

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
 Data File : BG019461.D
 Acq On : 3 Nov 2015 20:45
 Operator : UM/NP
 Sample : G4211-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC774

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-BG102815.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	3.122	44	48	57	rBV	33717	66309	3.98%	0.422%
2	3.210	58	63	73	rVB	98418	149341	8.95%	0.951%
3	3.486	106	110	116	rBV	8124	12389	0.74%	0.079%
4	3.762	153	157	158	rBV2	1791	2316	0.14%	0.015%
5	4.080	207	211	214	rVV2	1771	2105	0.13%	0.013%
6	4.115	216	217	222	rVB2	1873	2228	0.13%	0.014%
7	4.273	237	244	257	rBV	1072124	1667692	100.00%	10.621%
8	5.360	428	429	432	rBV2	2076	2409	0.14%	0.015%
9	6.782	667	671	675	rBV2	1648	2292	0.14%	0.015%
10	6.941	694	698	702	rVB2	1687	2643	0.16%	0.017%
11	7.135	724	731	733	rBV2	2186	4532	0.27%	0.029%
12	7.329	757	764	772	rBV	138323	239818	14.38%	1.527%
13	7.493	785	792	799	rBV	108832	179910	10.79%	1.146%
14	7.705	821	828	835	rBV2	130103	221205	13.26%	1.409%
15	8.139	899	902	903	rBV2	2046	2183	0.13%	0.014%
16	8.181	903	909	915	rVB	111783	190539	11.43%	1.213%
17	8.568	971	975	979	rVB	1799	2491	0.15%	0.016%
