

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020815.D
 Acq On : 9 Feb 2016 13:32
 Operator : SJ/UM
 Sample : H1371-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04H8

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-BG020816.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	2.960	16	21	34	rVB	27618	57901	11.29%	1.009%
2	3.254	65	71	80	rVV	45973	83516	16.28%	1.456%
3	3.330	80	84	93	rVB	11018	15666	3.05%	0.273%
4	3.606	125	131	137	rBV	3041	4620	0.90%	0.081%
5	7.407	771	778	786	rBV	60048	102093	19.91%	1.779%
6	7.583	802	808	815	rVB	59254	95626	18.64%	1.667%
7	7.795	838	844	851	rVB	65594	106280	20.72%	1.852%
8	8.271	918	925	931	rBV	53237	87521	17.06%	1.525%
9	8.964	1035	1043	1051	rBV	90278	149383	29.13%	2.604%
10	9.440	1116	1124	1132	rBV	61485	107268	20.91%	1.870%
11	9.516	1132	1137	1142	rBV	1760	2042	0.40%	0.036%
12	10.168	1241	1248	1253	rBV	48130	81416	15.87%	1.419%
13	10.703	1331	1339	1348	rBV	84323	142578	27.80%	2.485%
14	11.096	1399	1406	1414	rVB	88449	155507	30.32%	2.710%
15	11.220	1419	1427	1440	rVB	92677	166151	32.39%	2.896%
16	12.659	1666	1672	1678	rVB2	1298	2557	0.50%	0.045%
