

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG022007.D
 Acq On : 22 May 2016 11:21
 Operator : UM/SJ
 Sample : H3124-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGH8

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-BG052116.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	3.542	116	120	123	rVB3	4612	5823	0.83%	0.059%
2	5.240	404	409	412	rBV5	3422	4903	0.70%	0.050%
3	7.309	754	761	773	rBV	74333	155340	22.23%	1.583%
4	7.479	783	790	803	rVV	64311	130291	18.65%	1.328%
5	7.690	817	826	838	rVB	87953	178092	25.49%	1.815%
6	8.160	894	906	920	rVV	108202	228573	32.72%	2.329%
7	8.254	920	922	925	rVV3	1328	1957	0.28%	0.020%
8	8.384	937	944	951	rBV7	3152	7243	1.04%	0.074%
9	8.683	992	995	997	rBV3	2618	3472	0.50%	0.035%
10	8.707	997	999	1006	rVB6	2793	5768	0.83%	0.059%
11	8.860	1016	1025	1034	rBV	100721	213493	30.56%	2.176%
12	9.024	1048	1053	1058	rVV8	2535	5647	0.81%	0.058%
13	9.265	1090	1094	1097	rVB3	2649	4154	0.59%	0.042%
14	9.330	1097	1105	1117	rBV	73121	162403	23.25%	1.655%
15	9.418	1117	1120	1125	rVB4	3970	6708	0.96%	0.068%
16	9.477	1125	1130	1132	rBV5	1647	2225	0.32%	0.023%
17	9.618	1149	1154	1160	rVB4	3043	5603	0.80%	0.057%
18	9.694	1162	1167	1168	rBV3	1474	1993	0.29%	0.020%