18	8.886	1023	1029	1037	rBV2	153864	263378	15.79%	1.677%
19	9.080	1058	1062	1064	rBV3	1765	2185	0.13%	0.014%
20	9.350	1100	1108	1114	rBV	146942	261723	15.69%	1.667%
21	9.403	1114	1117	1121	rVV2	6670	10696	0.64%	0.068%
22	9.438	1121	1123	1129	rVB2	5910	8846	0.53%	0.056%
23	10.078	1224	1232	1243	rBV2	139522	253397	15.19%	1.614%
24	10.284	1263	1267	1272	rVB4	2549	4049	0.24%	0.026%
25	10.501	1301	1304	1307	rVB2	1710	2044	0.12%	0.013%
26	10.619	1318	1324	1334	rVB	195310	348867	20.92%	2.222%
27	10.695	1334	1337	1342	rVB2	1971	2939	0.18%	0.019%
28	11.007	1384	1390	1396	rBV	165013	287583	17.24%	1.831%
29	11.060	1396	1399	1406	rVV2	19578	30047	1.80%	0.191%
30	11.136	1406	1412	1421	rVV	157985	286445	17.18%	1.824%
31	11.347	1444	1448	1452	rBV2	1476	2427	0.15%	0.015%
32	11.418	1456	1460	1462	rBV2	1736	2256	0.14%	0.014%
33	11.994	1555	1558	1559	rBV	3079	2619	0.16%	0.017%
34	12.006	1559	1560	1564	rVB2	5325	4923	0.30%	0.031%

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35	12.393	1623	1626	1629	rVB3	3672	3397	0.20%	0.022%
36	12.575	1654	1657	1662	rBV5	4931	7761	0.47%	0.049%
37	12.652	1665	1670	1674	rBV	4846	6821	0.41%	0.043%