17	13.693	1844	1848	1853	rBV	2583	3312	0.65%	0.058%
18	14.221	1933	1938	1942	rVB2	772	1279	0.25%	0.022%
19	14.280	1942	1948	1952	rBV	190998	275780	53.77%	4.806%
20	14.327	1952	1956	1963	rVV	61666	87092	16.98%	1.518%
21	14.386	1963	1966	1970	rVV	1245	1663	0.32%	0.029%
22	14.462	1976	1979	1985	rVB	1065	994	0.19%	0.017%
23	14.580	1992	1999	2006	rBV	228947	349295	68.10%	6.088%
24	14.756	2025	2029	2034	rVB	12983	16509	3.22%	0.288%
25	14.832	2039	2042	2045	rVV2	1097	1252	0.24%	0.022%
26	14.885	2045	2051	2059	rVB2	156572	243878	47.55%	4.250%
27	15.050	2072	2079	2086	rBV	71940	117115	22.83%	2.041%
28	15.197	2100	2104	2110	rBV3	2072	4207	0.82%	0.073%
29	15.249	2110	2113	2117	rVV2	1918	2778	0.54%	0.048%
30	15.314	2119	2124	2127	rVV	1718	2271	0.44%	0.040%
31	15.367	2129	2133	2141	rBV5	2888	5476	1.07%	0.095%
32	15.443	2141	2146	2149	rVB2	1958	2169	0.42%	0.038%
33	15.602	2171	2173	2176	rBV2	869	1077	0.21%	0.019%
34	15.661	2179	2183	2186	rVV2	1638	2345	0.46%	0.041%

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35	15.702	2186	2190	2195	rVV	19241	23773	4.64%	0.414%
36	15.766	2195	2201	2205	rVV3	1613	3194	0.62%	0.056%
