

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019329.D
 Acq On : 24 Oct 2015 10:27
 Operator : UM/NP
 Sample : G4075-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H9

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-BG102315.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	3.208	58	63	72	rBV2	35649	67661	2.83%	0.262%
2	3.290	72	77	86	rVB	136954	205817	8.61%	0.798%
3	3.566	120	124	128	rBV2	8399	13234	0.55%	0.051%
4	3.848	168	172	180	rVB2	5417	8350	0.35%	0.032%
5	5.294	412	418	425	rVV2	7353	13460	0.56%	0.052%
6	5.599	466	470	476	rVB	3534	5701	0.24%	0.022%
7	7.186	735	740	743	rBV2	8371	12274	0.51%	0.048%
8	7.374	763	772	780	rBV	276220	491871	20.57%	1.908%
9	7.550	795	802	814	rVV	201064	340285	14.23%	1.320%
10	7.761	830	838	848	rVV	270531	455767	19.06%	1.768%
11	8.237	912	919	926	rBV	222240	370730	15.50%	1.438%
12	8.472	956	959	967	rVB3	2878	5081	0.21%	0.020%
13	8.931	1028	1037	1046	rBV	381451	639279	26.73%	2.479%
14	9.406	1110	1118	1127	rVV	287282	505539	21.14%	1.961%
15	9.489	1127	1132	1140	rVB3	15138	26192	1.10%	0.102%
16	9.818	1181	1188	1192	rVB3	5124	8235	0.34%	0.032%
17	10.135	1234	1242	1250	rBV	268538	469230	19.62%	1.820%
18	10.670	1325	1333	1342	rBV	392932	694224	29.03%	2.692%
19	10.817	1351	1358	1366	rVV4	6636	13113	0.55%	0.051%
20	11.069	1391	1401	1408	rBV	298279	538264	22.51%	2.088%
21	11.193	1414	1422	1428	rBV	314061	582518	24.36%	2.259%
22	12.626	1663	1666	1667	rBV	5266	5480	0.23%	0.021%
23	13.220	1764	1767	1773	rBV3	13665	21721	0.91%	0.084%
24	13.466	1803	1809	1816	rVB3	17720	27460	1.15%	0.106%
25	13.743	1851	1856	1861	rBV4	5685	9220	0.39%	0.036%
