

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
 Data File : BG021250.D
 Acq On : 4 Mar 2016 1:32
 Operator : UM/SJ
 Sample : H1626-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFJ7

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-BG030316.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	3.190	55	60	69	rVV	27117	52081	15.64%	1.437%
2	3.266	69	73	81	rVB	20275	30687	9.22%	0.847%
3	3.448	101	104	112	rBV	3648	5204	1.56%	0.144%
4	3.947	185	189	194	rVB3	629	1054	0.32%	0.029%
5	4.329	252	254	257	rBV3	737	1043	0.31%	0.029%
6	4.658	306	310	317	rVB2	6993	10267	3.08%	0.283%
7	5.546	457	461	465	rVV2	936	1600	0.48%	0.044%
8	5.604	469	471	476	rVV3	1774	1923	0.58%	0.053%
9	6.168	562	567	574	rVB3	6662	10436	3.13%	0.288%
10	7.097	722	725	728	rVB	798	950	0.29%	0.026%
11	7.214	742	745	750	rBB2	2370	3118	0.94%	0.086%
12	7.279	750	756	764	rBV	16653	28937	8.69%	0.798%
13	7.449	780	785	792	rVV	40150	67088	20.15%	1.851%
14	7.661	814	821	827	rBV	48173	76558	23.00%	2.112%
15	7.814	842	847	852	rVB2	7348	11407	3.43%	0.315%
16	8.131	893	901	907	rBB	40093	64697	19.43%	1.785%
17	8.683	991	995	1000	rBB	2609	3818	1.15%	0.105%
18	8.824	1014	1019	1030	rBB	35212	63020	18.93%	1.739%
19	9.294	1092	1099	1108	rBB	55332	96372	28.95%	2.659%
20	9.388	1111	1115	1120	rBB2	3109	4443	1.33%	0.123%
21	9.441	1120	1124	1128	rBB2	4036	5023	1.51%	0.139%
22	10.017	1216	1222	1229	rBB	48438	82626	24.82%	2.279%
23	10.434	1290	1293	1297	rBV	732	1021	0.31%	0.028%
