

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019330.D
 Acq On : 24 Oct 2015 11:04
 Operator : UM/NP
 Sample : G4075-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J1

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	2.982	19	24	28	rBV3	2478	4058	0.19%	0.018%
2	3.211	57	63	72	rBV2	36432	70341	3.28%	0.305%
3	3.287	72	76	86	rVV	133233	195136	9.10%	0.847%
4	3.563	119	123	129	rBV3	8833	13028	0.61%	0.057%
5	3.851	168	172	174	rBV	4360	5510	0.26%	0.024%
6	7.371	763	771	780	rVB	240015	422071	19.67%	1.831%
7	7.553	794	802	812	rVB	173221	283472	13.21%	1.230%
8	7.764	830	838	844	rBV	225136	386995	18.04%	1.679%
9	8.240	911	919	926	rBV	191287	325452	15.17%	1.412%
10	8.928	1030	1036	1045	rVB	317389	543828	25.35%	2.360%
11	9.409	1111	1118	1126	rVB	236438	423378	19.73%	1.837%
12	9.480	1126	1130	1137	rBV4	4298	7357	0.34%	0.032%
13	9.809	1184	1186	1192	rVB3	3724	5235	0.24%	0.023%
14	10.132	1235	1241	1248	rVV	233033	405390	18.90%	1.759%
15	10.673	1325	1333	1340	rBV	341051	596607	27.81%	2.589%
16	10.814	1355	1357	1361	rBV2	3452	5270	0.25%	0.023%
17	11.066	1388	1400	1407	rBV	267354	486741	22.69%	2.112%
18	11.190	1411	1421	1433	rVB	283049	521116	24.29%	2.261%
19	12.635	1661	1667	1671	rBV3	6320	9595	0.45%	0.042%
20	13.229	1763	1768	1773	rVB2	6074	9935	0.46%	0.043%
21	13.469	1804	1809	1813	rBV2	10743	15182	0.71%	0.066%
22	13.746	1849	1856	1857	rBV2	3653	5701	0.27%	0.025%
23	14.257	1936	1943	1947	rBV	662278	980901	45.72%	4.256%
24	14.304	1947	1951	1957	rVB	435220	599196	27.93%	2.600%