38	12.869	1702	1707	1711	rVB2	4692	6176	0.37%	0.039%
39	13.163	1754	1757	1766	rVB3	9179	16838	1.01%	0.107%
40	13.328	1783	1785	1788	rBV3	4130	4091	0.25%	0.026%
41	13.410	1795	1799	1804	rBV2	14410	19345	1.16%	0.123%
42	13.610	1829	1833	1839	rBV3	4041	7276	0.44%	0.046%
43	13.692	1843	1847	1849	rBV3	3740	3227	0.19%	0.021%
44	13.986	1896	1897	1902	rVB2	2519	2597	0.16%	0.017%
45	14.044	1904	1907	1910	rBV2	1820	2415	0.14%	0.015%
46	14.080	1910	1913	1917	rVB	2379	2878	0.17%	0.018%
47	14.132	1917	1922	1927	rBV4	7402	11784	0.71%	0.075%
48	14.203	1927	1934	1938	rVV	437702	628379	37.68%	4.002%
49	14.250	1938	1942	1949	rVV	222513	304224	18.24%	1.937%
50	14.320	1952	1954	1959	rVV3	2395	3005	0.18%	0.019%
51	14.367	1959	1962	1965	rVB2	3695	4525	0.27%	0.029%
52	14.397	1965	1967	1970	rBV2	2418	2845	0.17%	0.018%
53	14.444	1970	1975	1977	rVV4	2765	5460	0.33%	0.035%
54	14.508	1979	1986	1994	rVB	412661	661936	39.69%	4.216%
55	14.649	2005	2010	2013	rBV2	10565	17898	1.07%	0.114%
56	14.679	2013	2015	2019	rVB2	6444	7283	0.44%	0.046%
57	14.773	2025	2031	2032	rBV2	7377	10337	0.62%	0.066%
58	14.808	2032	2037	2044	rVV2	294119	480983	28.84%	3.063%