37	15.807	2205	2208	2210	rVV3	1003	1403	0.27%	0.024%
38	15.872	2212	2219	2225	rVB	298309	452498	88.22%	7.886%
39	15.931	2225	2229	2230	rBV	761	891	0.17%	0.016%
40	15.972	2230	2236	2244	rVB	53552	78210	15.25%	1.363%
41	16.107	2251	2259	2263	rBV3	6998	13881	2.71%	0.242%
42	16.142	2263	2265	2269	rVV3	1869	2634	0.51%	0.046%
43	16.201	2272	2275	2278	rVB2	2225	2747	0.54%	0.048%
44	16.260	2281	2285	2289	rVV2	2093	3462	0.67%	0.060%
45	16.324	2291	2296	2301	rVB3	3103	4026	0.78%	0.070%
46	16.559	2331	2336	2344	rBV	17885	30888	6.02%	0.538%
47	16.736	2364	2366	2369	rVB2	815	899	0.18%	0.016%
48	16.906	2390	2395	2400	rBV3	2427	5277	1.03%	0.092%
49	16.965	2403	2405	2408	rVV2	1677	1532	0.30%	0.027%
50	17.018	2412	2414	2419	rVB2	1563	2041	0.40%	0.036%
51	17.065	2419	2422	2427	rBV	1905	2061	0.40%	0.036%
52	17.135	2431	2434	2438	rBV3	1260	2019	0.39%	0.035%
53	17.170	2438	2440	2444	rVB2	1329	1226	0.24%	0.021%
54	17.352	2466	2471	2475	rVV	8999	11905	2.32%	0.207%
55	17.405	2475	2480	2484	rVV2	3120	5050	0.98%	0.088%
56	17.623	2510	2517	2524	rBV2	194233	290776	56.69%	5.068%
57	17.717	2527	2533	2540	rVB	313796	475010	92.61%	8.279%
58	18.093	2592	2597	2601	rBV2	2116	2688	0.52%	0.047%