19	9.788	1180	1183	1188	rVV6	2541	4249	0.61%	0.043%
20	9.888	1196	1200	1204	rVV5	4097	7552	1.08%	0.077%
21	9.999	1214	1219	1220	rBV5	2723	3678	0.53%	0.037%
22	10.052	1220	1228	1238	rVV2	58939	135195	19.35%	1.378%
23	10.140	1238	1243	1252	rVV7	6906	17865	2.56%	0.182%
24	10.199	1252	1253	1259	rVB3	2542	3597	0.51%	0.037%
25	10.281	1264	1267	1269	rVV4	1712	2033	0.29%	0.021%
26	10.540	1305	1311	1312	rBV4	1936	2464	0.35%	0.025%
27	10.593	1312	1320	1333	rBV	102629	223367	31.97%	2.276%
28	10.740	1341	1345	1346	rBV4	3897	4532	0.65%	0.046%
29	10.975	1372	1385	1396	rBV	199238	428442	61.33%	4.366%
30	11.110	1401	1408	1416	rBV	98879	214764	30.74%	2.189%
31	11.380	1450	1454	1459	rBV8	3761	7888	1.13%	0.080%
32	11.457	1461	1467	1472	rVB5	9546	17321	2.48%	0.177%
33	11.639	1492	1498	1500	rBV6	5823	12272	1.76%	0.125%
34	11.715	1507	1511	1519	rBV10	3587	8613	1.23%	0.088%

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35	11.803	1519	1526	1529	rBV6	6305	15213	2.18%	0.155%
36	11.844	1529	1533	1534	rBV4	2005	2807	0.40%	0.029%
37	11.974	1548	1555	1559	rBV2	31801	59944	8.58%	0.611%
38	12.009	1559	1561	1566	rVB4	7530	12320	1.76%	0.126%
39	12.156	1582	1586	1593	rVB5	8587	15703	2.25%	0.160%
40	12.238	1593	1600	1605	rBV6	16051	33056	4.73%	0.337%