26	14.254	1936	1943	1947	rVV	768349	1143147	47.80%	4.433%
27	14.301	1947	1951	1958	rVB	427986	594409	24.86%	2.305%
28	14.477	1976	1981	1985	rBV3	5674	8083	0.34%	0.031%
29	14.553	1987	1994	2001	rVB	749576	1185935	49.59%	4.599%
30	14.735	2021	2025	2029	rVB4	5489	7990	0.33%	0.031%
31	14.859	2039	2046	2054	rVB3	520288	847324	35.43%	3.286%
32	15.018	2064	2073	2082	rBV2	448423	697351	29.16%	2.705%
33	15.170	2097	2099	2106	rVV2	2956	5822	0.24%	0.023%
34	15.235	2106	2110	2115	rVV5	6670	11992	0.50%	0.047%

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35	15.640	2173	2179	2183	rVV2	18204	33339	1.39%	0.129%
36	15.681	2183	2186	2190	rVB2	20347	24931	1.04%	0.097%
37	15.846	2205	2214	2224	rBV	1089064	1639941	68.58%	6.360%
38	15.946	2224	2231	2238	rBV	443045	678339	28.37%	2.631%
39	16.081	2247	2254	2260	rVB4	21618	33094	1.38%	0.128%
40	16.181	2267	2271	2274	rVV	4877	5347	0.22%	0.021%
41	16.245	2277	2282	2284	rBV4	4356	6544	0.27%	0.025%
42	16.363	2299	2302	2306	rBV6	4321	6717	0.28%	0.026%
43	16.539	2327	2332	2335	rBV3	28353	41983	1.76%	0.163%
44	16.721	2358	2363	2367	rBV3	18913	29912	1.25%	0.116%
45	16.792	2371	2375	2379	rBV6	6157	7858	0.33%	0.030%
46	16.962	2402	2404	2408	rVV3	6279	6370	0.27%	0.025%
47	17.009	2408	2412	2416	rVB6	6976	10689	0.45%	0.041%
48	17.050	2416	2419	2423	rBV4	5388	8622	0.36%	0.033%
49	17.197	2439	2444	2446	rBV5	4231	6834	0.29%	0.027%
50	17.332	2461	2467	2472	rBV2	30655	41951	1.75%	0.163%
51	17.385	2472	2476	2481	rVB5	13946	20471	0.86%	0.079%
52	17.468	2487	2490	2493	rBV3	3676	5326	0.22%	0.021%
53	17.597	2505	2512	2521	rBV	793053	1181748	49.42%	4.583%
54	17.697	2521	2529	2538	rVB	1268322	1928080	80.63%	7.478%
