

Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
 Data File : BG019759.D
 Acq On : 21 Nov 2015 18:13
 Operator : UM/NP
 Sample : G4310-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM4

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-BG111615.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	3.040	28	34	44	rBV	26041	56335	4.33%	0.446%
2	3.122	44	48	61	rVB	98108	145140	11.16%	1.149%
3	3.404	91	96	101	rBV2	6193	9584	0.74%	0.076%
4	5.155	388	394	400	rVB2	10758	18777	1.44%	0.149%
5	7.264	746	753	764	rVB	142851	250678	19.27%	1.985%
6	7.429	775	781	788	rBV	105926	169947	13.06%	1.346%
7	7.640	810	817	824	rVB	131436	220295	16.93%	1.744%
8	8.116	890	898	903	rBV	85330	144444	11.10%	1.144%
9	8.163	903	906	909	rVB3	3780	5439	0.42%	0.043%
10	8.821	1011	1018	1027	rVB	187651	307538	23.64%	2.435%
11	9.285	1089	1097	1107	rBV	141828	243743	18.73%	1.930%
12	9.409	1114	1118	1123	rBV	2525	6037	0.46%	0.048%
13	10.014	1214	1221	1229	rBV	125179	220084	16.92%	1.743%
14	10.273	1254	1265	1280	rBV	76047	193714	14.89%	1.534%
15	10.560	1305	1314	1323	rBV	179441	319539	24.56%	2.530%
16	10.701	1333	1338	1343	rVB2	2762	5038	0.39%	0.040%
17	10.942	1372	1379	1387	rBB	118750	205570	15.80%	1.628%
18	11.072	1394	1401	1410	rBV	150315	271110	20.84%	2.147%
19	11.724	1507	1512	1519	rVB	6682	12798	0.98%	0.101%
20	11.935	1545	1548	1554	rBV4	4755	8550	0.66%	0.068%
21	12.446	1631	1635	1640	rVB3	2822	3974	0.31%	0.031%
22	12.517	1643	1647	1652	rVB2	2846	4331	0.33%	0.034%
23	13.040	1729	1736	1743	rBV	99531	184955	14.22%	1.464%
24	13.351	1785	1789	1795	rVB3	7319	10869	0.84%	0.086%
25	13.557	1821	1824	1829	rVB	2823	2954	0.23%	0.023%
26	13.669	1839	1843	1847	rBV	4487	6094	0.47%	0.048%
27	13.962	1887	1893	1895	rBV2	2059	2597	0.20%	0.021%
28	14.150	1917	1925	1929	rBV	372711	532048	40.90%	4.213%
29	14.197	1929	1933	1940	rVB	178099	243955	18.75%	1.932%
30	14.379	1958	1964	1969	rBV3	3001	5190	0.40%	0.041%
31	14.450	1969	1976	1983	rBV	386597	579894	44.57%	4.592%
32	14.620	2000	2005	2010	rVB3	11478	15609	1.20%	0.124%
33	14.755	2022	2028	2036	rVB2	218459	340648	26.18%	2.697%
34	14.944	2053	2060	2067	rBV	203942	320154	24.61%	2.535%

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35	15.179	2097	2100	2103	rVB3	2455	3280	0.25%	0.026%
36	15.237	2106	2110	2115	rBV4	3542	5853	0.45%	0.046%
37	15.308	2119	2122	2126	rVB3	2368	3719	0.29%	0.029%
38	15.525	2153	2159	2161	rBV2	4426	4953	0.38%	0.039%
39	15.572	2161	2167	2172	rVB	19460	27483	2.11%	0.218%
40	15.631	2172	2177	2179	rBV3	2719	4245	0.33%	0.034%
41	15.743	2189	2196	2203	rVB	543467	809157	62.19%	6.407%
42	15.854	2210	2215	2223	rVB	216491	306214	23.54%	2.425%
43	15.978	2226	2236	2240	rBV6	10467	21553	1.66%	0.171%
44	16.066	2248	2251	2257	rVB5	3373	5036	0.39%	0.040%
45	16.130	2258	2262	2263	rBV	2780	2617	0.20%	0.021%
46	16.189	2269	2272	2277	rVB5	3743	5069	0.39%	0.040%
47	16.430	2309	2313	2316	rBV2	19338	27253	2.09%	0.216%
48	16.559	2331	2335	2339	rVB2	5877	7354	0.57%	0.058%
49	16.618	2339	2345	2350	rBV3	6773	12346	0.95%	0.098%
50	16.683	2352	2356	2358	rVV3	7220	8140	0.63%	0.064%
51	16.718	2361	2362	2368	rVB3	3795	4094	0.31%	0.032%
52	16.777	2368	2372	2374	rBV3	3794	6096	0.47%	0.048%
53	16.830	2378	2381	2384	rVB4	3655	4271	0.33%	0.034%
54	16.877	2384	2389	2395	rVB5	9185	20293	1.56%	0.161%
55	16.947	2396	2401	2404	rBV4	9975	13395	1.03%	0.106%
56	17.018	2411	2413	2421	rVB4	4771	7428	0.57%	0.059%
57	17.223	2443	2448	2452	rBV2	12289	17199	1.32%	0.136%
58	17.276	2454	2457	2461	rVB3	5776	6379	0.49%	0.051%
59	17.493	2488	2494	2500	rBV	346178	504028	38.74%	3.991%
60	17.546	2500	2503	2504	rVV3	4307	4473	0.34%	0.035%
61	17.593	2505	2511	2520	rVB2	667058	988357	75.97%	7.826%
62	17.752	2535	2538	2543	rVB4	4204	5174	0.40%	0.041%
63	17.846	2551	2554	2557	rBV4	2663	4045	0.31%	0.032%
64	17.958	2569	2573	2577	rBV4	3721	4878	0.37%	0.039%
65	18.257	2616	2624	2629	rVB7	4186	10173	0.78%	0.081%
66	18.357	2637	2641	2648	rVV2	37696	51933	3.99%	0.411%
67	18.434	2651	2654	2658	rVB	5231	6596	0.51%	0.052%
68	18.651	2686	2691	2695	rBV6	4686	7487	0.58%	0.059%
69	18.774	2710	2712	2716	rBV3	4981	4924	0.38%	0.039%
70	18.868	2724	2728	2732	rVB3	5119	5789	0.44%	0.046%
71	18.956	2738	2743	2748	rBV5	9221	13918	1.07%	0.110%

