

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
 Data File : BG019636.D
 Acq On : 16 Nov 2015 4:54
 Operator : UM/NP
 Sample : G4309-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KT0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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	2.870	3	5	10	rVB3	6123	7233	0.62%	0.050%
2	3.099	38	44	53	rBV	33186	68759	5.89%	0.474%
3	3.175	53	57	65	rVB	115016	170839	14.64%	1.178%
4	3.457	102	105	114	rVB	6312	8821	0.76%	0.061%
5	5.191	394	400	405	rVB	4909	8344	0.71%	0.058%
6	7.300	753	759	774	rVB	140278	249182	21.35%	1.718%
7	7.470	779	788	796	rBV	112649	179786	15.40%	1.239%
8	7.682	817	824	835	rVB	133672	223296	19.13%	1.539%
9	8.158	895	905	911	rBV2	127254	210376	18.03%	1.450%
10	8.863	1018	1025	1035	rBV	177135	304421	26.08%	2.098%
11	9.327	1097	1104	1112	rBV	139362	242908	20.81%	1.674%
12	9.433	1119	1122	1130	rVB3	2873	4853	0.42%	0.033%
13	10.056	1221	1228	1235	rBV2	123195	218927	18.76%	1.509%
14	10.297	1260	1269	1278	rBV2	60855	133953	11.48%	0.923%
15	10.355	1278	1279	1286	rVB2	2900	3305	0.28%	0.023%
16	10.602	1313	1321	1331	rBV	189879	335619	28.76%	2.314%
17	10.737	1339	1344	1350	rBV2	3567	5923	0.51%	0.041%
18	10.984	1379	1386	1395	rBV	167094	302860	25.95%	2.088%
19	11.113	1402	1408	1416	rBV	150933	267156	22.89%	1.842%
20	11.754	1512	1517	1522	rBV3	5128	9631	0.83%	0.066%
21	11.977	1553	1555	1565	rVB2	2798	4556	0.39%	0.031%
22	12.559	1650	1654	1658	rBV3	3468	5294	0.45%	0.036%
