

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
 Data File : BG019362.D
 Acq On : 26 Oct 2015 16:36
 Operator : UM/NP
 Sample : G4075-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9H8

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-BG102315.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	2.926	12	15	17	rVB4	2941	3244	0.26%	0.032%
2	3.056	32	37	38	rBV3	3053	3890	0.31%	0.038%
3	3.120	45	48	51	rVB4	2294	2583	0.21%	0.025%
4	3.156	51	54	56	rVB3	2442	2459	0.20%	0.024%
5	3.203	56	62	66	rBV3	17786	28725	2.32%	0.279%
6	3.279	71	75	82	rVV	50402	70764	5.71%	0.687%
7	3.355	86	88	91	rVB	2657	2402	0.19%	0.023%
8	3.555	115	122	128	rVB5	5452	11613	0.94%	0.113%
9	3.596	128	129	133	rBV4	3058	3251	0.26%	0.032%
10	3.737	151	153	157	rBV3	1814	2496	0.20%	0.024%
11	3.960	188	191	195	rBV4	2300	4104	0.33%	0.040%
12	4.031	199	203	206	rVB4	2575	2474	0.20%	0.024%
13	4.154	221	224	228	rVB4	2656	3780	0.30%	0.037%
14	4.201	228	232	233	rBV2	2320	2968	0.24%	0.029%
15	4.313	248	251	254	rVV2	2648	3294	0.27%	0.032%
16	4.348	254	257	260	rVB4	3275	4227	0.34%	0.041%
17	4.384	262	263	265	rBV2	3894	3170	0.26%	0.031%
18	4.460	273	276	279	rVB4	3306	4132	0.33%	0.040%
19	4.501	279	283	284	rBV2	2347	3094	0.25%	0.030%
20	4.677	308	313	318	rBV2	8302	12837	1.04%	0.125%
21	4.953	359	360	362	rBV	3773	2347	0.19%	0.023%
22	5.218	402	405	406	rBV	2360	2519	0.20%	0.024%
23	5.306	414	420	426	rVB3	7277	10054	0.81%	0.098%
24	5.371	429	431	433	rBV2	2881	2879	0.23%	0.028%
25	5.647	476	478	480	rBV2	2765	2740	0.22%	0.027%
26	5.682	480	484	488	rVV5	3124	5283	0.43%	0.051%
27	5.805	501	505	509	rBV2	2879	4752	0.38%	0.046%
28	6.035	542	544	547	rBV	2461	2655	0.21%	0.026%