55	17.861	2554	2557	2560	rBV4	6407	8085	0.34%	0.031%
56	17.955	2567	2573	2577	rBV3	41392	61984	2.59%	0.240%
57	18.073	2589	2593	2597	rVB3	25376	30913	1.29%	0.120%
58	18.343	2635	2639	2644	rBV8	7733	12768	0.53%	0.050%
59	18.461	2654	2659	2670	rBV	259284	347951	14.55%	1.349%
60	18.531	2670	2671	2674	rVB2	5896	5602	0.23%	0.022%
61	18.760	2705	2710	2714	rBV2	18690	25721	1.08%	0.100%
62	18.790	2714	2715	2719	rVV4	4517	5801	0.24%	0.022%
63	18.889	2728	2732	2736	rVB5	8647	10807	0.45%	0.042%
64	19.007	2749	2752	2754	rBV4	6013	6608	0.28%	0.026%
65	19.307	2800	2803	2805	rBV3	7564	7815	0.33%	0.030%
66	19.359	2808	2812	2814	rBV5	20737	27979	1.17%	0.109%
67	19.530	2837	2841	2843	rBV5	4952	6125	0.26%	0.024%
68	19.600	2846	2853	2857	rBV2	31560	58260	2.44%	0.226%
69	19.677	2862	2866	2869	rBV6	7437	13871	0.58%	0.054%
70	19.718	2869	2873	2878	rBV	112129	147555	6.17%	0.572%
71	19.859	2891	2897	2902	rBV3	22674	49967	2.09%	0.194%

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72	19.965	2909	2915	2922	rVB	1582896	2375775	99.35%	9.214%
73	20.276	2964	2968	2971	rBV6	11086	17313	0.72%	0.067%
74	20.446	2994	2997	3001	rBV5	15581	22036	0.92%	0.085%
75	20.658	3030	3033	3034	rBV3	11835	9545	0.40%	0.037%
76	20.922	3075	3078	3081	rBV5	12106	13780	0.58%	0.053%
77	21.087	3098	3106	3109	rBV8	35779	81262	3.40%	0.315%
78	21.404	3156	3160	3164	rBV6	18509	36997	1.55%	0.143%
79	21.457	3166	3169	3171	rVV4	25830	37199	1.56%	0.144%
80	21.492	3171	3175	3184	rVB	212150	318534	13.32%	1.235%
81	21.757	3217	3220	3227	rVB3	57921	89962	3.76%	0.349%
82	21.880	3234	3241	3250	rVB	915720	1542283	64.50%	5.981%
83	22.732	3380	3386	3391	rBV6	60972	133539	5.58%	0.518%