23	13.064	1734	1740	1751	rBV2	65247	113836	9.75%	0.785%
24	13.146	1751	1754	1759	rVB2	7222	10677	0.91%	0.074%
25	13.387	1790	1795	1802	rVB2	11371	17267	1.48%	0.119%
26	13.593	1825	1830	1836	rVB3	4039	6791	0.58%	0.047%
27	13.710	1845	1850	1854	rBV4	2751	4794	0.41%	0.033%
28	14.186	1923	1931	1935	rVV	370743	550383	47.16%	3.794%
29	14.233	1935	1939	1945	rVV	179246	253613	21.73%	1.748%
30	14.280	1945	1947	1955	rVB5	2486	4180	0.36%	0.029%
31	14.362	1957	1961	1966	rBV2	2519	4044	0.35%	0.028%
32	14.409	1966	1969	1974	rVV3	3039	4447	0.38%	0.031%
33	14.486	1974	1982	1989	rVB	399214	606094	51.93%	4.178%
34	14.662	2006	2012	2018	rBV	20508	27417	2.35%	0.189%

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35	14.733	2021	2024	2027	rBV2	2948	3670	0.31%	0.025%
36	14.791	2027	2034	2042	rVB2	297380	487895	41.80%	3.363%
37	14.973	2059	2065	2072	rBV	194864	301783	25.86%	2.080%
38	15.167	2093	2098	2101	rBV5	3949	6243	0.53%	0.043%
39	15.273	2110	2116	2118	rBV3	5996	7388	0.63%	0.051%
40	15.344	2124	2128	2133	rVB5	4426	5229	0.45%	0.036%
41	15.561	2161	2165	2168	rBV2	5390	7846	0.67%	0.054%
42	15.608	2168	2173	2177	rVV	30909	40330	3.46%	0.278%
43	15.667	2180	2183	2187	rVV4	3470	4958	0.42%	0.034%
44	15.778	2195	2202	2211	rVB	549750	828601	71.00%	5.712%
45	15.884	2214	2220	2230	rVB	192978	286002	24.51%	1.972%
46	16.013	2235	2242	2247	rBV7	14268	25969	2.23%	0.179%
47	16.101	2254	2257	2261	rVB4	3657	5450	0.47%	0.038%
48	16.166	2264	2268	2272	rVV4	3459	5021	0.43%	0.035%