29	6.546	626	631	634	rBV2	3131	4499	0.36%	0.044%
30	6.587	636	638	640	rVB	2698	2569	0.21%	0.025%
31	6.616	640	643	647	rBV2	2562	3798	0.31%	0.037%
32	7.016	709	711	716	rBV3	1442	2400	0.19%	0.023%
33	7.157	732	735	737	rBV2	2676	3271	0.26%	0.032%
34	7.257	746	752	756	rBV3	7195	11669	0.94%	0.113%

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35	7.404	769	777	785	rVV	177589	312798	25.22%	3.038%
36	7.556	796	803	811	rBV	114612	187240	15.10%	1.818%
37	7.780	834	841	851	rVB	168687	294966	23.78%	2.865%
38	8.250	914	921	928	rBV	119015	208959	16.85%	2.029%
39	8.490	958	962	965	rBV	1855	2379	0.19%	0.023%
40	8.755	1003	1007	1008	rVB2	2483	2617	0.21%	0.025%
41	8.961	1034	1042	1050	rBV	235565	402769	32.48%	3.912%
42	9.166	1076	1077	1083	rBV3	2206	4404	0.36%	0.043%
43	9.419	1113	1120	1127	rVB	167324	289989	23.38%	2.816%
44	9.548	1137	1142	1148	rBV3	10282	17884	1.44%	0.174%
45	9.801	1183	1185	1190	rVV2	2890	3937	0.32%	0.038%
46	10.036	1223	1225	1227	rBV	2854	3008	0.24%	0.029%
47	10.147	1236	1244	1253	rBV2	155846	287891	23.21%	2.796%
48	10.606	1319	1322	1325	rBV2	2194	2790	0.22%	0.027%
49	10.641	1325	1328	1330	rBV2	2403	2491	0.20%	0.024%
50	10.700	1330	1338	1347	rVV	260342	458982	37.01%	4.458%
51	10.835	1356	1361	1366	rVB4	5696	7620	0.61%	0.074%
52	10.964	1379	1383	1388	rVB4	2196	2890	0.23%	0.028%
53	11.082	1396	1403	1411	rBV	177856	316329	25.51%	3.072%
54	11.211	1418	1425	1431	rBV2	127831	226588	18.27%	2.201%
55	11.487	1471	1472	1476	rBV3	2051	2432	0.20%	0.024%
56	11.604	1489	1492	1496	rVB2	1732	2508	0.20%	0.024%
57	11.851	1530	1534	1543	rBV8	3752	8789	0.71%	0.085%
58	11.916	1543	1545	1549	rVB4	2014	2459	0.20%	0.024%
59	12.051	1566	1568	1572	rBV4	3301	3055	0.25%	0.030%