41	12.303	1608	1611	1616	rVB6	4498	7277	1.04%	0.074%
42	12.403	1627	1628	1629	rBV	2994	1947	0.28%	0.020%
43	12.491	1641	1643	1646	rBV3	4077	5616	0.80%	0.057%
44	12.573	1655	1657	1665	rVB4	10599	17873	2.56%	0.182%
45	12.685	1674	1676	1684	rVB8	7087	11418	1.63%	0.116%
46	12.767	1687	1690	1692	rBV3	5804	7073	1.01%	0.072%
47	12.996	1723	1729	1734	rBV6	10625	24279	3.48%	0.247%
48	13.055	1734	1739	1745	rVV6	5968	13647	1.95%	0.139%
49	13.155	1750	1756	1757	rBV4	5935	11576	1.66%	0.118%
50	13.231	1765	1769	1775	rVB6	12511	18730	2.68%	0.191%
51	13.301	1775	1781	1788	rVB	62591	102722	14.70%	1.047%
52	13.384	1792	1795	1796	rBV3	4067	4495	0.64%	0.046%
53	13.495	1810	1814	1819	rVB6	5435	8446	1.21%	0.086%
54	13.589	1824	1830	1840	rVB9	16075	48905	7.00%	0.498%
55	14.036	1902	1906	1908	rBV4	5471	8971	1.28%	0.091%
56	14.177	1924	1930	1935	rBV	221867	384238	55.00%	3.916%
57	14.230	1935	1939	1947	rVB2	165571	322215	46.12%	3.284%
58	14.482	1974	1982	1988	rBV	285927	518926	74.28%	5.289%
59	14.606	2000	2003	2008	rVB6	18673	27904	3.99%	0.284%
60	14.782	2027	2033	2043	rVB2	313293	563609	80.67%	5.744%
61	14.988	2063	2068	2074	rBV	24965	58397	8.36%	0.595%
62	15.158	2094	2097	2103	rVB6	14146	20908	2.99%	0.213%