24	10.552	1307	1313	1323	rBB	62141	104696	31.45%	2.888%
25	10.939	1372	1379	1386	rBB	59530	102687	30.85%	2.833%
26	11.074	1398	1402	1406	rBV	1452	1945	0.58%	0.054%
27	13.348	1783	1789	1791	rBB	1546	1835	0.55%	0.051%
28	13.624	1831	1836	1842	rBB2	3778	5412	1.63%	0.149%
29	14.141	1918	1924	1928	rBV	124497	178652	53.66%	4.928%
30	14.188	1928	1932	1937	rVB	34210	47229	14.19%	1.303%
31	14.259	1940	1944	1948	rBB	3222	4134	1.24%	0.114%
32	14.371	1959	1963	1966	rBV2	1534	1614	0.48%	0.045%
33	14.435	1968	1974	1981	rBV	135495	205230	61.65%	5.662%
34	14.611	2000	2004	2008	rBB	1861	2164	0.65%	0.060%

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35	14.741	2020	2026	2032	rBB2	88000	137547	41.32%	3.794%
36	14.917	2051	2056	2063	rBV	16969	27969	8.40%	0.772%
37	15.516	2155	2158	2162	rBV	1755	2732	0.82%	0.075%
38	15.563	2162	2166	2169	rVB	4161	5192	1.56%	0.143%
39	15.728	2186	2194	2201	rBB	171164	257289	77.28%	7.098%
40	15.834	2206	2212	2220	rBB	72186	102959	30.93%	2.840%
41	15.969	2229	2235	2238	rVV2	2698	4319	1.30%	0.119%
42	16.110	2255	2259	2264	rBB	1057	1424	0.43%	0.039%
43	16.421	2307	2312	2315	rBV	6501	9364	2.81%	0.258%
44	16.497	2323	2325	2329	rVB	888	1090	0.33%	0.030%
45	16.603	2340	2343	2347	rVB	2388	2588	0.78%	0.071%
46	16.703	2357	2360	2364	rBV	704	1094	0.33%	0.030%
47	16.762	2366	2370	2373	rBV2	1414	2044	0.61%	0.056%
48	16.809	2373	2378	2384	rBV	8896	13398	4.02%	0.370%
49	16.850	2384	2385	2389	rVV	1132	998	0.30%	0.028%