84	22.885	3408	3412	3417	rVB8	29028	49095	2.05%	0.190%
85	22.967	3423	3426	3432	rVB8	23721	45180	1.89%	0.175%
86	23.320	3484	3486	3487	rBV2	7721	4952	0.21%	0.019%
87	23.372	3489	3495	3500	rVV8	48887	110701	4.63%	0.429%
88	24.324	3651	3657	3660	rBV5	53338	107314	4.49%	0.416%
89	24.371	3661	3665	3673	rVB9	53593	125570	5.25%	0.487%
90	25.047	3768	3780	3791	rVB	837084	2391298	100.00%	9.274%
91	25.276	3809	3819	3829	rBV2	474657	1402615	58.65%	5.440%
92	25.887	3919	3923	3924	rBV4	13778	15992	0.67%	0.062%
93	26.134	3963	3965	3973	rVB8	21859	39250	1.64%	0.152%
94	26.551	4031	4036	4037	rBV4	13026	20425	0.85%	0.079%
95	26.669	4050	4056	4065	rBV6	59611	169904	7.11%	0.659%
96	29.759	4580	4582	4584	rBV3	8528	7734	0.32%	0.030%
97	29.924	4608	4610	4612	rBV3	7373	8338	0.35%	0.032%
98	30.952	4783	4785	4788	rBV3	10001	11416	0.48%	0.044%
99	31.516	4879	4881	4882	rBV2	10826	8769	0.37%	0.034%
100	32.485	5044	5046	5048	rBV3	7867	9031	0.38%	0.035%

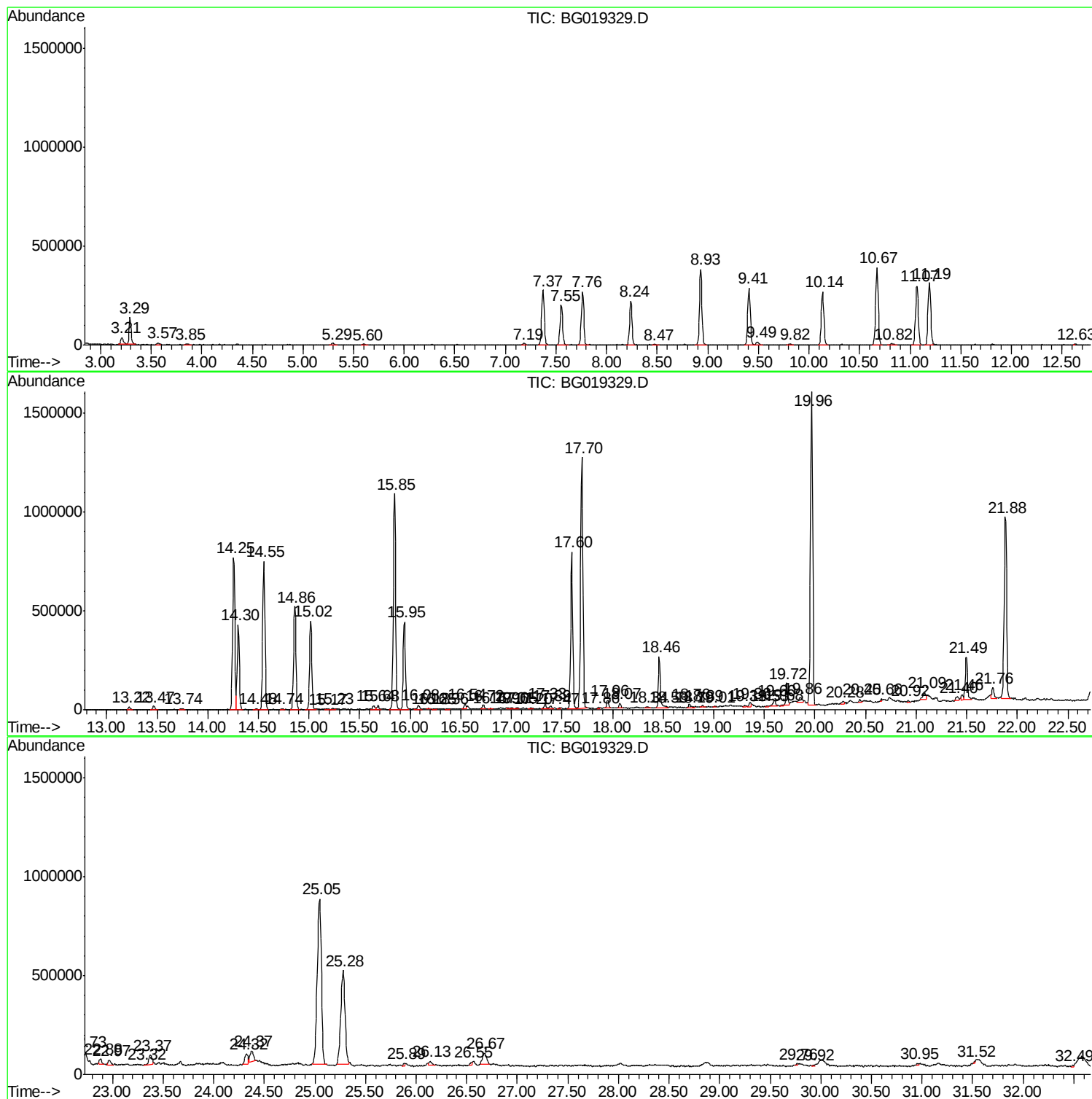
Sum of corrected areas: 25784476

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



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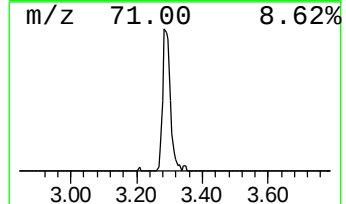
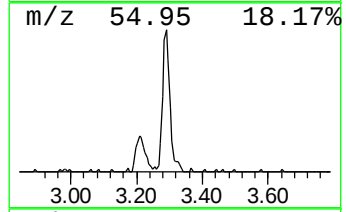
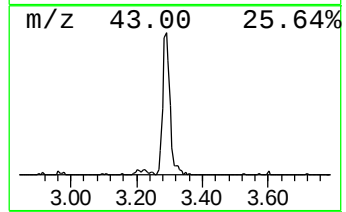
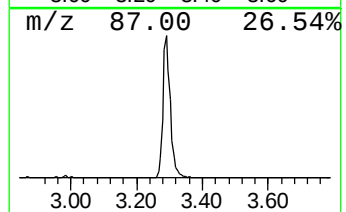
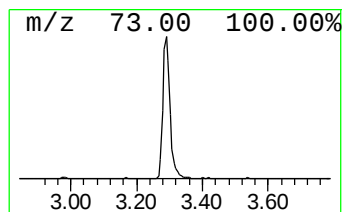
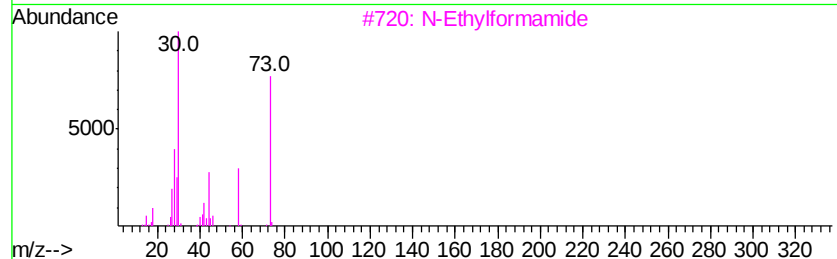
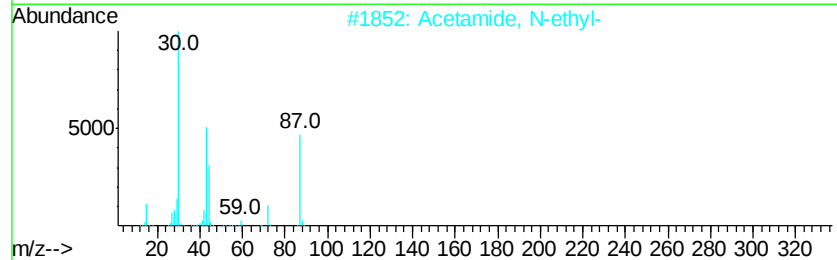
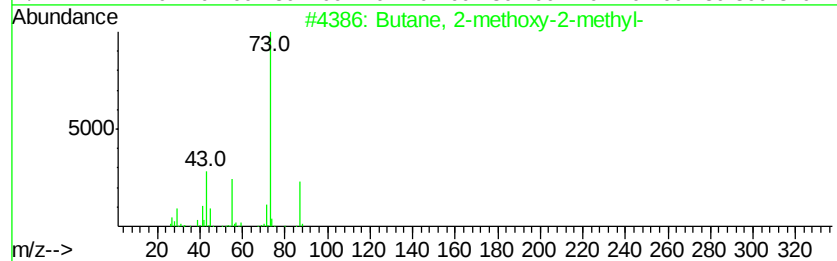
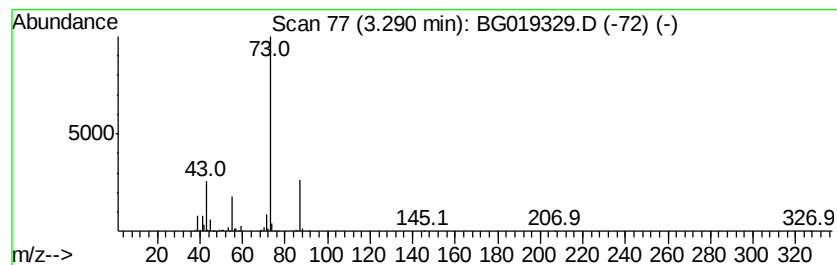
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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.