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72	19.121	2767	2771	2773	rBV3	5609	7168	0.55%	0.057%
73	19.209	2781	2786	2790	rBV3	16832	23571	1.81%	0.187%
74	19.268	2794	2796	2800	rBV4	4272	5867	0.45%	0.046%
75	19.509	2833	2837	2838	rBV	9649	12121	0.93%	0.096%
76	19.620	2852	2856	2860	rBV5	10645	14213	1.09%	0.113%
77	19.750	2874	2878	2884	rVB3	20295	31649	2.43%	0.251%
78	19.814	2886	2889	2891	rBV3	8066	9222	0.71%	0.073%
79	19.873	2893	2899	2907	rVB	906633	1271139	97.70%	10.065%
80	20.273	2965	2967	2970	rBV	12631	12659	0.97%	0.100%
81	20.754	3045	3049	3053	rVB	28393	35884	2.76%	0.284%
82	20.966	3082	3085	3089	rBV2	22708	29555	2.27%	0.234%
83	21.013	3090	3093	3097	rVB	42994	53913	4.14%	0.427%
84	21.083	3103	3105	3113	rVB	24490	30200	2.32%	0.239%
85	21.371	3151	3154	3163	rVB2	36377	58670	4.51%	0.465%
86	21.524	3176	3180	3189	rVB2	33782	57215	4.40%	0.453%
87	21.600	3189	3193	3196	rBV4	14678	26933	2.07%	0.213%
88	21.765	3214	3221	3228	rVB	421602	695090	53.43%	5.504%
89	23.251	3469	3474	3485	rVB10	17023	35101	2.70%	0.278%
90	23.451	3501	3508	3515	rBV2	46805	103359	7.94%	0.818%
91	24.068	3608	3613	3620	rVB5	16295	30920	2.38%	0.245%
92	24.368	3659	3664	3669	rVB5	11638	24535	1.89%	0.194%
93	24.832	3732	3743	3758	rVB2	455381	1301009	100.00%	10.302%
94	25.061	3771	3782	3793	rVB2	234603	694577	53.39%	5.500%
95	25.455	3847	3849	3850	rBV2	3560	2994	0.23%	0.024%
96	26.189	3966	3974	3975	rBV5	18691	34129	2.62%	0.270%
97	27.041	4117	4119	4121	rBV3	3170	3735	0.29%	0.030%
98	29.756	4579	4581	4583	rBV3	2919	2845	0.22%	0.023%
99	30.925	4777	4780	4781	rBV3	3426	3550	0.27%	0.028%
100	32.364	5023	5025	5028	rBV4	3496	4640	0.36%	0.037%