59	14.884	2046	2050	2055	rBV5	4869	8744	0.52%	0.056%
60	14.996	2062	2069	2080	rBV	202953	317109	19.01%	2.020%
61	15.190	2097	2102	2108	rBV6	15353	27324	1.64%	0.174%
62	15.413	2127	2140	2145	rBV5	16542	67731	4.06%	0.431%
63	15.584	2166	2169	2172	rBV5	6889	9510	0.57%	0.061%
64	15.625	2172	2176	2181	rVB2	23253	30776	1.85%	0.196%
65	15.689	2184	2187	2190	rBV3	4116	3490	0.21%	0.022%
66	15.725	2191	2193	2194	rBV2	4440	2797	0.17%	0.018%
67	15.795	2196	2205	2212	rVB	597251	886768	53.17%	5.647%
68	15.901	2216	2223	2232	rVB	224518	334806	20.08%	2.132%
69	15.966	2232	2234	2236	rBV3	2751	2356	0.14%	0.015%
70	16.036	2239	2246	2249	rBV5	15975	26320	1.58%	0.168%
71	16.112	2256	2259	2260	rBV3	3352	4198	0.25%	0.027%

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72	16.295	2287	2290	2291	rBV2	3005	3183	0.19%	0.020%
73	16.483	2319	2322	2325	rBV2	29985	41179	2.47%	0.262%
74	16.671	2352	2354	2357	rVB3	6982	8397	0.50%	0.053%
75	16.829	2377	2381	2383	rBV4	5881	8973	0.54%	0.057%
76	16.994	2406	2409	2415	rBV5	8886	9423	0.57%	0.060%
77	17.076	2420	2423	2426	rVB5	9634	12376	0.74%	0.079%
78	17.276	2453	2457	2463	rBV3	26442	37035	2.22%	0.236%