25	14.556	1985	1994	2002	rBV	649388	1020179	47.55%	4.426%
26	14.733	2020	2024	2029	rVB5	4566	6314	0.29%	0.027%
27	14.862	2037	2046	2053	rBV2	465933	766156	35.71%	3.324%
28	15.015	2065	2072	2078	rBV	405633	633954	29.55%	2.751%
29	15.250	2106	2112	2116	rBV6	4611	10518	0.49%	0.046%
30	15.643	2173	2179	2182	rBV3	7251	13623	0.63%	0.059%
31	15.684	2182	2186	2192	rVB3	15519	23447	1.09%	0.102%
32	15.843	2205	2213	2223	rBV	913810	1396987	65.12%	6.061%
33	15.943	2223	2230	2236	rBV	428281	623478	29.06%	2.705%
34	16.084	2248	2254	2261	rVV4	14710	25574	1.19%	0.111%

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35	16.542	2325	2332	2335	rVV4	24806	35705	1.66%	0.155%
36	16.572	2335	2337	2340	rVV3	8751	8764	0.41%	0.038%
37	16.724	2359	2363	2367	rVB5	5579	7325	0.34%	0.032%
38	16.801	2372	2376	2381	rVB4	3448	7775	0.36%	0.034%
39	16.883	2385	2390	2394	rBV5	3252	6173	0.29%	0.027%
40	16.965	2399	2404	2407	rBV5	6902	11139	0.52%	0.048%
41	17.048	2415	2418	2421	rBV4	3388	4415	0.21%	0.019%
42	17.330	2462	2466	2470	rBV3	23487	29081	1.36%	0.126%
43	17.388	2470	2476	2479	rVB5	10073	16795	0.78%	0.073%
44	17.594	2503	2511	2519	rBV2	693456	1092228	50.91%	4.739%
45	17.694	2521	2528	2538	rVV2	1066495	1668755	77.78%	7.240%
46	17.864	2552	2557	2558	rBV3	3168	4892	0.23%	0.021%
47	17.952	2568	2572	2577	rVV6	9097	13315	0.62%	0.058%
48	18.070	2588	2592	2596	rBV4	14637	18619	0.87%	0.081%
49	18.334	2632	2637	2642	rBV5	13088	22303	1.04%	0.097%
50	18.464	2653	2659	2666	rBV2	209287	286703	13.36%	1.244%