63	15.493	2150	2154	2160	rVB7	12192	20838	2.98%	0.212%
64	15.558	2161	2165	2169	rBV3	12093	23822	3.41%	0.243%
65	15.769	2195	2201	2215	rBV	350080	629229	90.07%	6.413%
66	15.887	2216	2221	2231	rVB	68657	123258	17.64%	1.256%
67	16.004	2236	2241	2253	rVB	85146	151532	21.69%	1.544%
68	16.486	2316	2323	2328	rBV	150334	247740	35.46%	2.525%
69	17.303	2458	2462	2475	rVB	92489	171656	24.57%	1.749%
70	17.526	2494	2500	2508	rBV2	341416	571243	81.77%	5.822%
71	17.626	2511	2517	2525	rVB2	327378	573615	82.11%	5.846%

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72	17.878	2557	2560	2563	rBV5	17300	28306	4.05%	0.288%
73	19.906	2898	2905	2913	rBV	421166	698631	100.00%	7.120%
74	20.082	2933	2935	2939	rVB5	4341	3555	0.51%	0.036%
75	20.411	2987	2991	2995	rBV7	4554	7729	1.11%	0.079%
76	21.092	3105	3107	3108	rBV2	3209	2189	0.31%	0.022%
77	21.421	3160	3163	3169	rVV8	9790	17815	2.55%	0.182%
78	21.621	3194	3197	3198	rBV3	5150	5302	0.76%	0.054%
79	21.809	3222	3229	3247	rVB	314887	648213	92.78%	6.606%
80	22.397	3327	3329	3332	rBV4	3455	4992	0.71%	0.051%
81	23.319	3481	3486	3494	rBV10	6803	14460	2.07%	0.147%
82	23.513	3516	3519	3526	rVB5	15173	29033	4.16%	0.296%
83	24.148	3623	3627	3633	rBV7	6568	14074	2.01%	0.143%
84	24.212	3636	3638	3642	rVB5	3747	2857	0.41%	0.029%