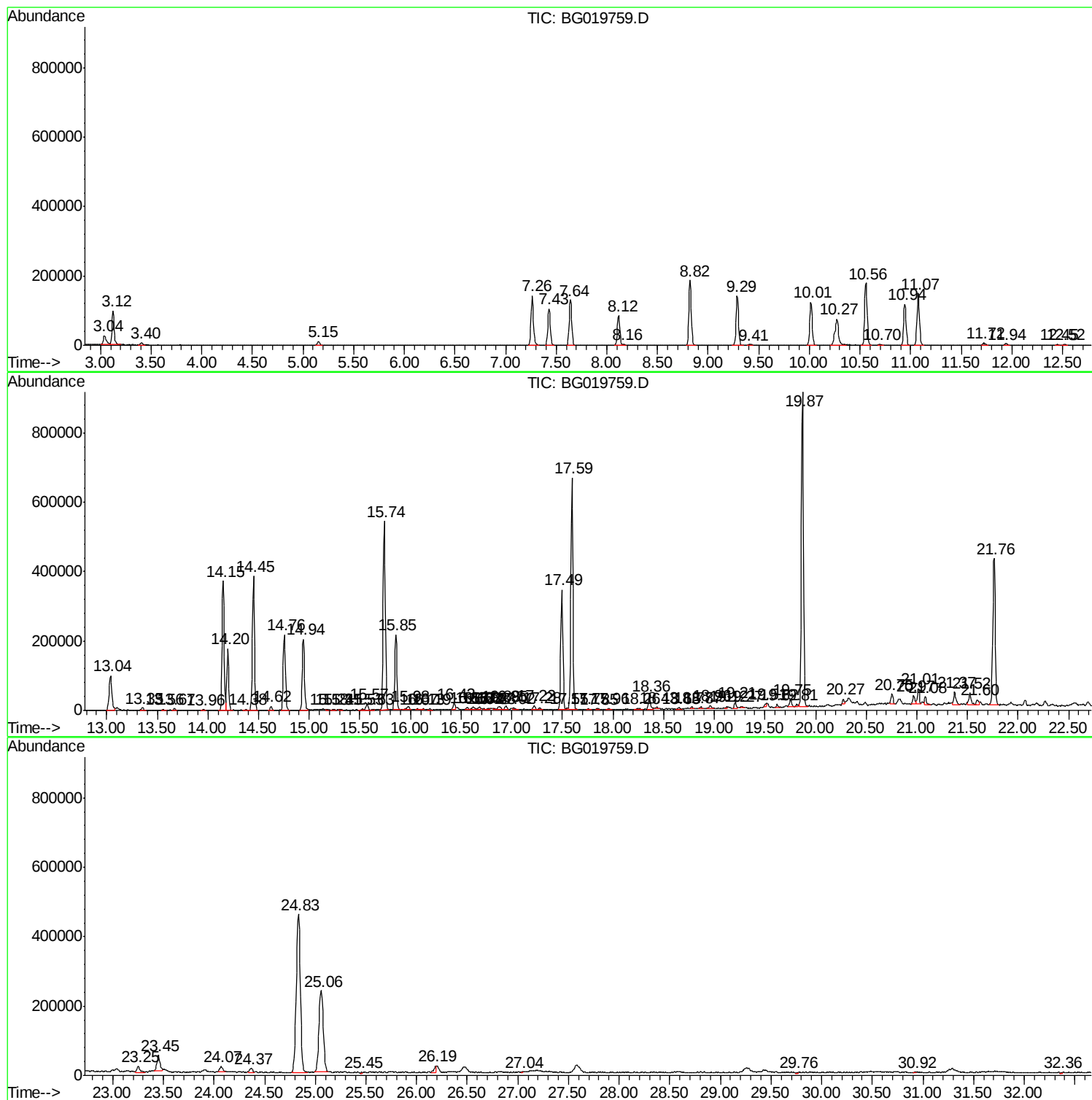
Sum of corrected areas: 12629297

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



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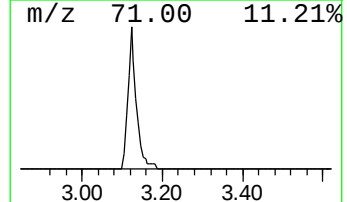
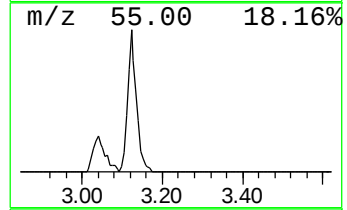
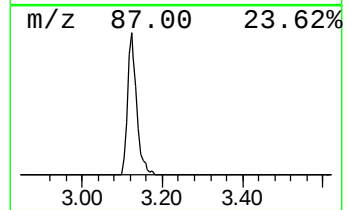
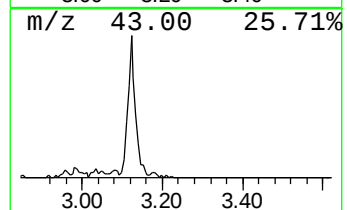
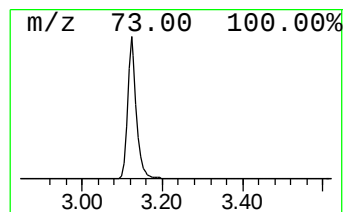
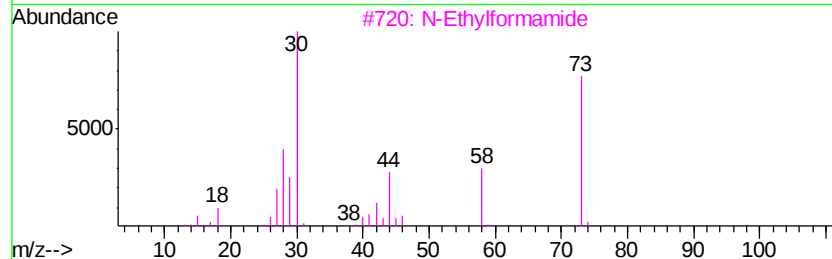
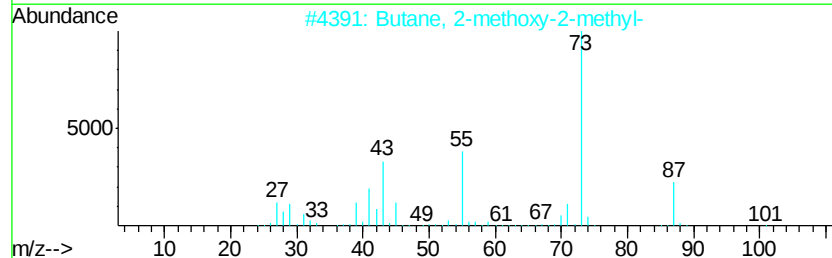
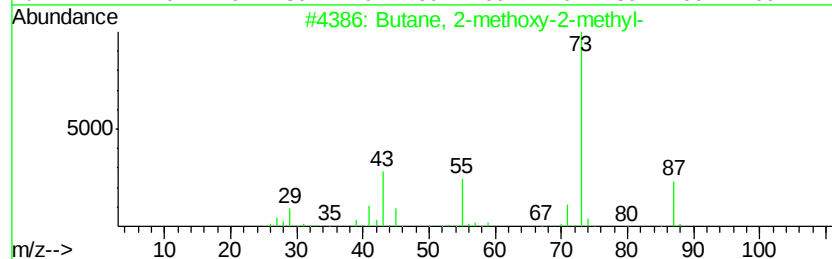
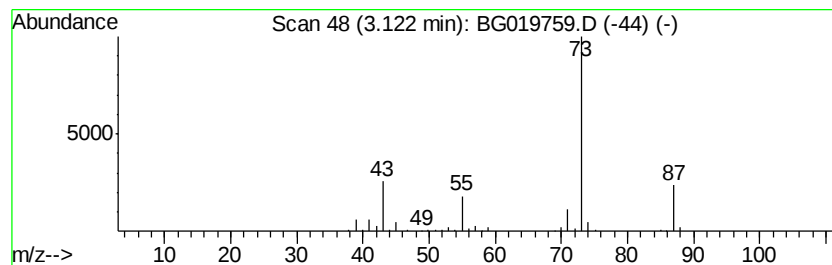
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	20.10 ng/ul	145140	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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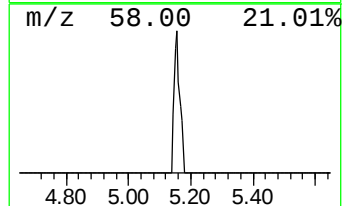
