

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025638.D
 Acq On : 25 Jan 2017 17:41
 Operator : SJ/MA
 Sample : I1362-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN25

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-BG011817.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	3.075	35	40	49	rVB3	59297	115010	1.45%	0.309%
2	3.399	91	95	98	rVB2	8567	15225	0.19%	0.041%
3	7.347	760	767	786	rBV3	102774	281552	3.55%	0.756%
4	7.494	786	792	802	rBV	140073	255257	3.22%	0.685%
5	7.711	821	829	843	rVB4	80967	168509	2.13%	0.452%
6	7.952	866	870	877	rVB4	7264	16537	0.21%	0.044%
7	8.175	898	908	912	rBV3	229791	481478	6.08%	1.292%
8	8.211	912	914	925	rVV2	184772	303736	3.83%	0.815%
9	8.904	1025	1032	1046	rBV2	144299	357957	4.52%	0.961%
10	9.362	1102	1110	1125	rBV2	193796	417317	5.27%	1.120%
11	9.674	1156	1163	1167	rVB7	11176	23880	0.30%	0.064%
12	10.097	1227	1235	1236	rBV5	12831	18696	0.24%	0.050%
13	10.120	1237	1239	1244	rVB4	11612	15533	0.20%	0.042%
14	10.661	1323	1331	1341	rBV9	37068	113763	1.44%	0.305%
15	11.001	1382	1389	1398	rBV	366498	708311	8.94%	1.901%
16	11.154	1405	1415	1435	rBV2	202185	532030	6.72%	1.428%
17	13.393	1788	1796	1800	rBV7	10208	16491	0.21%	0.044%
18	14.198	1927	1933	1939	rBV	572924	903852	11.41%	2.426%
19	14.251	1939	1942	1953	rVB3	95933	166006	2.10%	0.446%
20	14.415	1966	1970	1977	rBV8	16064	41351	0.52%	0.111%
21	14.503	1977	1985	1994	rBV	625526	1053261	13.30%	2.827%
22	14.650	2006	2010	2016	rVB4	19074	28360	0.36%	0.076%
23	14.809	2029	2037	2049	rVB	697675	1157939	14.62%	3.108%
24	15.149	2090	2095	2101	rVV7	6472	16075	0.20%	0.043%
25	15.261	2107	2114	2122	rBV9	11560	26654	0.34%	0.072%
26	15.555	2156	2164	2165	rBV4	10190	16072	0.20%	0.043%
27	15.596	2165	2171	2175	rVB	47623	62824	0.79%	0.169%
28	15.796	2197	2205	2217	rBV	900467	1462453	18.46%	3.925%
29	15.996	2232	2239	2243	rBV6	19557	36498	0.46%	0.098%
30	16.043	2243	2247	2252	rBV6	14382	21684	0.27%	0.058%
31	16.225	2273	2278	2282	rVB6	9656	21184	0.27%	0.057%
32	16.407	2305	2309	2313	rBV6	11794	20395	0.26%	0.055%
33	16.448	2313	2316	2324	rVV3	67509	116362	1.47%	0.312%
34	16.659	2346	2352	2355	rBV6	8531	15561	0.20%	0.042%

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35	17.241	2447	2451	2456	rBV2	57192	78130	0.99%	0.210%
36	17.300	2456	2461	2465	rVV3	21676	39077	0.49%	0.105%
37	17.347	2465	2469	2473	rVB7	9200	14743	0.19%	0.040%
38	17.553	2494	2504	2514	rBV	1032327	1564225	19.74%	4.198%
39	17.652	2514	2521	2539	rVV	995049	1670692	21.09%	4.484%
40	17.764	2539	2540	2549	rVB9	8490	20627	0.26%	0.055%
41	17.981	2573	2577	2583	rVB4	38629	52569	0.66%	0.141%
42	18.169	2604	2609	2615	rVB9	7937	17616	0.22%	0.047%
43	18.399	2646	2648	2655	rBV7	11218	23923	0.30%	0.064%
44	18.481	2657	2662	2666	rBV8	11492	17242	0.22%	0.046%
45	18.581	2674	2679	2684	rVB5	35026	52028	0.66%	0.140%
46	18.669	2690	2694	2697	rBV5	15845	23544	0.30%	0.063%
47	18.798	2712	2716	2721	rVB7	18334	28636	0.36%	0.077%
48	19.121	2768	2771	2775	rBV5	9773	14790	0.19%	0.040%
49	19.292	2796	2800	2804	rVB7	18028	28844	0.36%	0.077%
50	19.486	2829	2833	2839	rVB9	10750	24294	0.31%	0.065%
51	19.568	2842	2847	2854	rVB6	18514	31162	0.39%	0.084%
52	19.644	2858	2860	2864	rBV5	13976	16577	0.21%	0.044%
53	19.685	2864	2867	2869	rBV3	12674	18020	0.23%	0.048%
54	19.791	2878	2885	2893	rBV	6769830	7922170	100.00%	21.262%
55	19.867	2894	2898	2902	rVB7	25294	30014	0.38%	0.081%
56	19.932	2902	2909	2917	rBV	1255858	1947553	24.58%	5.227%
57	20.202	2947	2955	2958	rBV10	16052	40299	0.51%	0.108%
58	20.244	2961	2962	2969	rVB7	12405	18909	0.24%	0.051%
59	20.332	2972	2977	2979	rVB6	21067	28534	0.36%	0.077%
60	20.396	2980	2988	2991	rVV9	20244	35681	0.45%	0.096%
61	20.449	2991	2997	3000	rBV6	22630	40361	0.51%	0.108%
62	20.708	3039	3041	3045	rBV5	16236	15235	0.19%	0.041%
63	20.761	3046	3050	3054	rBV7	16643	26903	0.34%	0.072%
64	20.825	3054	3061	3067	rVV	5647284	6926269	87.43%	18.589%
65	20.913	3075	3076	3081	rBV5	16239	17812	0.22%	0.048%
66	21.072	3097	3103	3106	rBV8	28655	56104	0.71%	0.151%
67	21.342	3147	3149	3152	rBV3	14773	16237	0.20%	0.044%
68	21.413	3153	3161	3176	rVV3	66006	245296	3.10%	0.658%
69	21.571	3187	3188	3191	rBV3	18704	19474	0.25%	0.052%
70	21.665	3200	3204	3211	rVB7	32701	62497	0.79%	0.168%
71	21.842	3227	3234	3241	rBV	1036552	1829977	23.10%	4.911%