79	17.335	2463	2467	2469	rVB4	8905	10726	0.64%	0.068%
80	17.546	2496	2503	2508	rBV	448933	715450	42.90%	4.556%
81	17.646	2514	2520	2527	rVB	708178	1068511	64.07%	6.805%
82	17.734	2533	2535	2540	rVB5	6057	6032	0.36%	0.038%
83	17.781	2541	2543	2546	rBV4	5098	3442	0.21%	0.022%
84	18.016	2580	2583	2589	rVB6	15191	24412	1.46%	0.155%
85	18.281	2626	2628	2629	rBV2	5107	2781	0.17%	0.018%
86	18.416	2647	2651	2655	rBV2	73448	95498	5.73%	0.608%
87	18.604	2679	2683	2688	rBV2	20376	34224	2.05%	0.218%
88	18.909	2733	2735	2740	rBV6	14315	18058	1.08%	0.115%
89	19.326	2802	2806	2812	rBV3	36370	55276	3.31%	0.352%
90	19.591	2843	2851	2857	rBV3	43003	108778	6.52%	0.693%
91	19.926	2902	2908	2919	rVB	967428	1465230	87.86%	9.331%
92	20.255	2961	2964	2968	rBV5	41111	42554	2.55%	0.271%
93	21.829	3226	3232	3238	rBV	609089	988346	59.26%	6.294%
94	24.949	3753	3763	3784	rVB	518379	1547198	92.77%	9.853%
95	25.178	3793	3802	3815	rVB	322775	926873	55.58%	5.903%

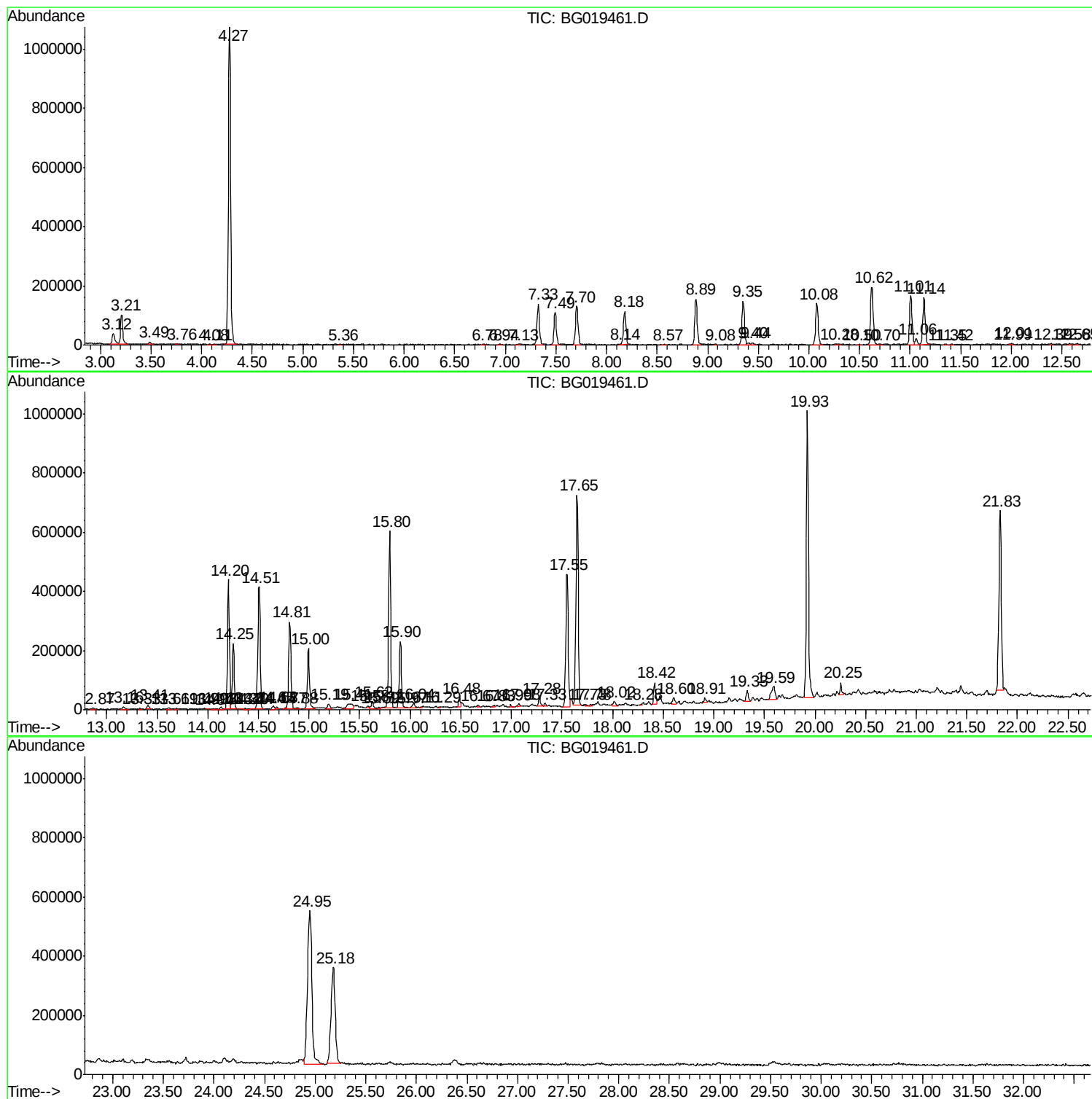
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



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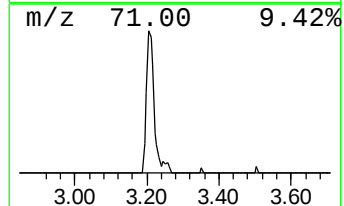
