

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020819.D
 Acq On : 9 Feb 2016 16:08
 Operator : SJ/UM
 Sample : H1371-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04P8

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	2.955	15	20	40	rVB	179344	387796	63.72%	5.351%
2	3.255	65	71	81	rBV	128612	237444	39.01%	3.276%
3	3.331	81	84	91	rVB	13997	19574	3.22%	0.270%
4	3.601	127	130	137	rVB2	3494	4788	0.79%	0.066%
5	3.889	177	179	187	rVB5	895	2071	0.34%	0.029%
6	7.208	740	744	749	rBB2	1309	1805	0.30%	0.025%
7	7.402	770	777	786	rBV	73781	125825	20.67%	1.736%
8	7.584	801	808	816	rBV	68972	110896	18.22%	1.530%
9	7.796	837	844	851	rVB	75916	125929	20.69%	1.738%
10	8.271	919	925	932	rVB	59862	96702	15.89%	1.334%
11	8.965	1036	1043	1051	rVB	107649	180079	29.59%	2.485%
12	9.440	1116	1124	1131	rBB	72849	127442	20.94%	1.759%
13	9.523	1131	1138	1145	rBV	7649	12648	2.08%	0.175%
14	10.169	1241	1248	1257	rVB	55952	97857	16.08%	1.350%
15	10.703	1331	1339	1347	rVB	99901	171422	28.17%	2.365%
16	11.097	1399	1406	1415	rBB	98548	170326	27.99%	2.350%
17	11.220	1420	1427	1436	rVB	108462	192014	31.55%	2.649%
18	12.660	1668	1672	1675	rBV	1369	1752	0.29%	0.024%
19	13.694	1844	1848	1853	rBB	3521	4470	0.73%	0.062%
20	14.222	1934	1938	1942	rBV2	1068	1597	0.26%	0.022%
21	14.281	1942	1948	1952	rVV	224205	317057	52.10%	4.375%
22	14.322	1952	1955	1963	rVV	84034	119674	19.66%	1.651%
23	14.387	1963	1966	1970	rVV	1683	1840	0.30%	0.025%
24	14.463	1976	1979	1983	rVB	1165	1437	0.24%	0.020%