50	16.879	2389	2390	2393	rVB	1208	938	0.28%	0.026%
51	16.926	2393	2398	2401	rBV2	1230	2213	0.66%	0.061%
52	16.997	2406	2410	2413	rBV2	1168	1303	0.39%	0.036%
53	17.208	2442	2446	2450	rVV3	5952	8010	2.41%	0.221%
54	17.261	2450	2455	2459	rVB4	4119	7941	2.39%	0.219%
55	17.344	2467	2469	2472	rBV	865	931	0.28%	0.026%
56	17.479	2485	2492	2497	rVV	115169	173170	52.02%	4.777%
57	17.573	2502	2508	2515	rVV2	178547	273242	82.08%	7.538%
58	17.684	2522	2527	2529	rBV4	904	1140	0.34%	0.031%
59	17.831	2550	2552	2555	rVV3	1685	1665	0.50%	0.046%
60	17.949	2568	2572	2575	rBV2	3679	4988	1.50%	0.138%
61	18.113	2598	2600	2604	rBV2	1061	1479	0.44%	0.041%
62	18.213	2615	2617	2622	rVB2	829	1044	0.31%	0.029%
63	18.342	2633	2639	2646	rBV2	25574	35227	10.58%	0.972%
64	18.630	2684	2688	2691	rBV3	2901	4219	1.27%	0.116%
65	18.765	2707	2711	2717	rBV5	1190	2000	0.60%	0.055%
66	18.842	2721	2724	2727	rBV3	1497	1533	0.46%	0.042%
67	18.871	2727	2729	2731	rBV	1149	931	0.28%	0.026%
68	18.995	2748	2750	2753	rBV2	1019	1129	0.34%	0.031%
69	19.042	2755	2758	2761	rBV	934	1327	0.40%	0.037%
70	19.188	2782	2783	2786	rBV3	1137	1152	0.35%	0.032%
71	19.253	2792	2794	2797	rBV4	1988	2760	0.83%	0.076%

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72	19.282	2797	2799	2802	rVV2	1629	1859	0.56%	0.051%
73	19.318	2802	2805	2809	rVB4	1576	2128	0.64%	0.059%
74	19.376	2813	2815	2817	rBV2	993	920	0.28%	0.025%
75	19.482	2829	2833	2837	rBV3	2235	3596	1.08%	0.099%