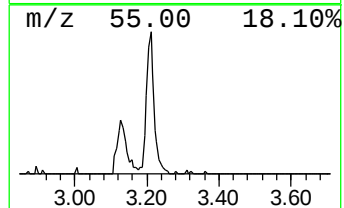
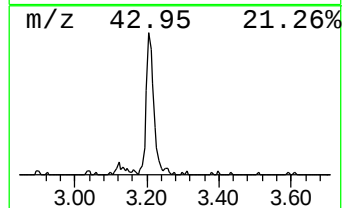
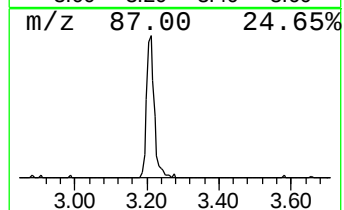
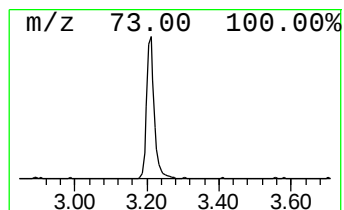
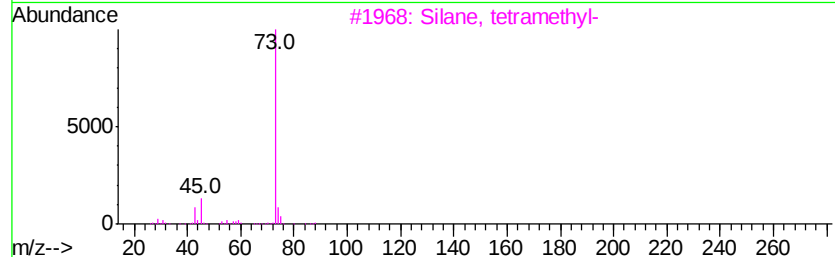
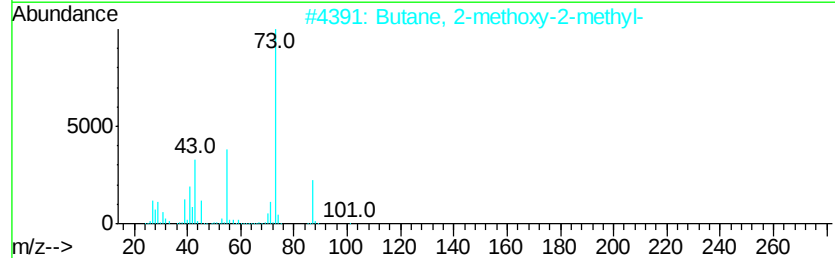
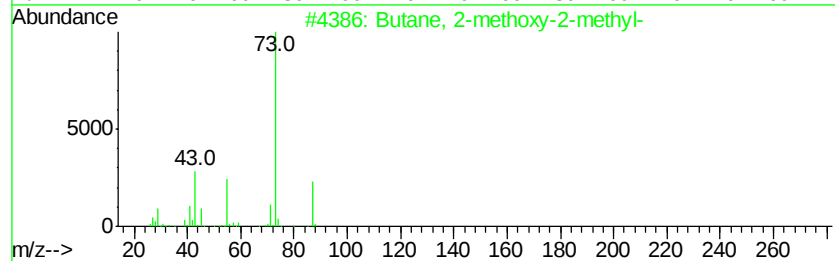
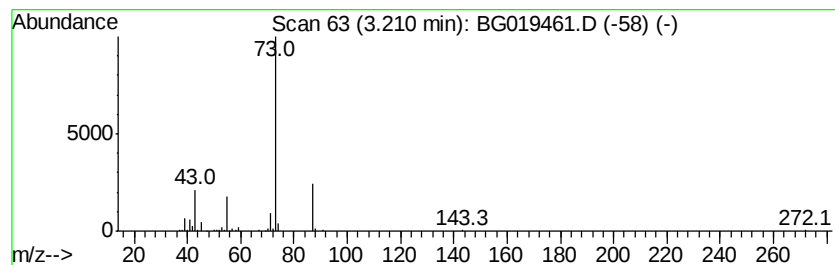
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	15.68 ng/ul	149341	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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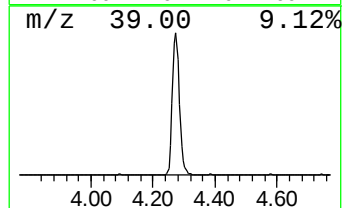
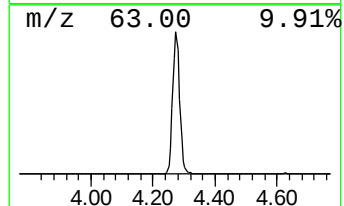
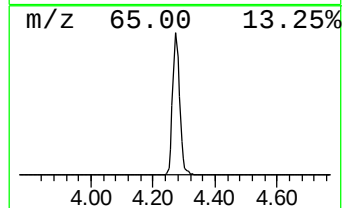
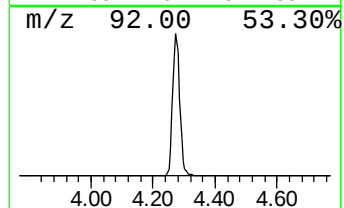
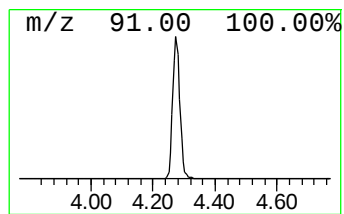
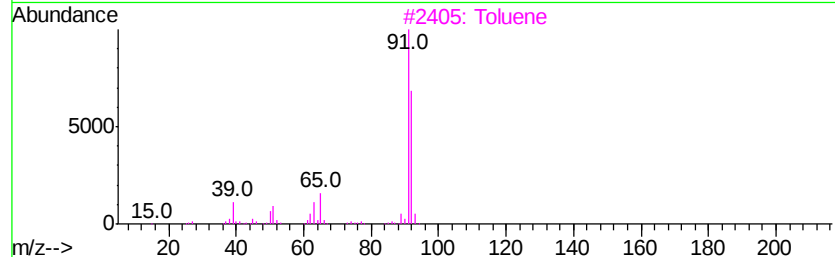
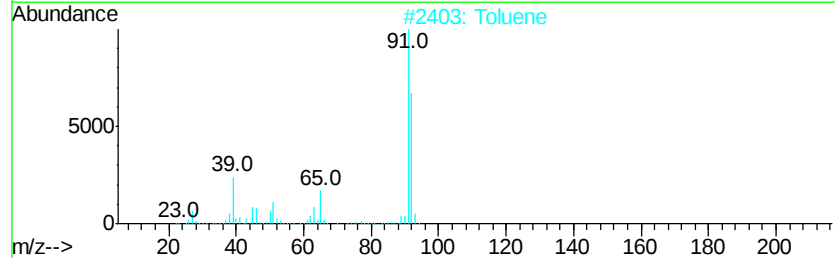
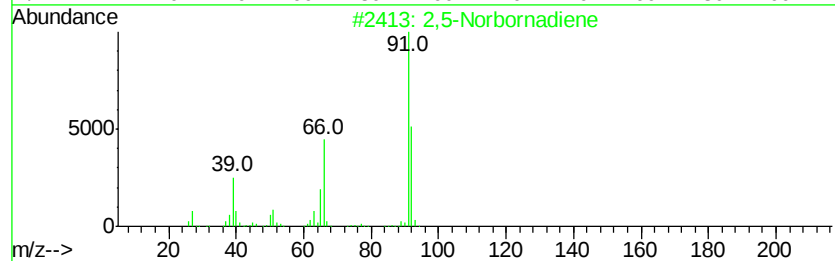
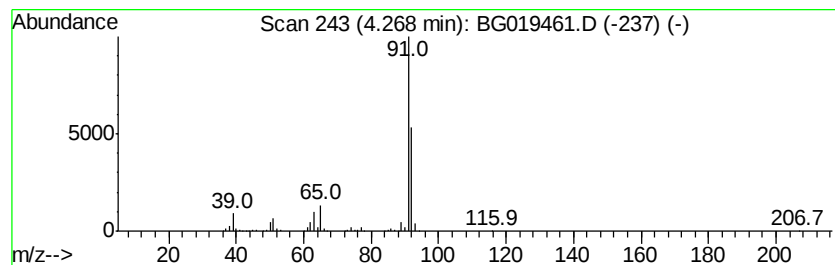
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,5-Norbornadiene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	175.05 ng/ul	1667690	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Norbornadiene	92	C7H8	000121-46-0	91
2		Toluene	92	C7H8	000108-88-3	91