51	18.657	2687	2692	2697	rBV5	5016	9845	0.46%	0.043%
52	18.787	2706	2714	2719	rVV6	17350	36659	1.71%	0.159%
53	18.887	2728	2731	2736	rVB4	15633	17488	0.82%	0.076%
54	19.069	2758	2762	2765	rVV6	3838	5691	0.27%	0.025%
55	19.192	2782	2783	2786	rVB3	5778	3995	0.19%	0.017%
56	19.310	2800	2803	2808	rBV7	5126	7956	0.37%	0.035%
57	19.362	2808	2812	2818	rBV8	13562	22270	1.04%	0.097%
58	19.533	2838	2841	2844	rBV5	4617	6414	0.30%	0.028%
59	19.586	2845	2850	2851	rVV4	18456	24595	1.15%	0.107%
60	19.603	2851	2853	2861	rVB3	29765	38287	1.78%	0.166%
61	19.715	2869	2872	2877	rBV2	79736	111536	5.20%	0.484%
62	19.868	2892	2898	2904	rVV2	202270	264492	12.33%	1.148%
63	19.968	2908	2915	2922	rVV	1421685	2079209	96.92%	9.021%
64	20.203	2951	2955	2959	rVV6	5621	9274	0.43%	0.040%
65	20.444	2993	2996	2999	rBV5	6646	7309	0.34%	0.032%
66	20.479	2999	3002	3005	rVB4	14095	12723	0.59%	0.055%
67	20.543	3010	3013	3017	rBV6	7939	9376	0.44%	0.041%
68	20.596	3020	3022	3025	rBV4	4466	5098	0.24%	0.022%
69	20.914	3072	3076	3081	rVB	173782	202657	9.45%	0.879%
70	20.978	3081	3087	3091	rBV5	18995	27789	1.30%	0.121%
71	21.014	3091	3093	3097	rVB5	13787	15943	0.74%	0.069%

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72	21.090	3100	3106	3108	rBV6	13090	28004	1.31%	0.122%
73	21.413	3157	3161	3162	rBV4	8638	10809	0.50%	0.047%
74	21.495	3170	3175	3183	rVB5	130840	222980	10.39%	0.967%
75	21.760	3215	3220	3225	rVB	41048	63071	2.94%	0.274%
76	21.818	3228	3230	3233	rBV4	6934	8107	0.38%	0.035%
77	21.883	3234	3241	3248	rVB	840992	1421954	66.28%	6.170%