85	24.911	3745	3757	3773	rBV2	184452	604778	86.57%	6.163%
86	25.141	3785	3796	3813	rVB3	196951	630371	90.23%	6.424%
87	25.446	3846	3848	3850	rBV3	3507	3719	0.53%	0.038%
88	25.799	3907	3908	3911	rBV3	2648	2014	0.29%	0.021%
89	26.292	3989	3992	3995	rBV5	5207	7833	1.12%	0.080%
90	26.803	4077	4079	4081	rBV3	2484	2225	0.32%	0.023%
91	27.790	4245	4247	4250	rVB4	3244	2408	0.34%	0.025%
92	27.861	4257	4259	4260	rVB2	3841	2302	0.33%	0.023%
93	28.049	4289	4291	4293	rBV3	3220	2244	0.32%	0.023%
94	28.472	4361	4363	4366	rBV4	2203	2381	0.34%	0.024%
95	28.725	4404	4406	4407	rBV	2734	2155	0.31%	0.022%
96	28.907	4435	4437	4440	rBV4	2146	2742	0.39%	0.028%
97	29.377	4514	4517	4518	rBV3	3152	3243	0.46%	0.033%
98	29.565	4547	4549	4551	rBV3	2377	2225	0.32%	0.023%
99	30.111	4640	4642	4645	rBV4	2423	2503	0.36%	0.026%
100	30.499	4706	4708	4711	rBV4	2933	3380	0.48%	0.034%

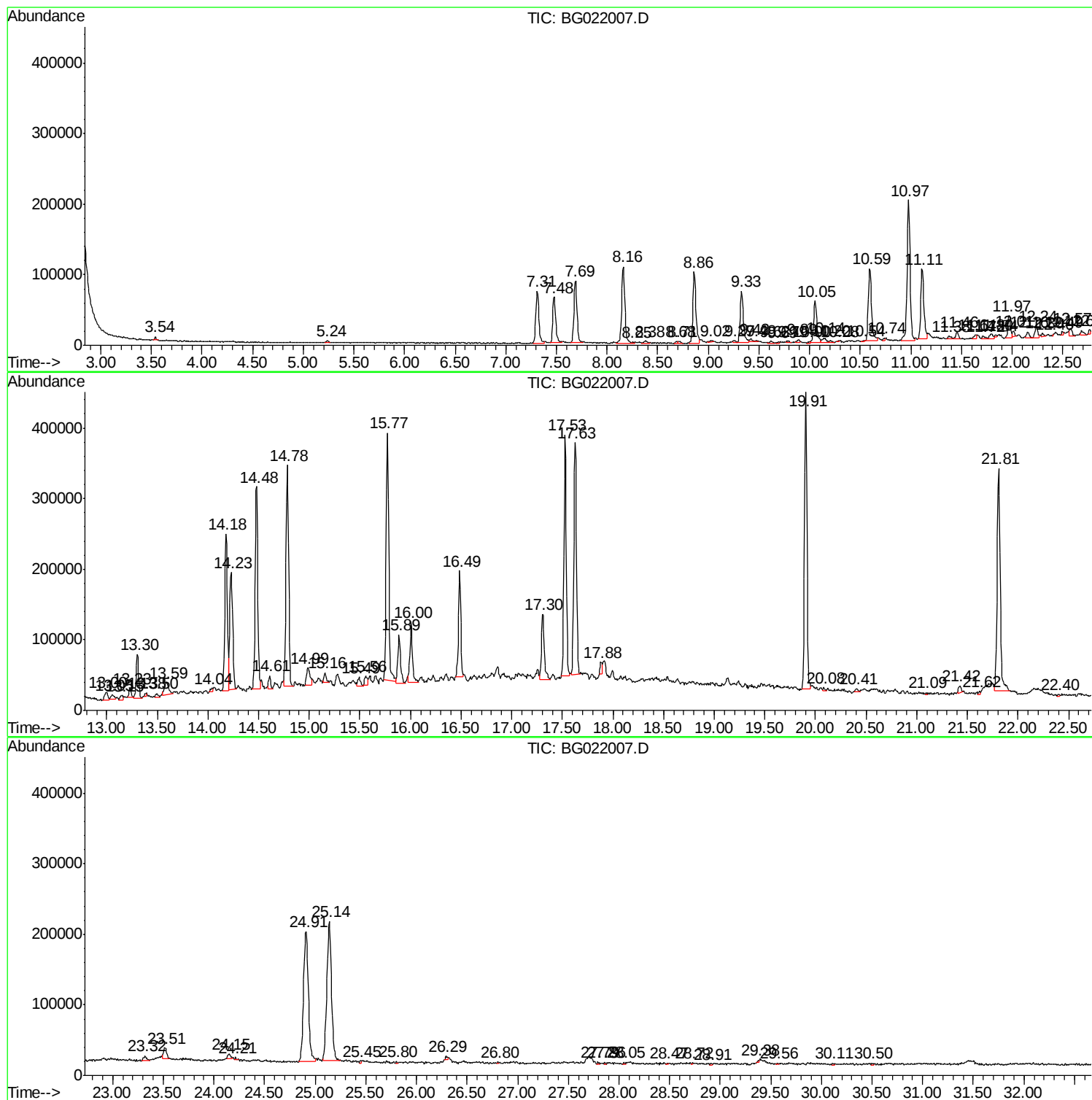
Sum of corrected areas: 9812347

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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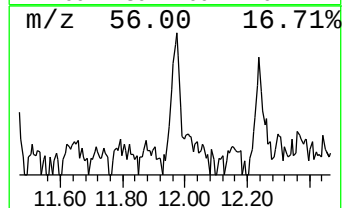
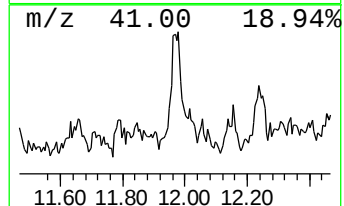
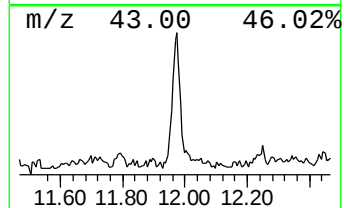
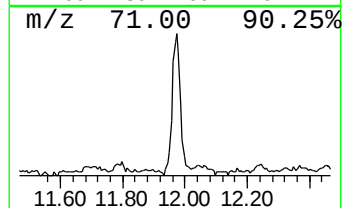
