

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025019.D
 Acq On : 8 Dec 2016 23:15
 Operator : UM/SJ
 Sample : H5863-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y7

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	3.169	53	56	59	rVB4	23173	26492	0.88%	0.072%
2	3.604	124	130	137	rVB4	17684	34182	1.14%	0.093%
3	4.133	218	220	225	rVB6	12287	16243	0.54%	0.044%
4	4.374	254	261	265	rBV7	12033	25875	0.86%	0.070%
5	4.526	284	287	294	rBV6	7316	19137	0.64%	0.052%
6	5.308	414	420	424	rVB7	16106	28073	0.94%	0.076%
7	6.201	565	572	574	rBV6	9290	15558	0.52%	0.042%
8	6.518	624	626	634	rVB6	8680	14151	0.47%	0.038%
9	6.712	656	659	665	rBV6	8864	15577	0.52%	0.042%
10	6.906	688	692	702	rVB9	10179	20622	0.69%	0.056%
11	7.176	732	738	741	rBV6	12188	27115	0.91%	0.073%
12	7.212	741	744	753	rVB8	13200	20751	0.69%	0.056%
13	7.382	764	773	789	rBV2	336610	716906	23.94%	1.942%
14	7.558	794	803	815	rBV	242056	428123	14.30%	1.160%
15	7.676	816	823	827	rVB6	14121	31783	1.06%	0.086%
16	7.770	829	839	846	rBV	320958	588224	19.64%	1.594%
17	8.122	894	899	906	rBV4	24527	40073	1.34%	0.109%
18	8.246	910	920	929	rBV	429541	803849	26.84%	2.178%
19	8.445	948	954	959	rBV8	17283	35715	1.19%	0.097%
20	8.510	959	965	975	rVB2	63070	118528	3.96%	0.321%
21	8.610	975	982	989	rVB8	23490	50509	1.69%	0.137%
22	8.874	1020	1027	1028	rBV6	9047	13832	0.46%	0.037%
23	8.939	1030	1038	1048	rBV	357647	643145	21.48%	1.743%