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72	22.141	3281	3285	3288	rBV6	16733	24848	0.31%	0.067%
73	22.312	3312	3314	3320	rVB7	37149	63537	0.80%	0.171%
74	22.588	3357	3361	3364	rBV6	21198	30710	0.39%	0.082%
75	22.788	3390	3395	3398	rBV7	15389	33923	0.43%	0.091%
76	23.122	3450	3452	3459	rVB8	14078	21447	0.27%	0.058%
77	23.222	3466	3469	3472	rVB5	14343	16305	0.21%	0.044%
78	23.299	3473	3482	3487	rBV5	38983	92344	1.17%	0.248%
79	23.493	3509	3515	3522	rBV2	96642	197462	2.49%	0.530%
80	24.121	3617	3622	3629	rVB10	34799	62076	0.78%	0.167%
81	24.527	3687	3691	3700	rVB9	26024	49695	0.63%	0.133%
82	24.991	3759	3770	3782	rBV2	636827	2001977	25.27%	5.373%
83	25.097	3783	3788	3795	rVB9	35949	91537	1.16%	0.246%
84	25.232	3799	3811	3824	rBV3	567821	1833412	23.14%	4.921%
85	25.408	3839	3841	3847	rBV7	17739	28553	0.36%	0.077%
86	25.496	3855	3856	3862	rBV6	14711	24435	0.31%	0.066%
87	26.166	3967	3970	3972	rBV4	13288	16285	0.21%	0.044%
88	26.272	3981	3988	3997	rVB7	50127	134218	1.69%	0.360%
89	26.660	4053	4054	4058	rBV4	14492	16850	0.21%	0.045%
90	27.670	4215	4226	4237	rVB7	52519	222479	2.81%	0.597%
91	28.663	4393	4395	4398	rBV4	15442	18058	0.23%	0.048%
92	29.345	4502	4511	4515	rBV9	31658	83632	1.06%	0.224%
93	29.550	4545	4546	4549	rBV3	13827	15341	0.19%	0.041%
94	29.691	4565	4570	4572	rBV6	12182	17283	0.22%	0.046%
95	29.897	4604	4605	4613	rVB8	14019	25241	0.32%	0.068%
96	29.979	4616	4619	4625	rVB8	15221	30948	0.39%	0.083%
97	30.420	4692	4694	4696	rBV3	11610	14418	0.18%	0.039%
98	31.019	4793	4796	4798	rBV4	19125	19398	0.24%	0.052%
99	31.754	4920	4921	4925	rBV4	12244	15232	0.19%	0.041%
100	32.135	4985	4986	4993	rBV7	17245	33658	0.42%	0.090%