76	19.541	2839	2843	2848	rVB	18300	21187	6.36%	0.584%
77	19.606	2850	2854	2859	rBV3	9819	12273	3.69%	0.339%
78	19.735	2874	2876	2878	rBV3	2052	2250	0.68%	0.062%
79	19.846	2888	2895	2905	rBV	240259	332912	100.00%	9.184%
80	19.946	2910	2912	2913	rBV2	1583	1403	0.42%	0.039%
81	20.011	2917	2923	2926	rBV7	2423	5002	1.50%	0.138%
82	20.129	2940	2943	2944	rBV3	1367	1406	0.42%	0.039%
83	20.358	2979	2982	2986	rVB5	3452	4996	1.50%	0.138%
84	20.458	2997	2999	3002	rBV4	1551	1485	0.45%	0.041%
85	20.534	3010	3012	3015	rVB4	1835	1366	0.41%	0.038%
86	20.851	3063	3066	3068	rBV3	5330	5280	1.59%	0.146%
87	21.357	3148	3152	3160	rVB2	27529	41822	12.56%	1.154%
88	21.609	3191	3195	3201	rVB	13679	20115	6.04%	0.555%
89	21.733	3210	3216	3224	rVB	125579	216073	64.90%	5.961%
90	21.791	3224	3226	3227	rBV	2536	1022	0.31%	0.028%
91	21.915	3244	3247	3251	rVB5	7808	8870	2.66%	0.245%
92	22.520	3347	3350	3357	rVB6	7582	14819	4.45%	0.409%
93	23.225	3466	3470	3477	rVB6	8948	17676	5.31%	0.488%
94	24.030	3604	3607	3608	rBV2	5587	5642	1.69%	0.156%
95	24.347	3659	3661	3662	rBV2	2583	1218	0.37%	0.034%
96	24.776	3724	3734	3742	rVB2	102204	278799	83.75%	7.691%
97	24.993	3762	3771	3781	rVB	80549	211127	63.42%	5.824%
98	26.133	3960	3965	3975	rVB8	9927	27949	8.40%	0.771%
99	29.946	4612	4614	4616	rVB4	2664	1940	0.58%	0.054%
100	31.744	4918	4920	4924	rVB4	2843	2508	0.75%	0.069%

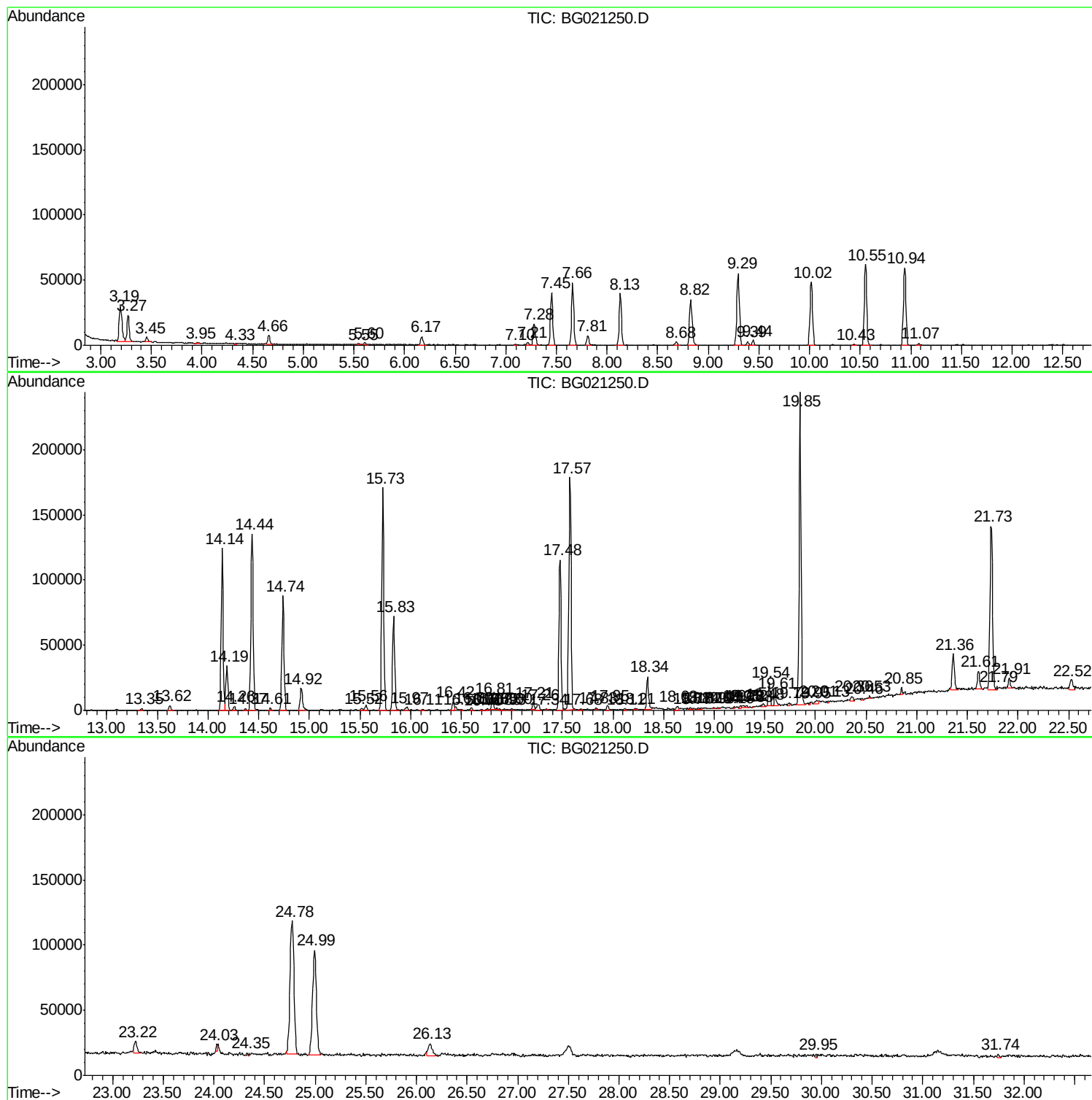
Sum of corrected areas: 3624963