24	9.074	1055	1061	1072	rVB6	16074	33179	1.11%	0.090%
25	9.421	1111	1120	1127	rBV2	335757	656156	21.91%	1.778%
26	9.767	1172	1179	1181	rBV7	9878	18276	0.61%	0.050%
27	10.143	1234	1243	1251	rBV2	310462	607755	20.30%	1.647%
28	10.349	1275	1278	1282	rBV6	9937	16280	0.54%	0.044%
29	10.678	1326	1334	1344	rVV2	434008	835997	27.92%	2.265%
30	10.819	1355	1358	1362	rBV4	7906	15234	0.51%	0.041%
31	11.066	1391	1400	1412	rBV	595344	1161848	38.80%	3.148%
32	11.201	1415	1423	1433	rBV	177020	373431	12.47%	1.012%
33	11.360	1442	1450	1456	rBV10	8698	16334	0.55%	0.044%
34	11.812	1520	1527	1532	rBV8	7132	19940	0.67%	0.054%

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35	12.394	1617	1626	1634	rBV6	29678	69571	2.32%	0.189%
36	12.635	1663	1667	1670	rVB5	11179	16124	0.54%	0.044%
37	12.705	1674	1679	1684	rBV6	7936	14763	0.49%	0.040%
38	13.210	1759	1765	1773	rBV9	11764	32335	1.08%	0.088%
39	13.592	1825	1830	1836	rBV9	17517	34786	1.16%	0.094%
40	13.651	1836	1840	1845	rVB8	13761	21745	0.73%	0.059%
41	13.722	1845	1852	1860	rBV8	23720	48029	1.60%	0.130%
42	14.033	1899	1905	1911	rBV8	7996	24267	0.81%	0.066%
43	14.174	1924	1929	1931	rBV6	13391	16230	0.54%	0.044%
44	14.250	1936	1942	1947	rVV	971061	1473110	49.19%	3.991%
45	14.297	1947	1950	1959	rVB	215194	307022	10.25%	0.832%
46	14.479	1980	1981	1987	rBV6	11725	18100	0.60%	0.049%
47	14.556	1987	1994	2002	rVV	863162	1428702	47.71%	3.871%
48	14.632	2002	2007	2013	rVV6	34920	55975	1.87%	0.152%