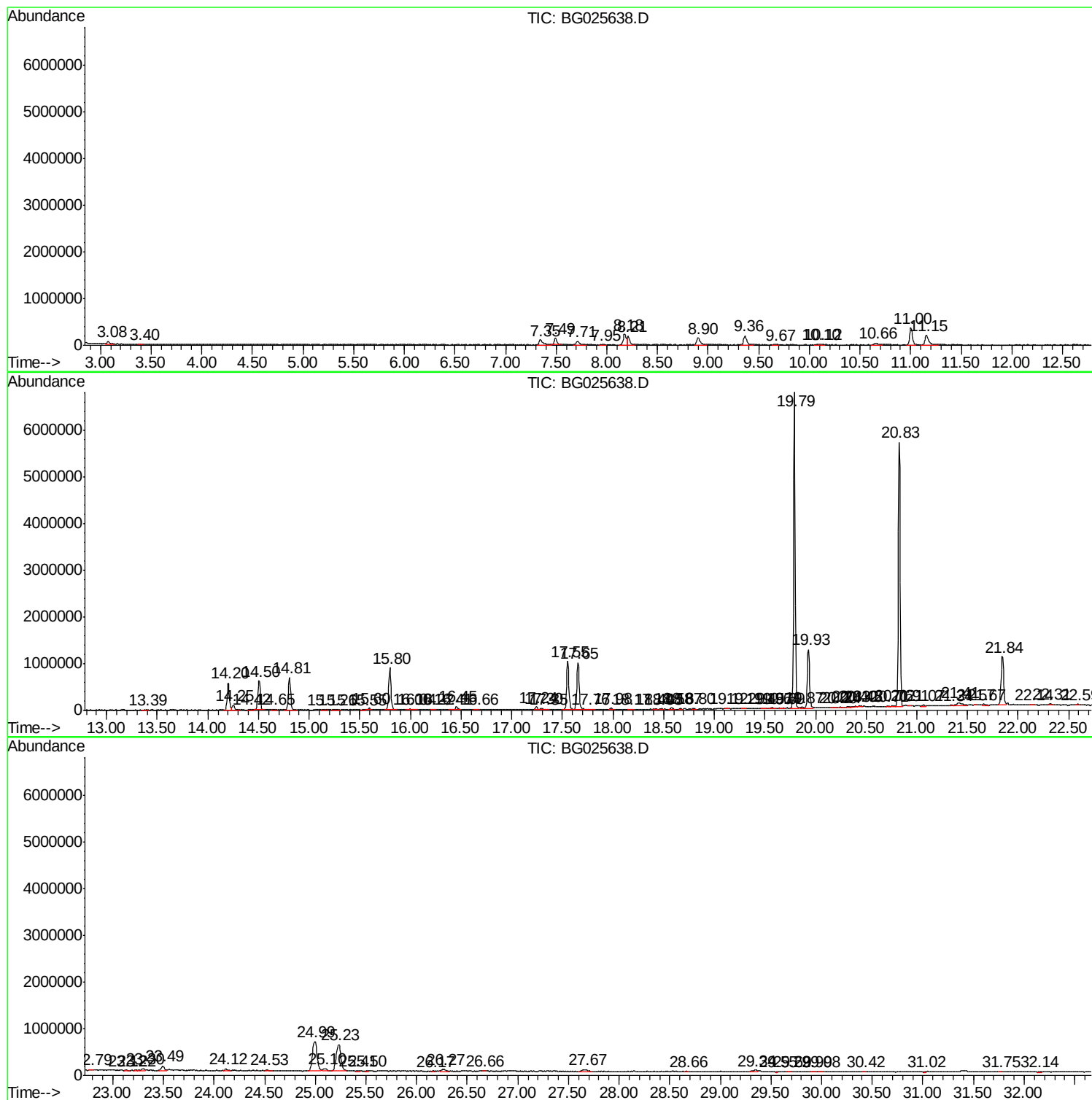
Sum of corrected areas: 37259179

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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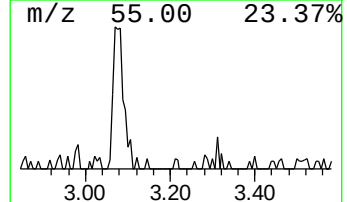
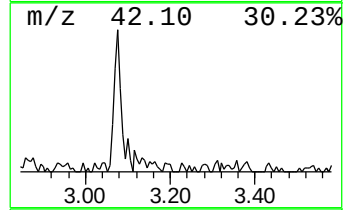
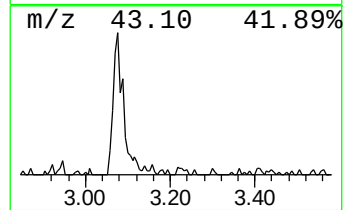
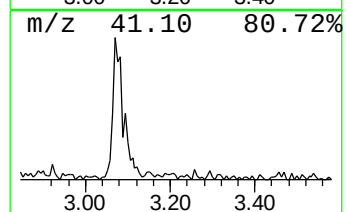
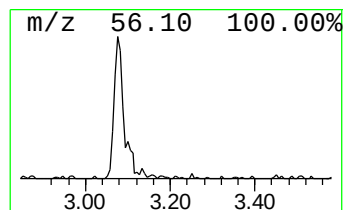
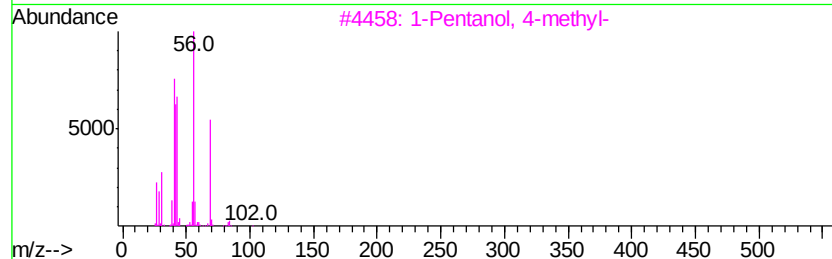
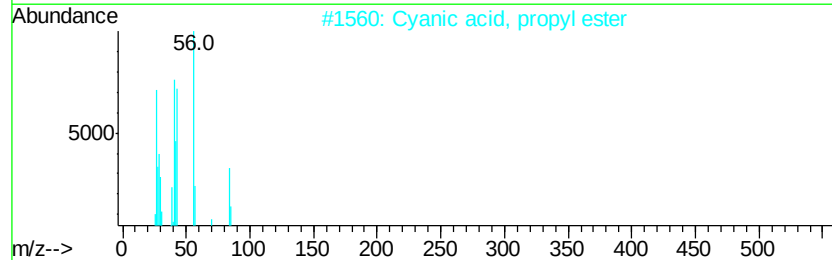
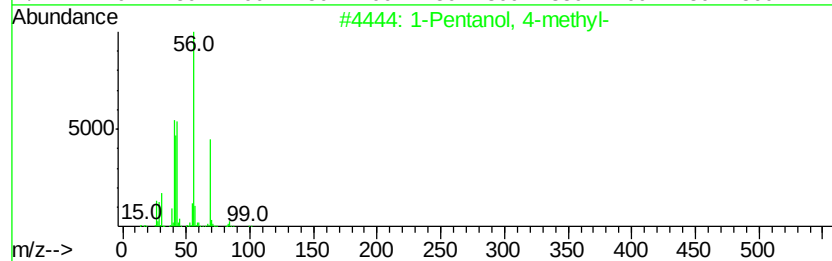
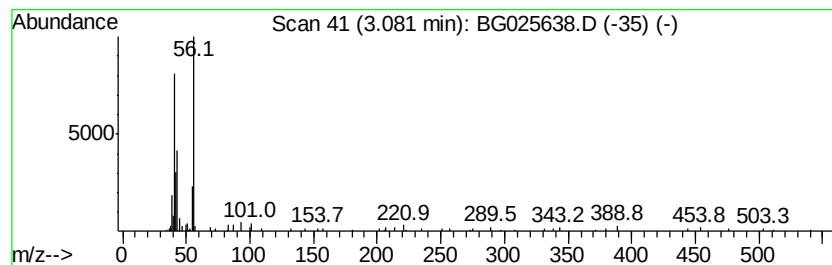
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	4.78 ng/ul	115010	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	50
2		Cyanoic acid, propyl ester	85	C4H7NO	001768-36-1	50
3		1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	50
4		1-Butanol	74	C4H10O	000071-36-3	50
5		1-Butanol	74	C4H10O	000071-36-3	40