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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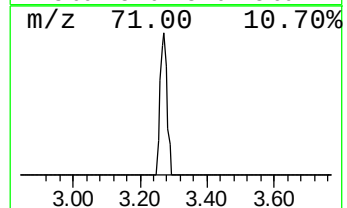
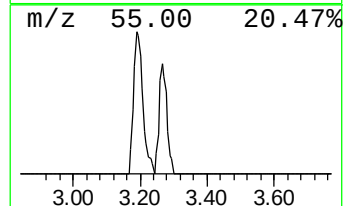
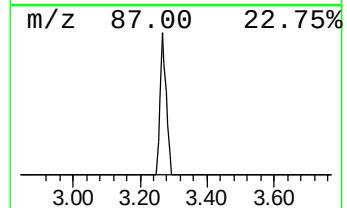
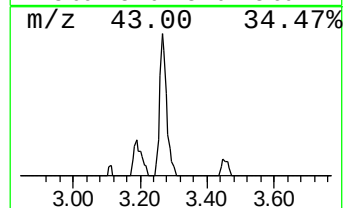
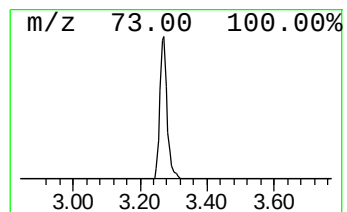
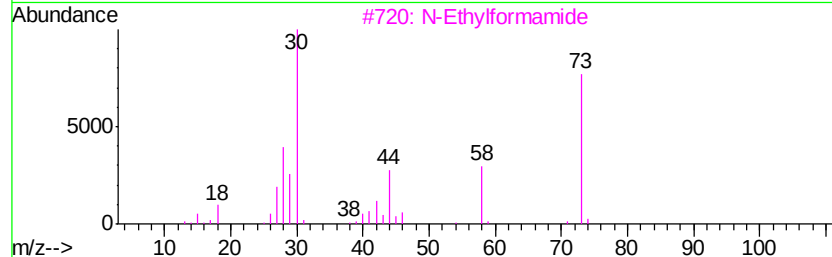
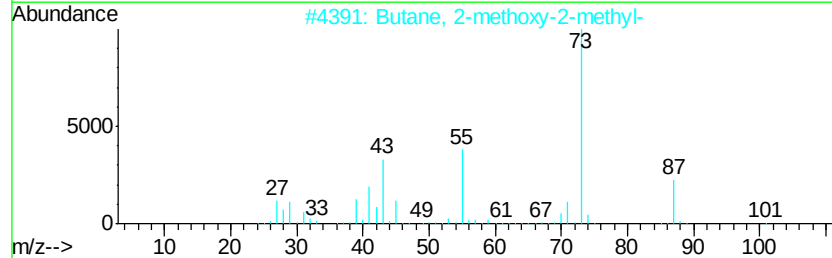
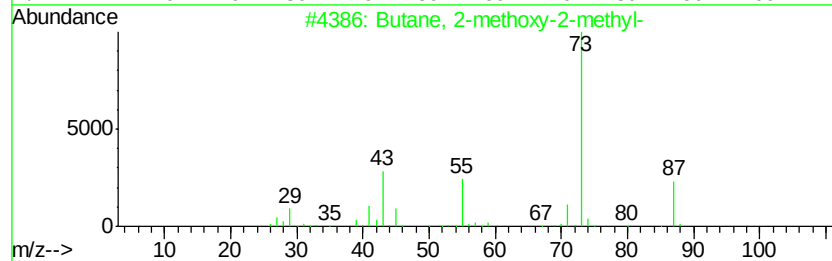
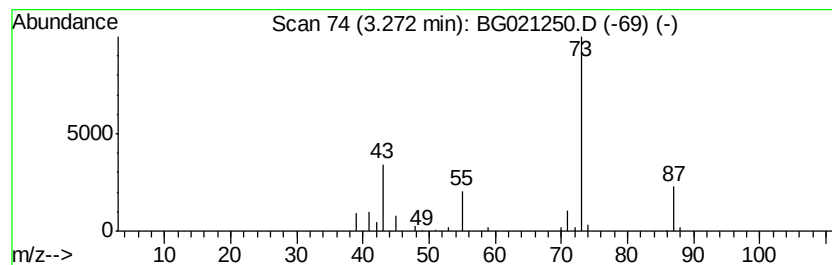
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	9.49 ng/ul	30687	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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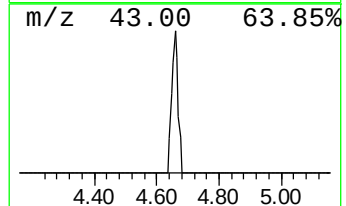
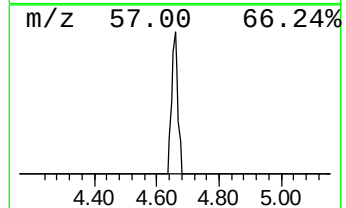
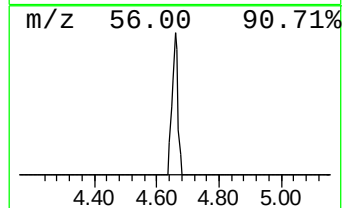
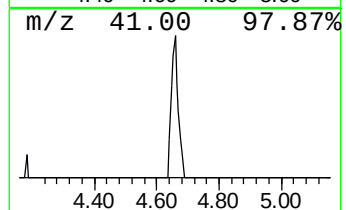
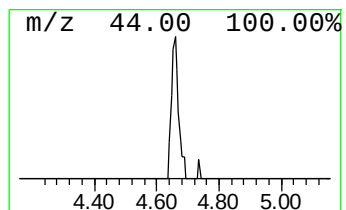
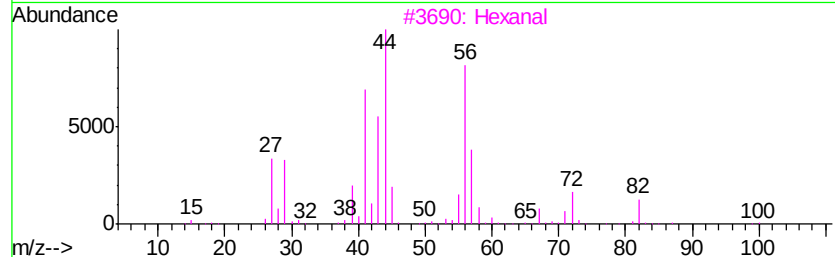
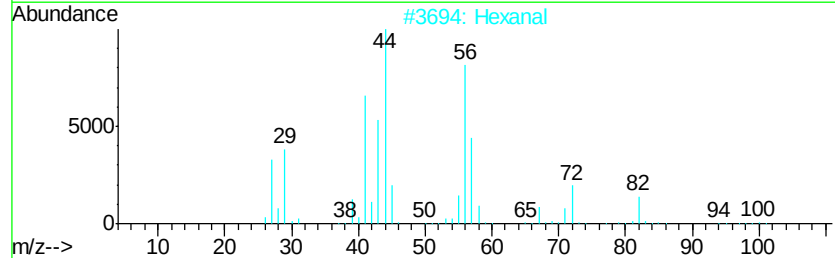
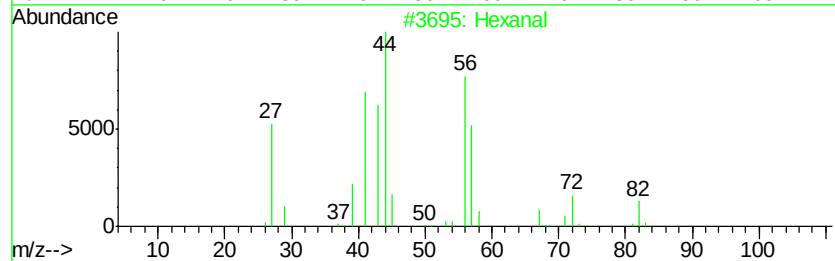
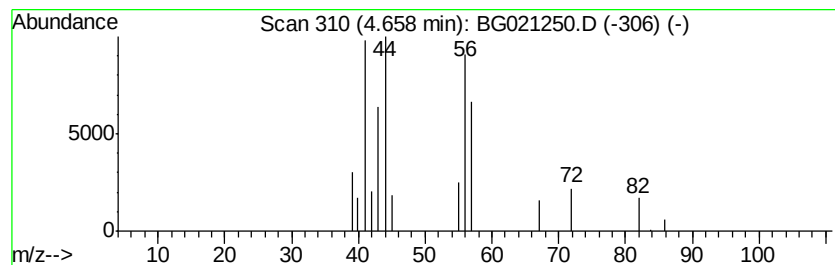
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	3.17 ng/ul	10267	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	78
2		Hexanal	100	C6H12O	000066-25-1	72
3		Hexanal	100	C6H12O	000066-25-1	56
4		Hexanal	100	C6H12O	000066-25-1	56
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	25



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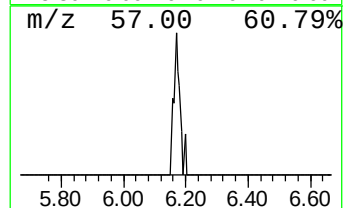
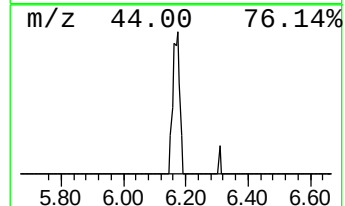