49	14.709	2017	2020	2029	rVB6	34290	61319	2.05%	0.166%
50	14.861	2039	2046	2058	rBV	1149481	1838659	61.40%	4.982%
51	14.950	2060	2061	2069	rVB7	13221	17675	0.59%	0.048%
52	15.044	2071	2077	2086	rBV	326247	601753	20.09%	1.630%
53	15.214	2100	2106	2110	rBV7	16770	39435	1.32%	0.107%
54	15.320	2121	2124	2132	rVB10	10829	17175	0.57%	0.047%
55	15.384	2134	2135	2143	rBV6	7822	13914	0.46%	0.038%
56	15.613	2170	2174	2177	rBV4	18671	27494	0.92%	0.074%
57	15.655	2177	2181	2186	rVB2	54320	80651	2.69%	0.219%
58	15.848	2206	2214	2227	rVB	1323729	2124064	70.93%	5.755%
59	15.960	2227	2233	2243	rBV	451530	730971	24.41%	1.981%
60	16.054	2245	2249	2250	rBV4	13555	18680	0.62%	0.051%
61	16.083	2252	2254	2259	rVB6	29370	40982	1.37%	0.111%
62	16.201	2273	2274	2280	rVB5	13773	17822	0.60%	0.048%
63	16.283	2283	2288	2299	rBV5	18671	54443	1.82%	0.148%
64	16.401	2304	2308	2314	rBV9	19022	28422	0.95%	0.077%
65	16.459	2315	2318	2322	rVV6	15606	23639	0.79%	0.064%
66	16.512	2322	2327	2340	rVV3	69656	161708	5.40%	0.438%
67	16.665	2349	2353	2357	rVB7	14335	24533	0.82%	0.066%
68	16.794	2372	2375	2382	rBV8	13227	25225	0.84%	0.068%
69	16.853	2382	2385	2388	rBV4	12832	16314	0.54%	0.044%
70	16.953	2399	2402	2407	rBV7	14038	21884	0.73%	0.059%
71	17.024	2411	2414	2420	rVB8	21504	25000	0.83%	0.068%

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72	17.306	2457	2462	2467	rBV2	72219	101046	3.37%	0.274%
73	17.358	2467	2471	2474	rVV5	19805	24883	0.83%	0.067%