59	18.474	2659	2662	2671	rBV2	9479	13971	2.72%	0.243%
60	19.620	2854	2857	2864	rVB	2817	4248	0.83%	0.074%
61	19.737	2873	2877	2880	rVV	2520	2931	0.57%	0.051%
62	19.873	2896	2900	2902	rBV	2221	2505	0.49%	0.044%
63	19.984	2913	2919	2928	rVV	370393	512899	100.00%	8.939%
64	20.460	2998	3000	3003	rBV2	2330	2805	0.55%	0.049%
65	20.683	3035	3038	3041	rBV2	905	943	0.18%	0.016%
66	20.854	3064	3067	3068	rBV	1129	960	0.19%	0.017%
67	20.877	3068	3071	3077	rVB6	1854	2532	0.49%	0.044%
68	20.918	3077	3078	3082	rVB4	1012	1010	0.20%	0.018%
69	20.983	3082	3089	3090	rBV4	2648	3813	0.74%	0.066%
70	21.018	3093	3095	3096	rBV2	1305	1008	0.20%	0.018%
71	21.036	3096	3098	3101	rVB4	1059	899	0.18%	0.016%

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72	21.118	3108	3112	3114	rVB3	1489	1968	0.38%	0.034%
73	21.512	3174	3179	3190	rBV	82488	123125	24.01%	2.146%
74	21.905	3239	3246	3252	rVB	179638	304937	59.45%	5.315%
75	22.728	3383	3386	3387	rBV3	2700	2598	0.51%	0.045%
76	22.745	3387	3389	3395	rVB6	3939	5659	1.10%	0.099%
77	23.462	3507	3511	3518	rVB5	3200	5497	1.07%	0.096%
78	23.662	3543	3545	3546	rBV2	1335	902	0.18%	0.016%