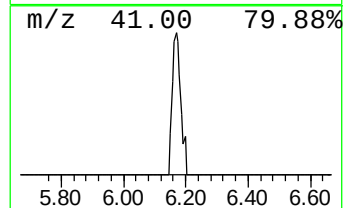
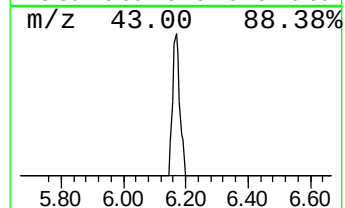
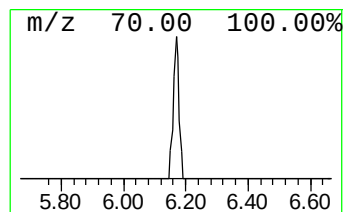
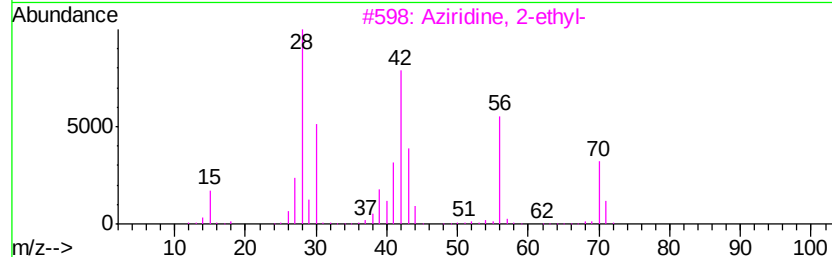
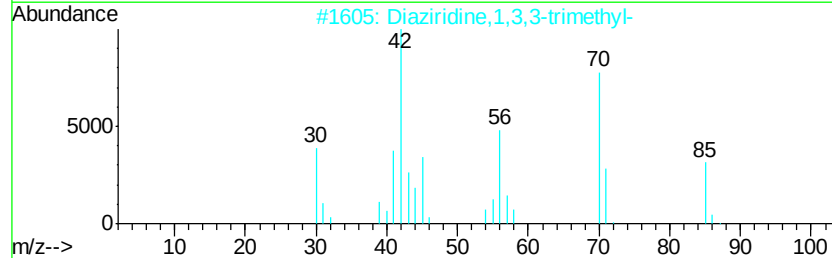
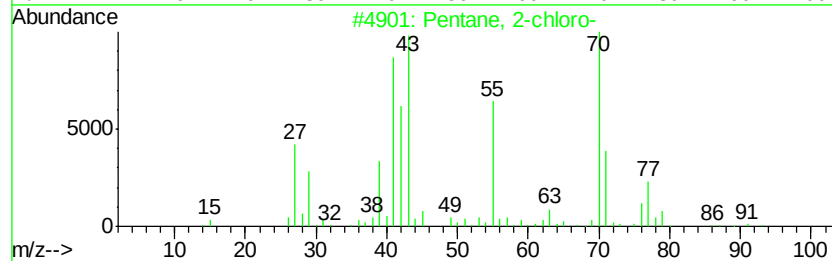
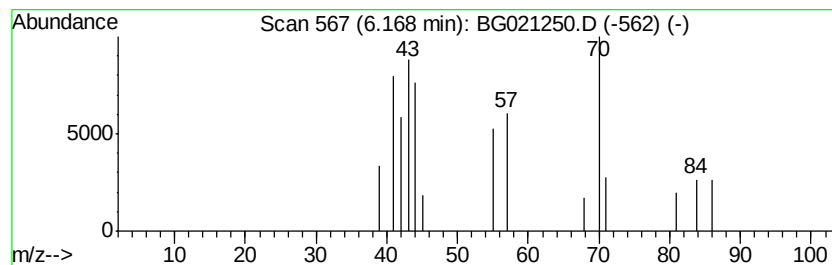
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	3.23 ng/ul	10436	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	38
2			Diaziridine,1,3,3-trimethyl-	86	C4H10N2	040711-15-7	9
3			Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	9
4			Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	9
5			Propane, 2-(ethenyl-oxo)-	86	C5H10O	000926-65-8	9



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ClientSampleId :
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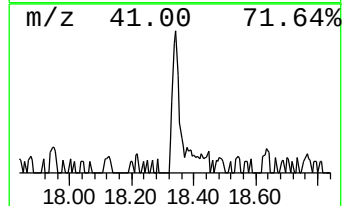
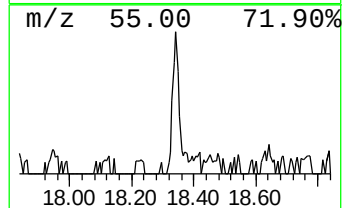
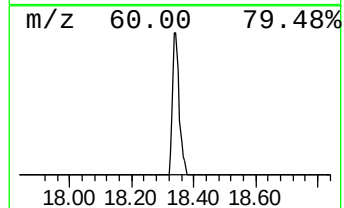
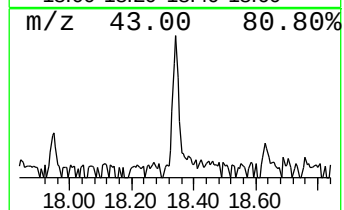
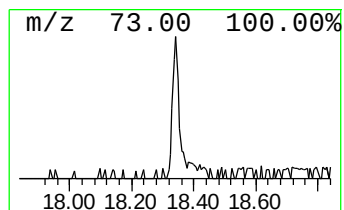
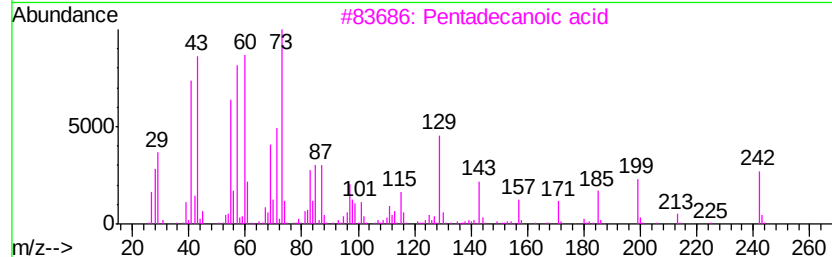
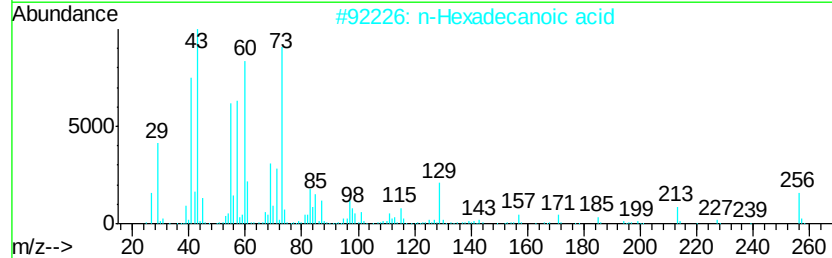
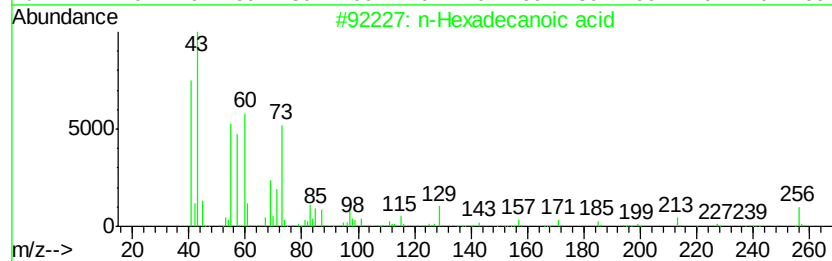
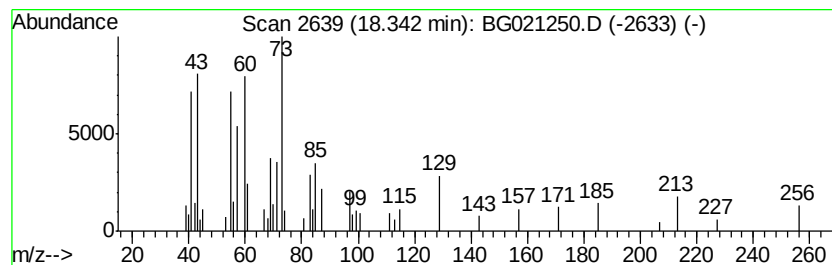
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.07 ng/ul	35227	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021250.D
Acq On : 4 Mar 2016 1:32
Operator : UM/SJ
Sample : H1626-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFJ7

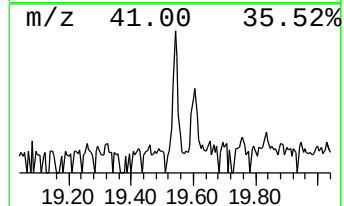