74	17.447	2481	2486	2492	rBV4	60125	87434	2.92%	0.237%
75	17.511	2494	2497	2504	rVB8	33350	46489	1.55%	0.126%
76	17.605	2505	2513	2523	rVB2	1462694	2311181	77.18%	6.262%
77	17.699	2523	2529	2540	rBV	1354765	2163177	72.24%	5.861%
78	17.787	2540	2544	2550	rVB9	34512	62381	2.08%	0.169%
79	17.840	2550	2553	2559	rBV8	18134	36965	1.23%	0.100%
80	18.040	2584	2587	2595	rVB5	41653	63059	2.11%	0.171%
81	18.334	2631	2637	2643	rBV8	64312	134897	4.50%	0.366%
82	18.387	2643	2646	2650	rVV4	57188	82708	2.76%	0.224%
83	18.445	2650	2656	2664	rVV	294711	401293	13.40%	1.087%
84	18.727	2701	2704	2705	rBV3	37438	37885	1.27%	0.103%
85	18.769	2706	2711	2717	rVB2	412862	605953	20.24%	1.642%
86	18.998	2748	2750	2754	rVB5	44386	52810	1.76%	0.143%
87	19.350	2806	2810	2813	rBV6	39568	66911	2.23%	0.181%
88	19.568	2844	2847	2848	rBV3	27657	29761	0.99%	0.081%
89	19.703	2866	2870	2874	rBV5	85109	150480	5.03%	0.408%
90	19.973	2910	2916	2924	rVB	1740476	2624436	87.64%	7.111%
91	20.478	2999	3002	3008	rVB2	131041	158119	5.28%	0.428%
92	20.807	3054	3058	3072	rVB10	122821	273424	9.13%	0.741%
93	21.471	3166	3171	3182	rVB2	190699	364966	12.19%	0.989%
94	21.894	3235	3243	3255	rVB	1717244	2994572	100.00%	8.114%
95	22.664	3369	3374	3377	rBV3	77809	141626	4.73%	0.384%
96	24.233	3634	3641	3649	rVB2	301016	642588	21.46%	1.741%
97	25.067	3773	3783	3795	rVB2	866791	2524277	84.30%	6.840%
98	25.308	3815	3824	3838	rVB	965367	2983740	99.64%	8.084%