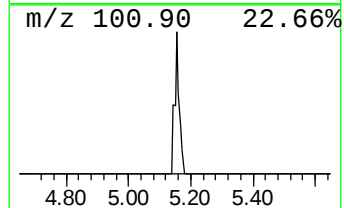
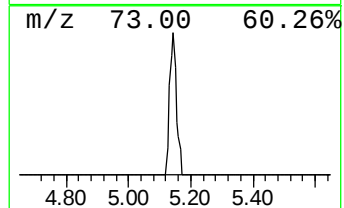
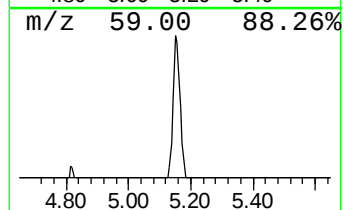
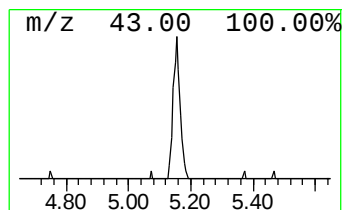
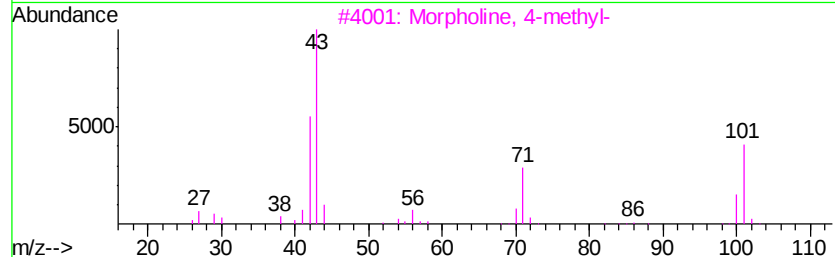
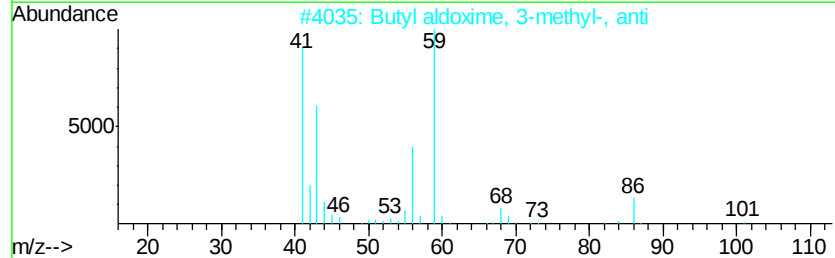
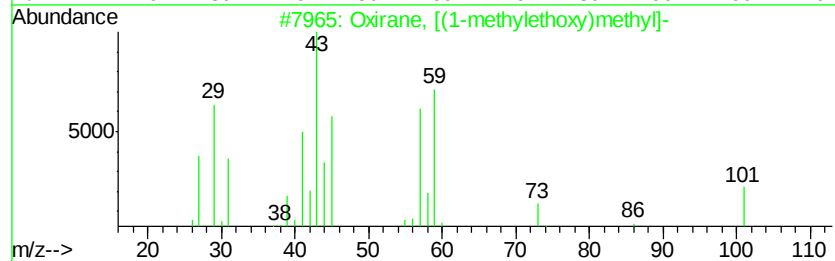
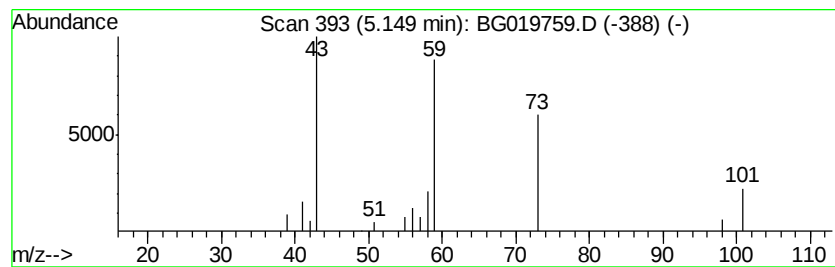
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.60 ng/ul	18777	1,4-Dichlorobenzene-d4	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	43
2			Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	10
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Propylamine	59	C3H9N	000107-10-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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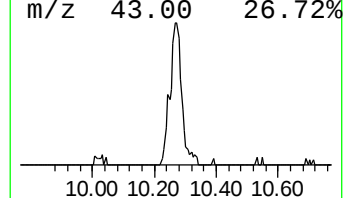