3.29	11.10 ng/ul	205817	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	80
2		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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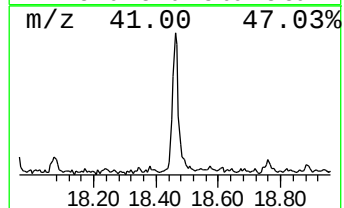
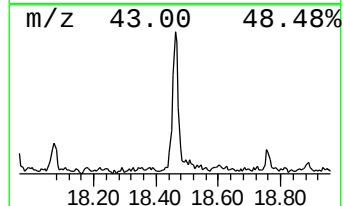
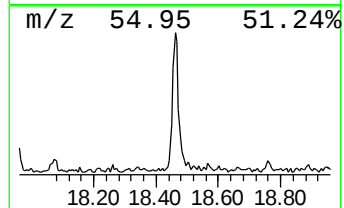
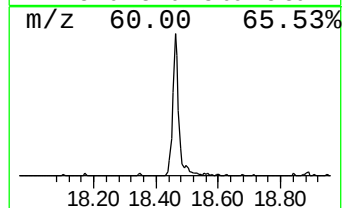
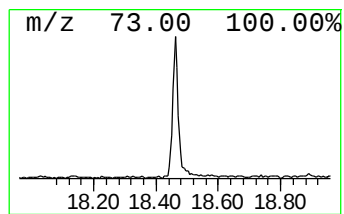
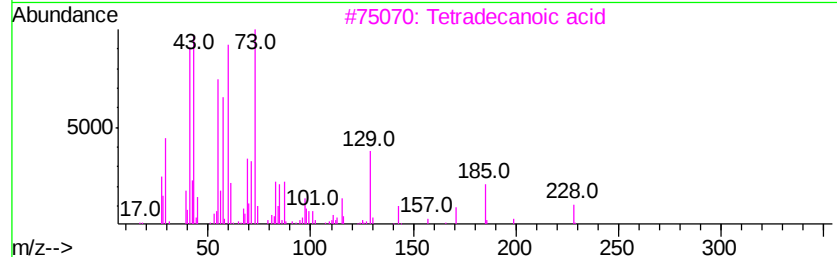
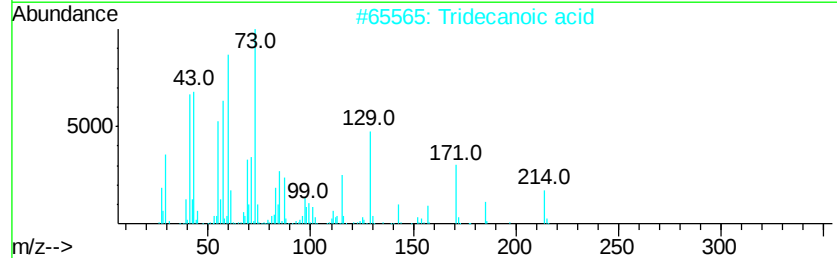
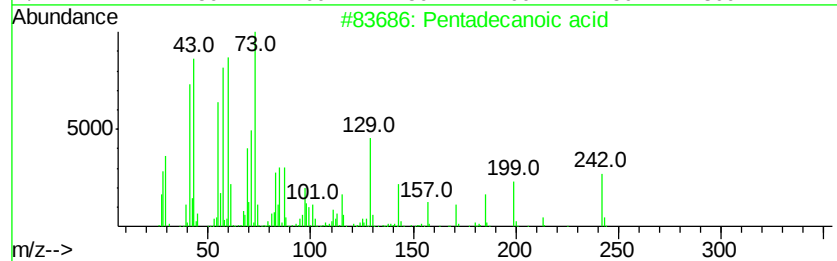
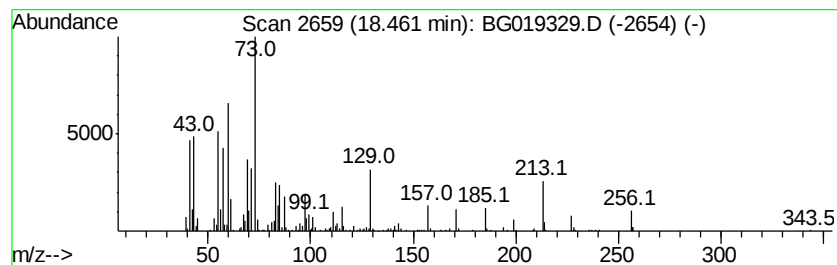
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	5.89 ng/ul	347951	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	70	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43	



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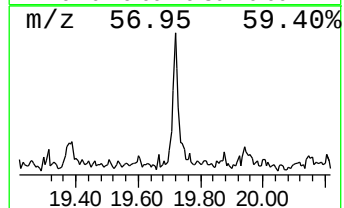
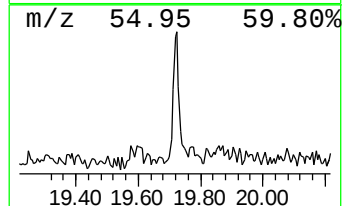