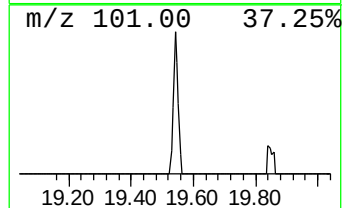
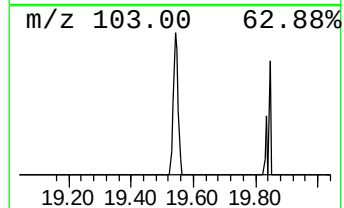
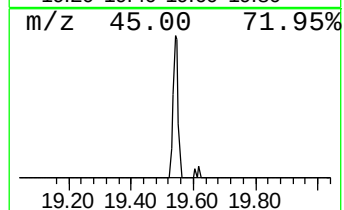
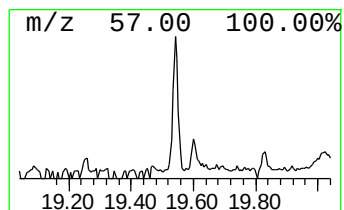
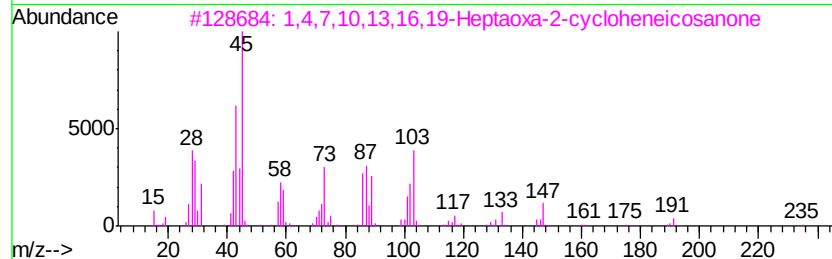
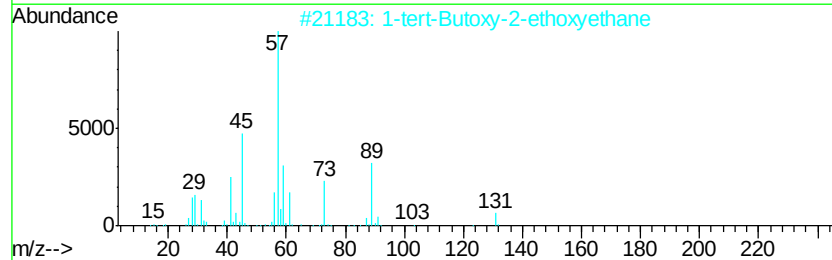
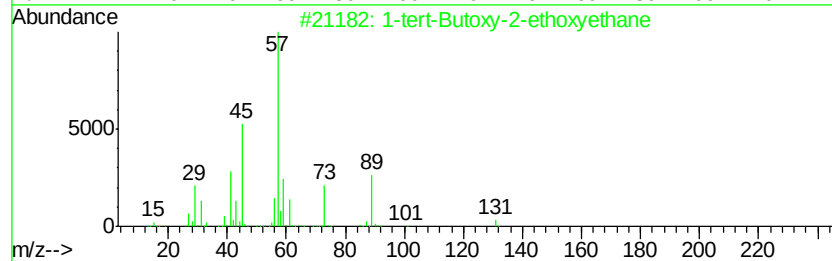
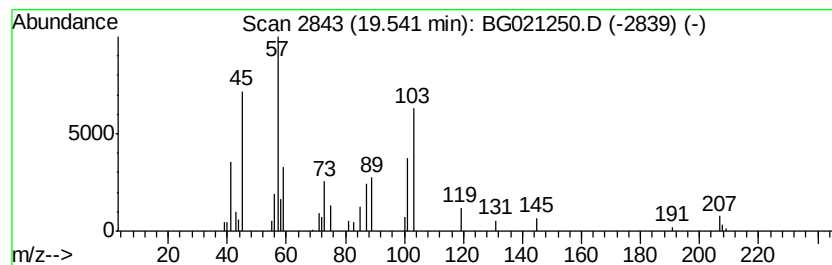
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.45 ng/ul	21187	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
2		1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
3		1,4,7,10,13,16,19-Heptaoxa-2-cvc...	322	C14H26O8	083410-52-0	25
4		Butane, 1,1-diethoxy-	146	C8H18O2	003658-95-5	25
5		Butane, 1,1'-[ethylidenebis(oxy)...]	174	C10H22O2	000871-22-7	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021250.D
Acq On : 4 Mar 2016 1:32
Operator : UM/SJ
Sample : H1626-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFJ7

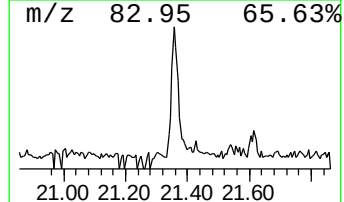
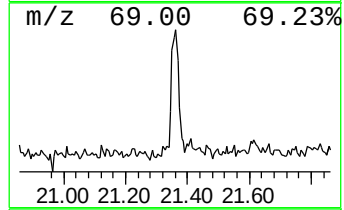
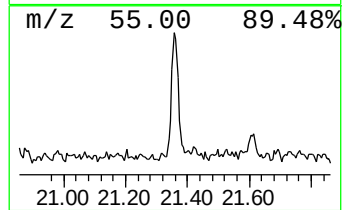
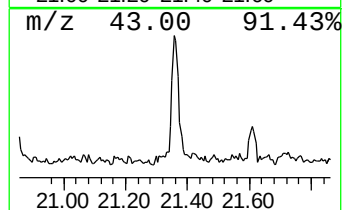
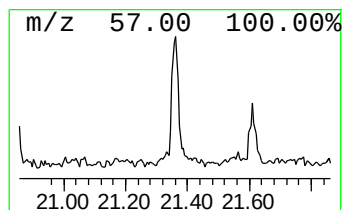
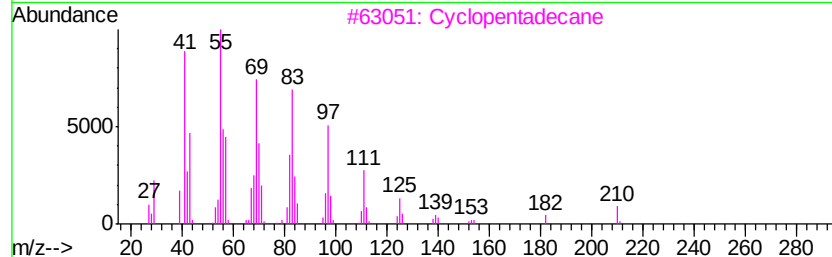
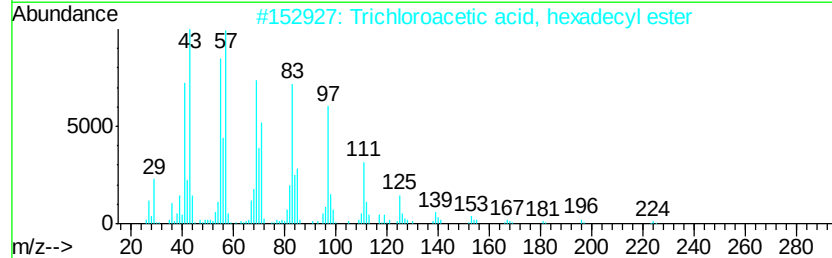
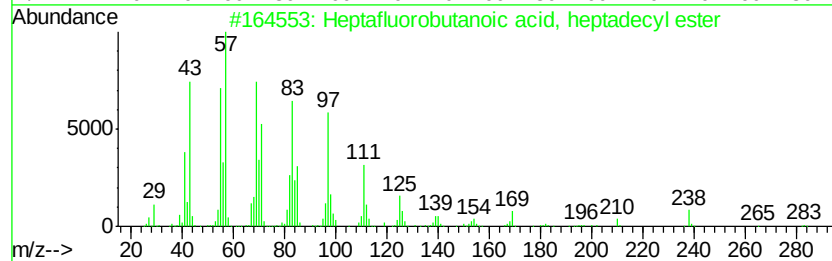
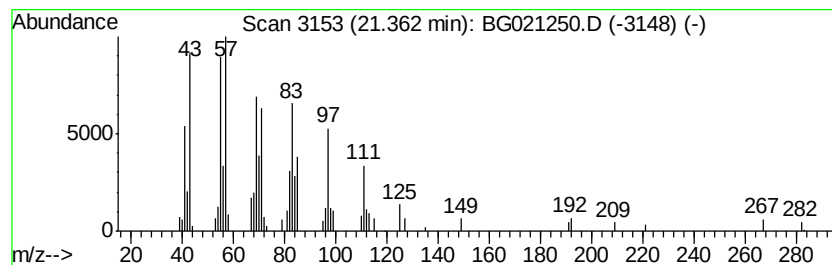
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.87 ng/ul	41822	Chrysene-d12	21.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3			Cyclopentadecane	210	C15H30	000295-48-7	93
4			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021250.D