25	14.581	1992	1999	2006	rVB	270431	408655	67.15%	5.639%
26	14.757	2024	2029	2038	rVB	16232	20659	3.39%	0.285%
27	14.833	2038	2042	2044	rBV2	1323	1764	0.29%	0.024%
28	14.886	2044	2051	2060	rVB2	166791	262966	43.21%	3.629%
29	15.051	2069	2079	2090	rBV	93524	152146	25.00%	2.099%
30	15.197	2099	2104	2110	rVV3	2634	5719	0.94%	0.079%
31	15.250	2110	2113	2118	rVV2	2973	3934	0.65%	0.054%
32	15.309	2120	2123	2128	rVV3	2358	2711	0.45%	0.037%
33	15.368	2128	2133	2142	rVV3	3575	6775	1.11%	0.093%
34	15.438	2142	2145	2149	rVB2	2551	3372	0.55%	0.047%

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35	15.597	2168	2172	2173	rBV	1198	1440	0.24%	0.020%
36	15.656	2178	2182	2186	rBV	4671	6800	1.12%	0.094%
37	15.703	2186	2190	2195	rVV	22625	28124	4.62%	0.388%
38	15.761	2197	2200	2204	rVV3	2546	3314	0.54%	0.046%
39	15.808	2204	2208	2209	rVV4	1277	2085	0.34%	0.029%
40	15.867	2212	2218	2226	rVB	352508	523482	86.01%	7.223%
41	15.973	2230	2236	2248	rVB	66674	98629	16.21%	1.361%
42	16.102	2248	2258	2263	rBV3	8615	17325	2.85%	0.239%
43	16.149	2263	2266	2271	rVV4	1778	2732	0.45%	0.038%
44	16.196	2271	2274	2280	rVB	3164	4753	0.78%	0.066%
45	16.255	2280	2284	2290	rBV2	3166	5926	0.97%	0.082%
46	16.325	2292	2296	2299	rBV	3659	4490	0.74%	0.062%
47	16.513	2324	2328	2331	rBV2	1099	1622	0.27%	0.022%
48	16.560	2331	2336	2345	rBV2	22276	39218	6.44%	0.541%
49	16.631	2347	2348	2353	rVV3	2178	2634	0.43%	0.036%
50	16.842	2381	2384	2388	rVB2	1119	1565	0.26%	0.022%