99	25.796	3902	3907	3919	rVB	43278	130929	4.37%	0.355%
100	26.430	4005	4015	4027	rVB4	162988	547634	18.29%	1.484%

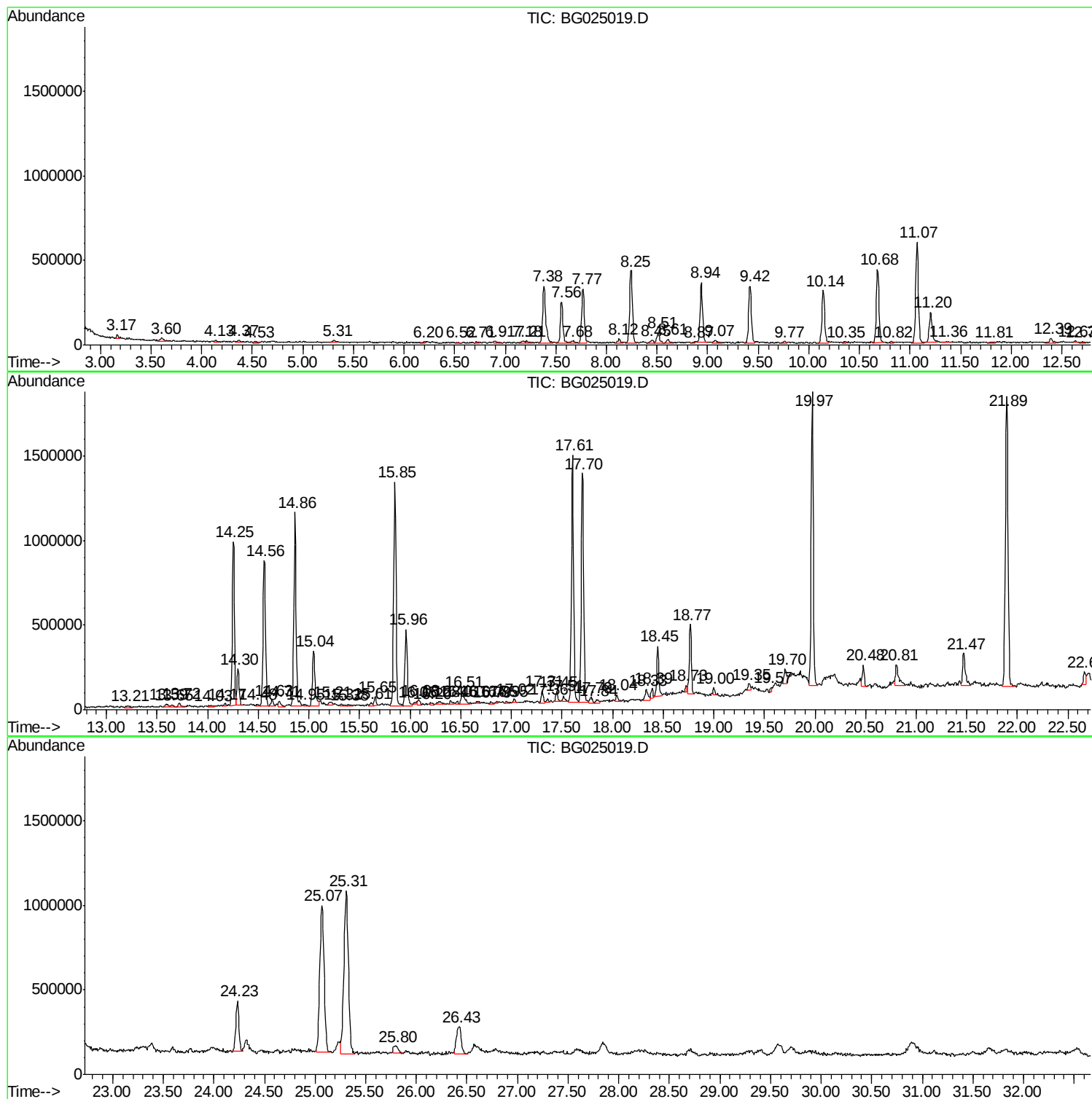
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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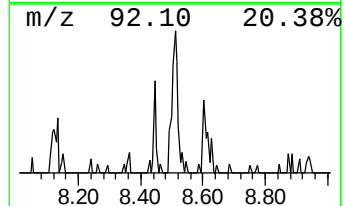
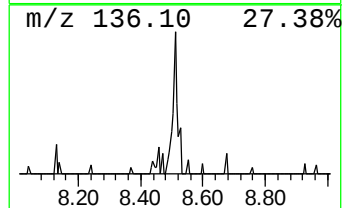
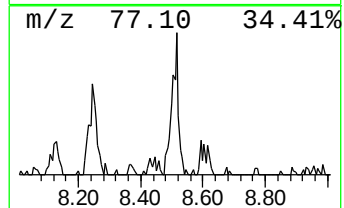
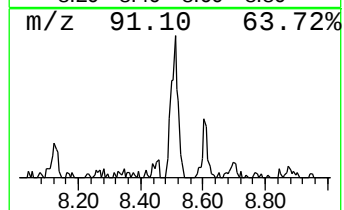
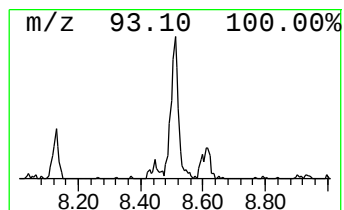
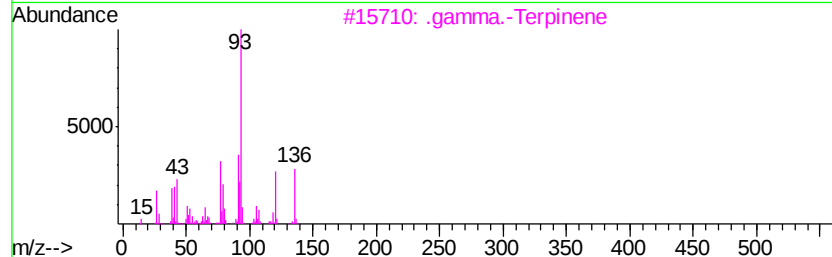
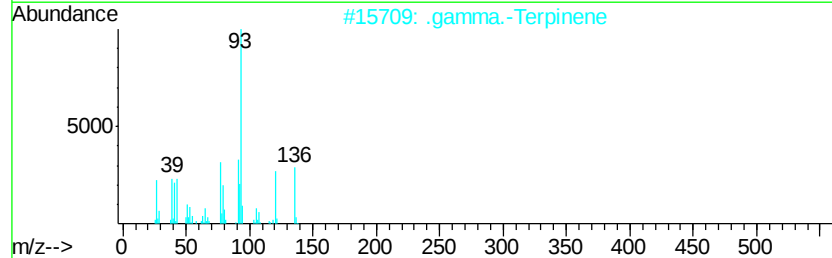
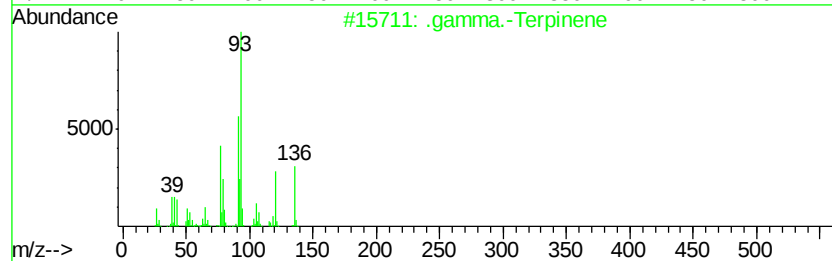
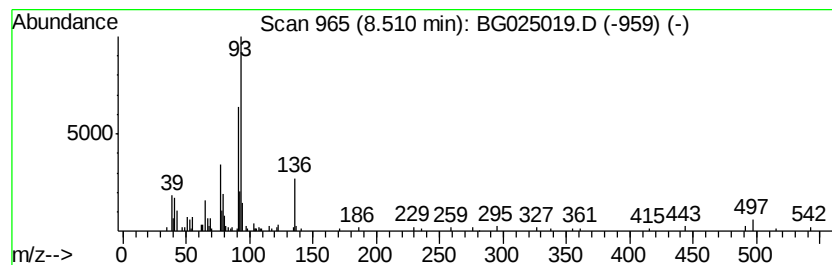
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 .gamma.-Terpinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	2.95 ng/ul	118528	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Terpinene	136	C10H16	000099-85-4	91
2		.gamma.-Terpinene	136	C10H16	000099-85-4	87
3		.gamma.-Terpinene	136	C10H16	000099-85-4	83
4		.gamma.-Terpinene	136	C10H16	000099-85-4	80
5		.alpha.-Phellandrene	136	C10H16	000099-83-2	72



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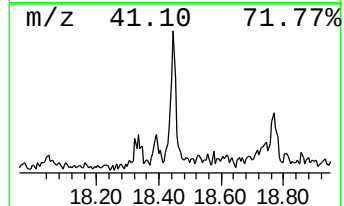
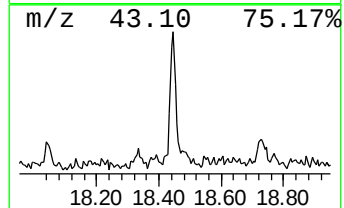
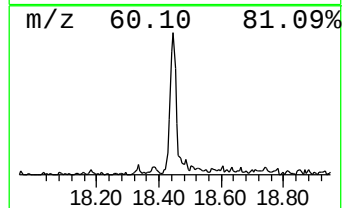
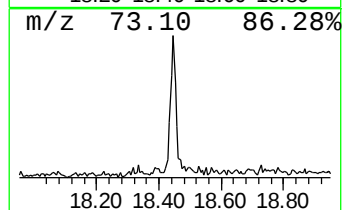
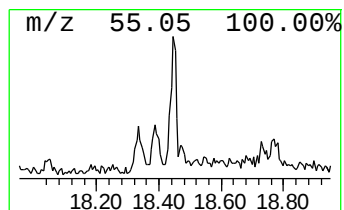
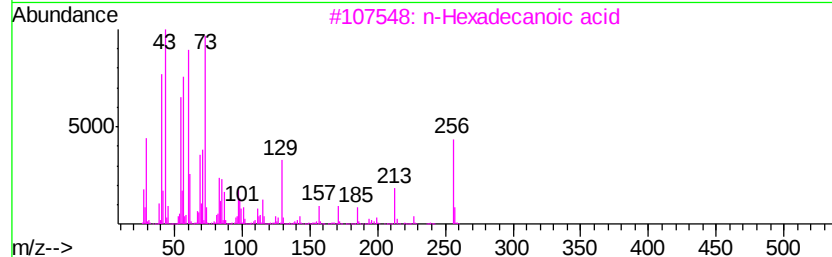
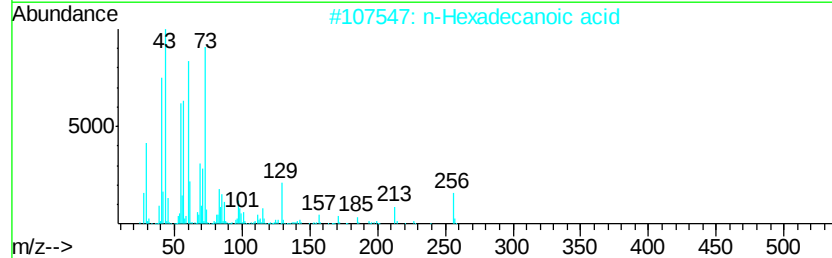
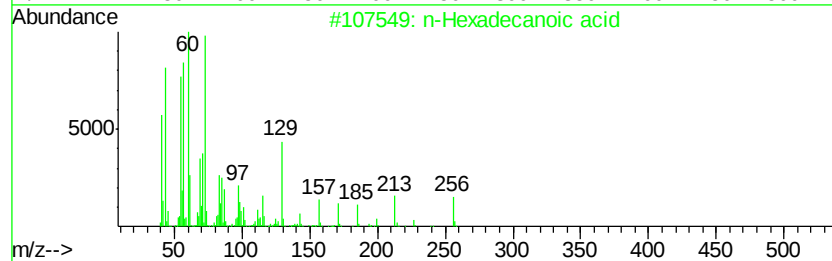
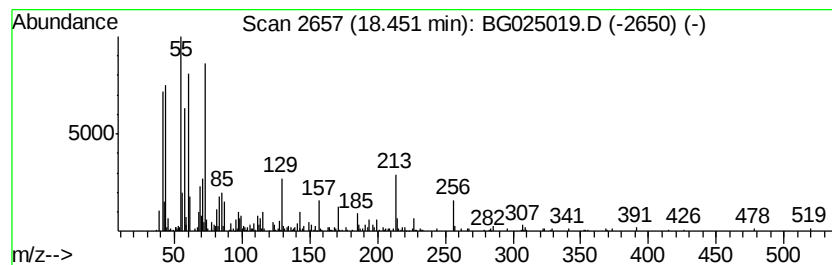