Acq On : 4 Mar 2016 1:32
Operator : UM/SJ
Sample : H1626-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFJ7

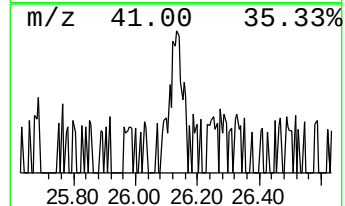
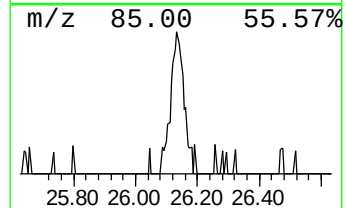
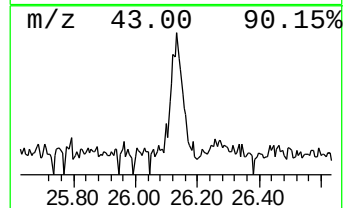
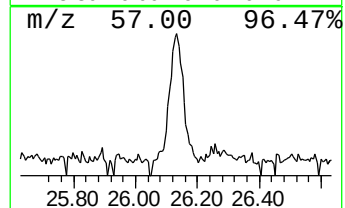
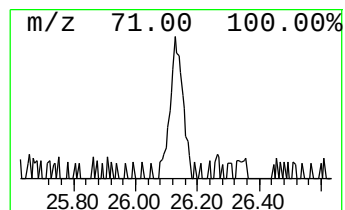
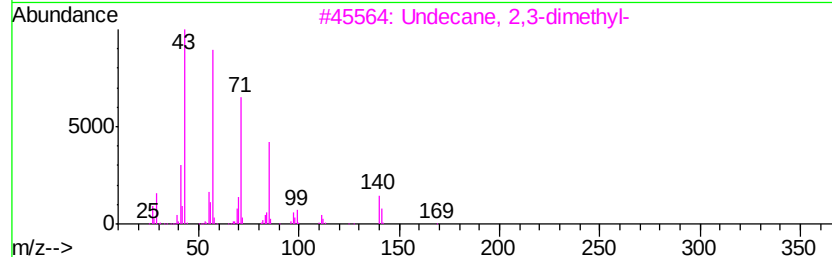
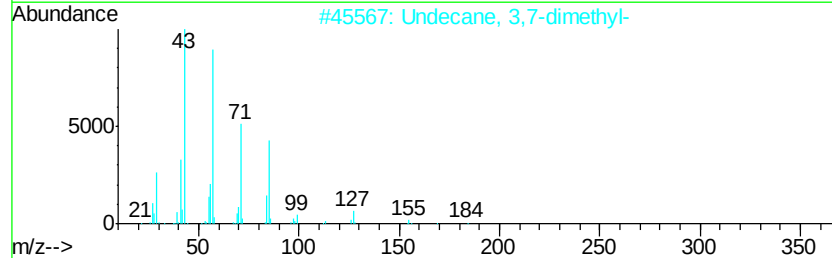
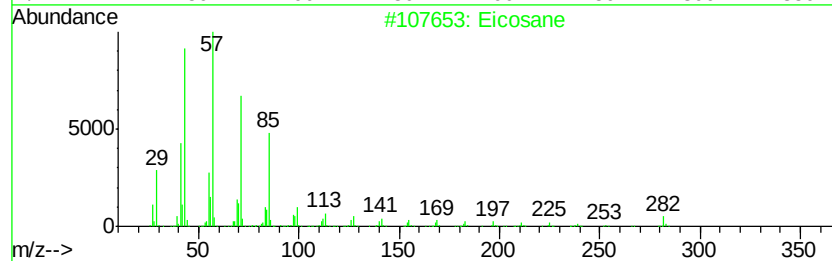
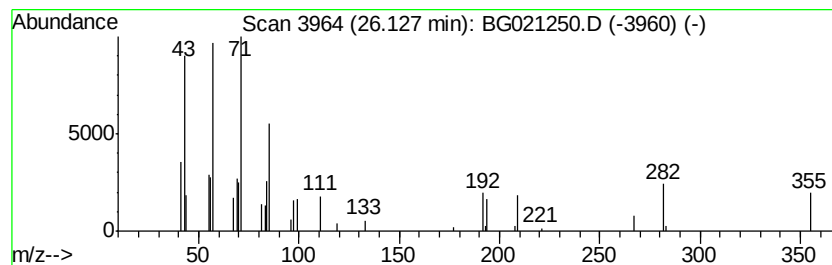
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.65 ng/ul	27949	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	38
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	35
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35
4		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	35
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030316\
Data File : BG021250.D
Acq On : 4 Mar 2016 1:32
Operator : UM/SJ
Sample : H1626-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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...	3.27	9.5	ng/ul	30687	1	8.13	64697	20.0
Hexanal	4.66	3.2	ng/ul	10267	1	8.13	64697	20.0
unknown-01	6.17	3.2	ng/ul	10436	1	8.13	64697	20.0
n-Hexadecanoic acid	18.34	4.1	ng/ul	35227	4	17.48	173170	20.0
unknown-02	19.54	2.5	ng/ul	21187	4	17.48	173170	20.0
Heptafluorobutano...	21.36	3.9	ng/ul	41822	5	21.74	216073	20.0
(DEL) Alkane: Str...	26.13	2.6	ng/ul	27949	6	24.99	211127	20.0