78	22.077	3269	3274	3282	rVB5	29428	59152	2.76%	0.257%
79	22.136	3282	3284	3285	rBV2	6731	5173	0.24%	0.022%
80	22.153	3285	3287	3290	rVB3	6074	6027	0.28%	0.026%
81	22.594	3360	3362	3364	rBV3	8081	6714	0.31%	0.029%
82	22.723	3379	3384	3389	rBV3	74009	133249	6.21%	0.578%
83	22.882	3406	3411	3416	rVB6	29920	55009	2.56%	0.239%
84	23.375	3488	3495	3503	rVB7	53310	125756	5.86%	0.546%
85	23.464	3505	3510	3514	rVB8	19467	31915	1.49%	0.138%
86	23.669	3538	3545	3549	rVB4	32733	67896	3.16%	0.295%
87	24.316	3650	3655	3661	rBV3	51006	109276	5.09%	0.474%
88	24.368	3661	3664	3671	rVB8	22103	42507	1.98%	0.184%
89	24.680	3714	3717	3718	rBV3	6782	8397	0.39%	0.036%
90	25.044	3767	3779	3791	rVB	743618	2145390	100.00%	9.308%
91	25.273	3807	3818	3828	rBV	457506	1325803	61.80%	5.752%
92	25.502	3855	3857	3859	rBV4	6130	4727	0.22%	0.021%
93	26.131	3959	3964	3970	rBV10	18511	42870	2.00%	0.186%
94	26.554	4029	4036	4038	rBV7	26975	46978	2.19%	0.204%
95	26.666	4050	4055	4056	rBV4	31902	45672	2.13%	0.198%
96	26.742	4066	4068	4071	rBV4	9733	12554	0.59%	0.054%
97	26.860	4086	4088	4089	rBV2	6345	4751	0.22%	0.021%
98	27.435	4184	4186	4188	rBV3	6324	5566	0.26%	0.024%
99	28.164	4308	4310	4312	rBV2	7115	5005	0.23%	0.022%
100	31.689	4906	4910	4911	rBV4	6838	8286	0.39%	0.036%

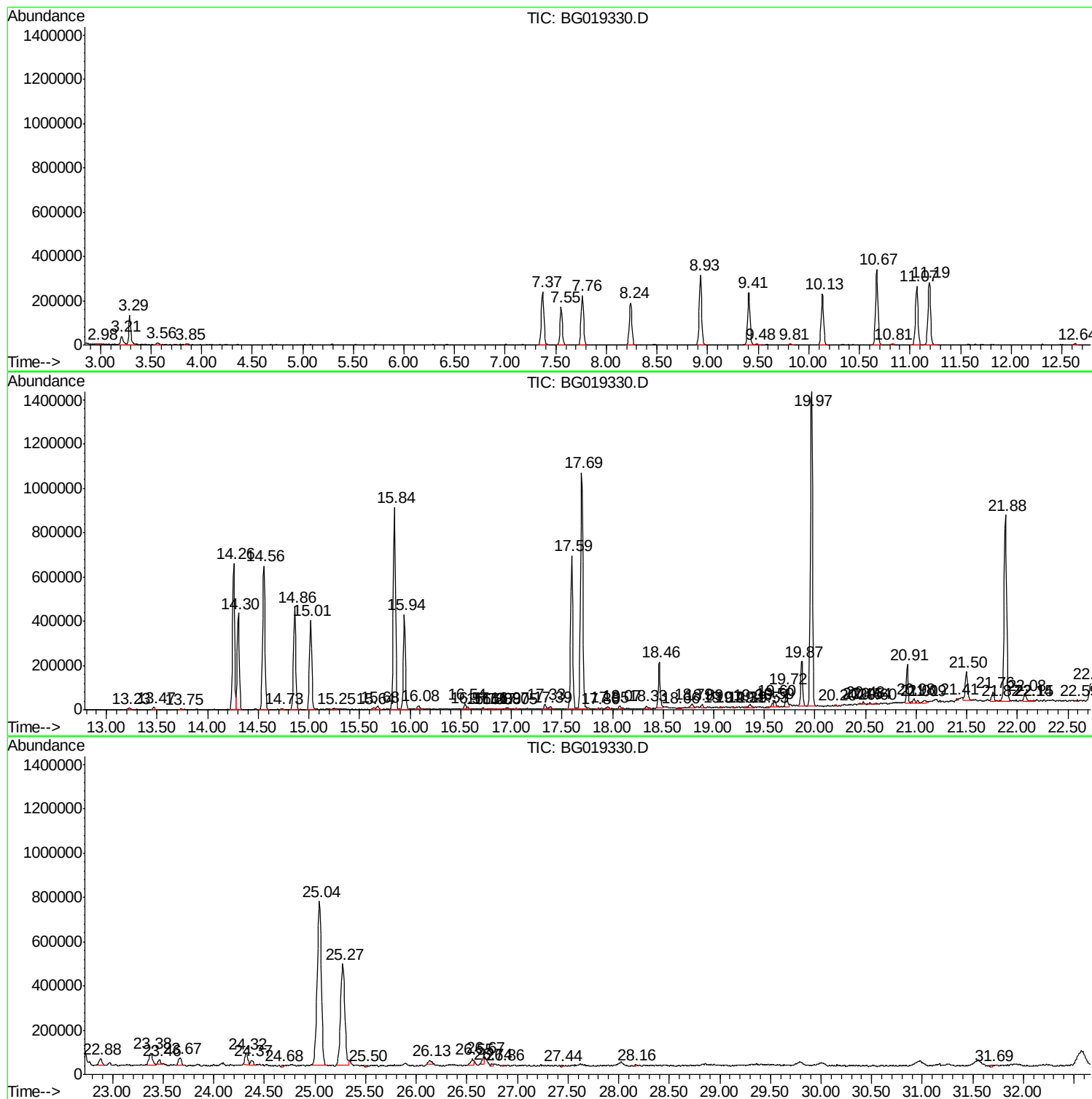
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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



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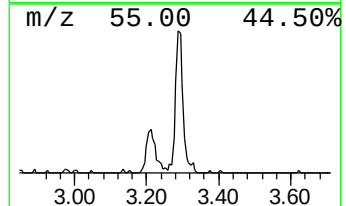