49	16.225	2274	2278	2281	rBV3	5565	6459	0.55%	0.045%
50	16.419	2306	2311	2314	rBV4	1812	3966	0.34%	0.027%
51	16.466	2314	2319	2322	rBV2	30293	40371	3.46%	0.278%
52	16.601	2336	2342	2345	rBV	8498	12764	1.09%	0.088%
53	16.654	2345	2351	2356	rBV5	8714	15903	1.36%	0.110%
54	16.718	2356	2362	2366	rBV5	9264	15410	1.32%	0.106%
55	16.760	2366	2369	2373	rVB4	5439	7075	0.61%	0.049%
56	16.807	2373	2377	2380	rBV4	4670	7313	0.63%	0.050%
57	16.842	2380	2383	2384	rVB3	3573	3097	0.27%	0.021%
58	16.865	2384	2387	2390	rVB4	5182	6135	0.53%	0.042%
59	16.918	2390	2396	2400	rVB7	10366	21958	1.88%	0.151%
60	16.971	2400	2405	2411	rBV3	12007	20486	1.76%	0.141%
61	17.194	2441	2443	2449	rBV4	1904	3351	0.29%	0.023%
62	17.253	2449	2453	2458	rBV3	16491	21266	1.82%	0.147%
63	17.312	2458	2463	2466	rBV5	6068	9982	0.86%	0.069%
64	17.418	2474	2481	2483	rBV6	3234	4996	0.43%	0.034%
65	17.529	2493	2500	2506	rVV2	453854	674716	57.81%	4.651%
66	17.576	2506	2508	2511	rVV3	5510	7265	0.62%	0.050%
67	17.629	2511	2517	2523	rVV2	637605	948918	81.31%	6.541%
68	17.741	2533	2536	2541	rVB7	2242	3119	0.27%	0.022%
69	17.788	2541	2544	2546	rBV3	3448	4045	0.35%	0.028%
70	17.882	2555	2560	2561	rBV3	4502	4276	0.37%	0.029%
71	18.299	2623	2631	2635	rBV7	6245	13257	1.14%	0.091%

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72	18.346	2635	2639	2641	rBV4	2315	2944	0.25%	0.020%
73	18.387	2641	2646	2651	rBV5	21951	35072	3.01%	0.242%
74	18.469	2656	2660	2664	rVB2	6318	10273	0.88%	0.071%
75	18.681	2692	2696	2698	rBV4	6237	7082	0.61%	0.049%