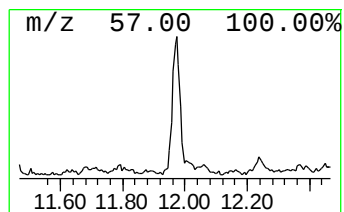
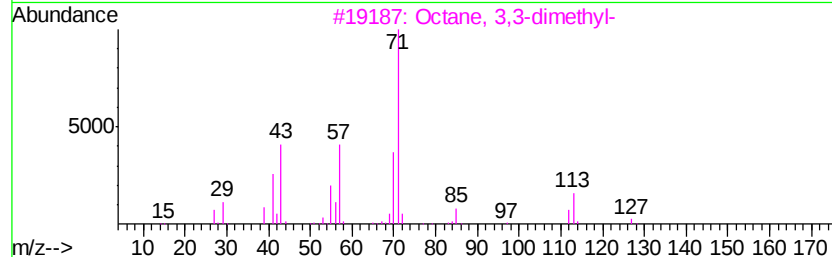
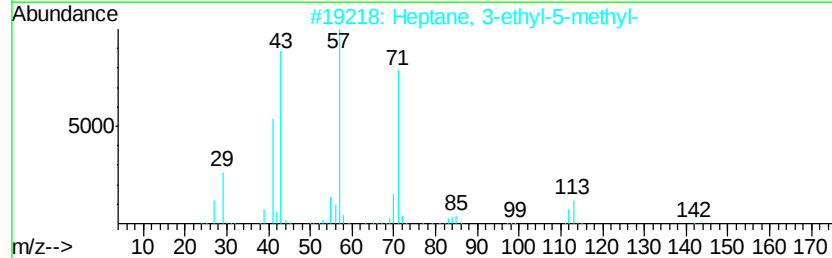
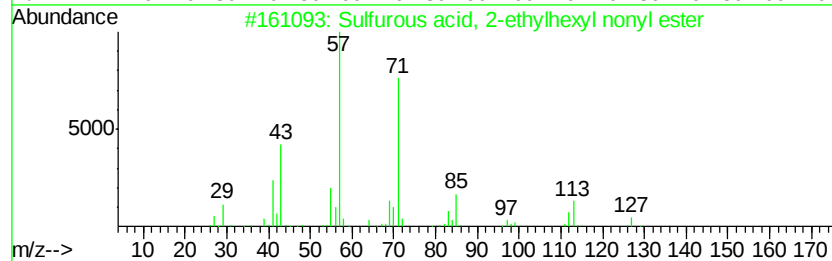
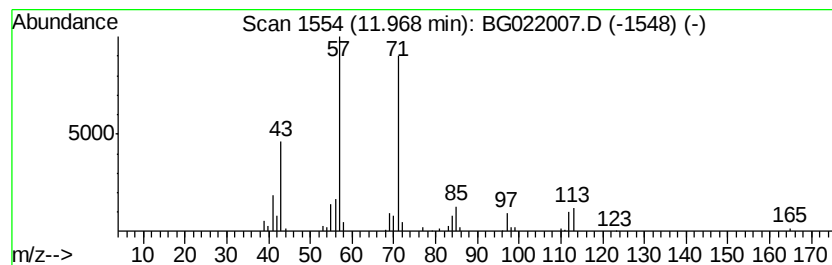
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.80 ng/ul	59944	Naphthalene-d8	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	78
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	78
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72



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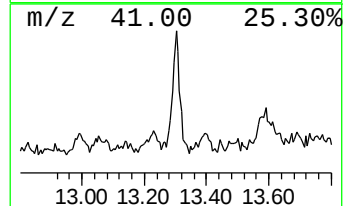
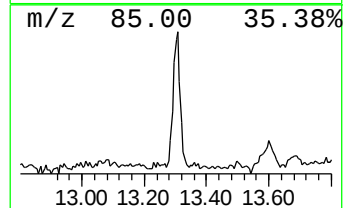
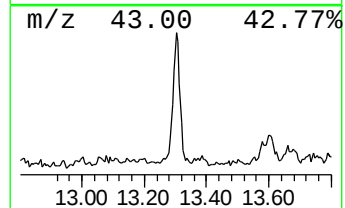
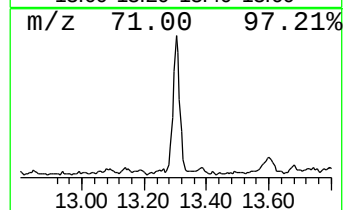
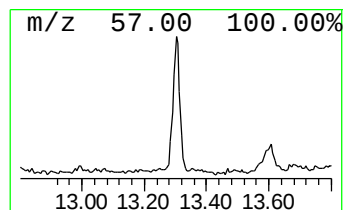
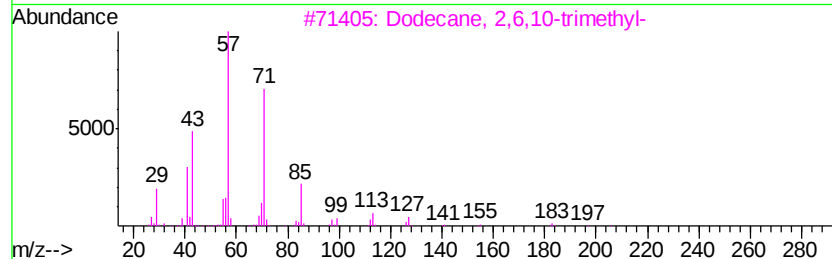
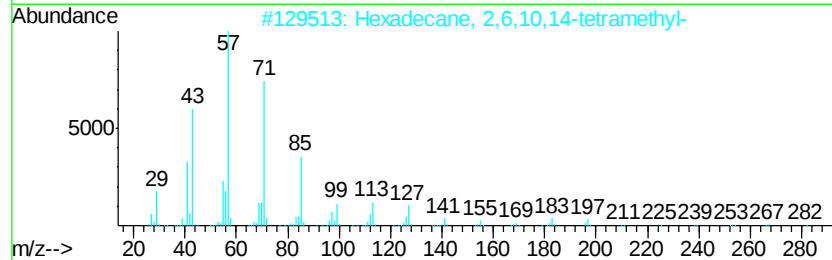
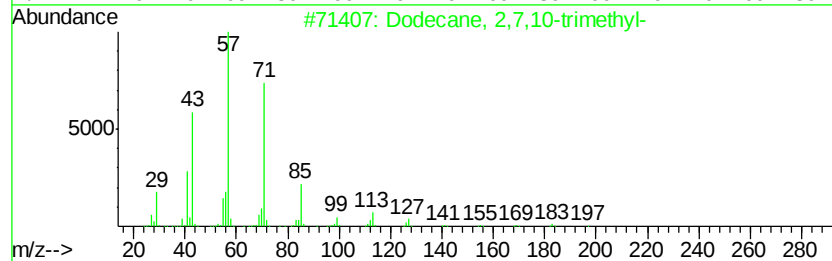
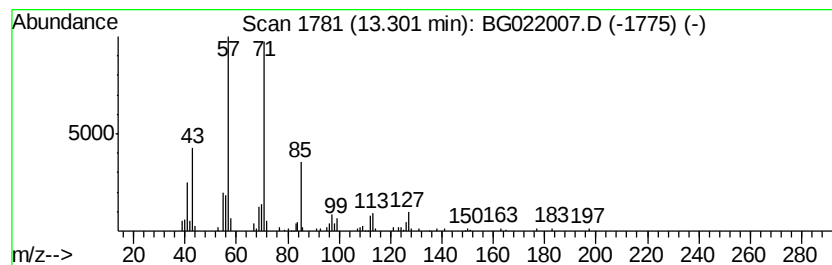
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.65 ng/ul	102722	Acenaphthene-d10	14.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 80
2		Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8 80
3		Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3 72
4		Oxalic acid, decyl 2-ethylhexyl ...	342 C20H38O4	1000309-39-3 72