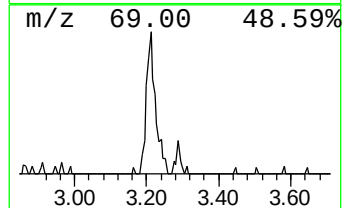
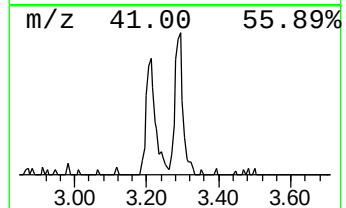
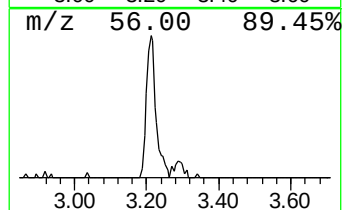
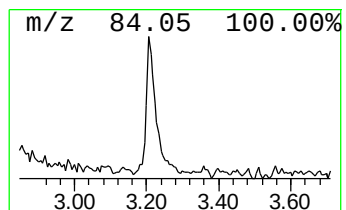
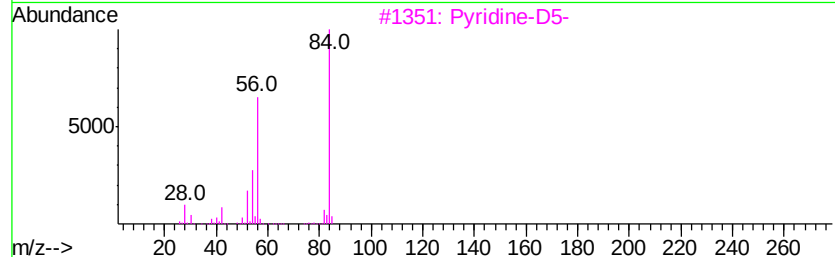
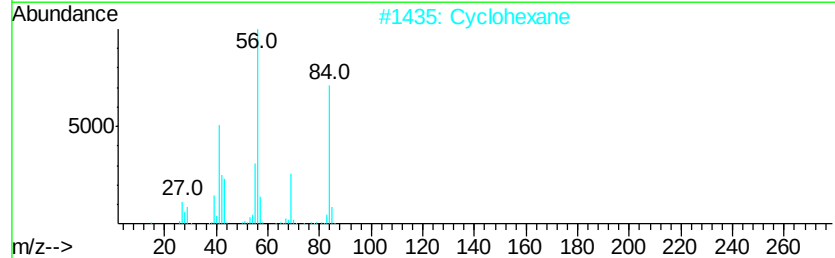
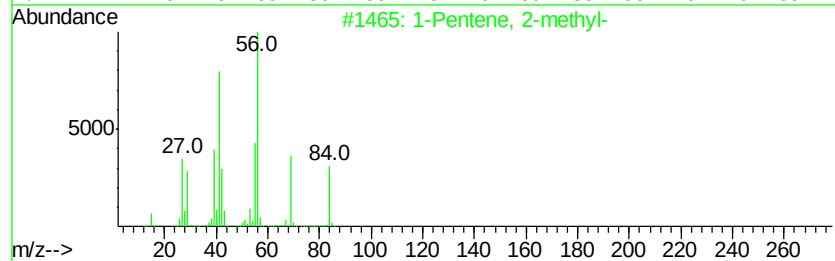
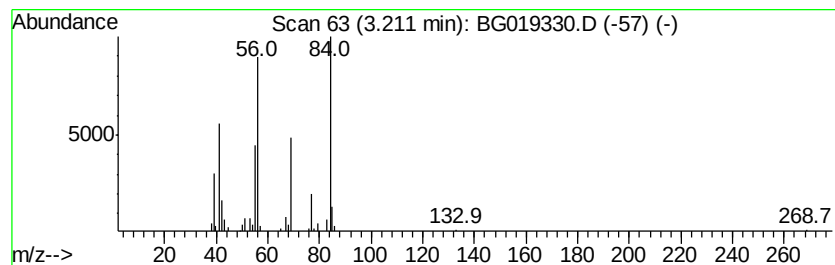
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.21 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	4.32 ng/ul	70341	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2		Cyclohexane	84	C6H12	000110-82-7	50
3		Pyridine-D5-	84	C5D5N	007291-22-7	45
4		2-Amino-oxazole	84	C3H4N2O	004570-45-0	45
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43



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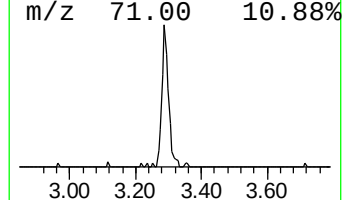
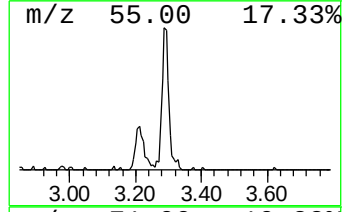
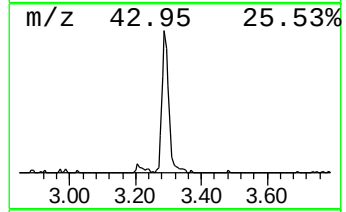
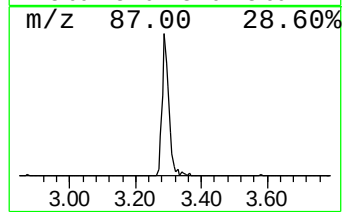
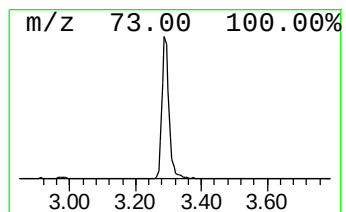
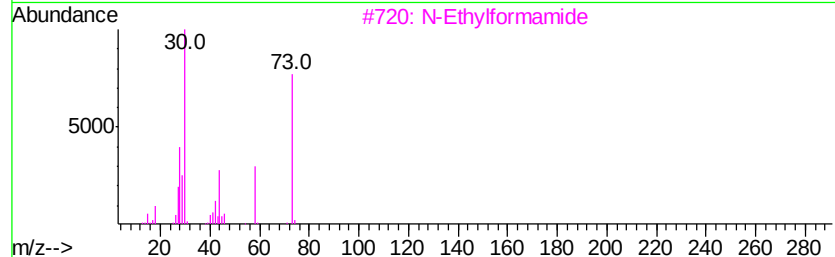
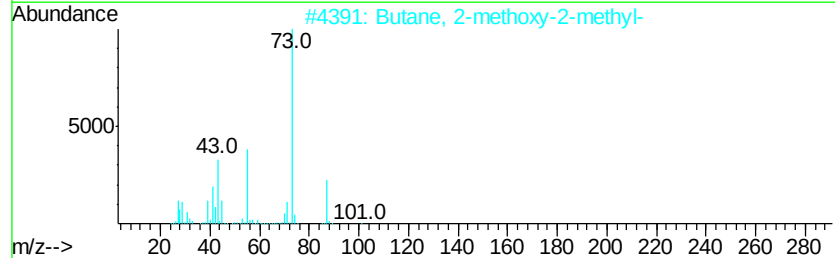
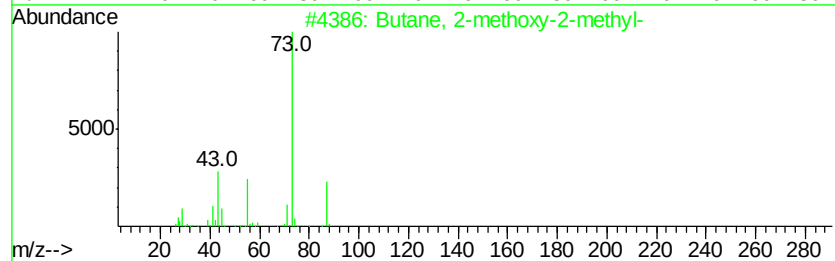
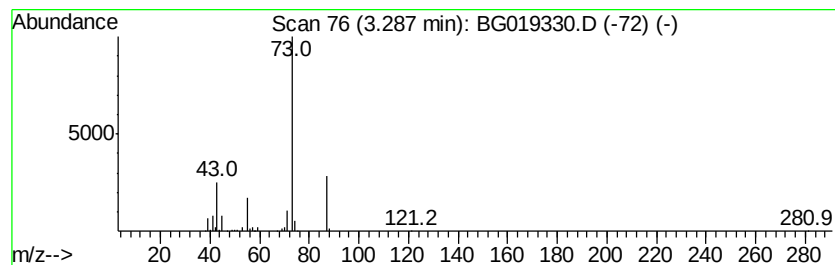
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	11.99 ng/ul	195136	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	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
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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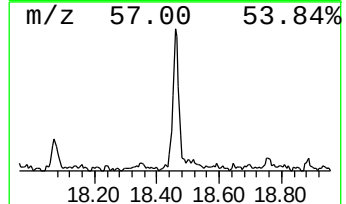
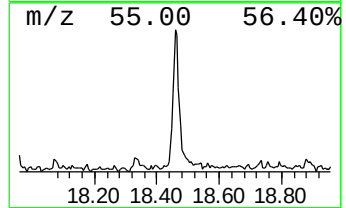
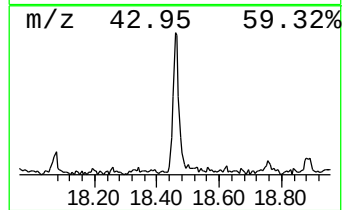