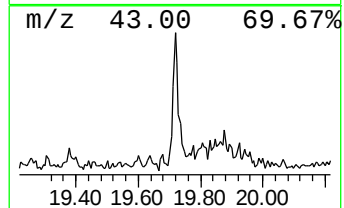
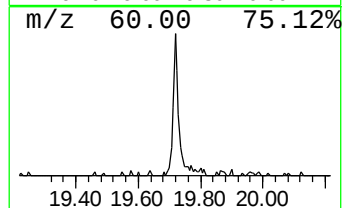
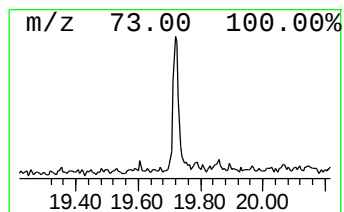
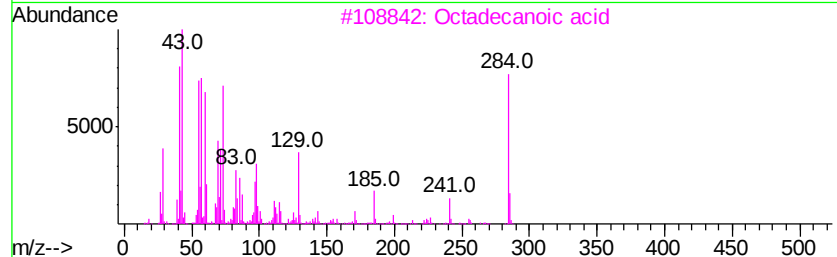
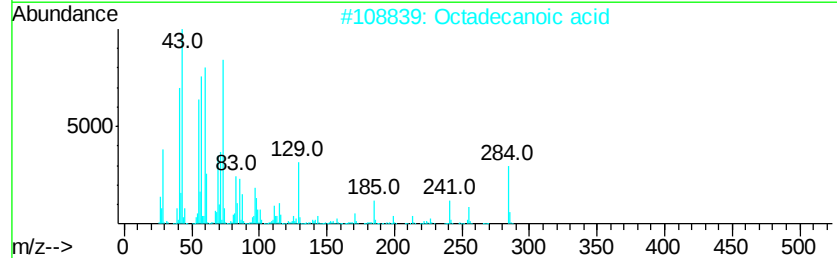
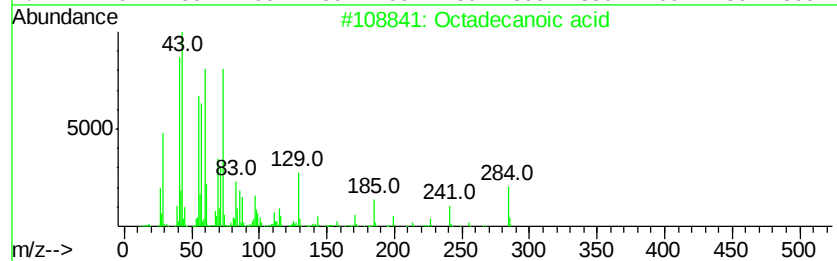
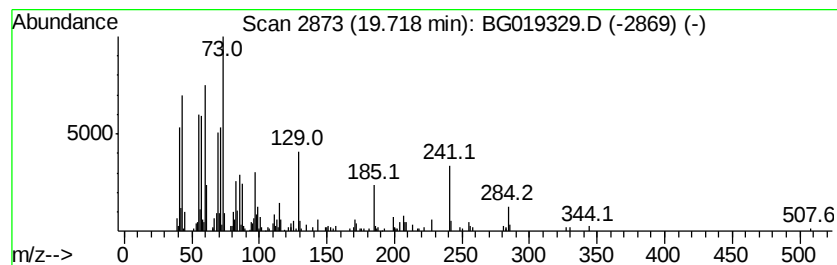
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.50 ng/ul	147555	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Octadecanoic acid	284	C18H36O2	000057-11-4	87
3			Octadecanoic acid	284	C18H36O2	000057-11-4	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019329.D
Acq On : 24 Oct 2015 10:27
Operator : UM/NP
Sample : G4075-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H9

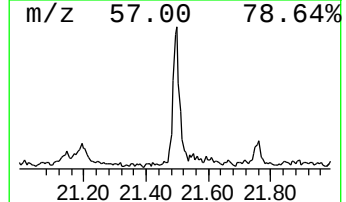
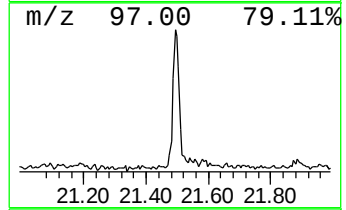
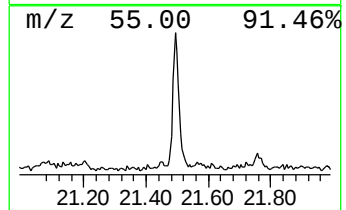
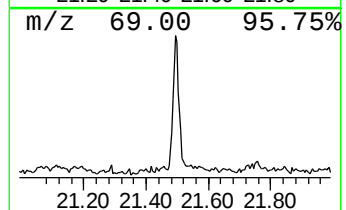
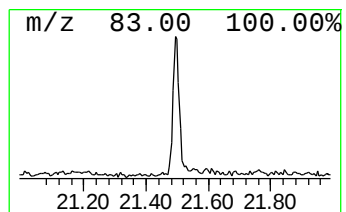