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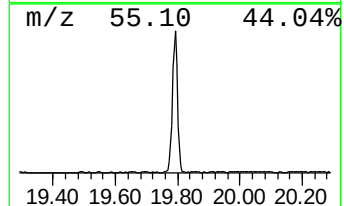
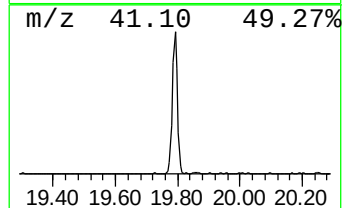
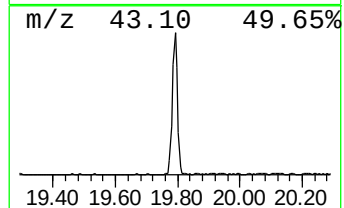
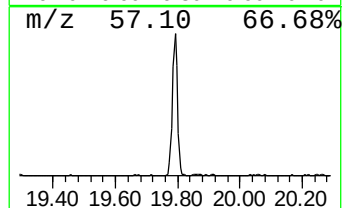
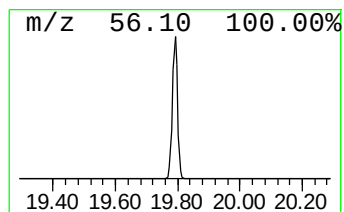
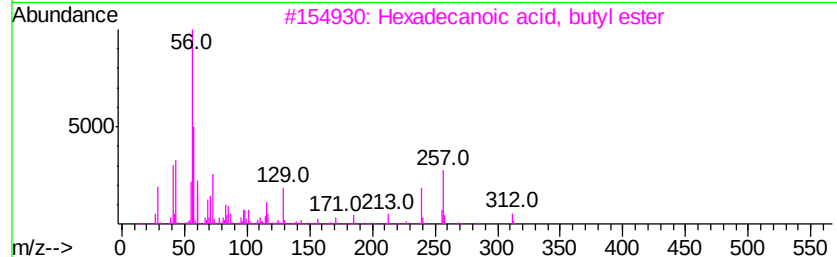
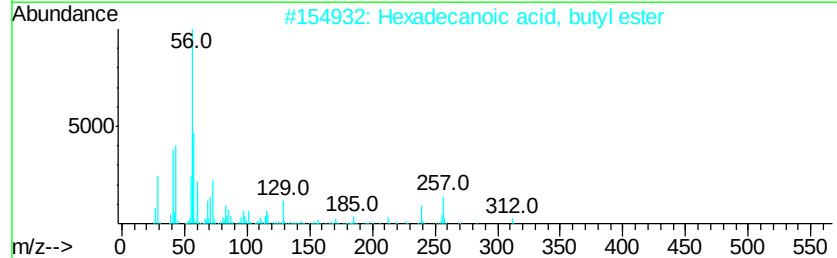
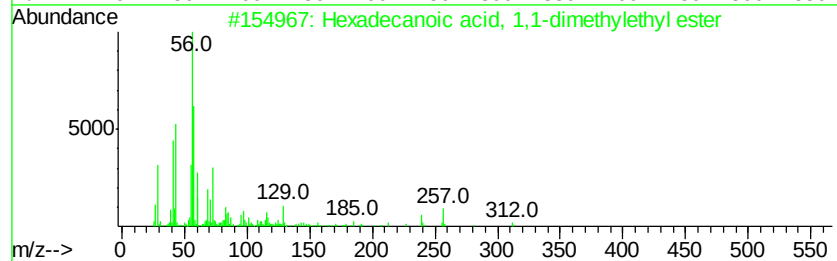
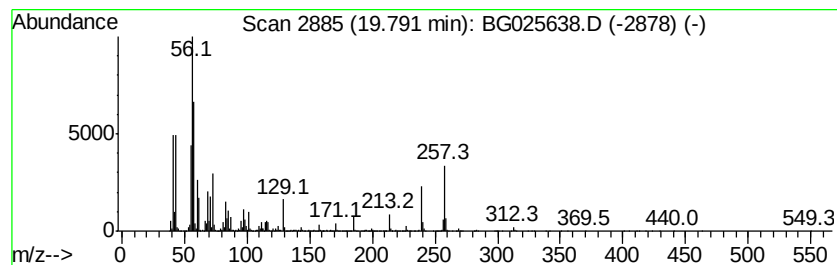
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	86.58 ng/ul	7922170	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	50
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35