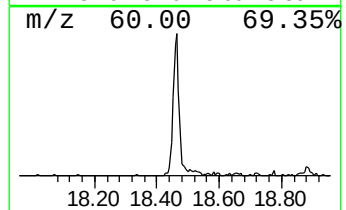
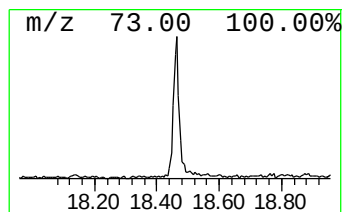
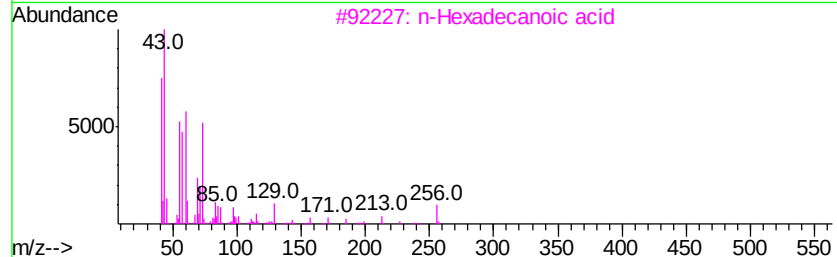
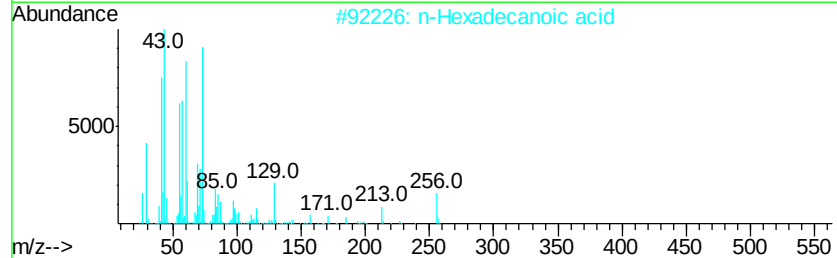
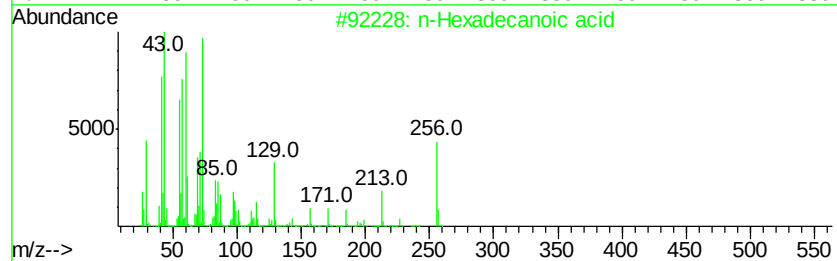
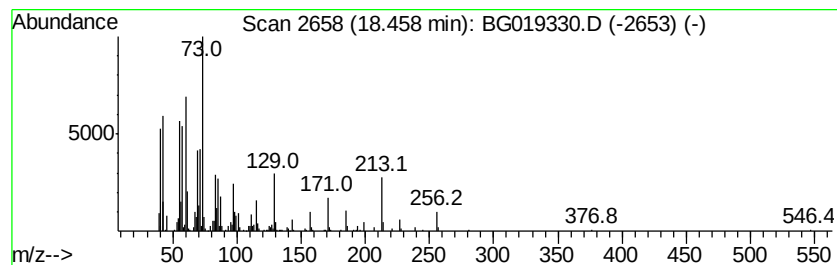
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.46	5.25 ng/ul	286703	Phenanthrene-d10		17.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5			Tridecanoic acid	214	C13H26O2	000638-53-9	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019330.D
Acq On : 24 Oct 2015 11:04
Operator : UM/NP
Sample : G4075-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J1

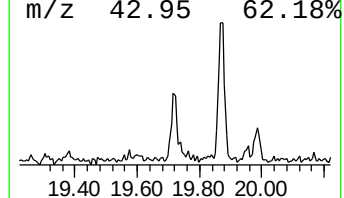
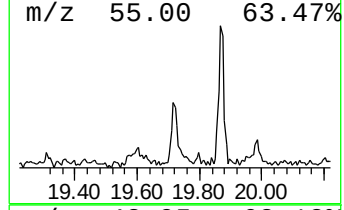
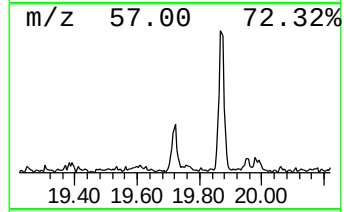
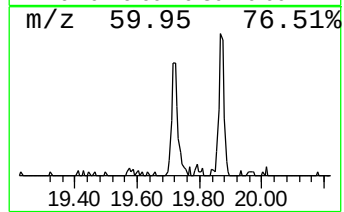
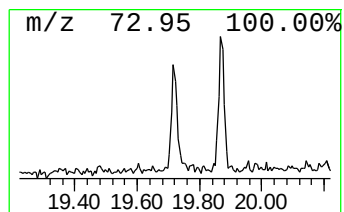
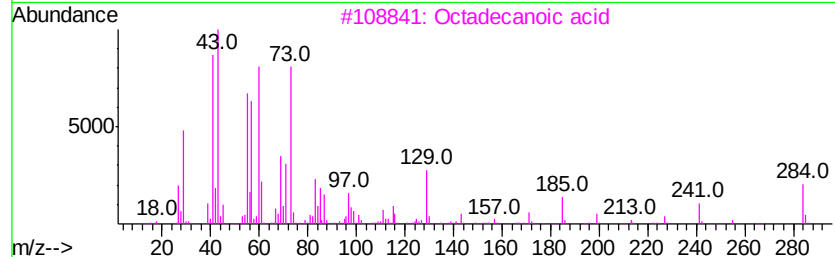
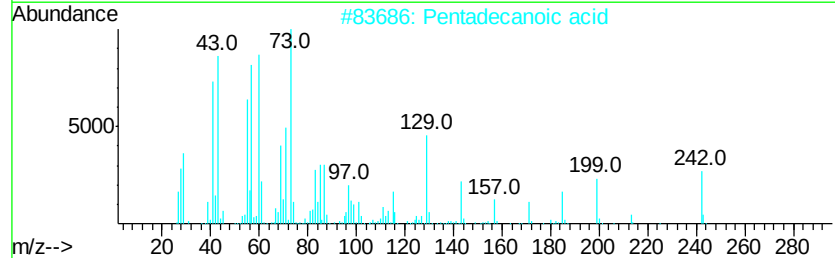
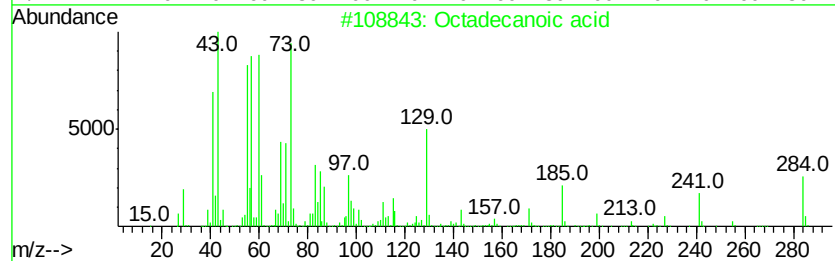
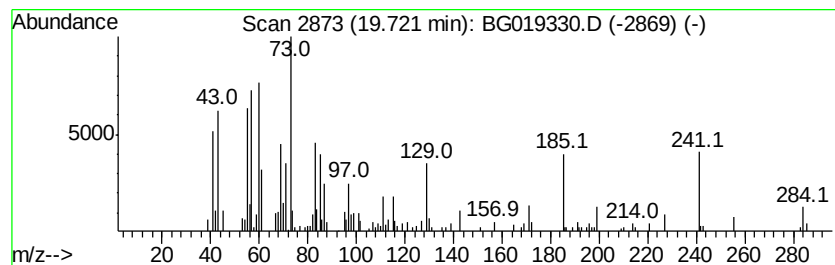
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.04 ng/ul	111536	Phenanthrene-d10	17.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	86
4		Octadecanoic acid	284	C18H36O2	000057-11-4	62
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019330.D
Acq On : 24 Oct 2015 11:04
Operator : UM/NP
Sample : G4075-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J1

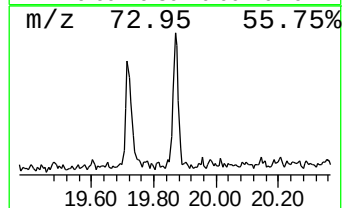
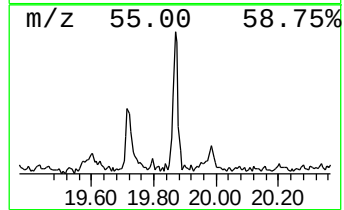
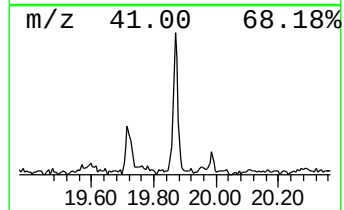