3		Toluene	92	C7H8	000108-88-3	90
4		Toluene	92	C7H8	000108-88-3	87
5		Toluene	92	C7H8	000108-88-3	87



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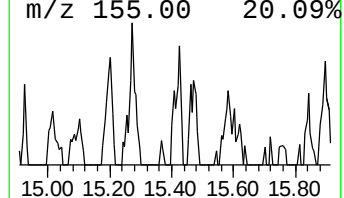
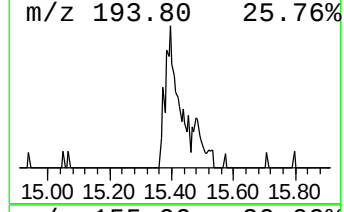
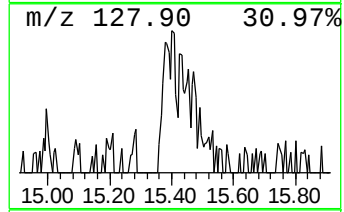
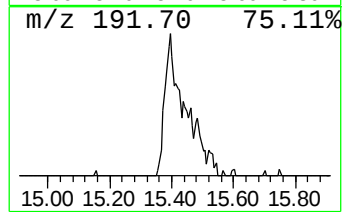
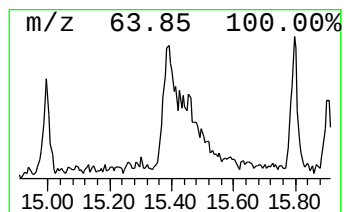
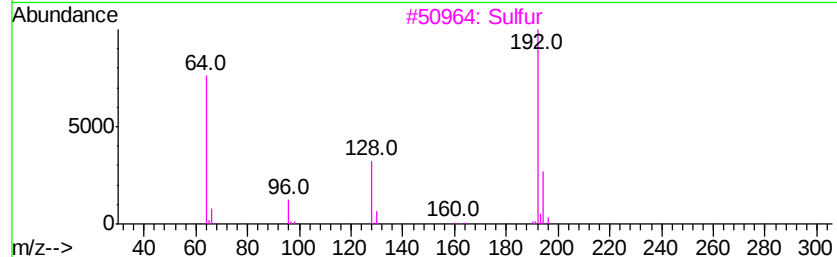
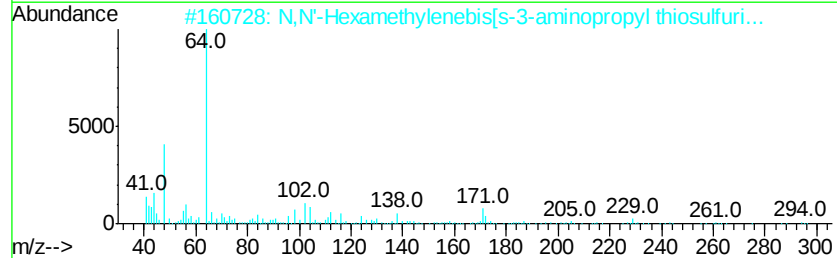
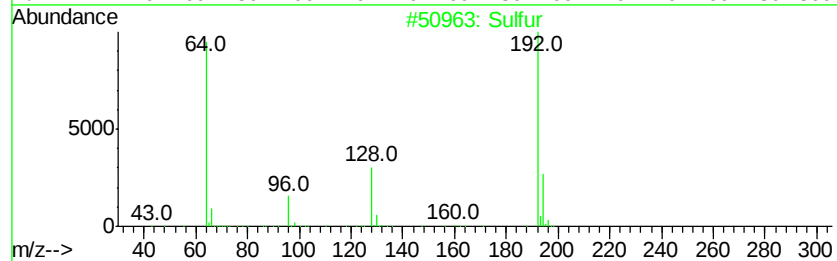
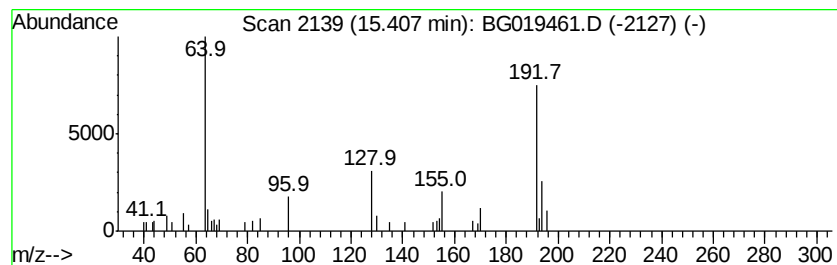
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfur Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.82 ng/ul	67731	Acenaphthene-d10	14.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur	192	S6	013798-23-7	78
2		N,N'-Hexamethylenebis[s-3-aminopropyl thiosulfuric acid]	424	C12H28N2O6S4	035871-55-7	38
3		Sulfur	192	S6	013798-23-7	38
4		3-(1,2-Dibromoethyl)-1,1,2,2-tetrafluoroethane	312	C6H6Br2F4	017215-13-3	36
5		N,N'-Tetramethylenebis[s-3-aminopropyl thiosulfuric acid]	396	C10H24N2O6S4	035871-61-5	36



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BC774

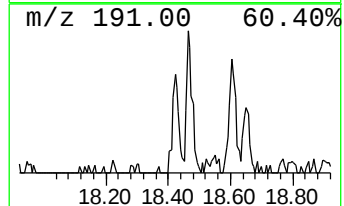