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	3.47 ng/ul	401293	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	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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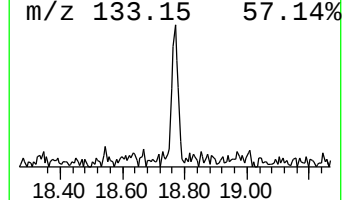
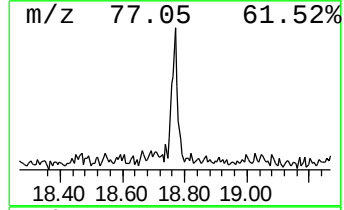
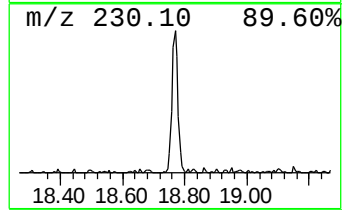
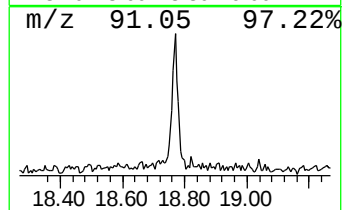
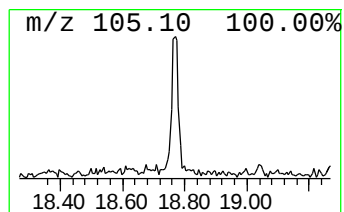
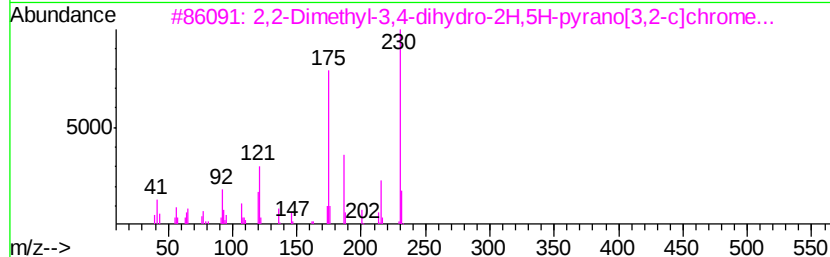
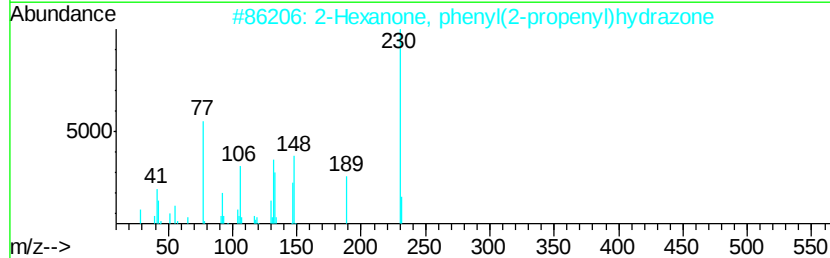
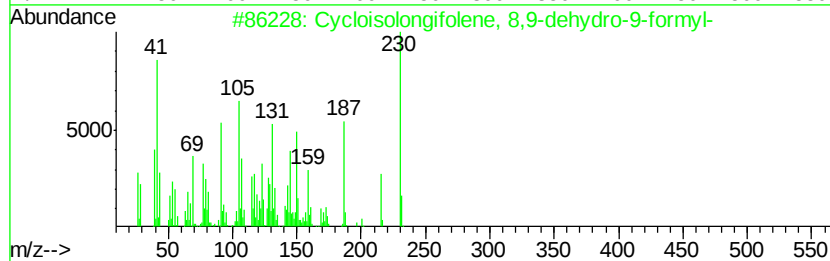
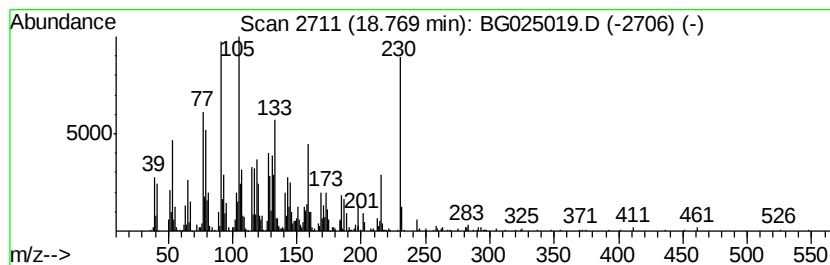
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Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	5.24 ng/ul	605953	Phenanthrene-d10	17.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloisolongifolene, 8,9-dehydro...	230	C16H22O	059820-24-5	25
2		2-Hexanone, phenyl(2-propenyl)hy...	230	C15H22N2	110213-03-1	15
3		2,2-Dimethyl-3,4-dihydro-2H,5H-p...	230	C14H14O3	031490-68-3	15
4		1,3,4-Oxadiazole, 2-[3-(4-fluoro...	230	C11H7FN4O	1000338-11-4	15
5		Benzenamine, 4-(4-nitrophenoxy)-	230	C12H10N2O3	006149-33-3	15



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

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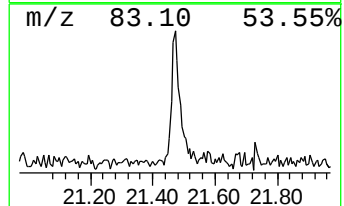
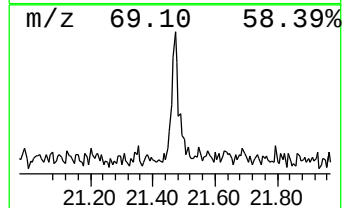
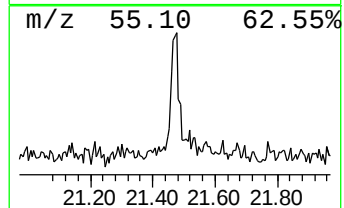
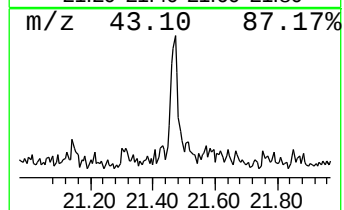