79	23.838	3573	3575	3580	rVB5	1398	1492	0.29%	0.026%
80	23.979	3596	3599	3603	rBV5	1422	1965	0.38%	0.034%
81	24.090	3616	3618	3619	rBV2	1961	1559	0.30%	0.027%
82	24.314	3651	3656	3664	rVB10	4688	9494	1.85%	0.165%
83	25.060	3771	3783	3795	rVB3	175717	496004	96.71%	8.645%
84	25.289	3808	3822	3837	rBV	102863	305410	59.55%	5.323%
85	25.453	3849	3850	3853	rBV3	1171	1116	0.22%	0.019%
86	26.499	4026	4028	4029	rBV2	1369	1163	0.23%	0.020%
87	26.534	4029	4034	4043	rVB7	4709	12249	2.39%	0.213%
88	26.646	4051	4053	4054	rBV2	1779	1207	0.24%	0.021%
89	28.073	4294	4296	4299	rBV4	1003	1168	0.23%	0.020%
90	28.326	4337	4339	4342	rVB4	1245	862	0.17%	0.015%
91	30.206	4657	4659	4661	rBV2	1089	984	0.19%	0.017%
92	30.253	4665	4667	4670	rBV5	1532	1330	0.26%	0.023%
93	31.334	4849	4851	4852	rBV2	924	854	0.17%	0.015%
94	31.433	4867	4868	4870	rBV2	1451	1065	0.21%	0.019%
95	31.457	4870	4872	4875	rVB4	1541	1608	0.31%	0.028%
96	31.492	4875	4878	4879	rBV3	1125	1303	0.25%	0.023%
97	31.510	4879	4881	4884	rVV4	1187	1244	0.24%	0.022%
98	31.833	4934	4936	4939	rBV4	1297	971	0.19%	0.017%
99	31.862	4939	4941	4943	rBV3	1503	1428	0.28%	0.025%