76	18.851	2723	2725	2727	rVB3	3373	2880	0.25%	0.020%
77	18.904	2730	2734	2738	rVB2	9502	14589	1.25%	0.101%
78	18.992	2746	2749	2752	rVB5	7458	8693	0.74%	0.060%
79	19.157	2774	2777	2780	rVB5	9442	11720	1.00%	0.081%
80	19.239	2788	2791	2798	rVB3	24184	31122	2.67%	0.215%
81	19.309	2799	2803	2806	rVV3	9910	13043	1.12%	0.090%
82	19.533	2838	2841	2843	rBV4	10385	11994	1.03%	0.083%
83	19.556	2843	2845	2850	rVB5	10296	9219	0.79%	0.064%
84	19.785	2880	2884	2890	rBV3	31019	45074	3.86%	0.311%
85	19.903	2898	2904	2911	rVB	831726	1146202	98.21%	7.901%
86	20.308	2970	2973	2976	rBV3	21448	28788	2.47%	0.198%
87	21.049	3096	3099	3104	rVB2	48736	65675	5.63%	0.453%
88	21.407	3158	3160	3170	rVB8	39052	64676	5.54%	0.446%
89	21.566	3184	3187	3191	rVB3	32483	41268	3.54%	0.284%
90	21.801	3221	3227	3237	rVB	567730	982776	84.21%	6.775%
91	24.433	3669	3675	3685	rVB2	144270	343884	29.46%	2.371%
92	24.897	3745	3754	3765	rVB	414133	1167107	100.00%	8.045%
93	25.126	3784	3793	3804	rVB2	302390	859257	73.62%	5.923%
94	26.566	4028	4038	4053	rVB2	200808	740110	63.41%	5.102%
95	29.574	4538	4550	4565	rVB4	85465	403309	34.56%	2.780%
96	29.856	4596	4598	4600	rBV2	4413	4560	0.39%	0.031%
97	30.391	4688	4689	4691	rVB2	4251	2954	0.25%	0.020%
98	32.247	5002	5005	5006	rBV2	3455	4089	0.35%	0.028%
99	32.394	5028	5030	5032	rVB3	4454	3263	0.28%	0.022%
100	32.488	5044	5046	5047	rBV2	3725	2954	0.25%	0.020%

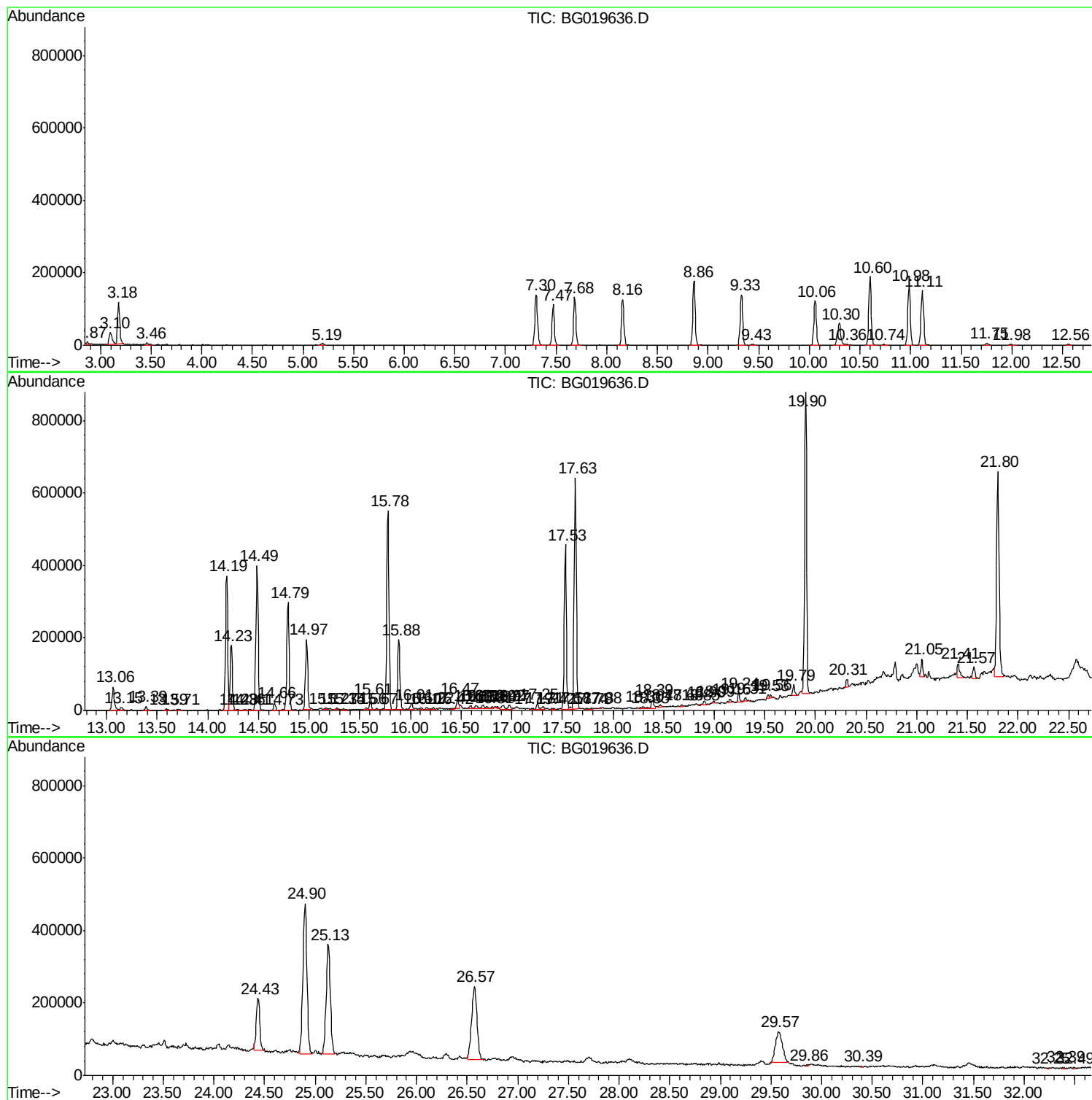
Sum of corrected areas: 14506675