51	16.901	2390	2394	2401	rBV2	3291	7673	1.26%	0.106%
52	16.966	2401	2405	2407	rVV3	2008	2646	0.43%	0.037%
53	17.018	2410	2414	2418	rVB4	2133	2804	0.46%	0.039%
54	17.071	2418	2423	2427	rBV2	2149	3468	0.57%	0.048%
55	17.136	2429	2434	2436	rBV	2278	2954	0.49%	0.041%
56	17.353	2465	2471	2475	rBV	14742	19662	3.23%	0.271%
57	17.406	2475	2480	2485	rVB2	4761	7337	1.21%	0.101%
58	17.624	2510	2517	2523	rBV2	200241	312154	51.29%	4.307%
59	17.718	2527	2533	2541	rVV2	374829	558519	91.77%	7.707%
60	17.776	2541	2543	2547	rVB2	981	1345	0.22%	0.019%
61	17.823	2547	2551	2555	rBV	1405	1595	0.26%	0.022%
62	17.976	2572	2577	2579	rVV2	1206	1486	0.24%	0.021%
63	18.088	2592	2596	2602	rVB2	6806	8425	1.38%	0.116%
64	18.481	2658	2663	2670	rBV	20949	31288	5.14%	0.432%
65	18.558	2674	2676	2680	rVB	1424	1451	0.24%	0.020%
66	18.775	2707	2713	2716	rBV2	2819	4375	0.72%	0.060%
67	18.904	2731	2735	2737	rVV2	1302	1620	0.27%	0.022%
68	19.004	2748	2752	2755	rBV2	1190	1787	0.29%	0.025%
69	19.333	2800	2808	2810	rBV2	1510	2282	0.37%	0.031%
70	19.398	2815	2819	2823	rBV2	1476	2216	0.36%	0.031%
71	19.621	2853	2857	2861	rVB3	4160	5128	0.84%	0.071%

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72	19.732	2872	2876	2881	rBV2	6818	9295	1.53%	0.128%
73	19.879	2896	2901	2905	rVB2	3016	4982	0.82%	0.069%
74	19.985	2913	2919	2925	rBV	446343	608612	100.00%	8.398%
75	20.461	2996	3000	3004	rBV3	1545	2437	0.40%	0.034%
76	20.872	3067	3070	3076	rVB6	2176	3996	0.66%	0.055%