5		Sulfurous acid, 2-ethylhexyl hex...	418 C24H50O3S	1000309-19-9 59



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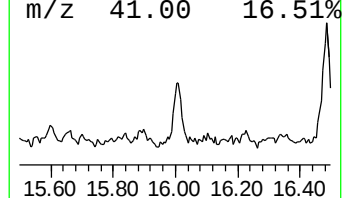
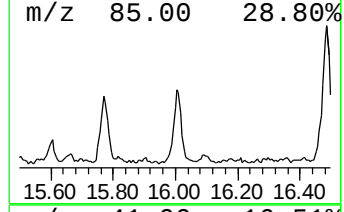
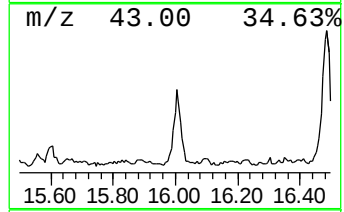
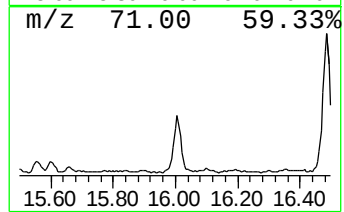
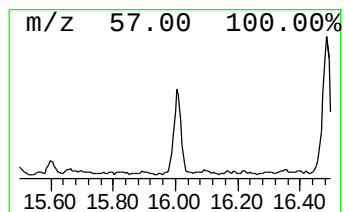
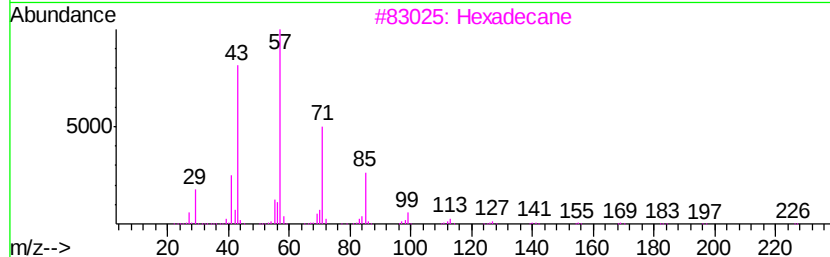
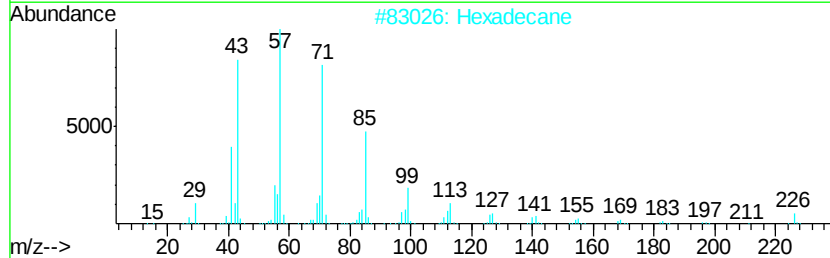
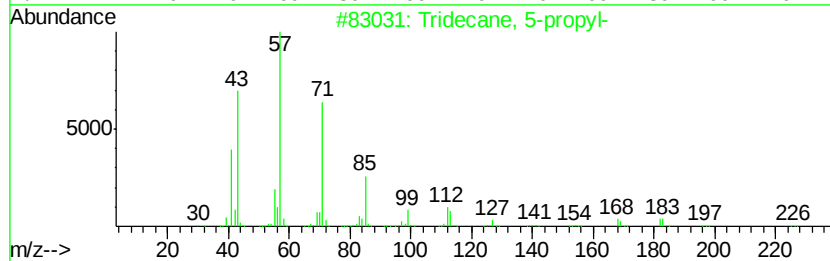
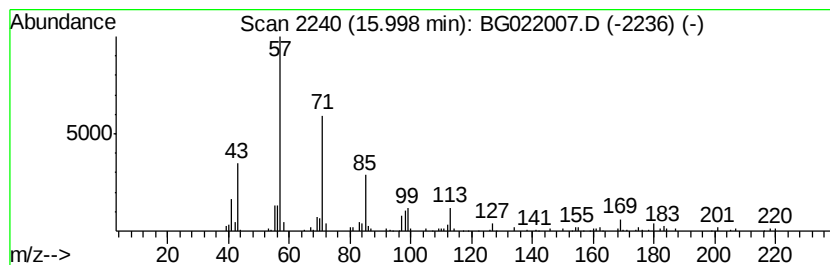
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.00	5.38 ng/ul	151532	Acenaphthene-d10		14.78		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2			Hexadecane	226	C16H34	000544-76-3	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022007.D
Acq On : 22 May 2016 11:21
Operator : UM/SJ
Sample : H3124-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGH8

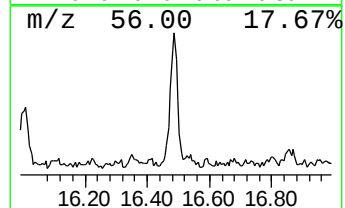
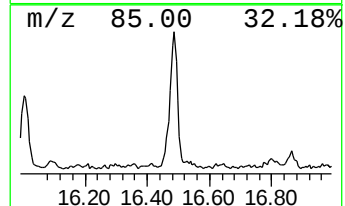
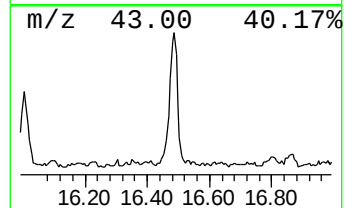
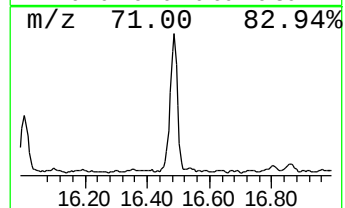
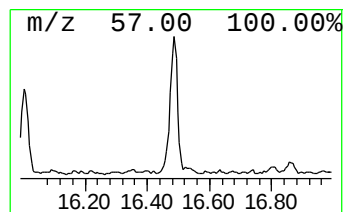
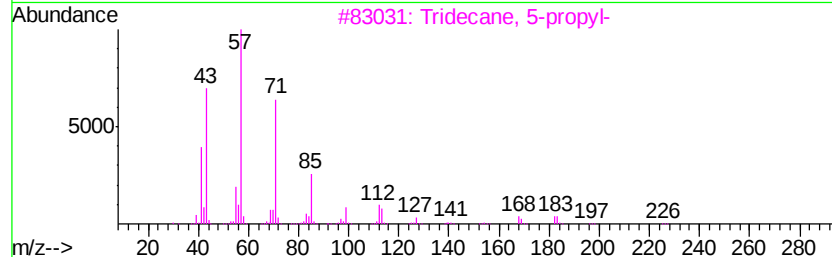
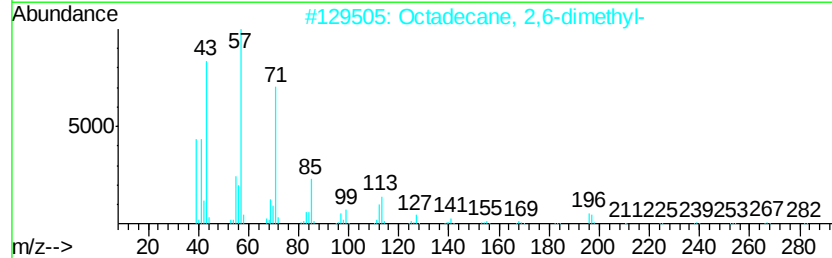
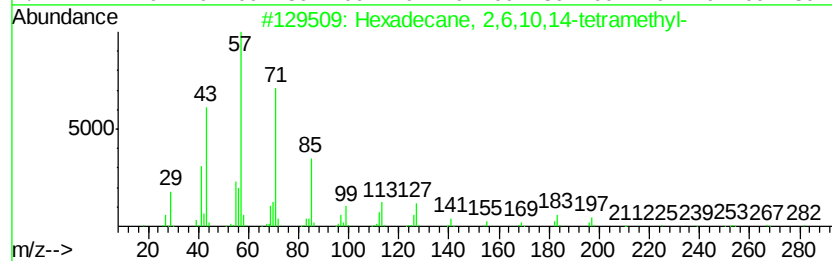
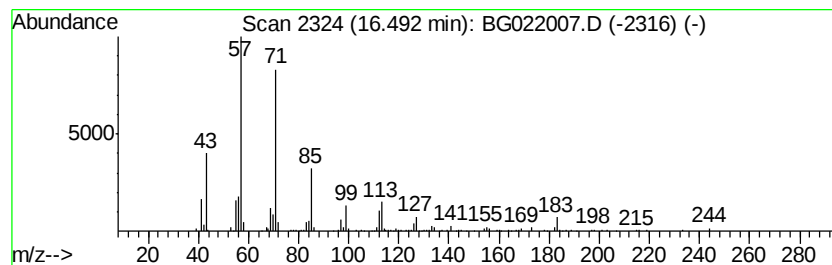
