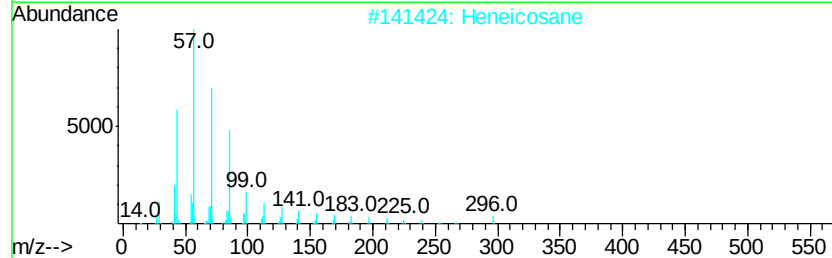
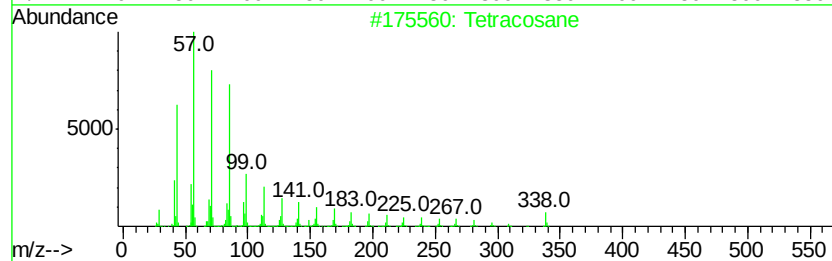
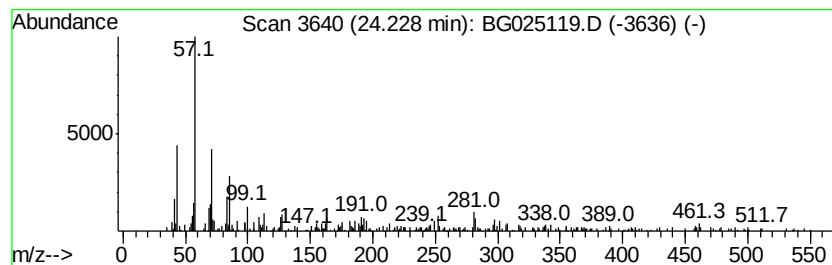
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	2.36 ng/ul	229804	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	70
2		Heneicosane	296	C21H44	000629-94-7	64
3		Pentatriacontane	493	C35H72	000630-07-9	62
4		Hexadecane	226	C16H34	000544-76-3	52
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025119.D
Acq On : 12 Dec 2016 18:08
Operator : UM/SJ
Sample : H5992-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P006-SS027-1218-03

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
unknown-01	2.90	3.1	ng/ul	87759	1	8.23	562103	20.0
n-Hexadecanoic acid	18.44	5.1	ng/ul	408273	4	17.61	1602980	20.0
Octadecanoic acid	19.70	2.9	ng/ul	235626	4	17.61	1602980	20.0
(DEL) Alkane: Cyc...	21.48	2.3	ng/ul	204141	5	21.90	1781790	20.0
9-Octadecenamide,...	23.39	4.4	ng/ul	395170	5	21.90	1781790	20.0
(DEL) Alkane: Str...	24.23	2.4	ng/ul	229804	6	25.31	1946140	20.0