77	20.984	3084	3089	3091	rBV5	3012	4699	0.77%	0.065%
78	21.031	3093	3097	3105	rVV9	3642	9094	1.49%	0.125%
79	21.330	3147	3148	3153	rVB4	2036	2129	0.35%	0.029%
80	21.377	3153	3156	3157	rBV2	1383	1316	0.22%	0.018%
81	21.512	3171	3179	3187	rBV	56364	91808	15.08%	1.267%
82	21.900	3238	3245	3253	rBV	200892	333089	54.73%	4.596%
83	22.658	3371	3374	3376	rBV4	1111	1492	0.25%	0.021%
84	22.752	3382	3390	3393	rBV8	5313	12128	1.99%	0.167%
85	23.457	3505	3510	3519	rVV7	4542	10090	1.66%	0.139%
86	23.668	3541	3546	3550	rBV5	3406	5261	0.86%	0.073%
87	24.103	3615	3620	3625	rBV7	3701	6983	1.15%	0.096%
88	24.314	3651	3656	3662	rVB6	6208	13407	2.20%	0.185%
89	25.055	3771	3782	3794	rVB	213123	590980	97.10%	8.155%
90	25.290	3811	3822	3837	rVB	113686	334095	54.89%	4.610%
91	25.513	3854	3860	3863	rBV6	1713	3103	0.51%	0.043%
92	26.341	3999	4001	4004	rVB5	1189	1299	0.21%	0.018%
93	26.529	4025	4033	4034	rBV4	6952	12401	2.04%	0.171%
94	26.652	4045	4054	4055	rBV7	4864	8652	1.42%	0.119%
95	27.974	4269	4279	4292	rBV6	7925	31679	5.21%	0.437%
96	28.127	4303	4305	4308	rBV4	1568	2349	0.39%	0.032%
97	29.731	4570	4578	4580	rBV6	5473	11885	1.95%	0.164%
98	29.848	4595	4598	4602	rVB4	1232	1511	0.25%	0.021%
99	31.387	4856	4860	4862	rBV3	1086	1588	0.26%	0.022%
100	31.863	4925	4941	4943	rBV10	5963	21320	3.50%	0.294%

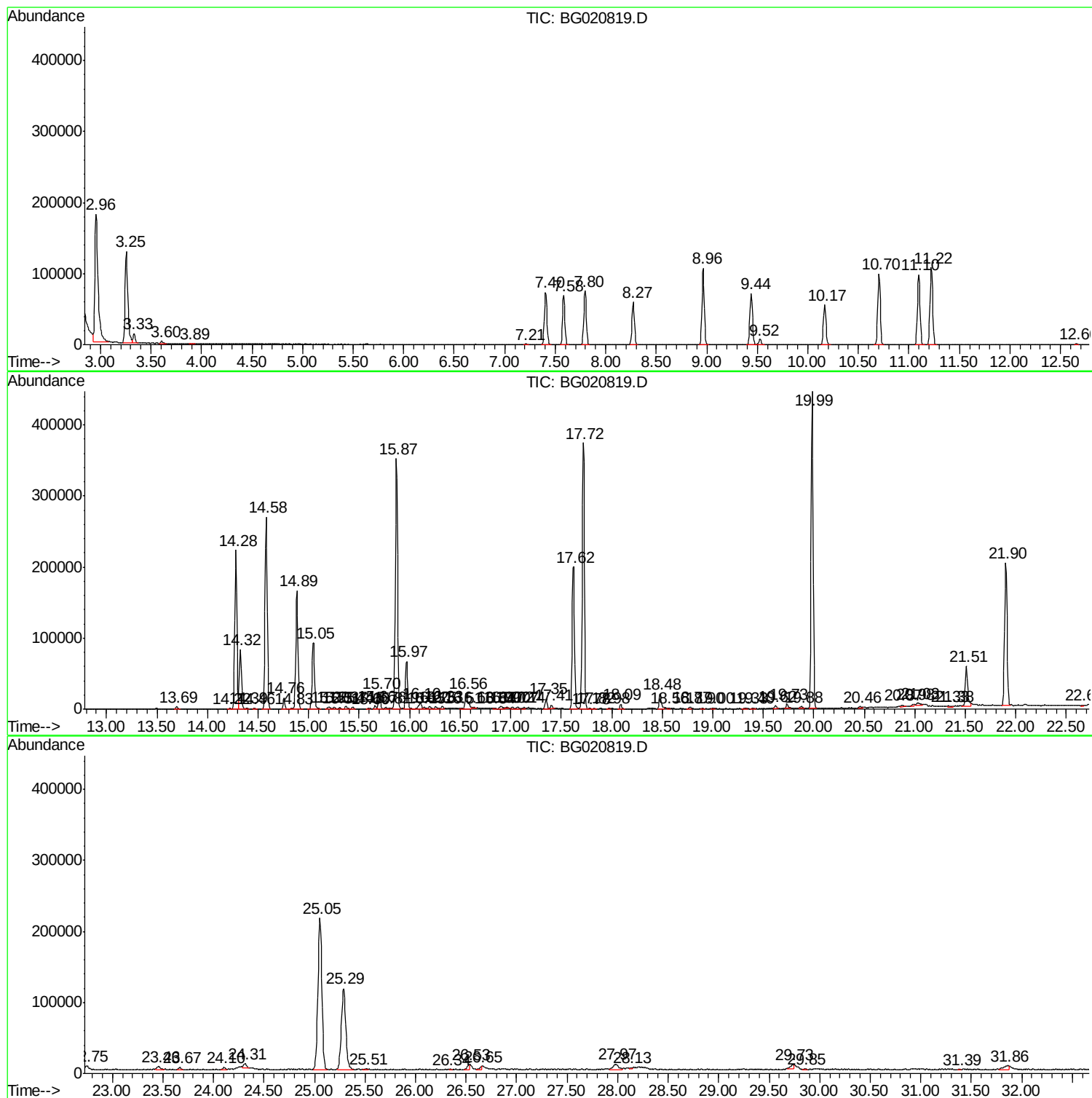
Sum of corrected areas: 7247180

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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