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	8.67 ng/ul	247740	Phenanthrene-d10	17.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022007.D
Acq On : 22 May 2016 11:21
Operator : UM/SJ
Sample : H3124-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGH8

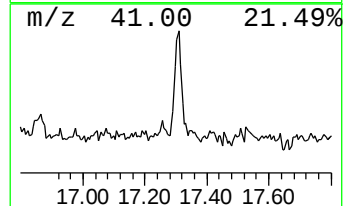
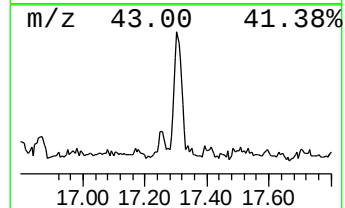
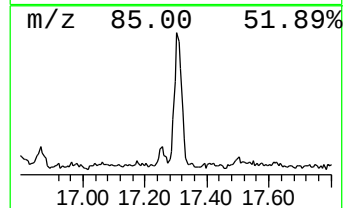
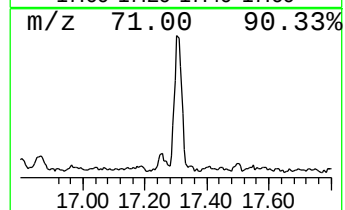
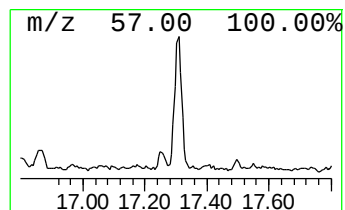
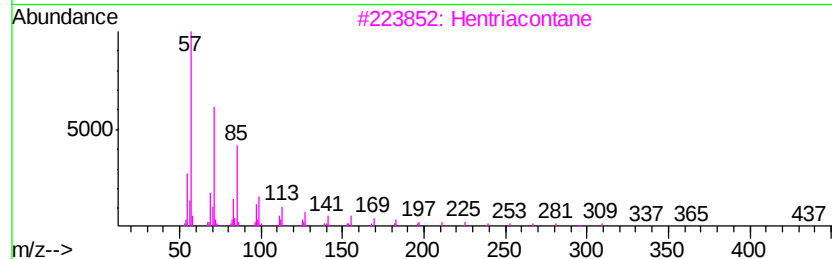
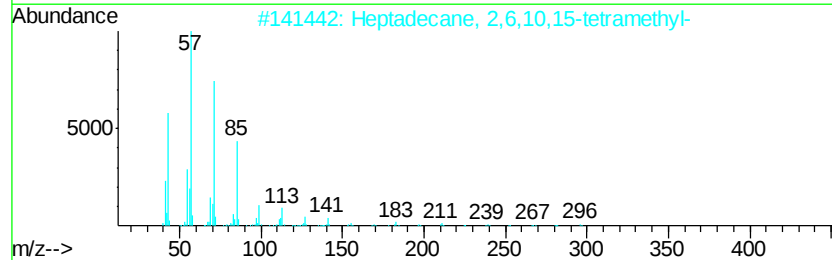
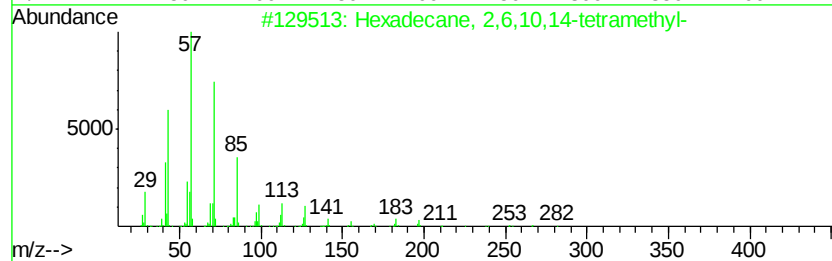
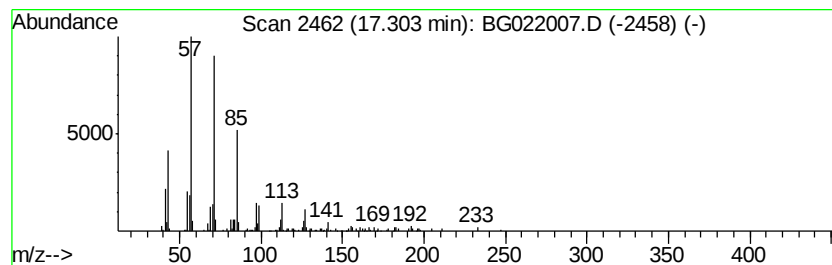
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	6.01 ng/ul	171656	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG022007.D
Acq On : 22 May 2016 11:21
Operator : UM/SJ
Sample : H3124-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHGH8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, 2...	11.97	2.8	ng/ul	59944	2	10.97	428442	20.0
(DEL) Alkane: Str...	13.30	3.6	ng/ul	102722	3	14.78	563609	20.0
(DEL) Alkane: Str...	16.00	5.4	ng/ul	151532	3	14.78	563609	20.0
(DEL) Alkane: Str...	16.49	8.7	ng/ul	247740	4	17.53	571243	20.0
(DEL) Alkane: Str...	17.30	6.0	ng/ul	171656	4	17.53	571243	20.0