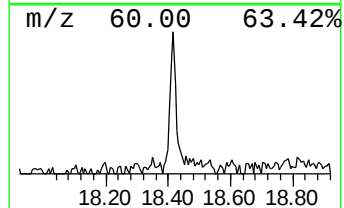
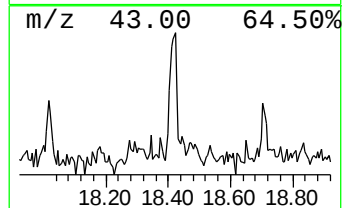
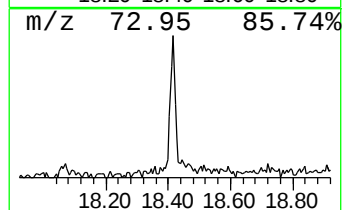
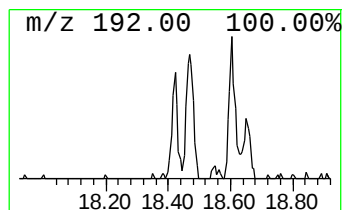
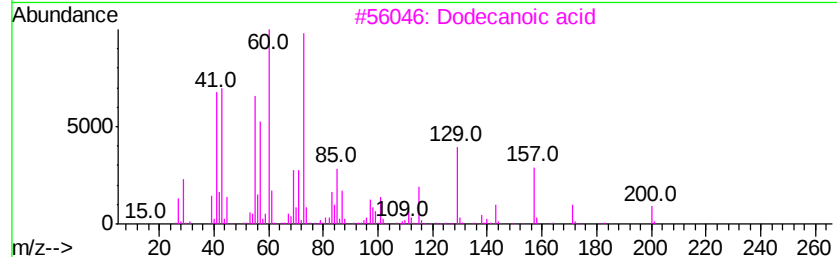
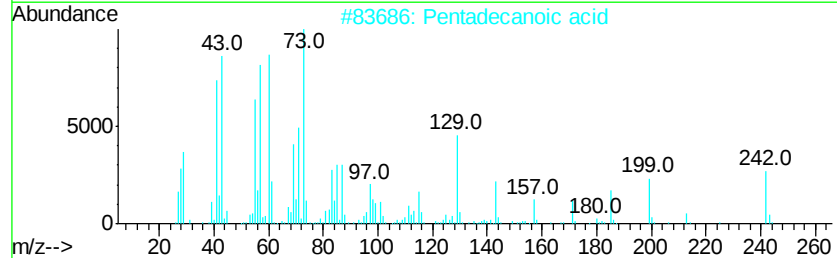
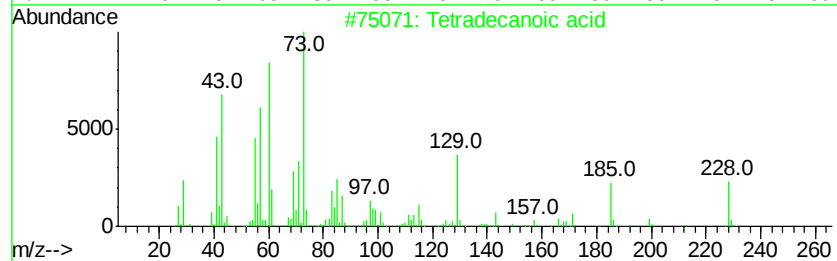
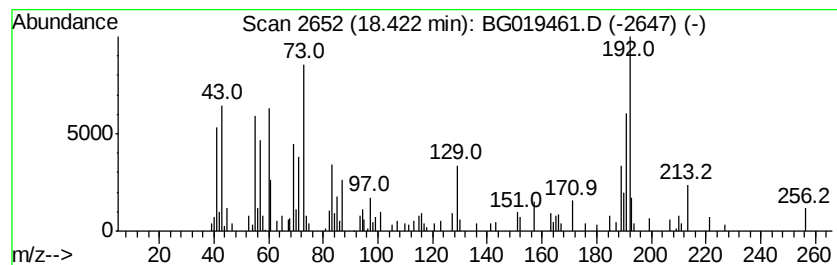
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.67 ng/ul	95498	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	45
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
3		Dodecanoic acid	200	C12H24O2	000143-07-7	35
4		Dodecanoic acid	200	C12H24O2	000143-07-7	27
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110315\
Data File : BG019461.D
Acq On : 3 Nov 2015 20:45
Operator : UM/NP
Sample : G4211-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC774

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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
unknown-01	3.21	15.7	ng/ul	149341	1	8.18	190539	20.0
2,5-Norbornadiene	4.27	175.1	ng/ul	1667690	1	8.18	190539	20.0
Sulfur	15.41	2.8	ng/ul	67731	3	14.81	480983	20.0
unknown-02	18.42	2.7	ng/ul	95498	4	17.55	715450	20.0