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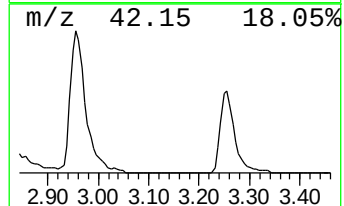
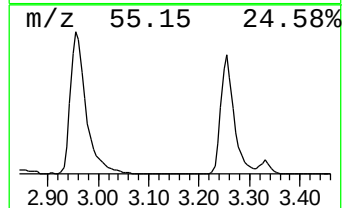
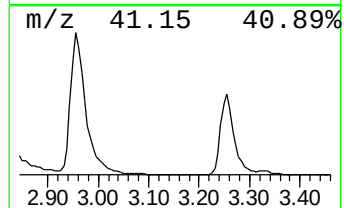
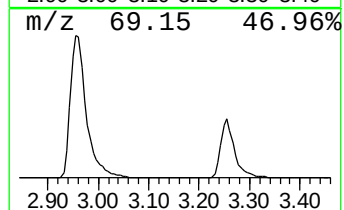
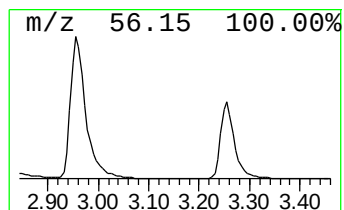
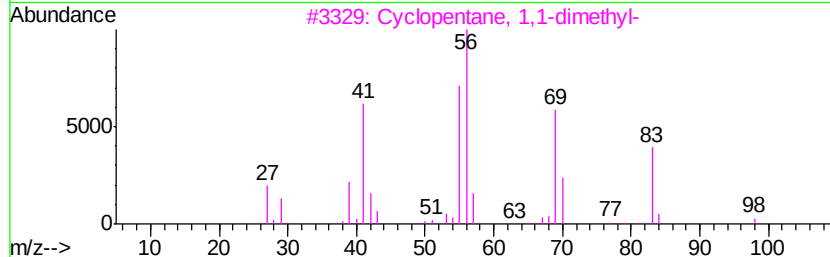
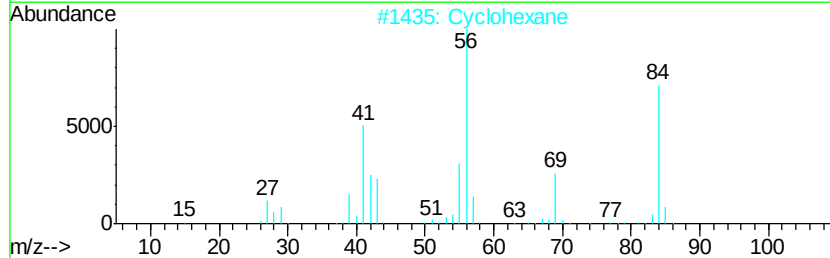
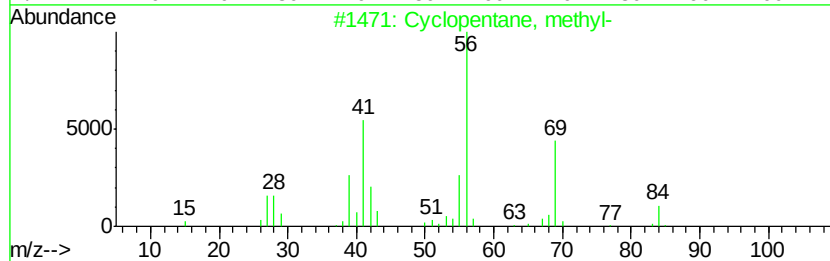
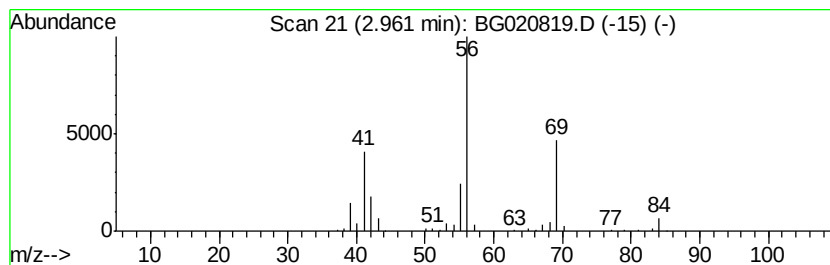
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	80.20 ng/ul	387796	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclohexane	84	C6H12	000110-82-7	83
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



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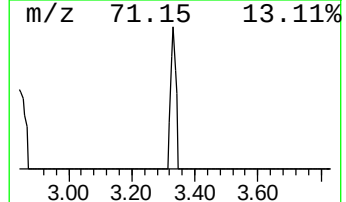
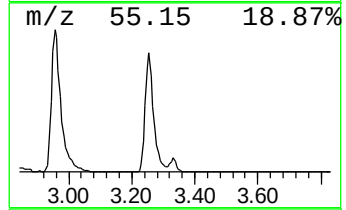
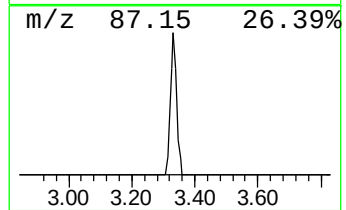
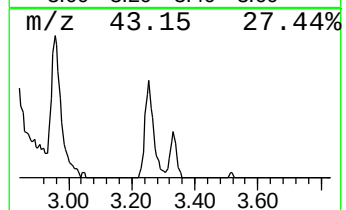
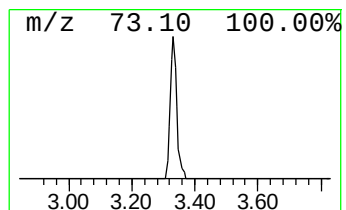
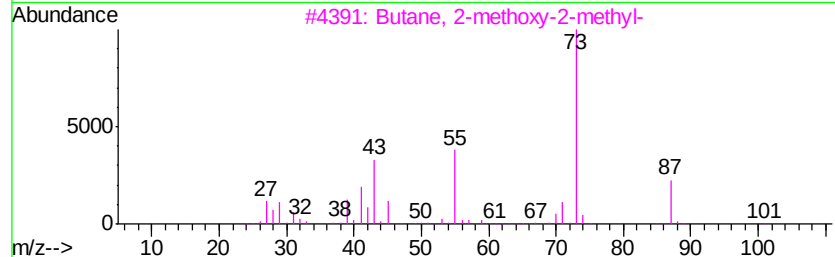
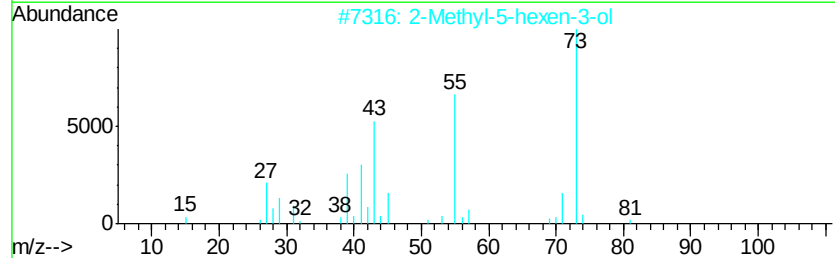
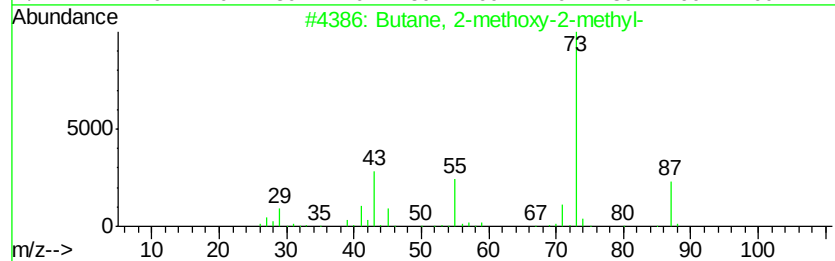
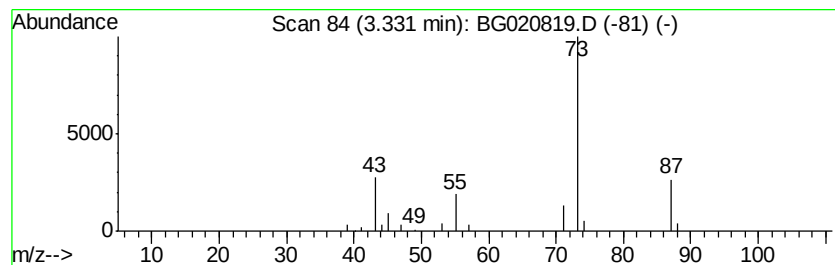
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	4.05 ng/ul	19574	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	59
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
3		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5		1,4-Butanediamine	88	C4H12N2	000110-60-1	5



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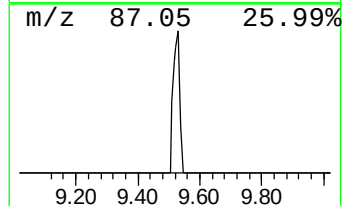
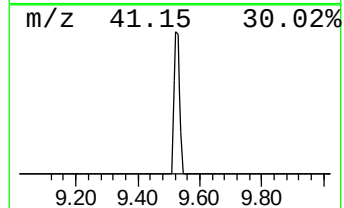