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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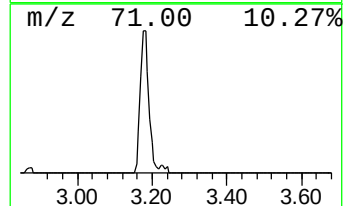
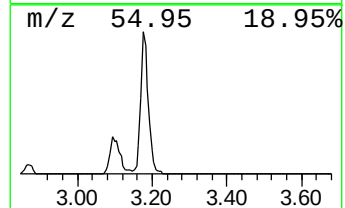
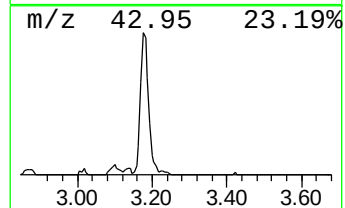
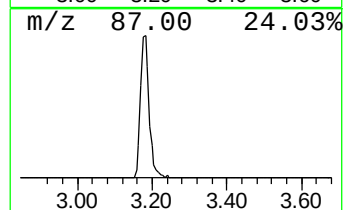
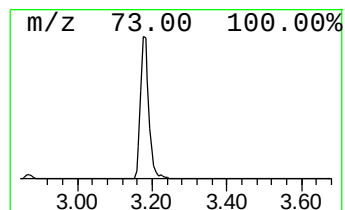
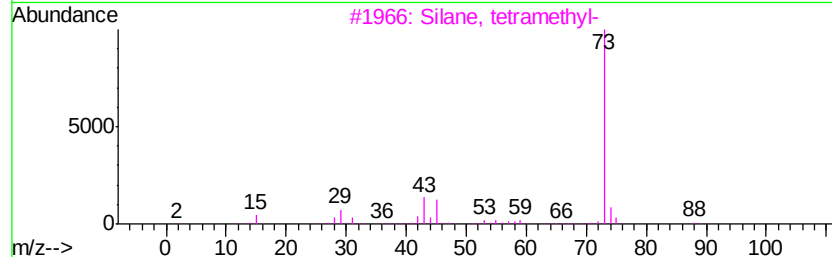
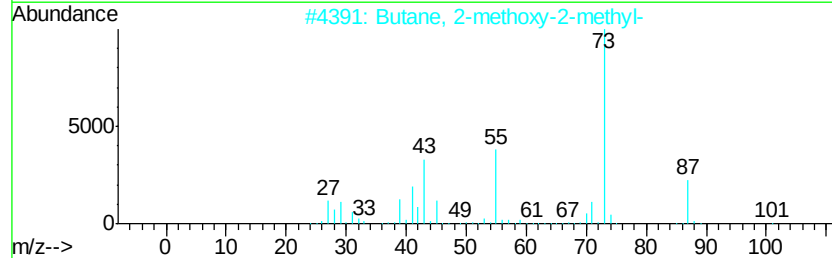
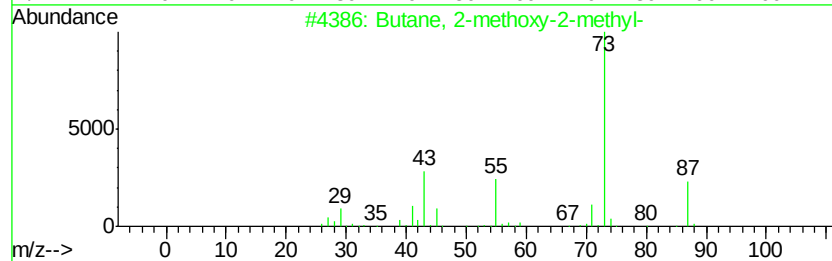
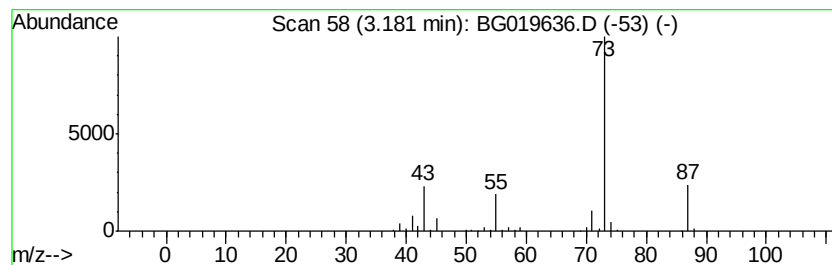
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	16.24 ng/ul	170839	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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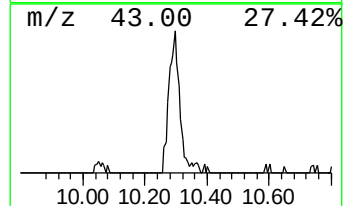
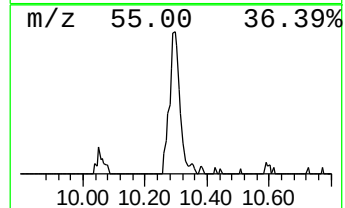
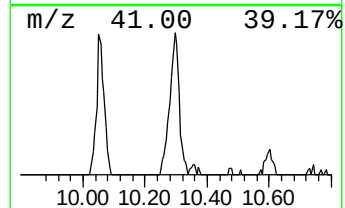
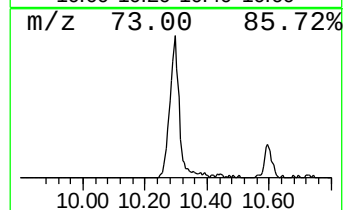
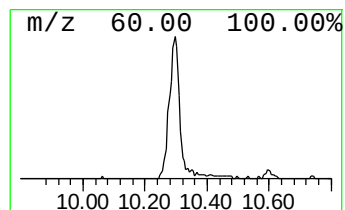
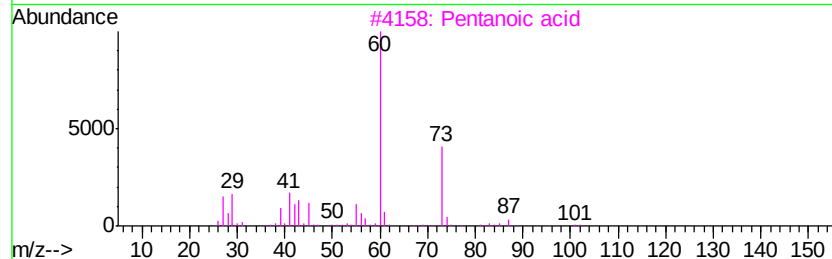
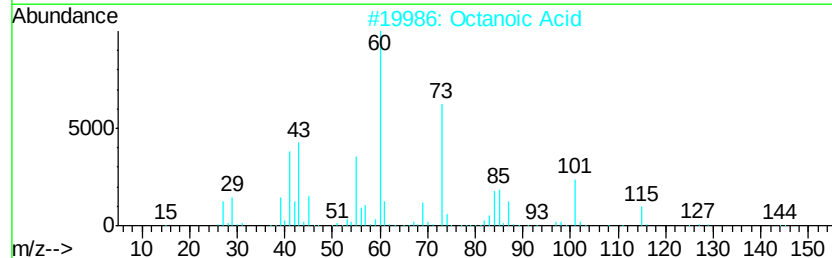
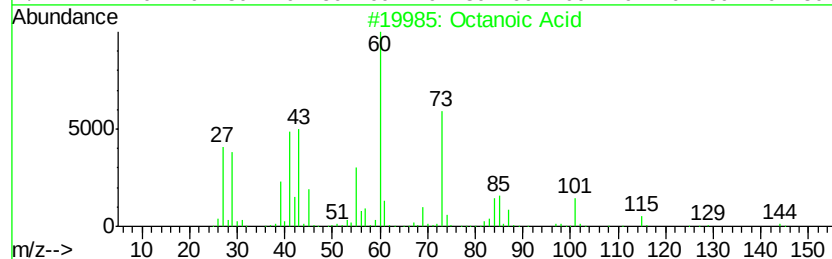
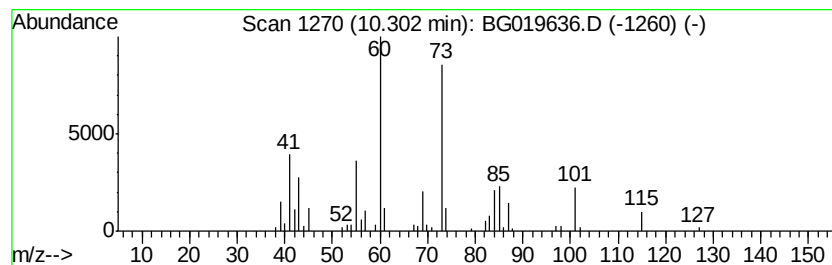
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octanoic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	8.85 ng/ul	133953	Naphthalene-d8	10.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octanoic Acid	144 C8H16O2	000124-07-2	72
2	Octanoic Acid	144 C8H16O2	000124-07-2	72
3	Pentanoic acid	102 C5H10O2	000109-52-4	50
4	Octanoic Acid	144 C8H16O2	000124-07-2	47
5	Heptanoic acid	130 C7H14O2	000111-14-8	40