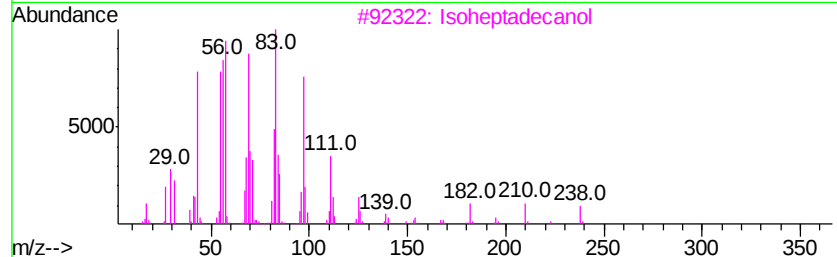
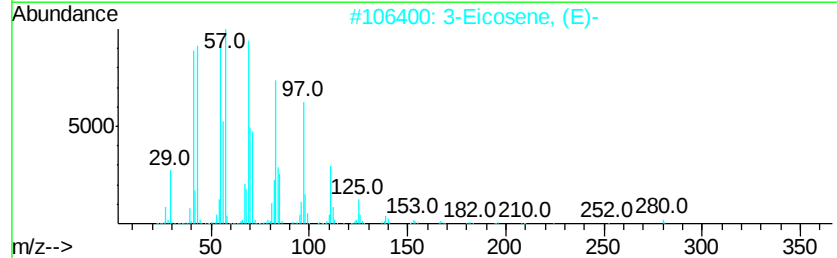
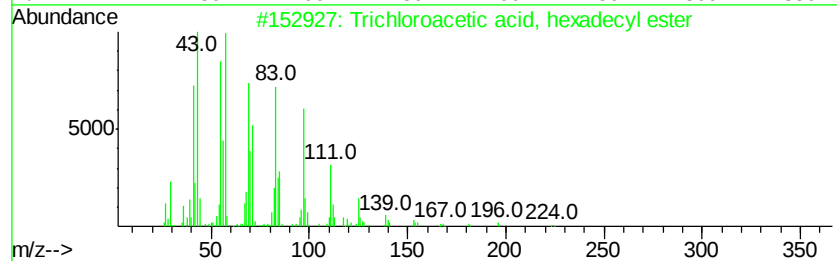
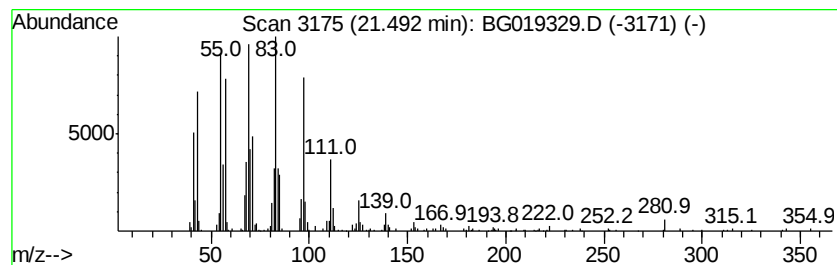
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	4.13 ng/ul	318534	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Isoheptadecanol	256	C17H36O	057289-07-3	86
4		1-Heptadecanol	256	C17H36O	001454-85-9	83
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019329.D
Acq On : 24 Oct 2015 10:27
Operator : UM/NP
Sample : G4075-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

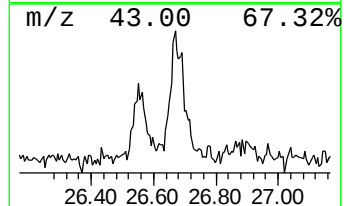
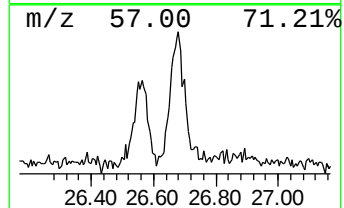
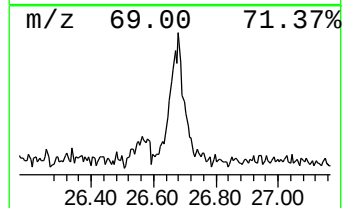
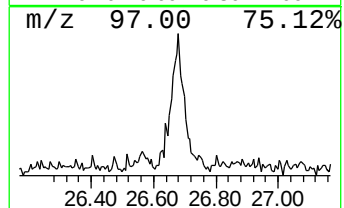
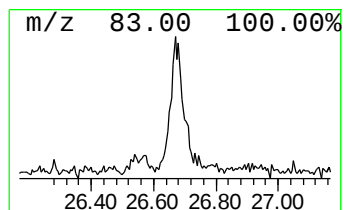
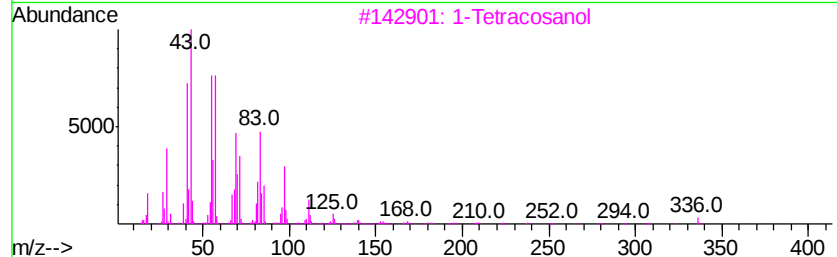
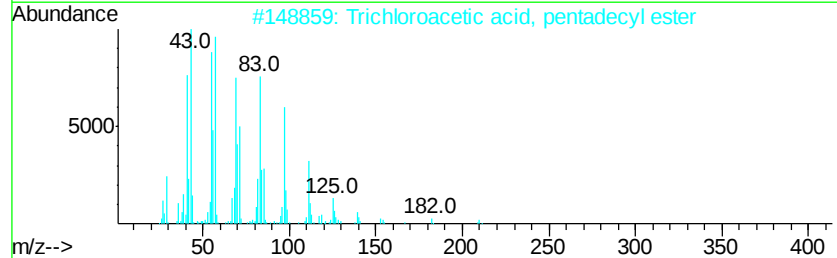
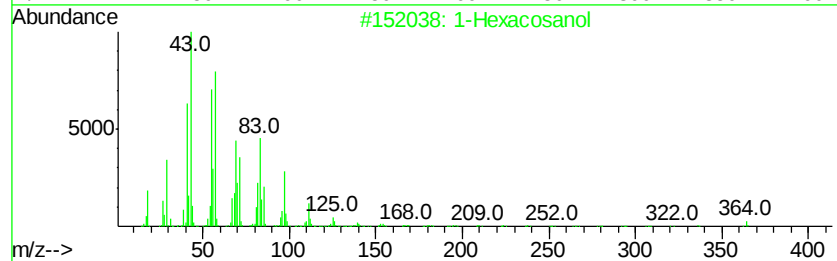