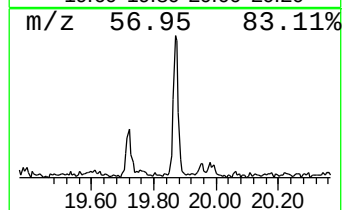
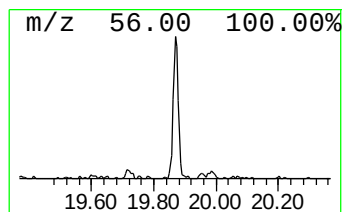
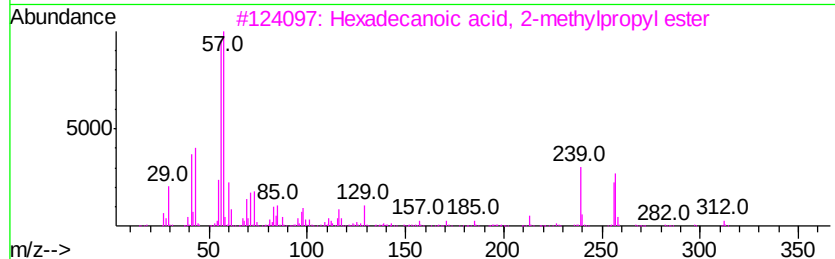
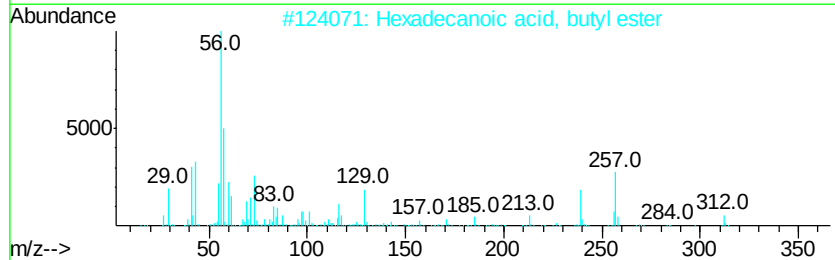
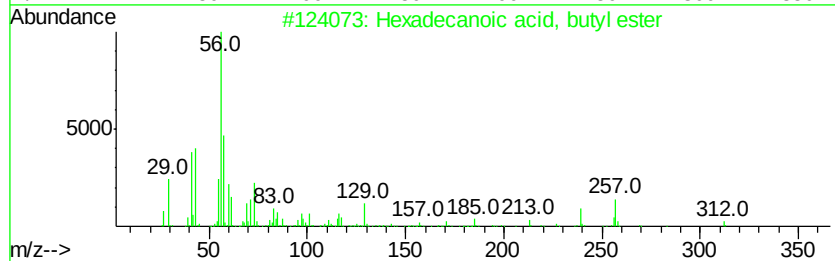
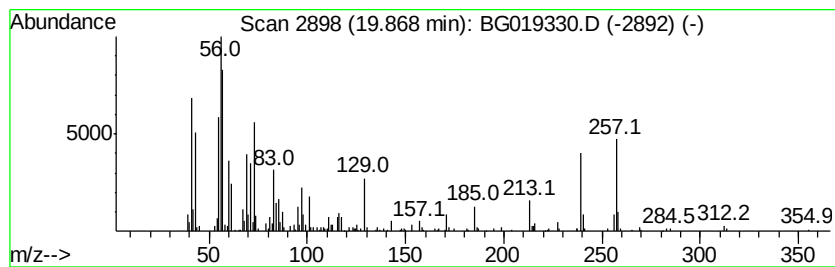
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.72 ng/ul	264492	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	59
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	46
4		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	22
5		Hexadecanoic acid, 1,1-dimethyl...	312	C20H40O2	031158-91-5	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019330.D
Acq On : 24 Oct 2015 11:04
Operator : UM/NP
Sample : G4075-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J1

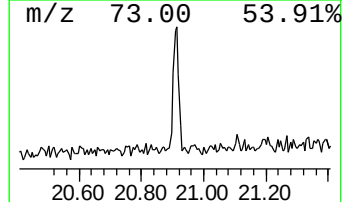
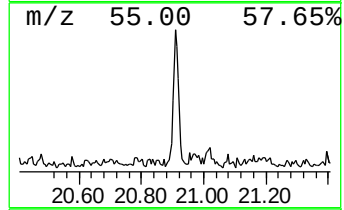
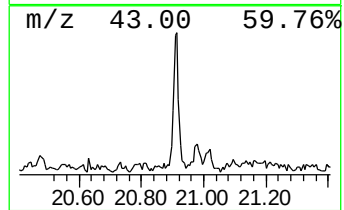
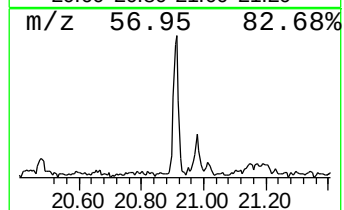
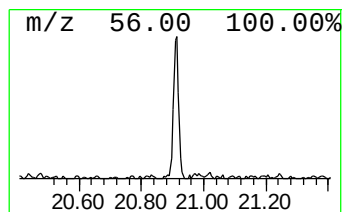
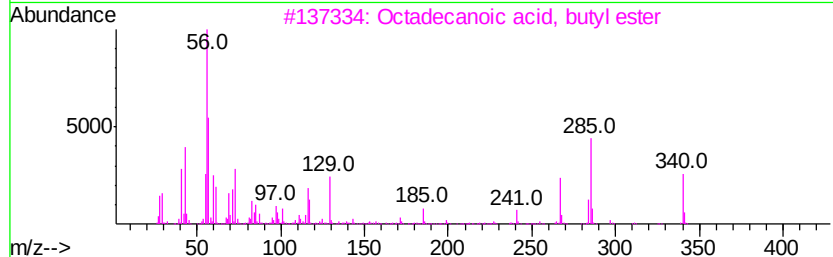
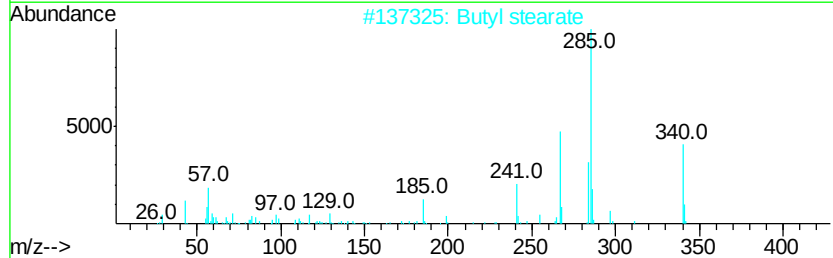
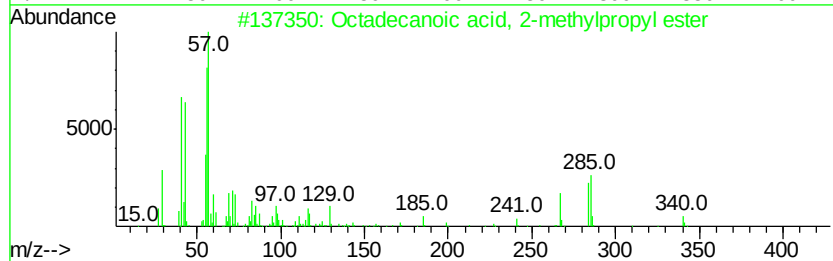
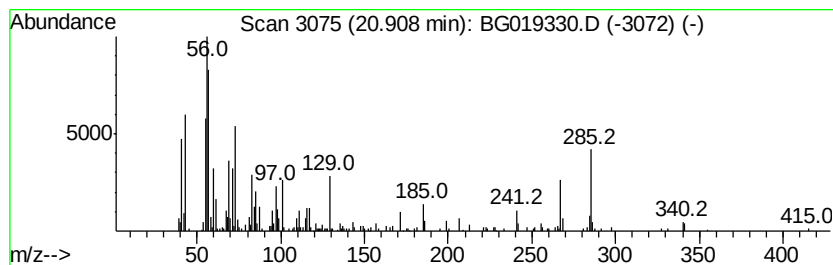
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.85 ng/ul	202657	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
2			Butyl stearate	340	C22H44O2	1000118-31-2	46
3			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	43
4			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	41
5			Docosanoic acid	340	C22H44O2	000112-85-6	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019330.D
Acq On : 24 Oct 2015 11:04