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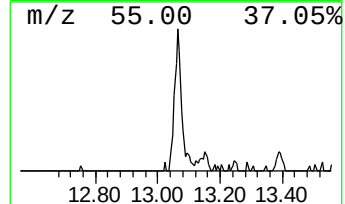
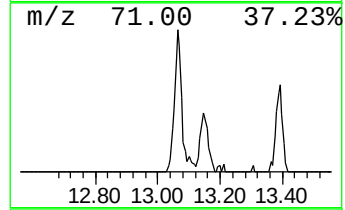
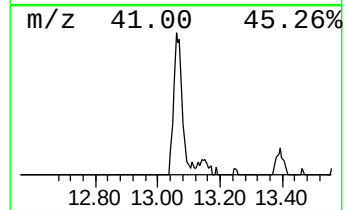
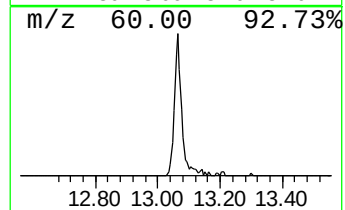
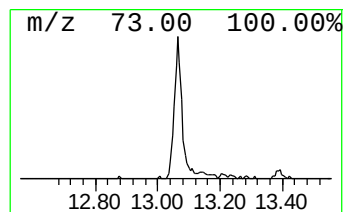
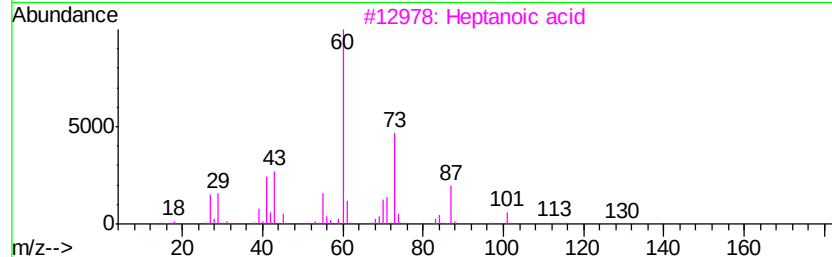
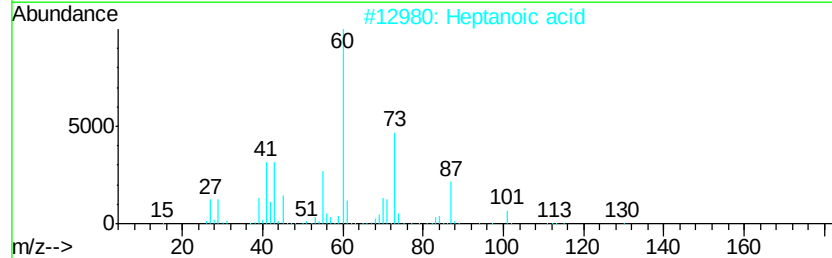
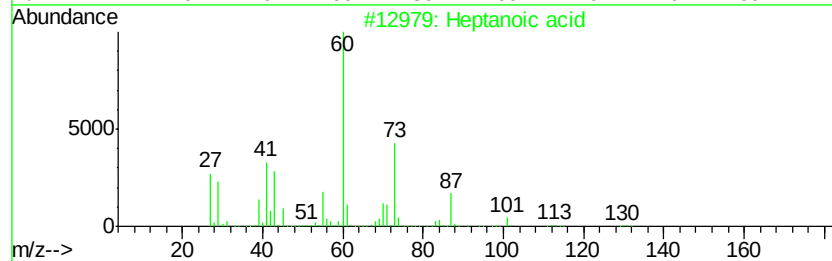
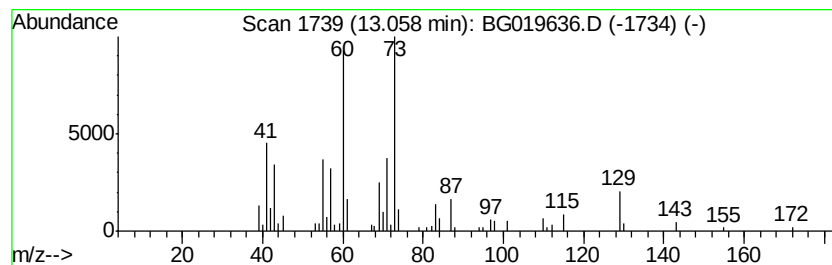
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.06	4.67 ng/ul	113836	Acenaphthene-d10		14.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanoic acid	130	C7H14O2	000111-14-8	53
2			Heptanoic acid	130	C7H14O2	000111-14-8	53
3			Heptanoic acid	130	C7H14O2	000111-14-8	45
4			Nonanoic acid	158	C9H18O2	000112-05-0	42
5			Octanoic Acid	144	C8H16O2	000124-07-2	42



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Operator : UM/NP
Sample : G4309-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KT0

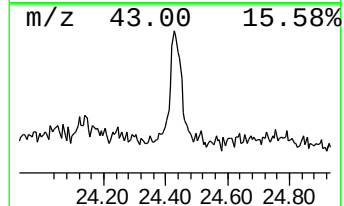
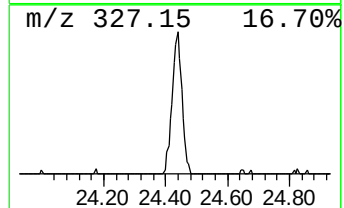
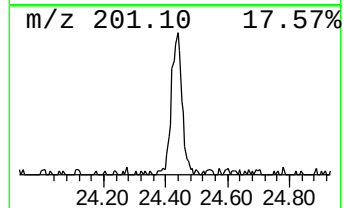
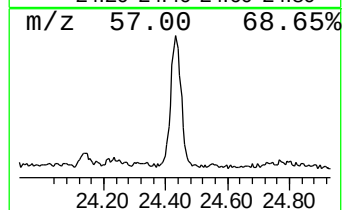
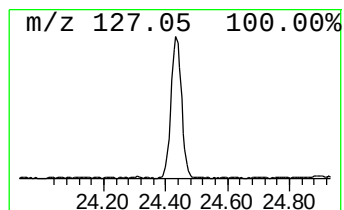
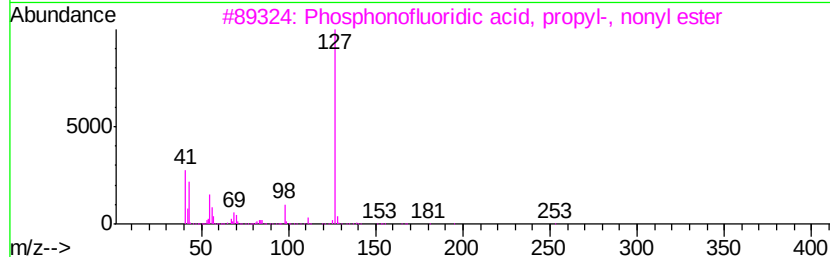
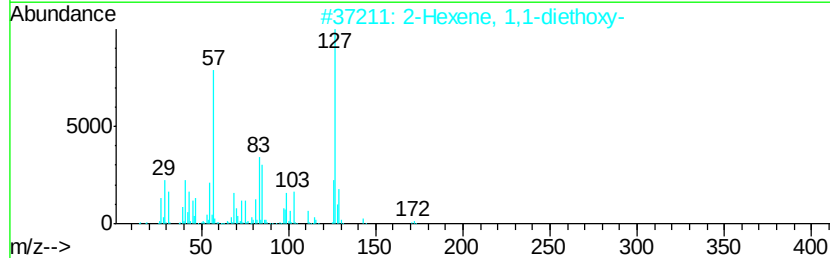
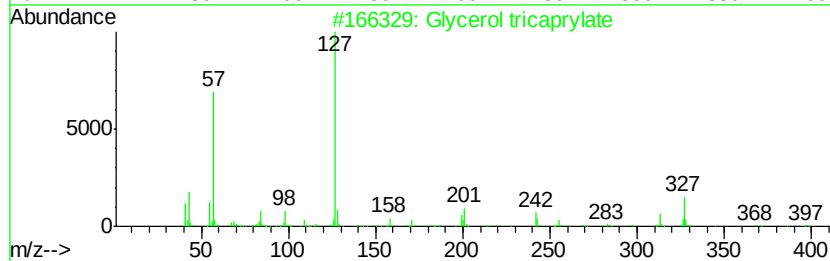
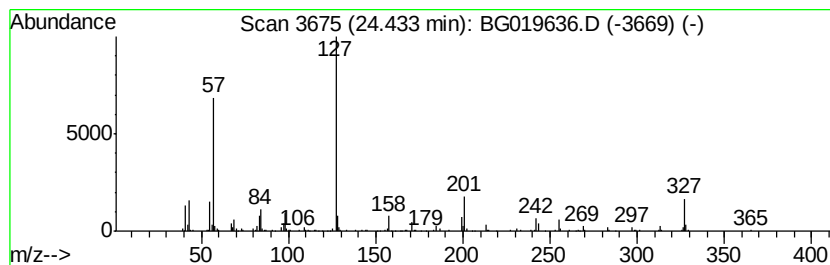
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Glycerol tricaprylate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.43	8.00 ng/ul	343884	Perylene-d12	25.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glycerol tricaprylate	470	C27H50O6	000538-23-8	91