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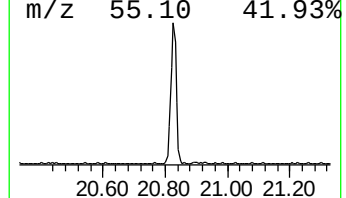
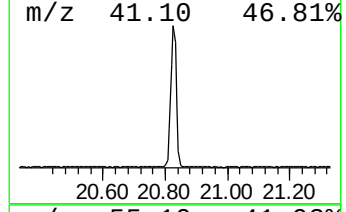
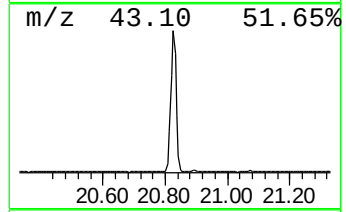
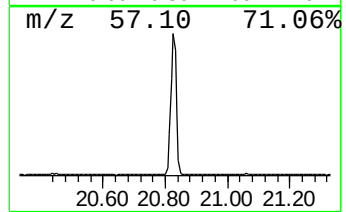
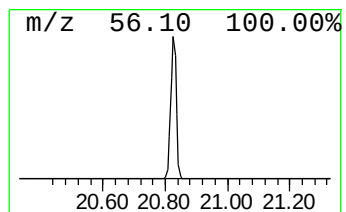
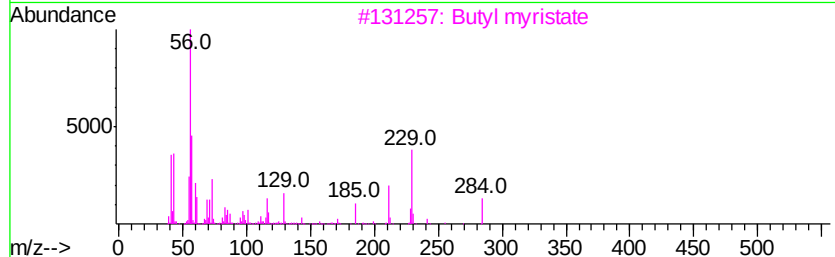
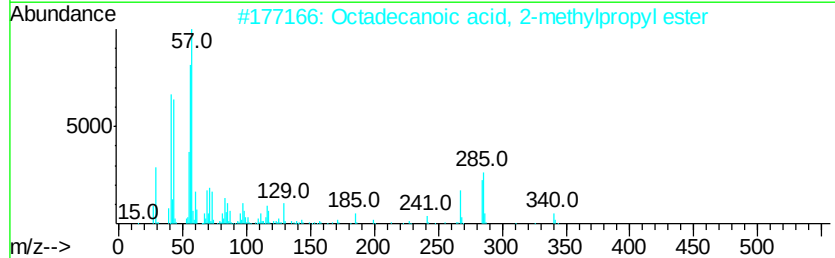
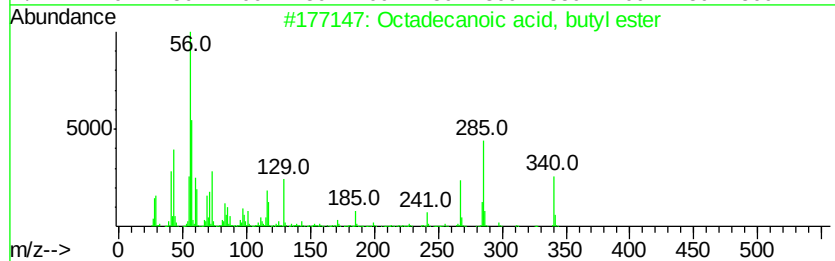
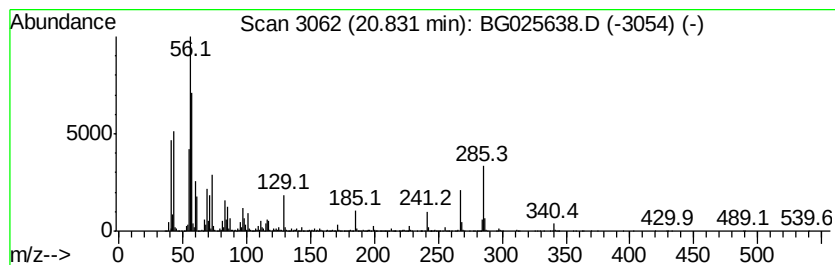
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	75.70 ng/ul	6926270	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Butyl myristate	284	C18H36O2	000110-36-1	64
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	53
5		Docosanoic acid	340	C22H44O2	000112-85-6	51