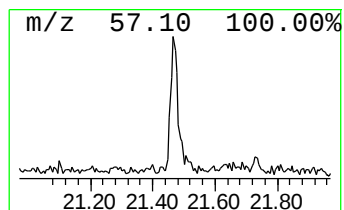
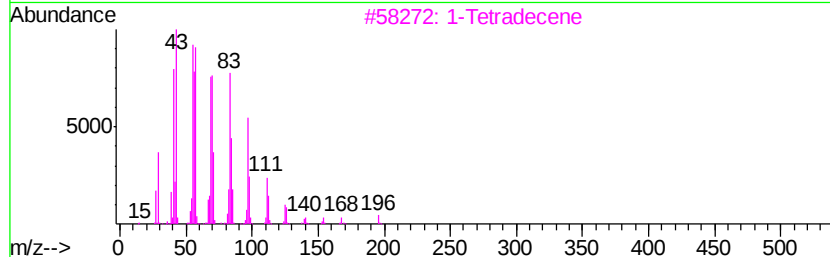
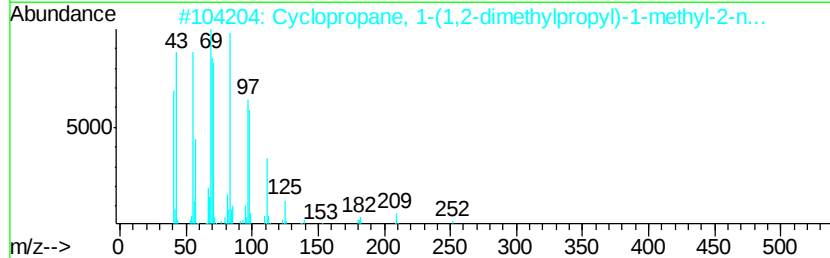
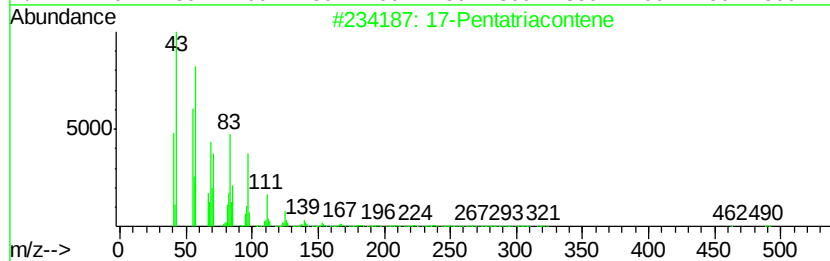
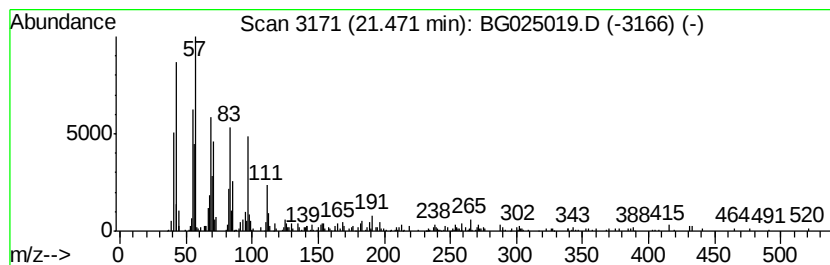
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.44 ng/ul	364966	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	83
2		Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	70
3		1-Tetradecene	196	C14H28	001120-36-1	64
4		Cyclotetradecane	196	C14H28	000295-17-0	58
5		Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	55



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Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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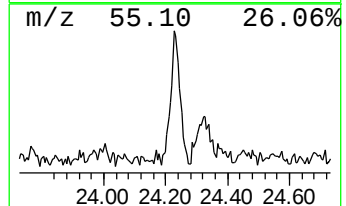
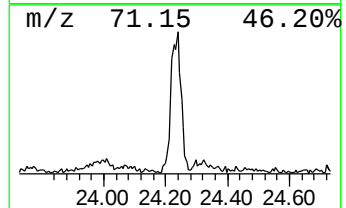
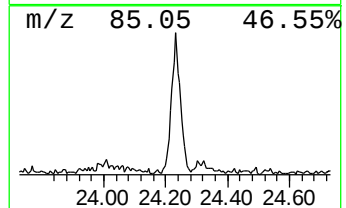
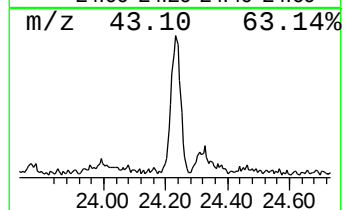
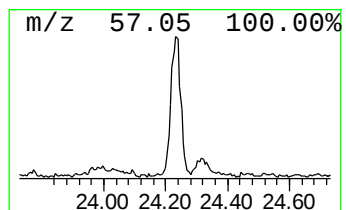
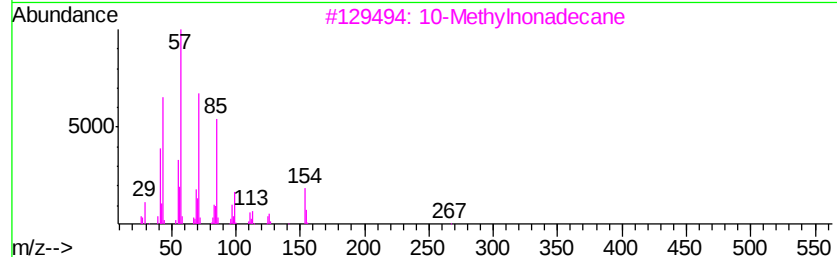
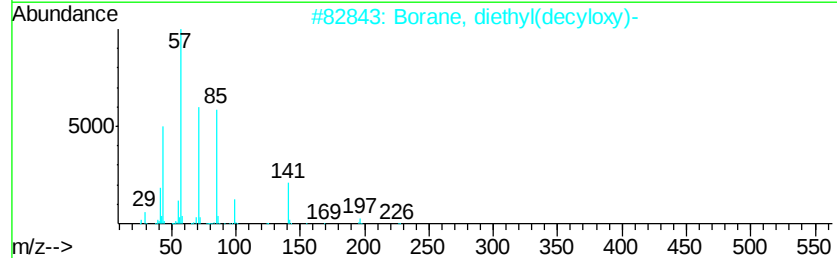
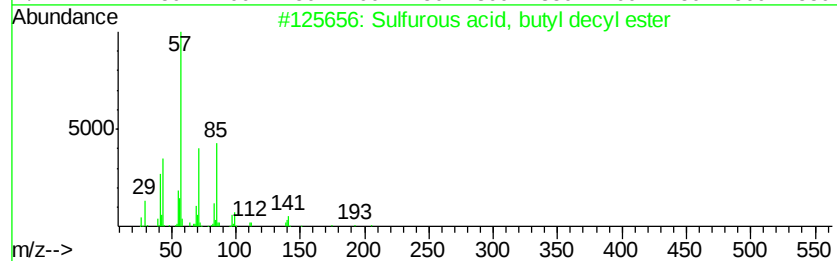
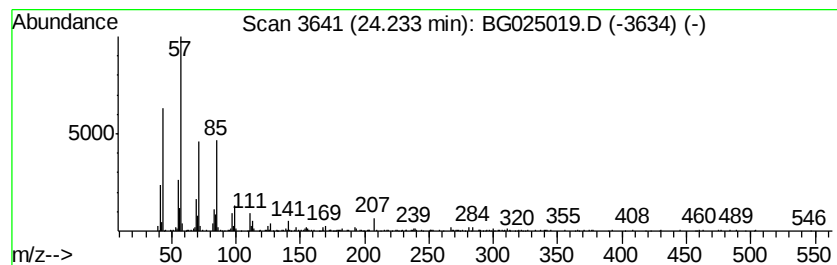
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl decyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	4.31 ng/ul	642588	Perylene-d12	25.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
3		10-Methylnonadecane	282	C20H42	056862-62-5	72
4		Octacosane	394	C28H58	000630-02-4	68
5		Hexatriacontane	507	C36H74	000630-06-8	68