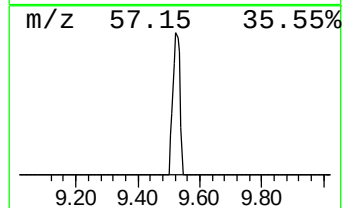
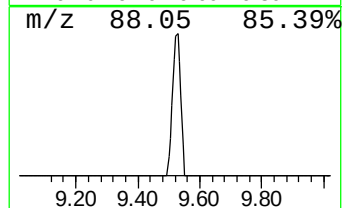
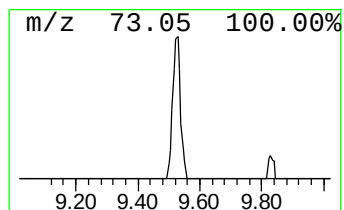
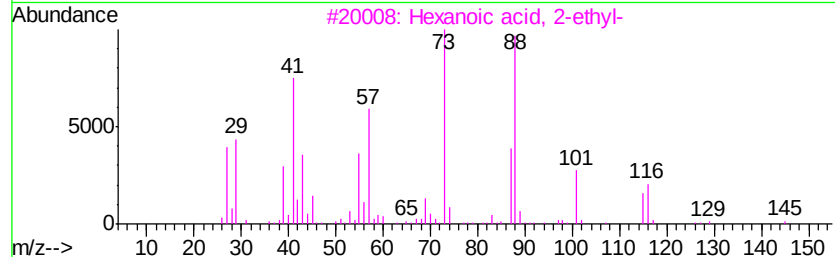
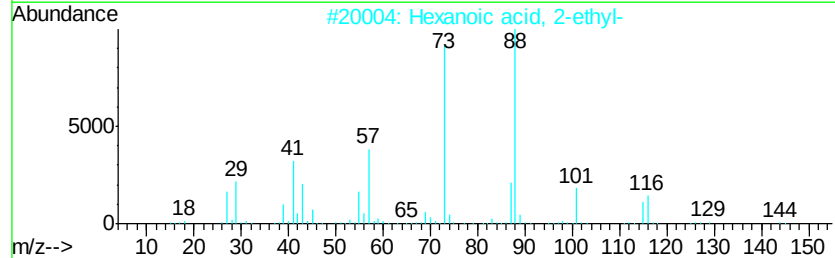
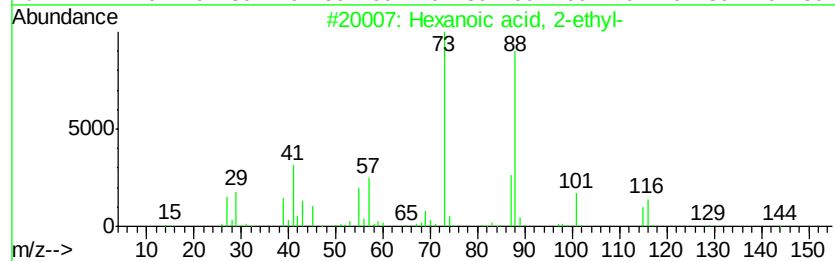
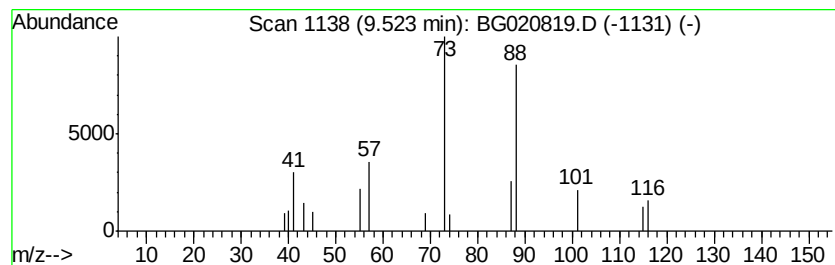
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Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.62 ng/ul	12648	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
3			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
4			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	36



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020819.D
Acq On : 9 Feb 2016 16:08
Operator : SJ/UM
Sample : H1371-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04P8

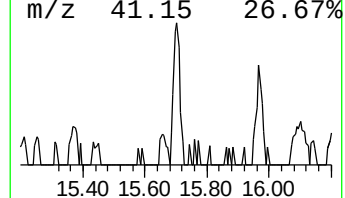
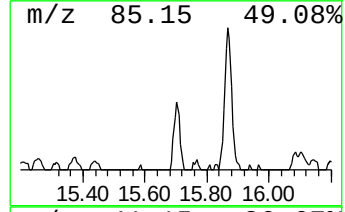
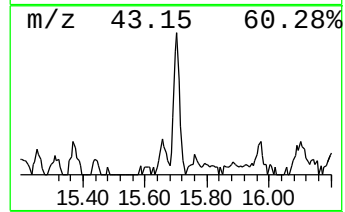
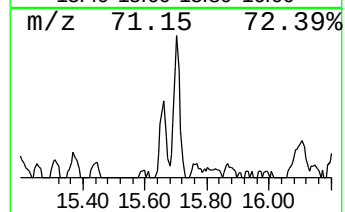
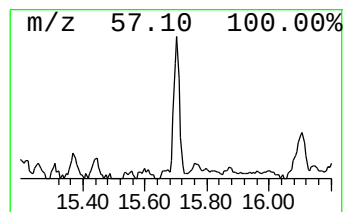
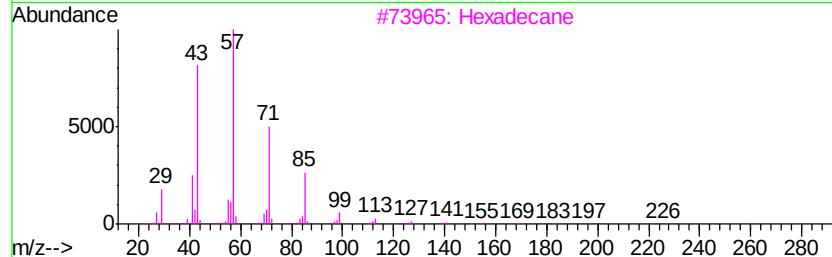
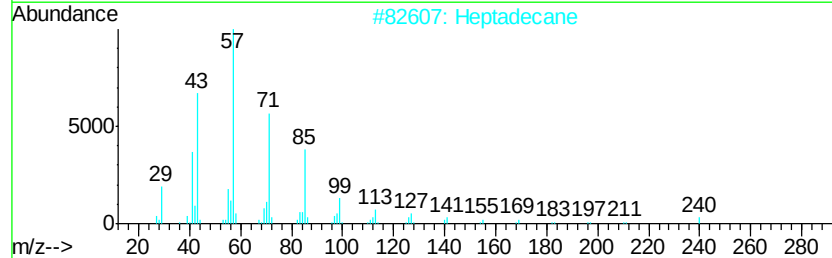
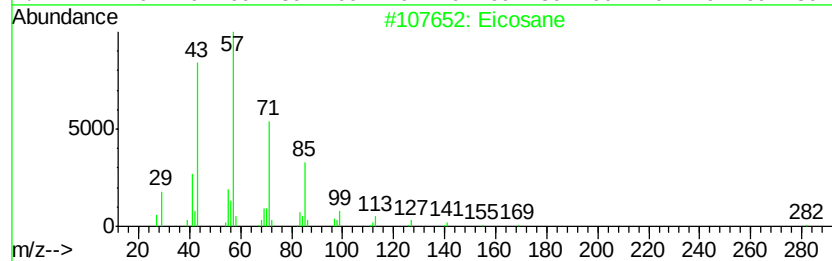
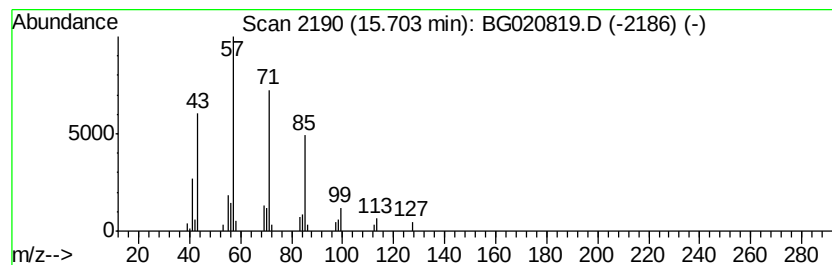
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.14 ng/ul	28124	Acenaphthene-d10	14.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020819.D
Acq On : 9 Feb 2016 16:08
Operator : SJ/UM
Sample : H1371-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04P8

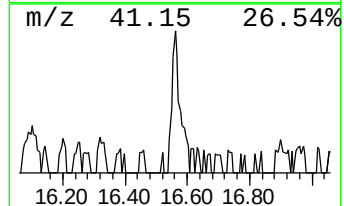