2		2-Hexene, 1,1-diethoxy-	172	C10H20O2	054306-00-2	47
3		Phosphonofluoridic acid, propyl-...	252	C12H26F02P	333416-21-0	47
4		Propylphosphonic acid, fluoroanh...	222	C10H20F02P	1000273-53-3	47
5		Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
Data File : BG019636.D
Acq On : 16 Nov 2015 4:54
Operator : UM/NP
Sample : G4309-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KT0

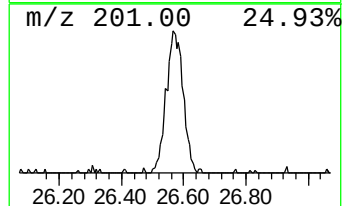
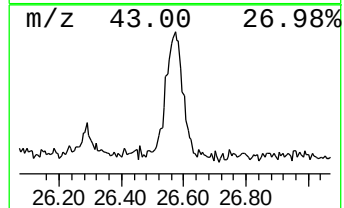
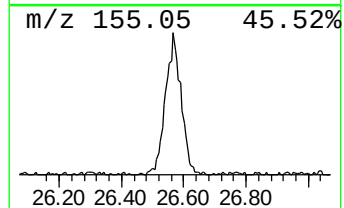
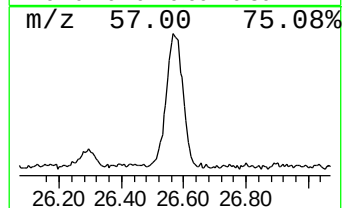
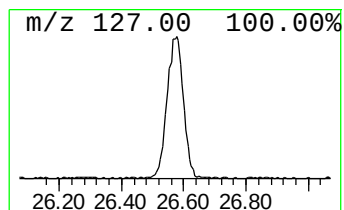
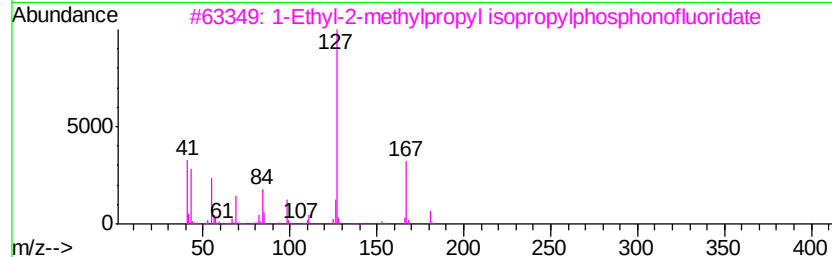
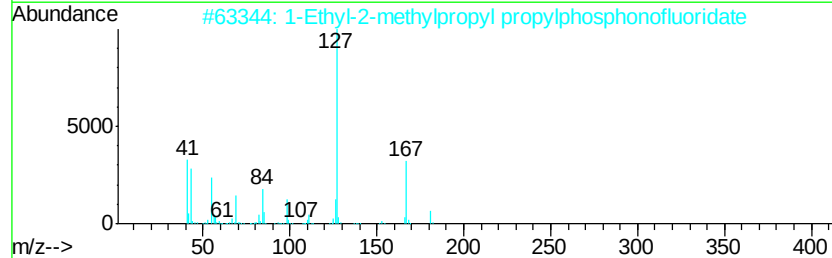
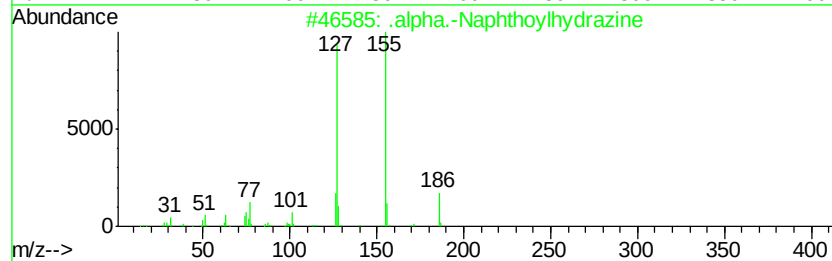
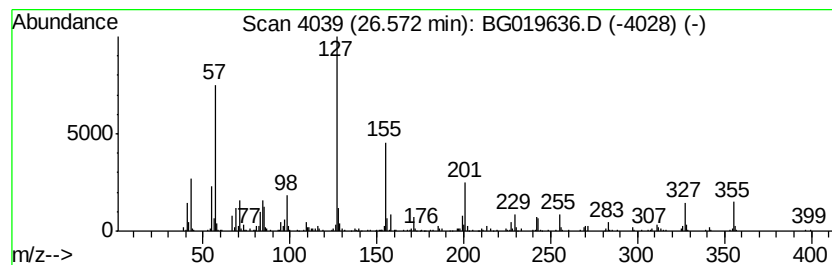
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.57	17.23 ng/ul	740110	Perylene-d12	25.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	47
2		1-Ethyl-2-methylpropyl propylpho...	210	C9H20F02P	1000298-31-2	35
3		1-Ethyl-2-methylpropyl isopropyl...	210	C9H20F02P	1000298-27-8	35
4		1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	32
5		2-Mercaptopyridine-N-oxide	127	C5H5NOS	001121-31-9	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
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Operator : UM/NP
Sample : G4309-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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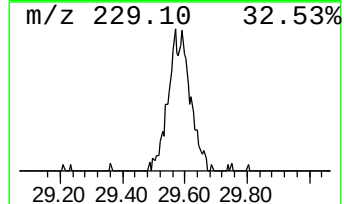