60	12.274	1604	1606	1607	rBV2	3322	2504	0.20%	0.024%
61	12.357	1619	1620	1623	rBV	3890	4412	0.36%	0.043%
62	12.404	1627	1628	1631	rVB3	3058	2343	0.19%	0.023%
63	12.527	1646	1649	1651	rBV4	3671	5015	0.40%	0.049%
64	12.574	1651	1657	1663	rVV	150169	251487	20.28%	2.442%
65	12.650	1668	1670	1675	rVB5	6914	8666	0.70%	0.084%
66	12.756	1686	1688	1689	rBV2	4940	3901	0.31%	0.038%
67	12.815	1696	1698	1700	rBV3	2698	2576	0.21%	0.025%
68	12.973	1724	1725	1730	rBV4	4861	5015	0.40%	0.049%
69	13.179	1758	1760	1762	rBV3	3369	3263	0.26%	0.032%
70	13.232	1766	1769	1772	rVV5	7374	10330	0.83%	0.100%
71	13.261	1772	1774	1776	rVB3	3504	2789	0.22%	0.027%

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72	13.302	1779	1781	1782	rBV2	5112	3281	0.26%	0.032%
73	13.326	1784	1785	1788	rBV3	3487	2371	0.19%	0.023%
74	13.473	1808	1810	1815	rBV6	9832	11880	0.96%	0.115%
75	13.561	1824	1825	1828	rBV3	4944	4531	0.37%	0.044%
76	13.655	1839	1841	1842	rVB2	5908	3416	0.28%	0.033%
77	13.673	1842	1844	1847	rBV4	3619	4012	0.32%	0.039%
78	13.749	1855	1857	1858	rBV2	3964	2655	0.21%	0.026%
79	13.849	1872	1874	1875	rBV2	7753	4498	0.36%	0.044%
80	13.925	1886	1887	1890	rBV3	7740	7867	0.63%	0.076%
81	13.996	1897	1899	1902	rBV4	4396	4124	0.33%	0.040%
82	14.043	1904	1907	1909	rVV4	4842	5450	0.44%	0.053%
83	14.172	1927	1929	1930	rVB2	4691	2515	0.20%	0.024%
84	14.213	1934	1936	1938	rBV3	3440	3662	0.30%	0.036%
85	14.266	1939	1945	1950	rVV	421975	647969	52.25%	6.293%
86	14.313	1950	1953	1959	rVB	278663	378371	30.51%	3.675%
87	14.378	1962	1964	1965	rBV2	3845	3006	0.24%	0.029%
88	14.460	1976	1978	1979	rBV	4937	3659	0.30%	0.036%
89	14.572	1991	1997	2005	rBV	437849	700217	56.46%	6.800%