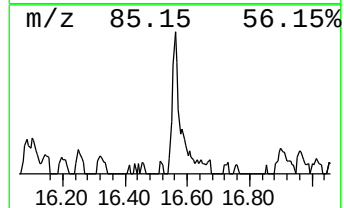
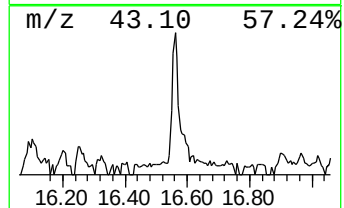
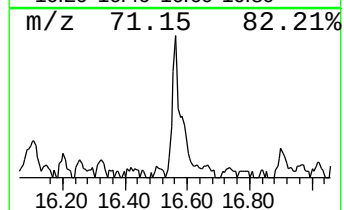
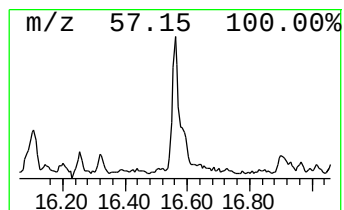
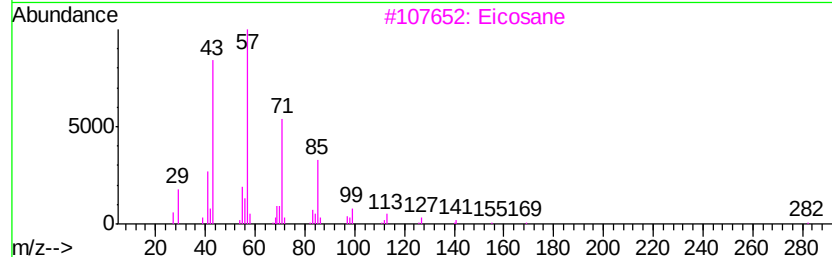
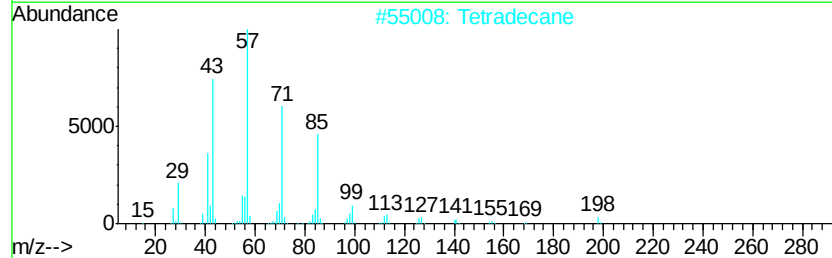
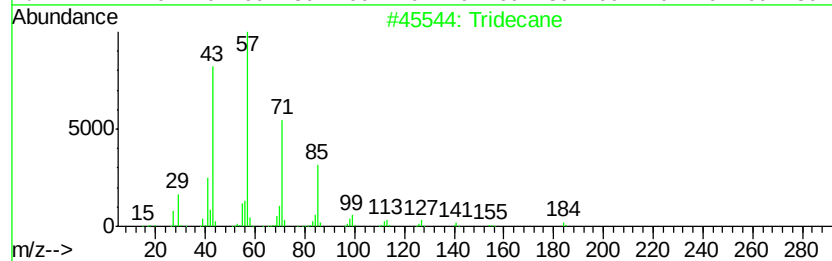
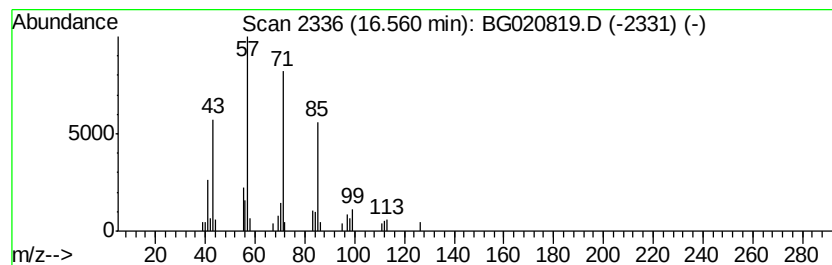
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.51 ng/ul	39218	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	83
2		Tetradecane	198	C14H30	000629-59-4	83
3		Eicosane	282	C20H42	000112-95-8	72
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020819.D
Acq On : 9 Feb 2016 16:08
Operator : SJ/UM
Sample : H1371-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04P8

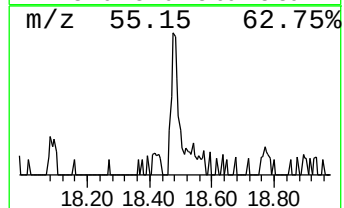
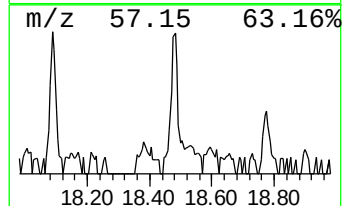
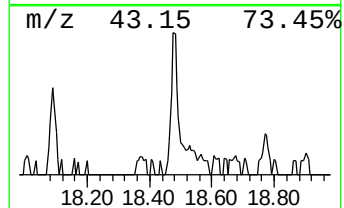
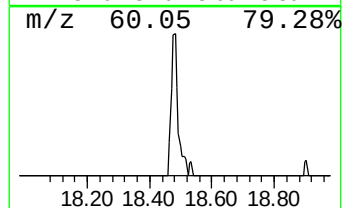
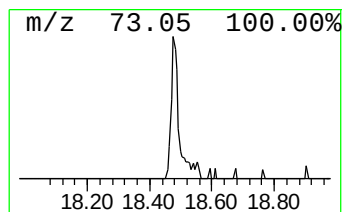
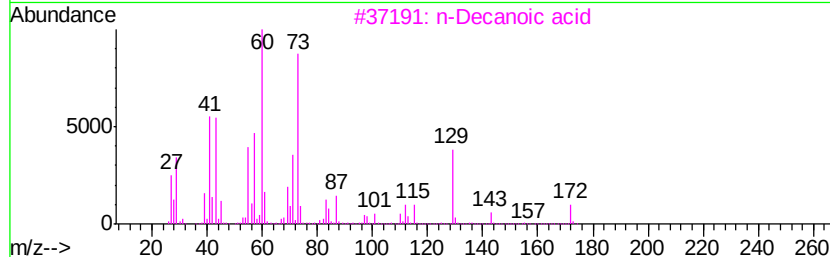
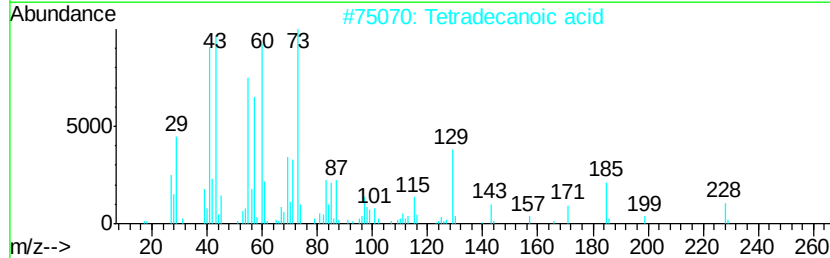
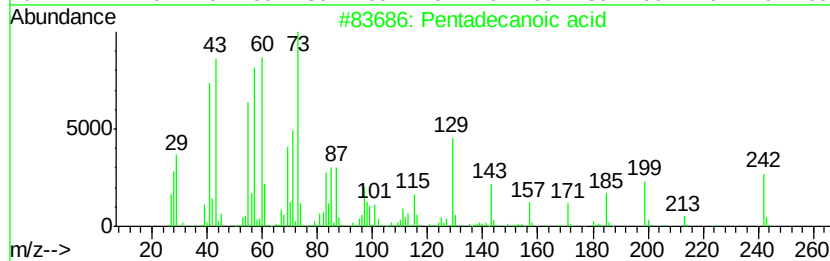
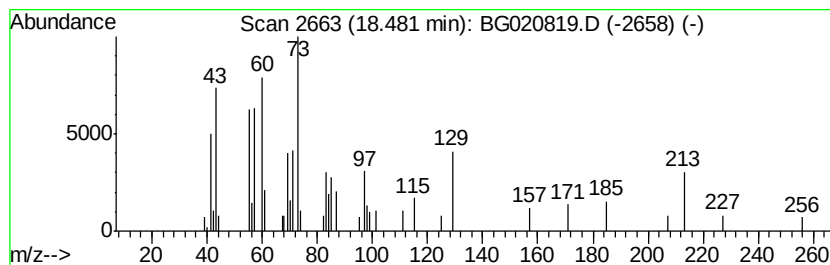
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.00 ng/ul	31288	Phenanthrene-d10	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			n-Decanoic acid	172	C10H20O2	000334-48-5	53
4			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
5			Sedoheptulosan	192	C7H12O6	000469-90-9	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020819.D
Acq On : 9 Feb 2016 16:08
Operator : SJ/UM