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025638.D
Acq On : 25 Jan 2017 17:41
Operator : SJ/MA
Sample : I1362-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

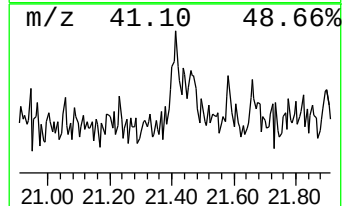
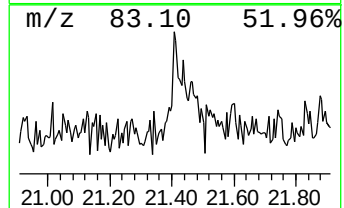
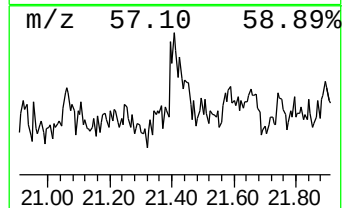
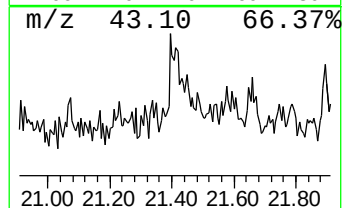
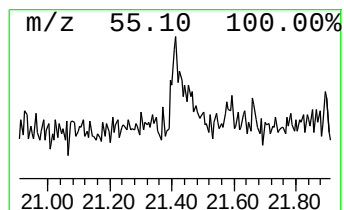
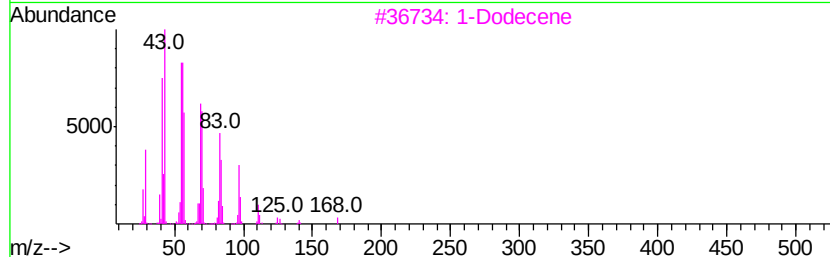
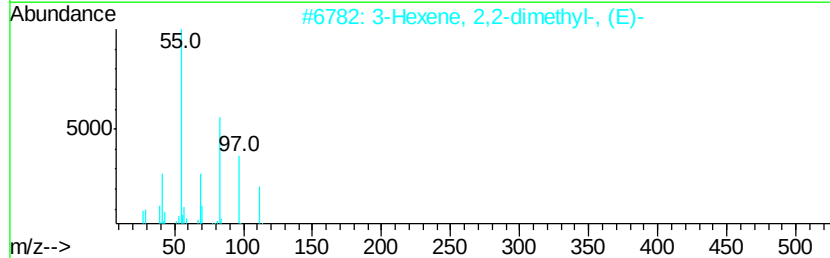
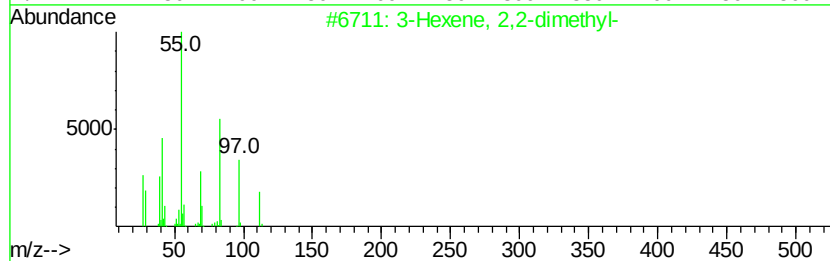
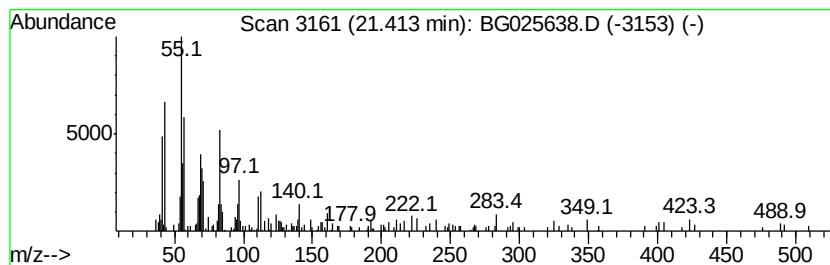
Instrument :
BNA_G
ClientSampleId :
BDN25

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.41 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.68 ng/ul	245296	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Hexene, 2,2-dimethyl-		112 C8H16	003123-93-1 53
2	3-Hexene, 2,2-dimethyl-, (E)-		112 C8H16	000690-93-7 53
3	1-Dodecene		168 C12H24	000112-41-4 46
4	5-Octadecene, (E)-		252 C18H36	007206-21-5 46
5	3-Ethyl-3-hexene		112 C8H16	016789-51-8 46