100	32.244	5004	5006	5010	rBV5	1030	1357	0.26%	0.024%

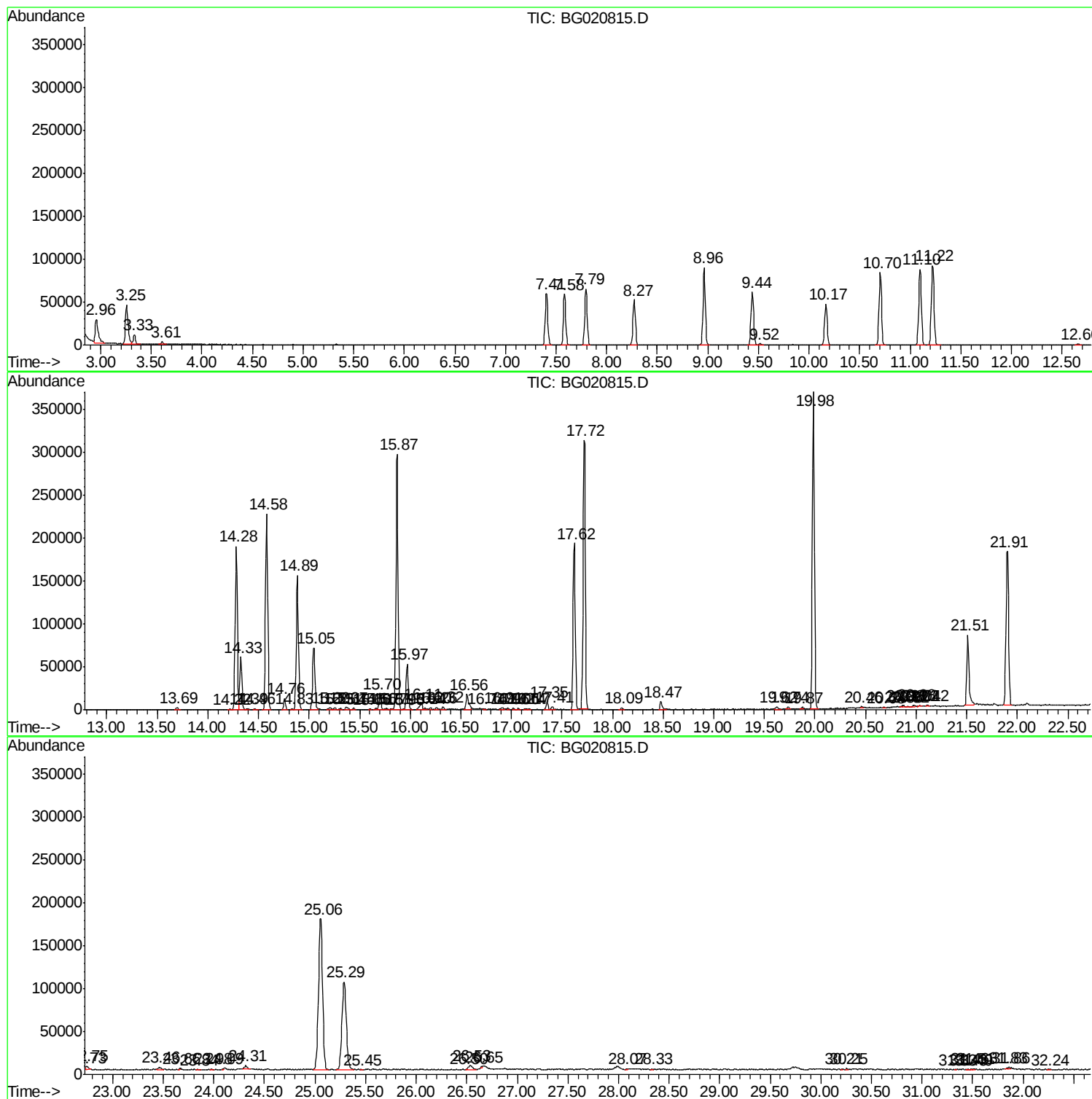
Sum of corrected areas: 5737751

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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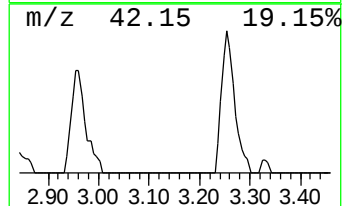
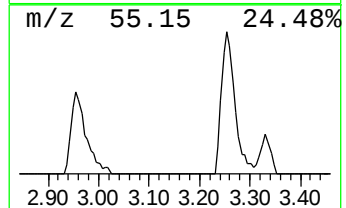
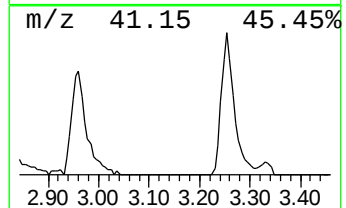
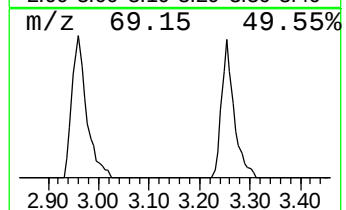
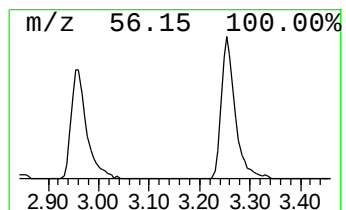
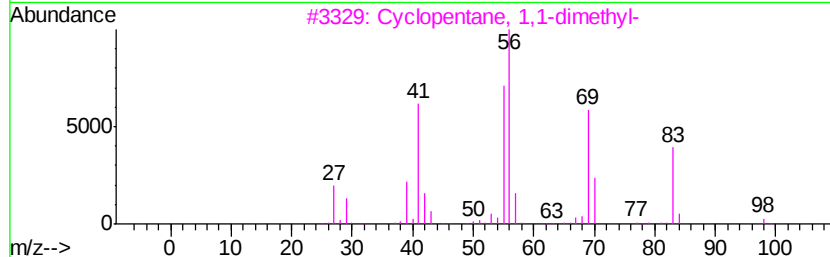
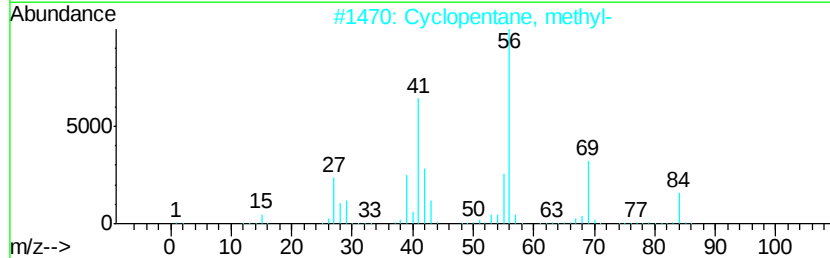
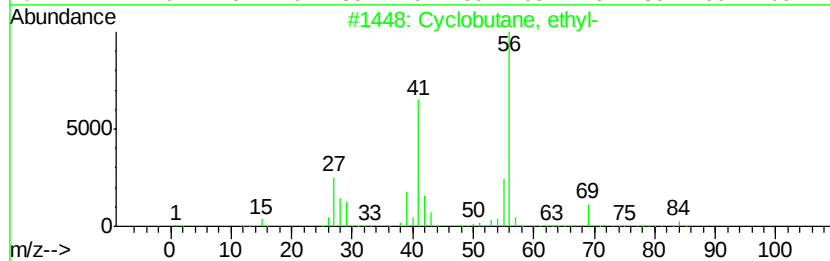
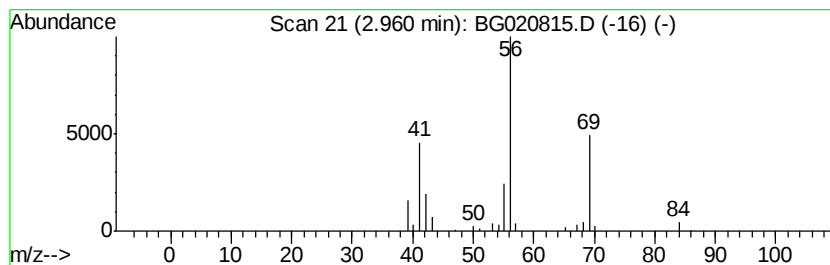
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	13.23 ng/ul	57901	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	56
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	46



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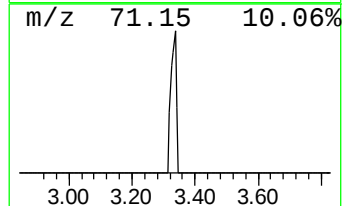
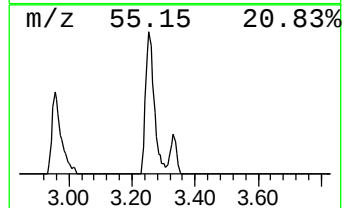
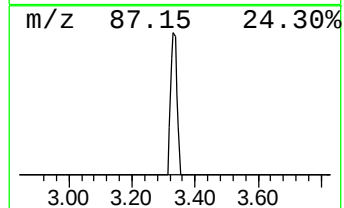
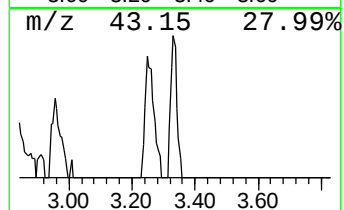
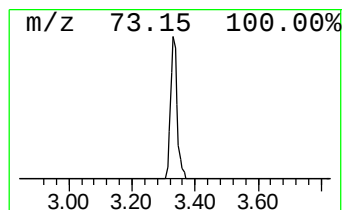
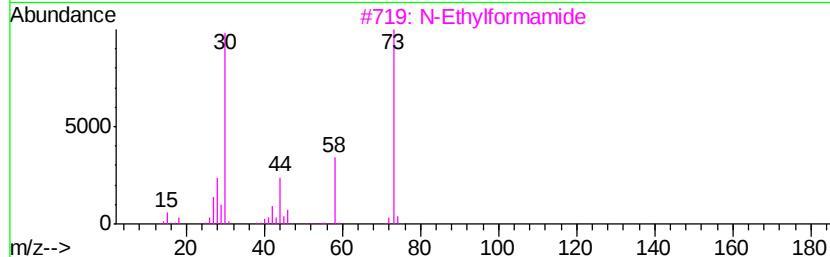
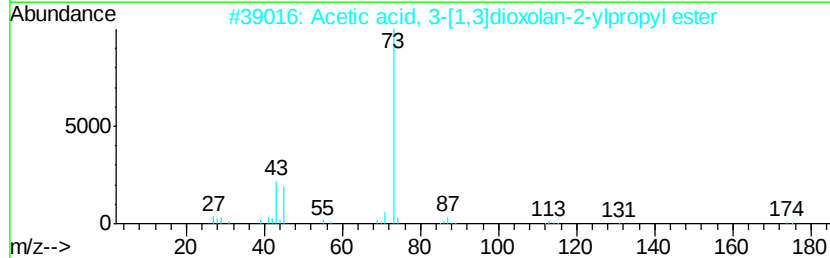