Sample : H1371-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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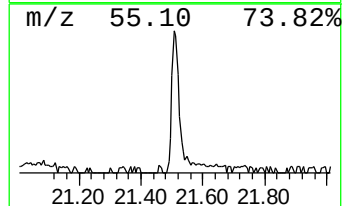
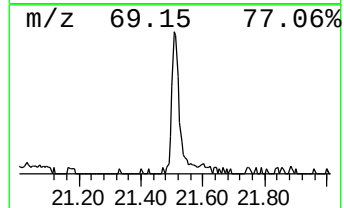
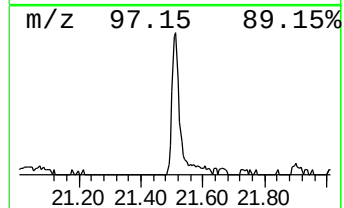
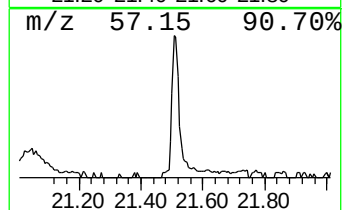
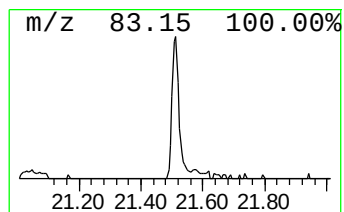
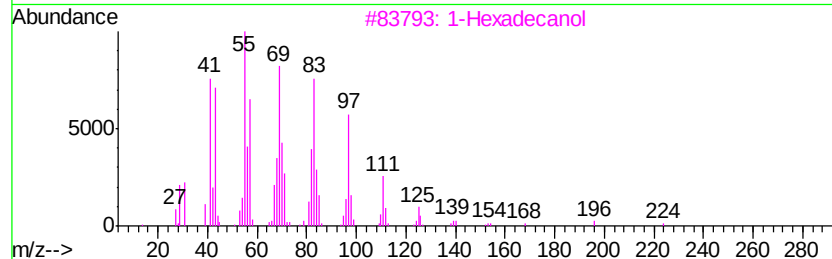
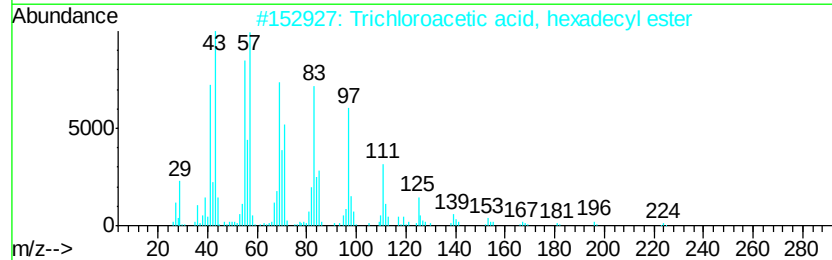
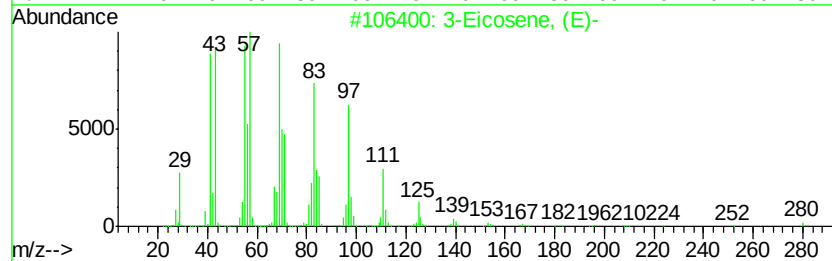
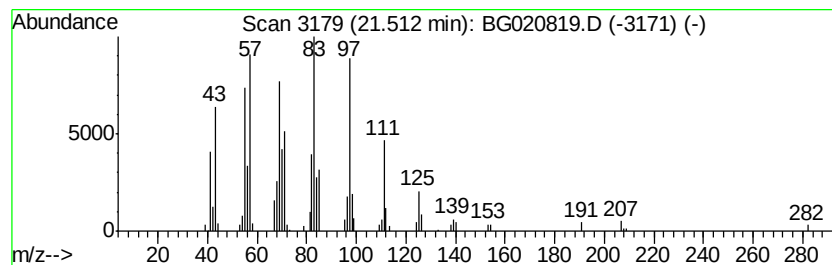
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	5.51 ng/ul	91808	Chrysene-d12	21.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
3	1-Hexadecanol		242	C16H34O	036653-82-4	90
4	1-Heptadecanol		256	C17H36O	001454-85-9	90
5	Trichloroacetic acid, tetradecyl...		358	C16H29Cl3O2	074339-52-9	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
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Acq On : 9 Feb 2016 16:08
Operator : SJ/UM
Sample : H1371-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04P8

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	80.2	ng/ul	387796	1	8.27	96702	20.0
Butane, 2-methoxy...	3.33	4.0	ng/ul	19574	1	8.27	96702	20.0
Hexanoic acid, 2-...	9.52	2.6	ng/ul	12648	1	8.27	96702	20.0
(DEL) Alkane: Str...	15.70	2.1	ng/ul	28124	3	14.89	262966	20.0
(DEL) Alkane: Str...	16.56	2.5	ng/ul	39218	4	17.62	312154	20.0
Pentadecanoic acid	18.48	2.0	ng/ul	31288	4	17.62	312154	20.0
(DEL) Alkane: Cyc...	21.51	5.5	ng/ul	91808	5	21.90	333089	20.0