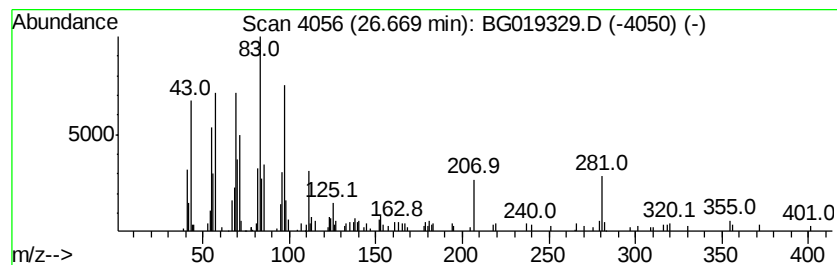
Instrument :
BNA_G
ClientSampleId :
JG9H9

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.67	2.42 ng/ul	169904	Perylene-d12	25.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosanol		382 C26H54O	000506-52-5 81
2	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 74
3	1-Tetracosanol		354 C24H50O	000506-51-4 74
4	10-Heneicosene (c,t)		294 C21H42	095008-11-0 72
5	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019329.D
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Operator : UM/NP
Sample : G4075-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.29	11.1	ng/ul	205817	1	8.24	370730	20.0
Pentadecanoic acid	18.46	5.9	ng/ul	347951	4	17.60	1181750	20.0
Octadecanoic acid	19.72	2.5	ng/ul	147555	4	17.60	1181750	20.0
Trichloroacetic a...	21.49	4.1	ng/ul	318534	5	21.88	1542280	20.0
1-Hexacosanol	26.67	2.4	ng/ul	169904	6	25.28	1402620	20.0