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Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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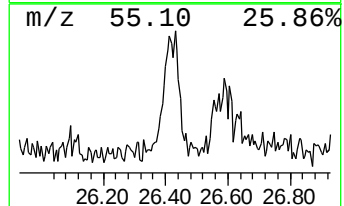
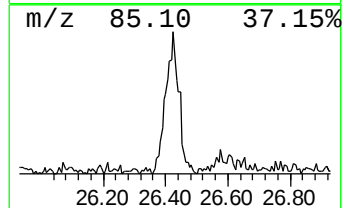
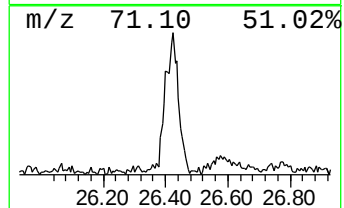
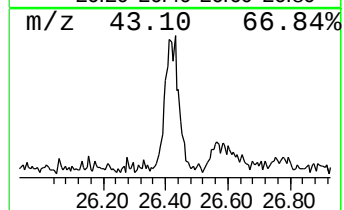
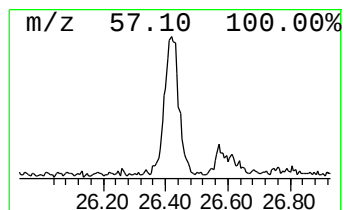
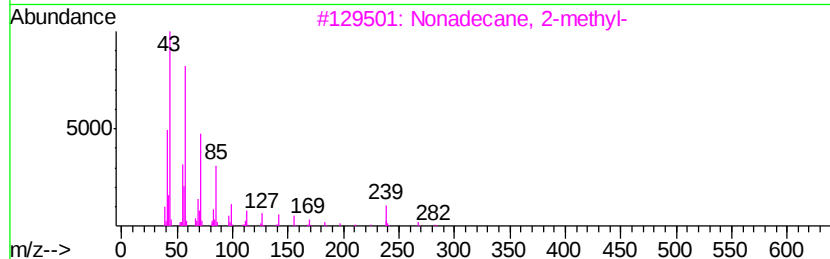
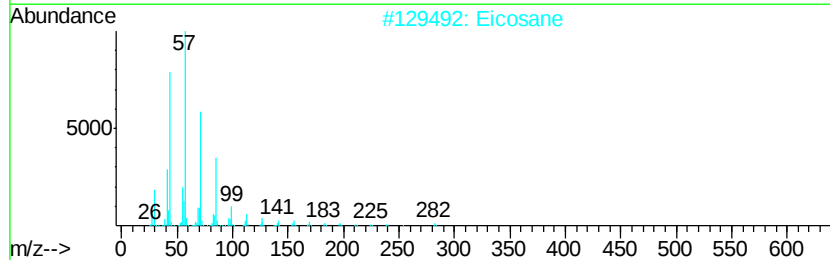
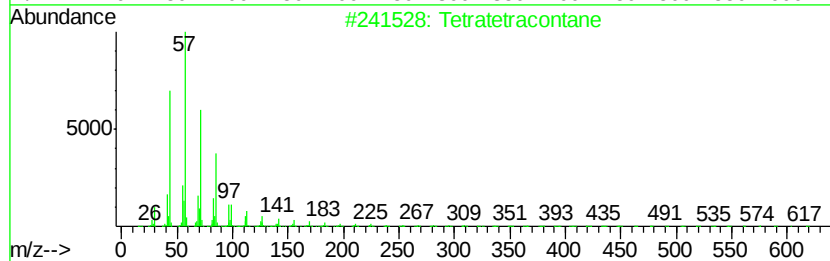
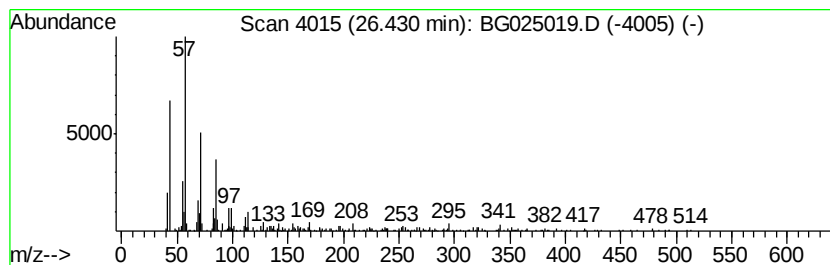
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	3.67 ng/ul	547634	Perylene-d12	25.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	76
2			Eicosane	282	C20H42	000112-95-8	76
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	76
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68
5			Hexatriacontane	507	C36H74	000630-06-8	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025019.D
Acq On : 8 Dec 2016 23:15
Operator : UM/SJ
Sample : H5863-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Y7

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
.gamma.-Terpinene	8.51	3.0	ng/ul	118528	1	8.24	803849	20.0
n-Hexadecanoic acid	18.45	3.5	ng/ul	401293	4	17.61	2311180	20.0
unknown-01	18.77	5.2	ng/ul	605953	4	17.61	2311180	20.0
(DEL) Alkane: Cyc...	21.47	2.4	ng/ul	364966	5	21.89	2994570	20.0
Sulfurous acid, b...	24.23	4.3	ng/ul	642588	6	25.31	2983740	20.0
(DEL) Alkane: Str...	26.43	3.7	ng/ul	547634	6	25.31	2983740	20.0