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025638.D
Acq On : 25 Jan 2017 17:41
Operator : SJ/MA
Sample : I1362-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

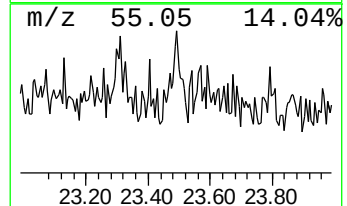
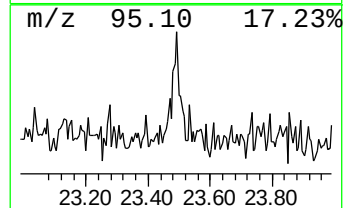
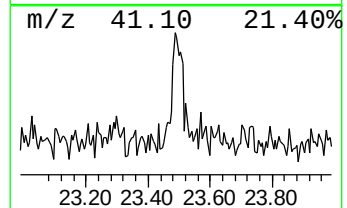
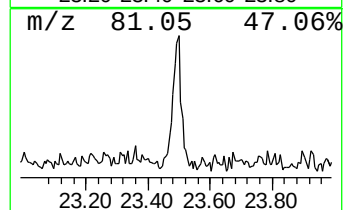
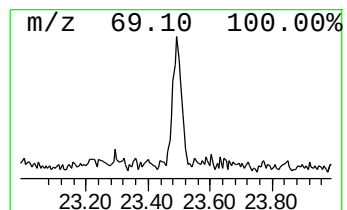
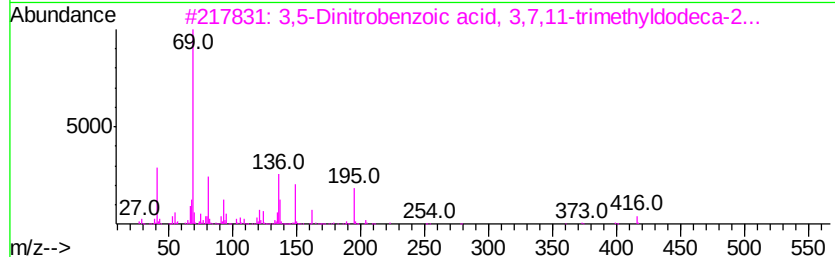
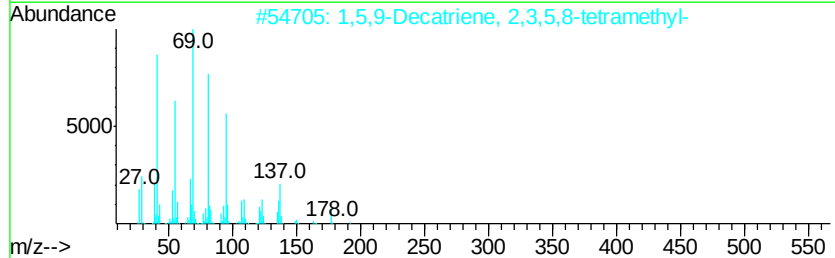
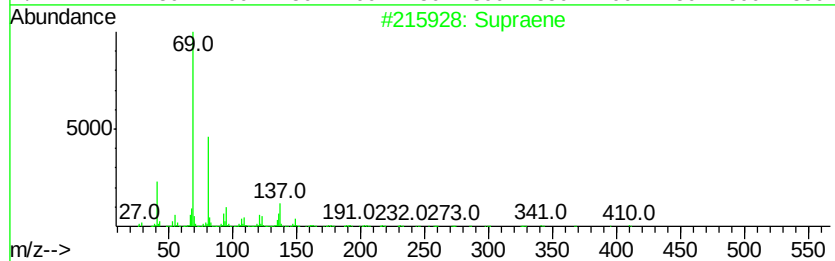
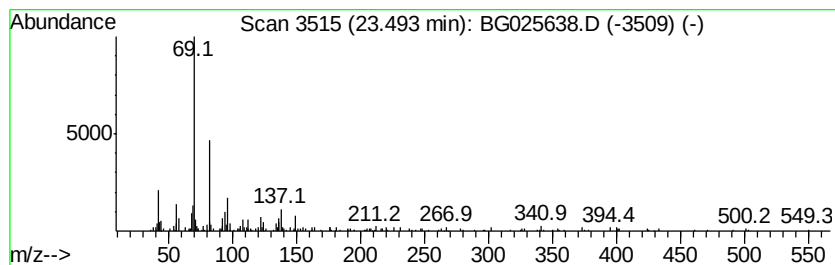
Instrument :
BNA_G
ClientSampleId :
BDN25

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	2.16 ng/ul	197462	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 80
2	1,5,9-Decatriene, 2,3,5,8-tetram...		192 C14H24	230646-72-7 64
3	3,5-Dinitrobenzoic acid, 3,7,11-...		416 C22H28N2O6	054605-44-6 64
4	trans-Farnesol		222 C15H26O	000106-28-5 59
5	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025638.D
Acq On : 25 Jan 2017 17:41
Operator : SJ/MA
Sample : I1362-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN25