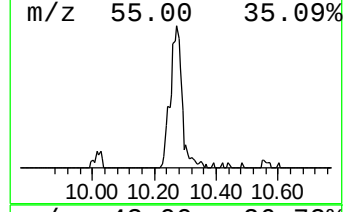
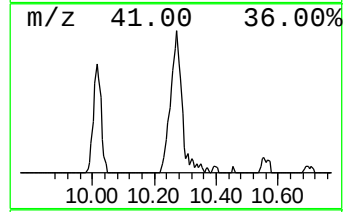
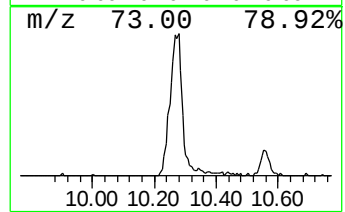
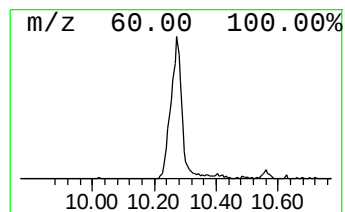
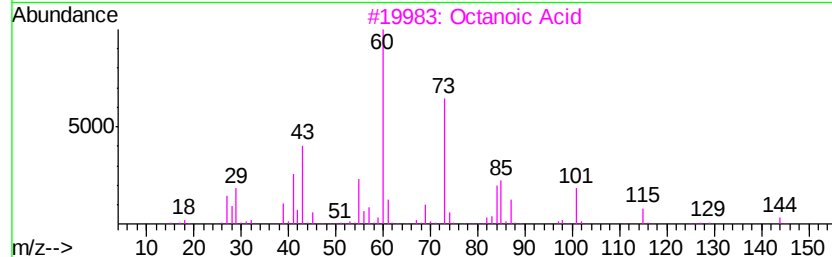
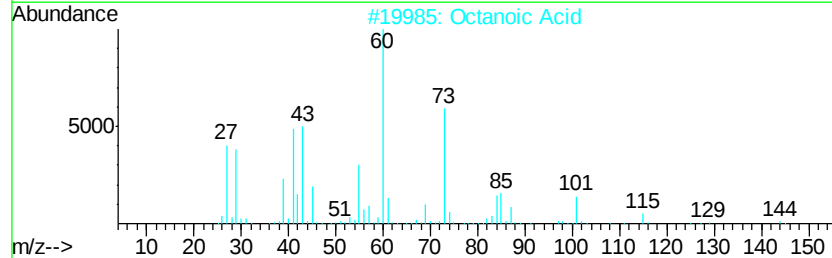
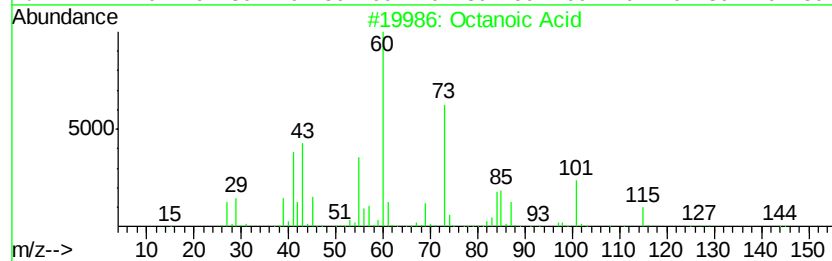
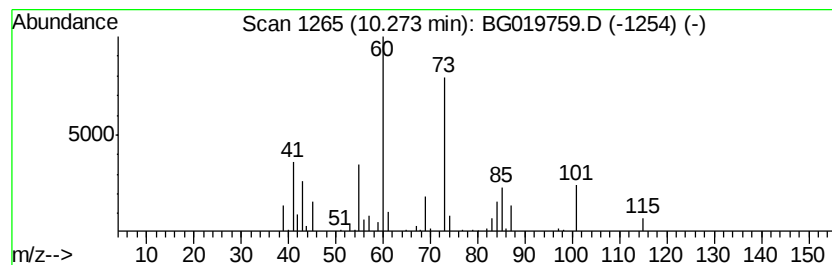
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octanoic Acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	18.85 ng/ul	193714	Naphthalene-d8	10.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid		144	C8H16O2	000124-07-2	86
2	Octanoic Acid		144	C8H16O2	000124-07-2	83
3	Octanoic Acid		144	C8H16O2	000124-07-2	43
4	Heptanoic acid		130	C7H14O2	000111-14-8	42
5	Hexanoic acid		116	C6H12O2	000142-62-1	40



Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019759.D
Acq On : 21 Nov 2015 18:13
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KM4

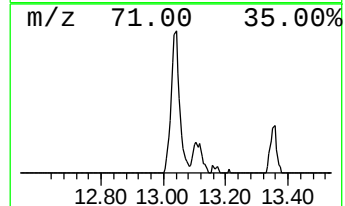
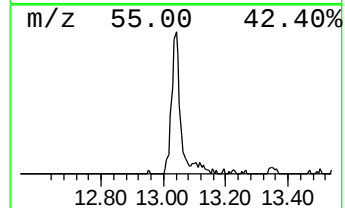
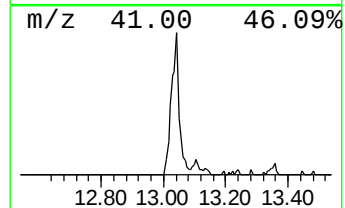
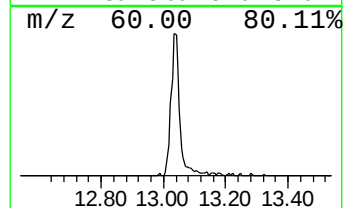
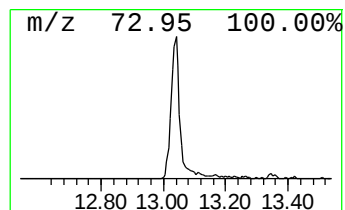
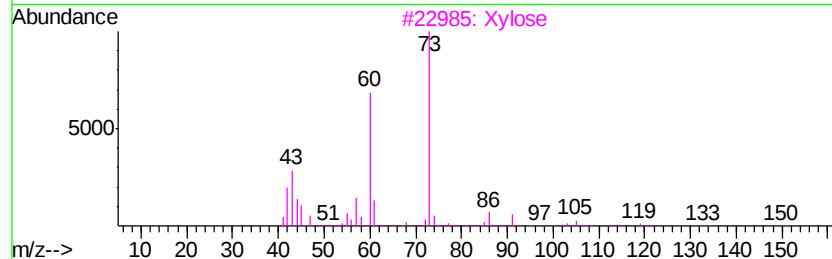
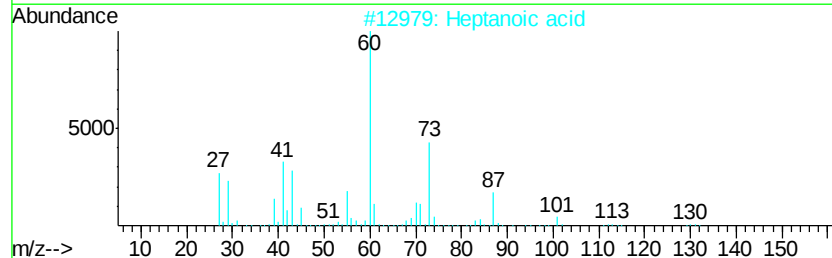
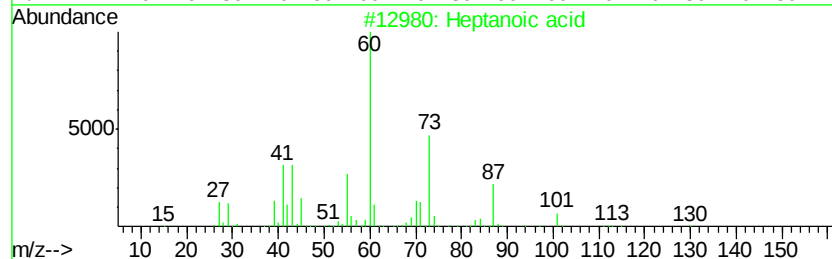
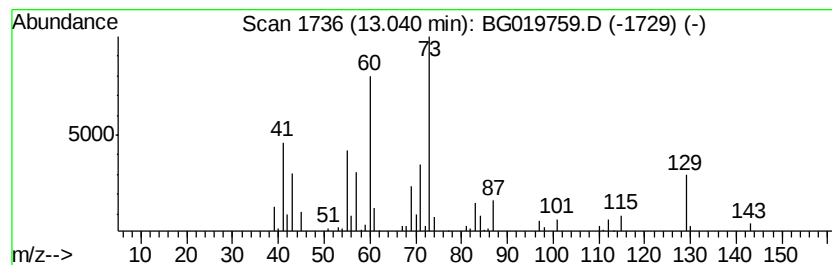
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	10.86 ng/ul	184955	Acenaphthene-d10	14.76