Operator : UM/NP
Sample : G4075-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

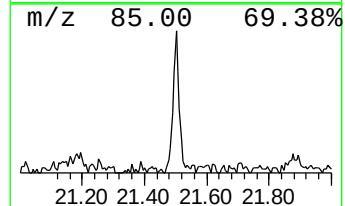
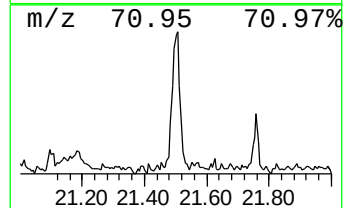
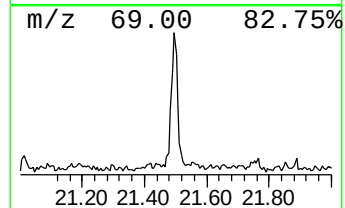
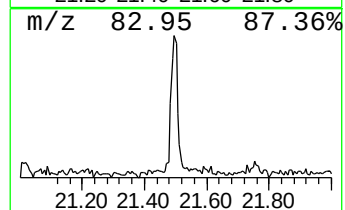
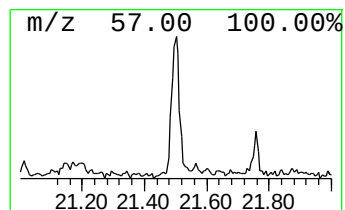
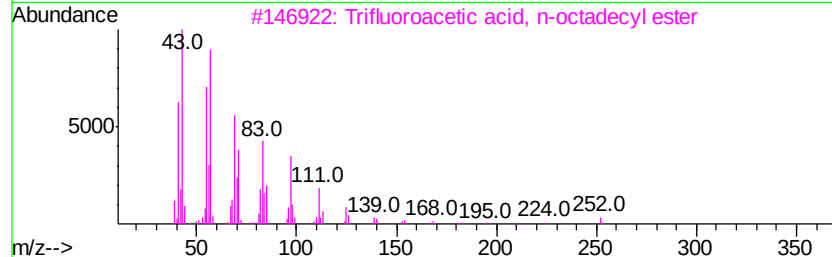
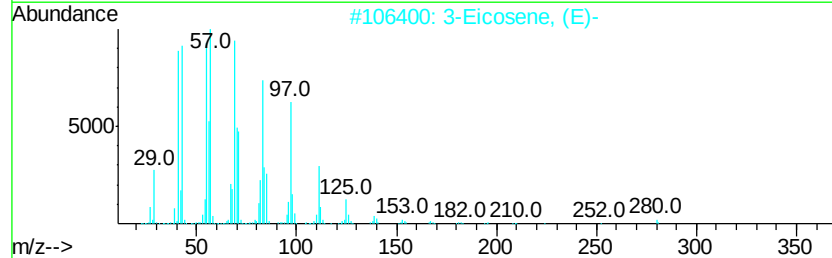
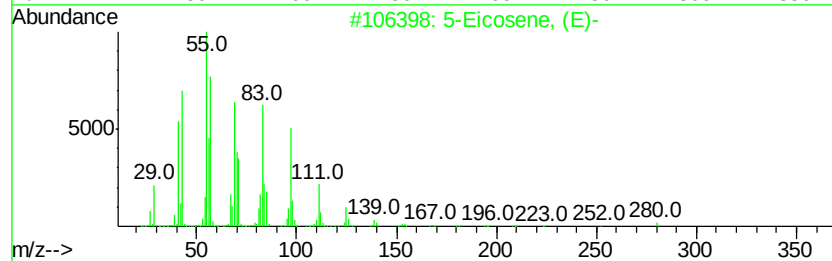
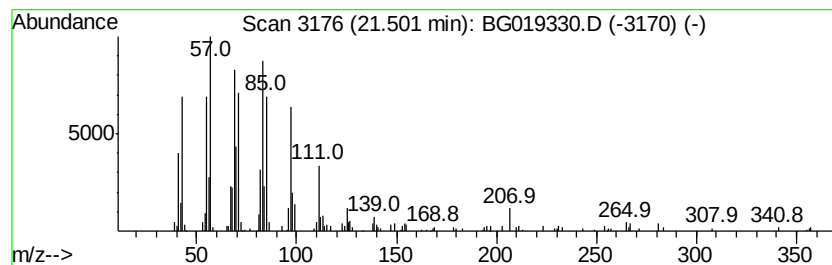
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.14 ng/ul	222980	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 93
2	3-Eicosene, (E)-		280 C20H40	074685-33-9 93
3	Trifluoroacetic acid, n-octadecyl...		366 C20H37F3O2	079392-43-1 91
4	Trichloroacetic acid, pentadecyl...		372 C17H31Cl3O2	074339-53-0 91
5	9-Eicosene, (E)-		280 C20H40	074685-29-3 90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
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Operator : UM/NP
Sample : G4075-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J1

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
(DEL) Alkane: Cyc...	3.21	4.3	ng/ul	70341	1	8.24	325452	20.0
Butane, 2-methoxy...	3.29	12.0	ng/ul	195136	1	8.24	325452	20.0
n-Hexadecanoic acid	18.46	5.3	ng/ul	286703	4	17.59	1092230	20.0
Octadecanoic acid	19.72	2.0	ng/ul	111536	4	17.59	1092230	20.0
Hexadecanoic acid...	19.87	3.7	ng/ul	264492	5	21.88	1421950	20.0
unknown-01	20.91	2.9	ng/ul	202657	5	21.88	1421950	20.0
(DEL) Alkane: Cyc...	21.50	3.1	ng/ul	222980	5	21.88	1421950	20.0