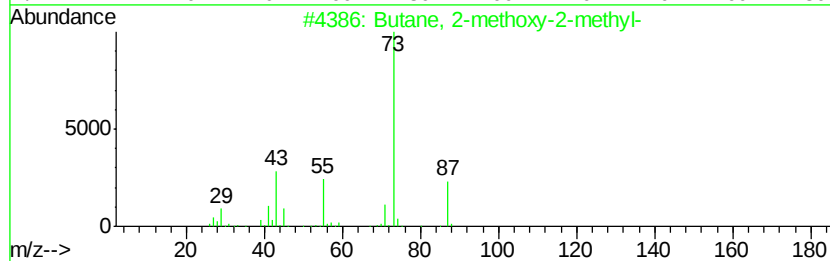
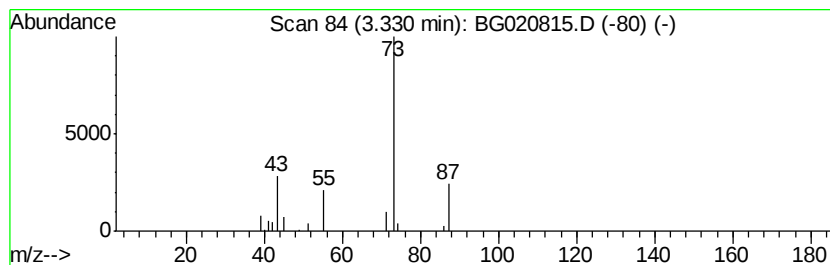
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	3.58 ng/ul	15666	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	25
3		N-Ethylformamide	73	C3H7NO	000627-45-2	7
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5



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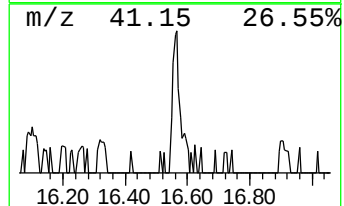
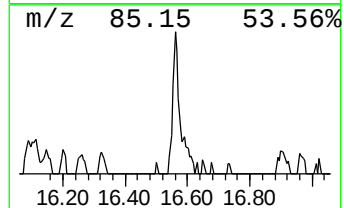
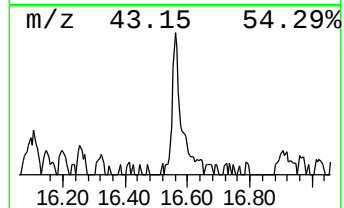
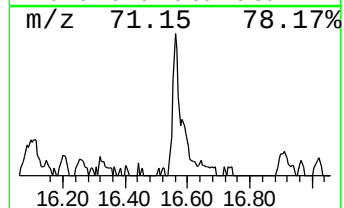
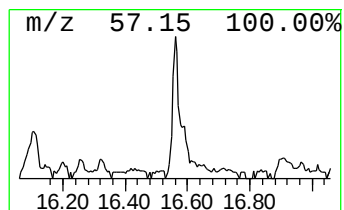
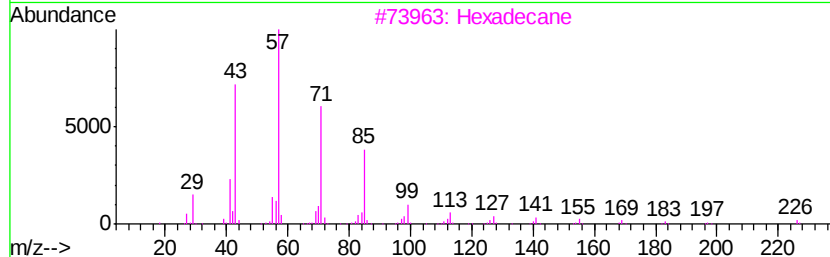
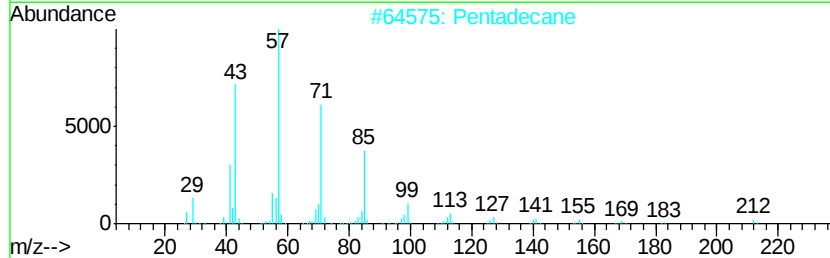
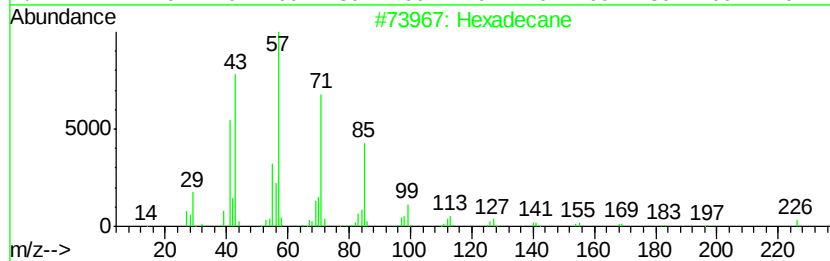
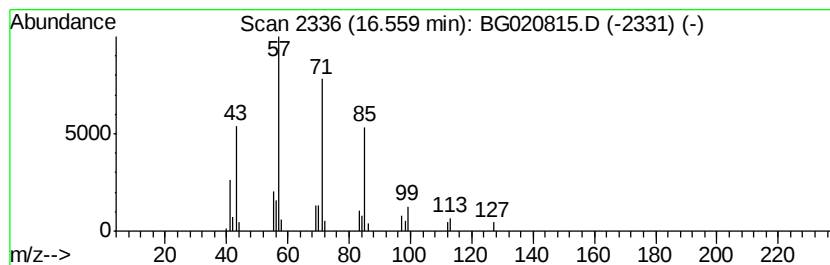
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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.12 ng/ul	30888	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020815.D
Acq On : 9 Feb 2016 13:32
Operator : SJ/UM
Sample : H1371-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04H8

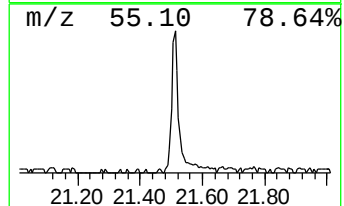
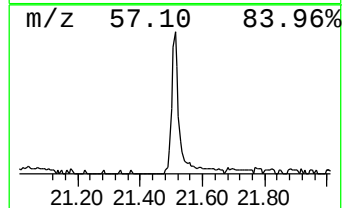
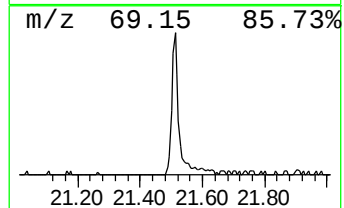