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	Xylose		150	C5H10O5	000058-86-6	43
4	Heptanoic acid		130	C7H14O2	000111-14-8	42
5	Heptanoic acid		130	C7H14O2	000111-14-8	42



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Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KM4

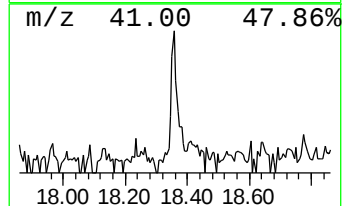
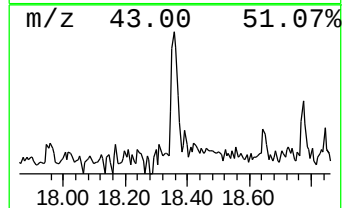
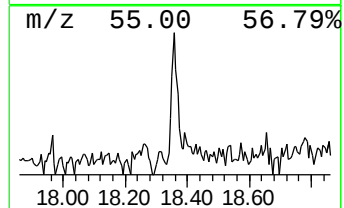
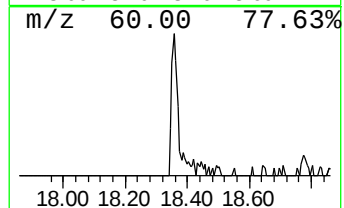
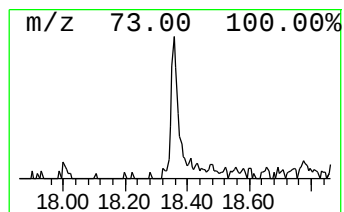
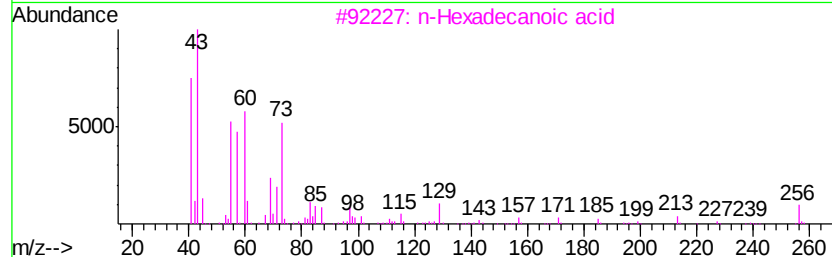
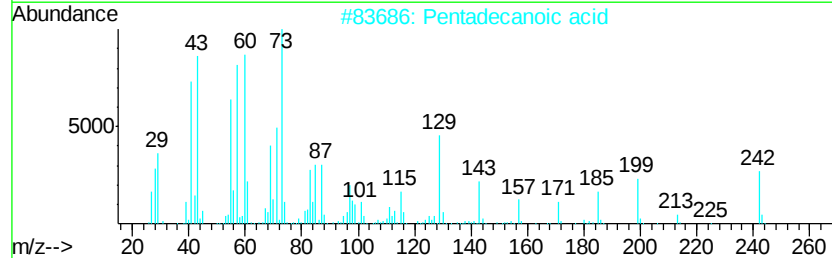
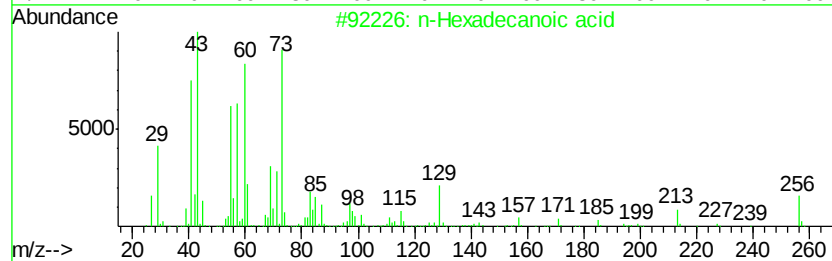
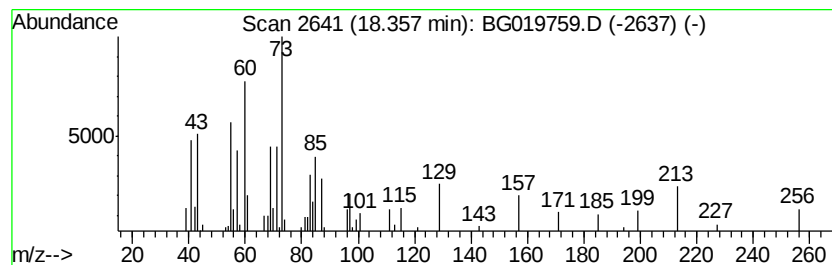
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.06 ng/ul	51933	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4			n-Decanoic acid	172	C10H20O2	000334-48-5	47
5			Dodecanoic acid	200	C12H24O2	000143-07-7	47