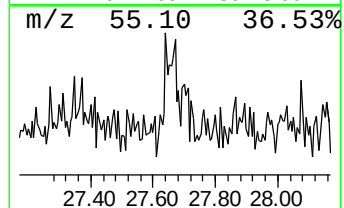
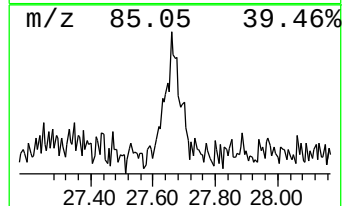
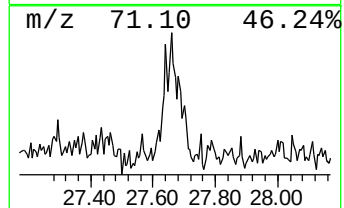
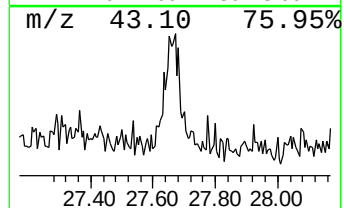
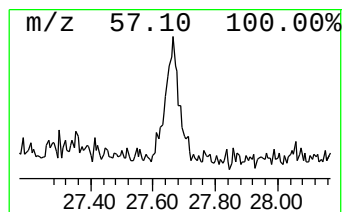
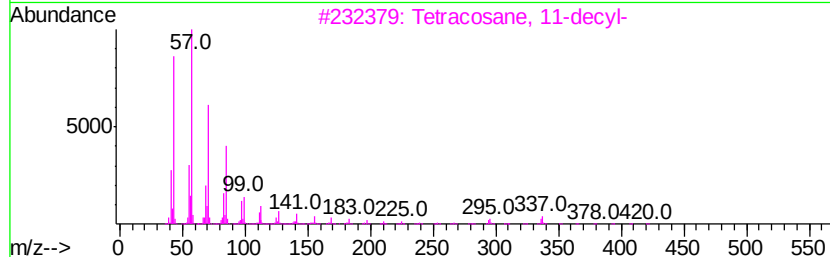
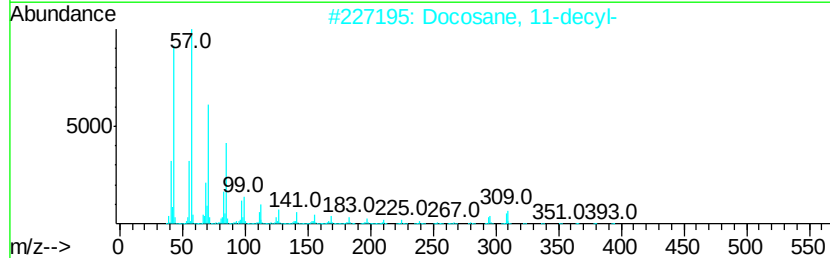
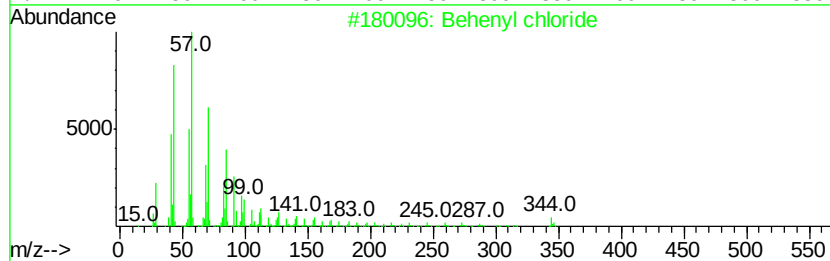
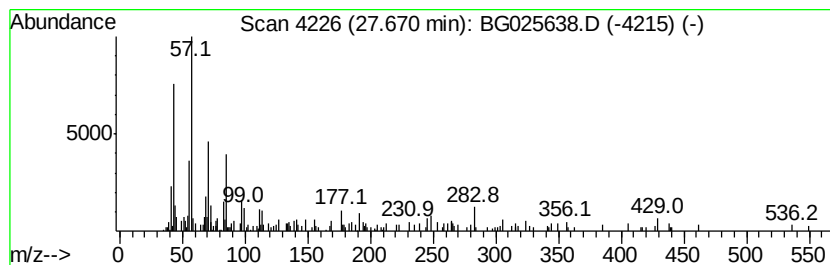
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Behenyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	2.43 ng/ul	222479	Perylene-d12	25.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenyl chloride	344	C22H45Cl	042217-03-8	93
2		Docosane, 11-decyl-	451	C32H66	055401-55-3	62
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	62
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	62
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025638.D
Acq On : 25 Jan 2017 17:41
Operator : SJ/MA
Sample : I1362-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN25

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
1-Pentanol, 4-met...	3.08	4.8	ng/ul	115010	1	8.18	481478	20.0
Hexadecanoic acid...	19.79	86.6	ng/ul	7922170	5	21.85	1829980	20.0
Octadecanoic acid...	20.83	75.7	ng/ul	6926270	5	21.85	1829980	20.0
(DEL) Alkane: Cyc...	21.41	2.7	ng/ul	245296	5	21.85	1829980	20.0
Supraene	23.49	2.2	ng/ul	197462	5	21.85	1829980	20.0
Behenyl chloride	27.67	2.4	ng/ul	222479	6	25.23	1833410	20.0