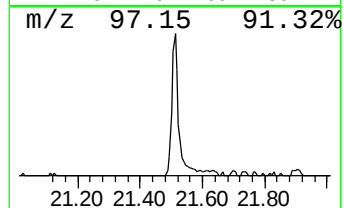
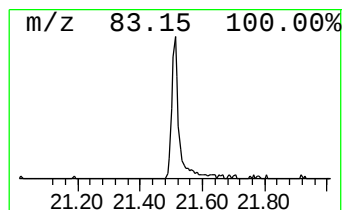
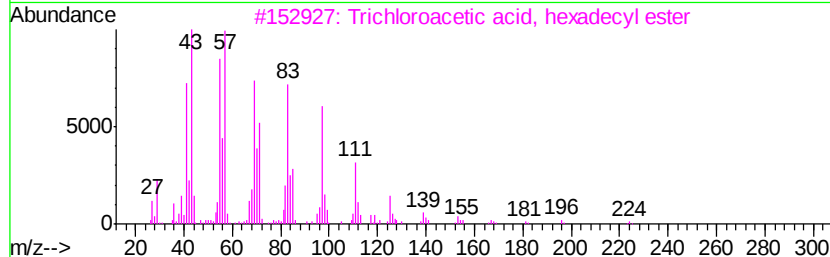
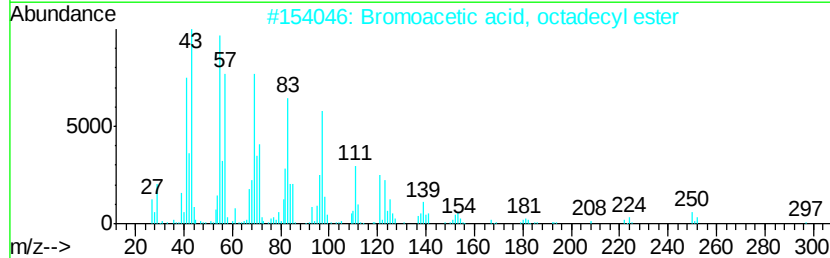
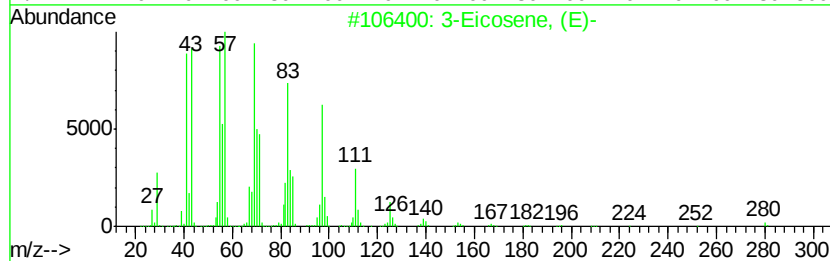
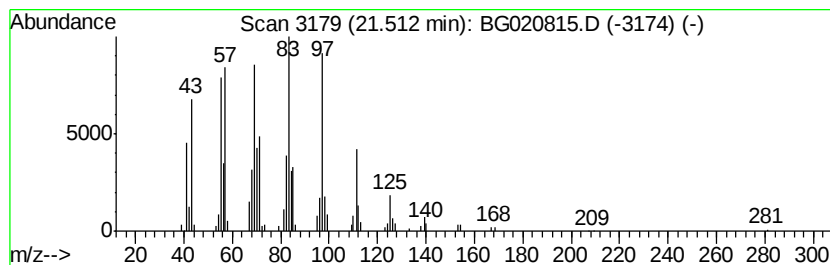
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	8.08 ng/ul	123125	Chrysene-d12	21.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	91	
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91		
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90		
4	Cyclohexadecane	224	C16H32	000295-65-8	87		
5	1-Pentadecanol	228	C15H32O	000629-76-5	83		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
Data File : BG020815.D
Acq On : 9 Feb 2016 13:32
Operator : SJ/UM
Sample : H1371-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04H8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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...	2.96	13.2	ng/ul	57901	1	8.27	87521	20.0
Butane, 2-methoxy...	3.33	3.6	ng/ul	15666	1	8.27	87521	20.0
(DEL) Alkane: Str...	16.56	2.1	ng/ul	30888	4	17.62	290776	20.0
(DEL) Alkane: Cyc...	21.51	8.1	ng/ul	123125	5	21.91	304937	20.0