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KM4

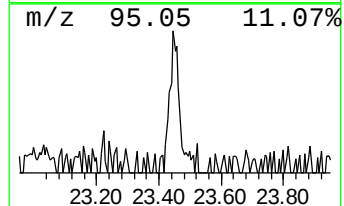
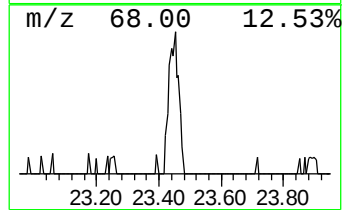
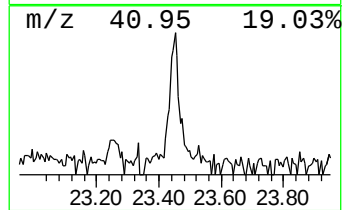
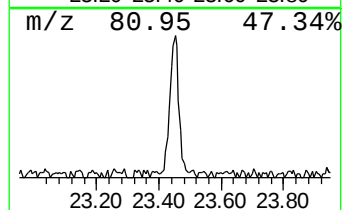
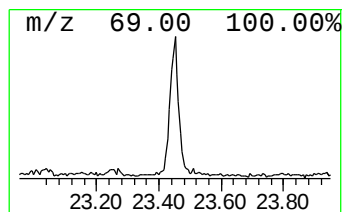
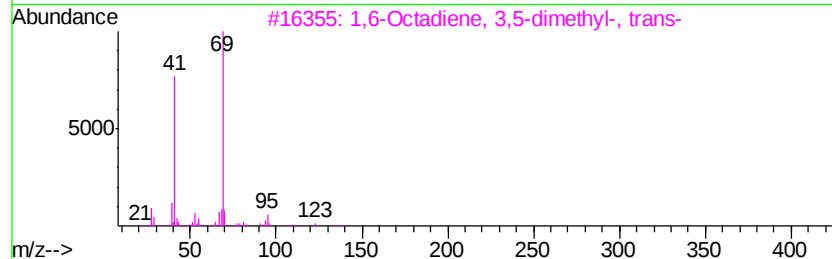
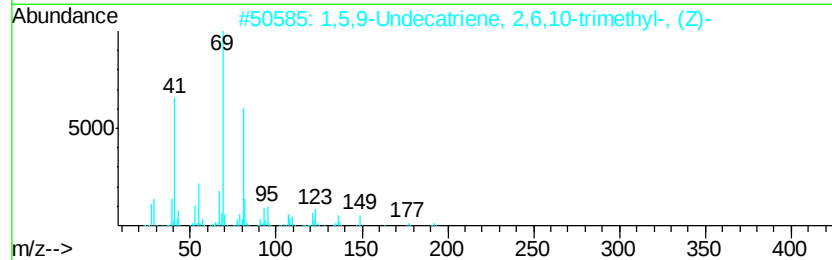
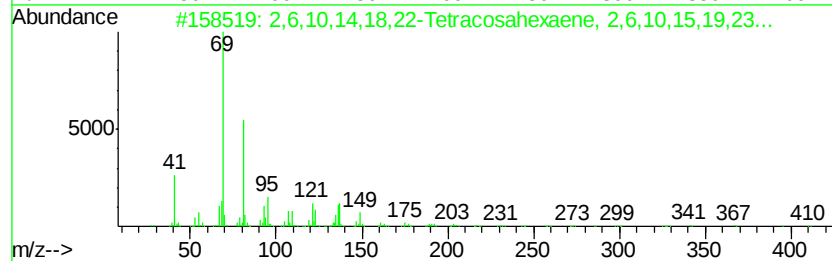
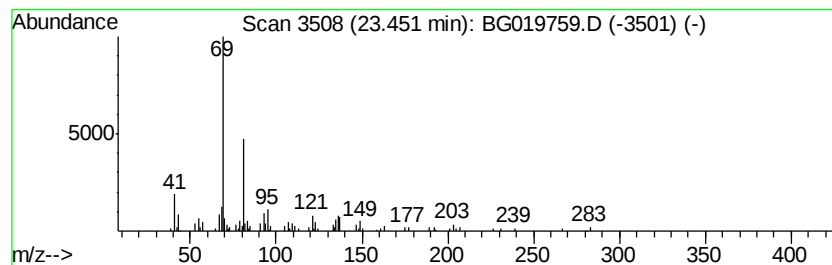
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	2.98 ng/ul	103359	Perylene-d12	25.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72		
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72		
3	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59		
4	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	59		
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	49		



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9KM4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.12	20.1	ng/ul	145140	1	8.12	144444	20.0
unknown-01	5.15	2.6	ng/ul	18777	1	8.12	144444	20.0
Octanoic Acid	10.27	18.9	ng/ul	193714	2	10.94	205570	20.0
Heptanoic acid	13.04	10.9	ng/ul	184955	3	14.76	340648	20.0
n-Hexadecanoic acid	18.36	2.1	ng/ul	51933	4	17.49	504028	20.0
2,6,10,14,18,22-T...	23.45	3.0	ng/ul	103359	6	25.06	694577	20.0