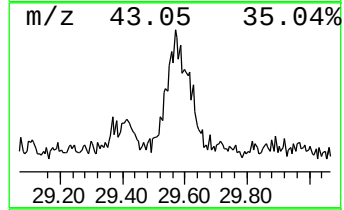
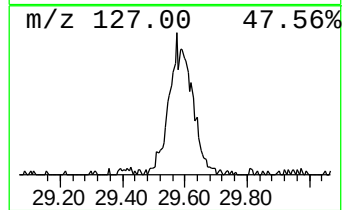
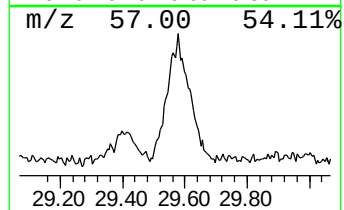
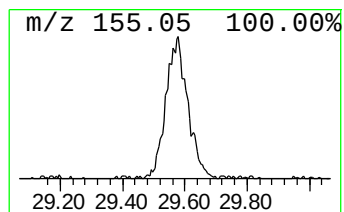
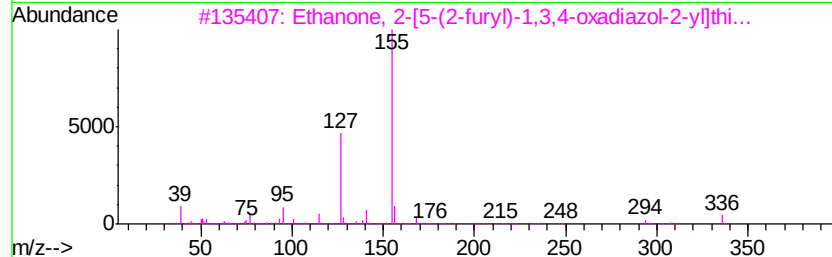
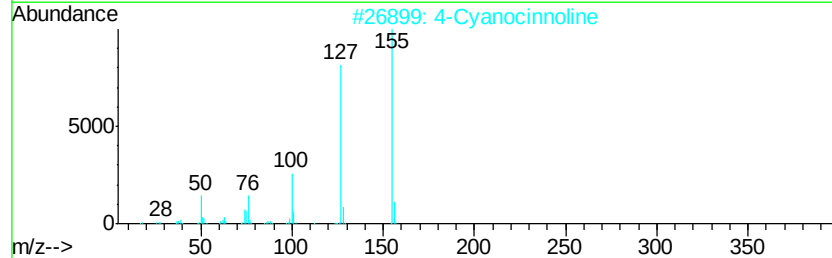
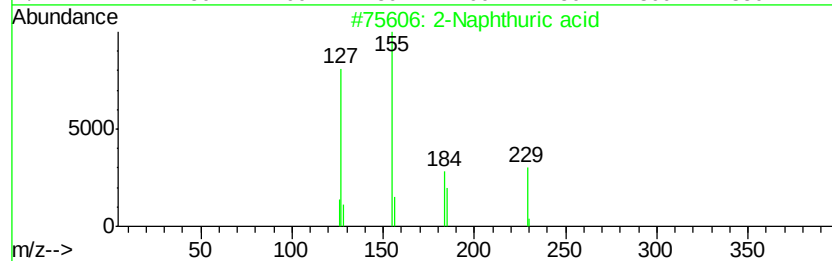
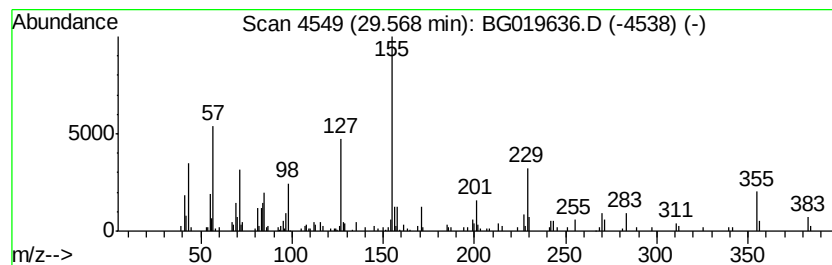
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Naphthuric acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.57	9.39 ng/ul	403309	Perylene-d12	25.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthuric acid	229	C13H11N03	069826-63-7	72
2		4-Cyanocinnoline	155	C9H5N3	016470-90-9	47
3		Ethanone, 2-[5-(2-furyl)-1,3,4-o...	336	C18H12N2O3S	296243-46-4	47
4		A-bromo-2'-acetonaphthone	248	C12H9BrO	000613-54-7	47
5		2,2,4-Trimethyl-5-oxo-2,5-dihydr...	170	C8H10O4	094072-56-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
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Acq On : 16 Nov 2015 4:54
Operator : UM/NP
Sample : G4309-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KT0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	16.2	ng/ul	170839	1	8.16	210376	20.0
Octanoic Acid	10.30	8.8	ng/ul	133953	2	10.98	302860	20.0
Heptanoic acid	13.06	4.7	ng/ul	113836	3	14.79	487895	20.0
Glycerol tricapry...	24.43	8.0	ng/ul	343884	6	25.13	859257	20.0
unknown-01	26.57	17.2	ng/ul	740110	6	25.13	859257	20.0
2-Naphthuric acid	29.57	9.4	ng/ul	403309	6	25.13	859257	20.0