90	14.648	2008	2010	2011	rBV2	6332	3424	0.28%	0.033%
91	14.877	2043	2049	2057	rBV2	300302	520492	41.97%	5.055%
92	15.065	2076	2081	2088	rBV	222502	361532	29.15%	3.511%
93	15.858	2210	2216	2222	rBV	579884	888145	71.61%	8.625%
94	15.964	2229	2234	2242	rVB2	151897	235855	19.02%	2.291%
95	16.087	2252	2255	2261	rBV8	14143	29414	2.37%	0.286%
96	16.458	2316	2318	2319	rBV2	15206	10263	0.83%	0.100%
97	17.615	2510	2515	2520	rBV	381446	570349	45.99%	5.539%
98	17.715	2527	2532	2539	rBV	627989	971696	78.35%	9.437%
99	18.925	2736	2738	2740	rBV3	106797	76925	6.20%	0.747%
100	19.989	2914	2919	2922	rBV	906450	1240169	100.00%	12.044%

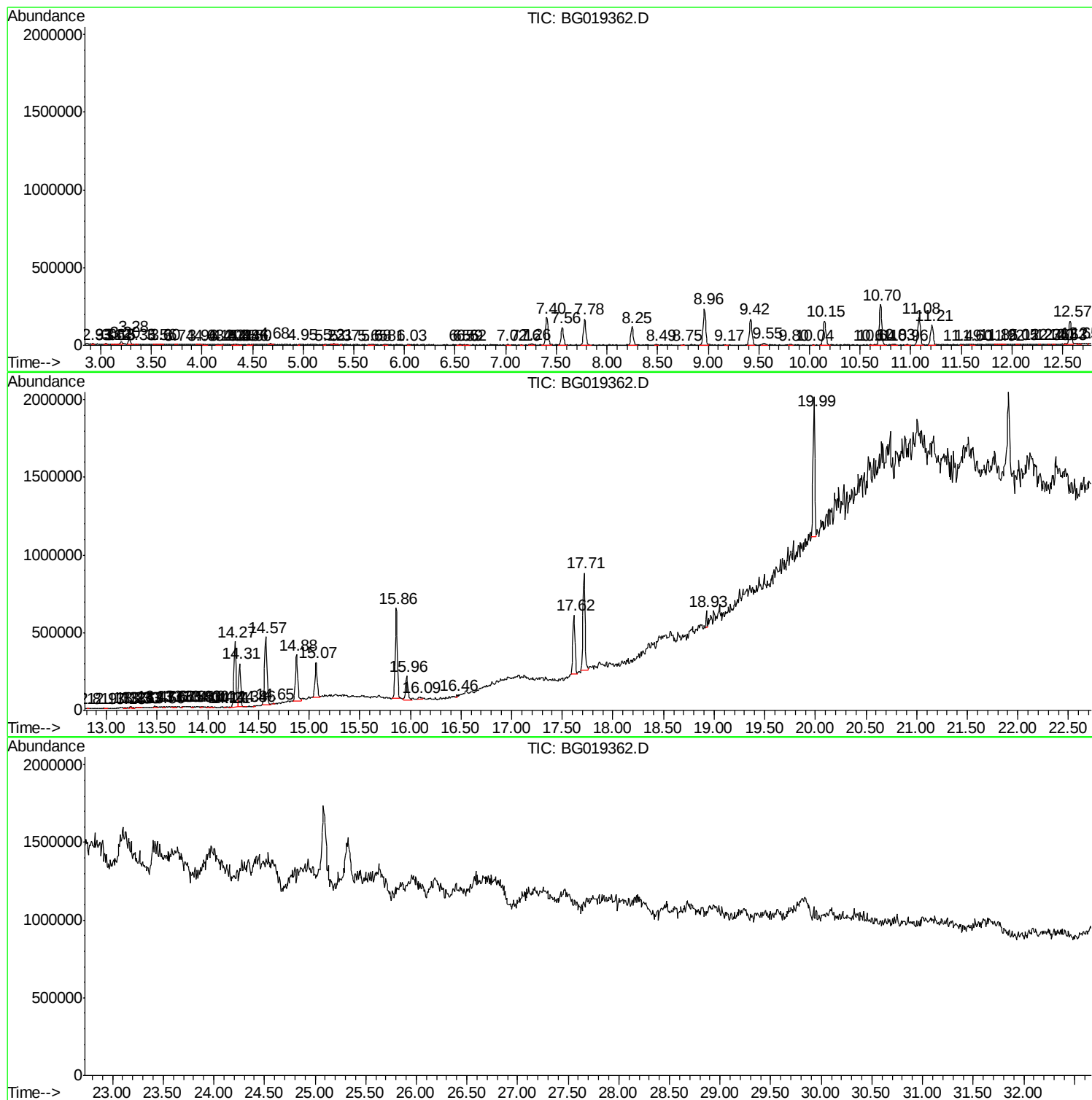
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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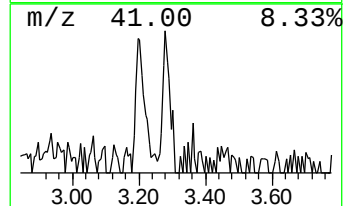
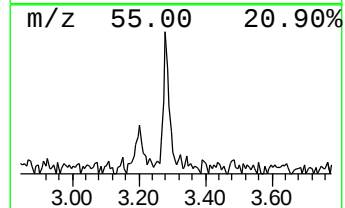
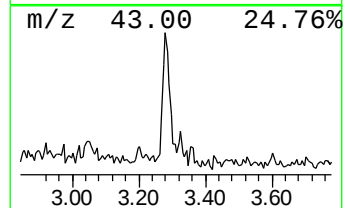
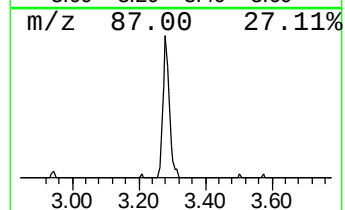
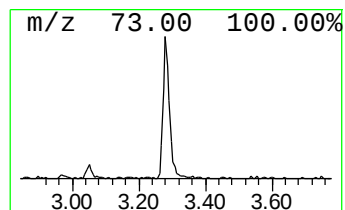
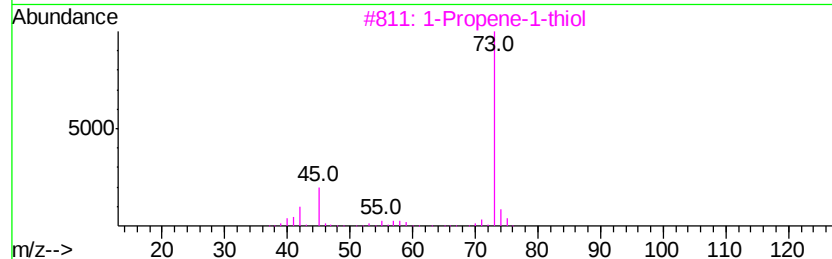
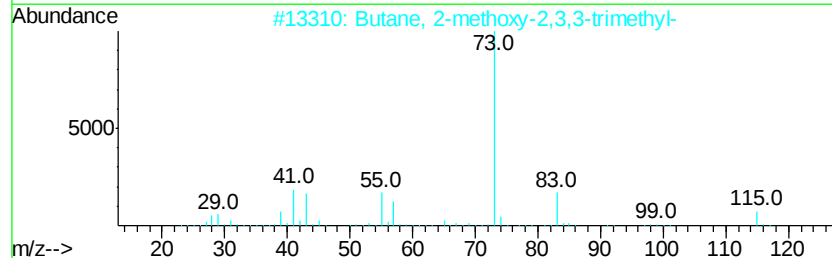
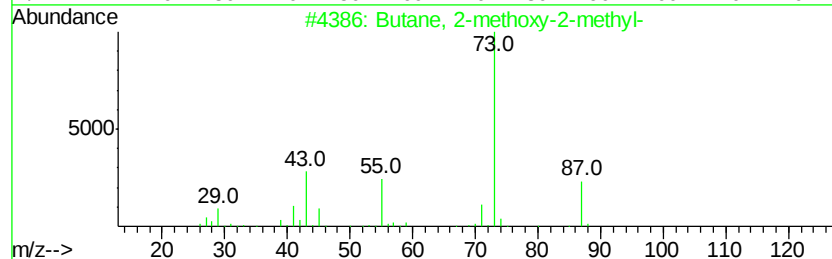
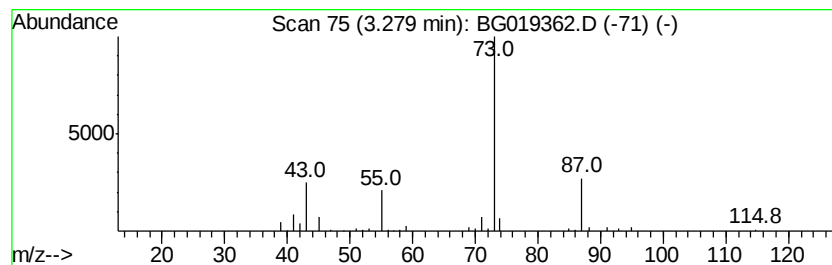
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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.
3.28	6.77 ng/ul	70764	1,4-Dichlorobenzene-d4	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	25
3		1-Propene-1-thiol	74	C3H6S	000925-89-3	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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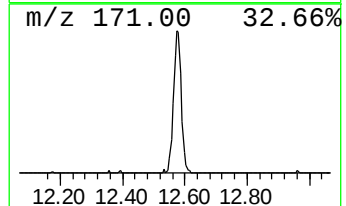
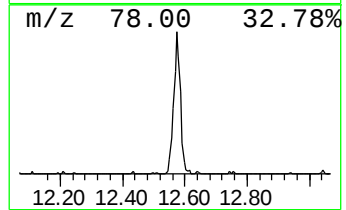
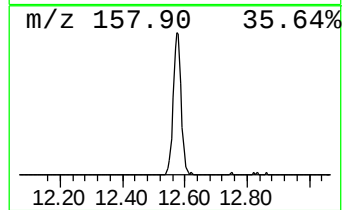
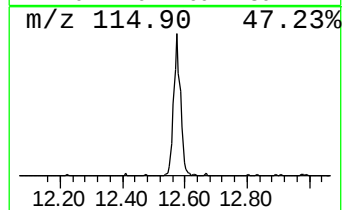
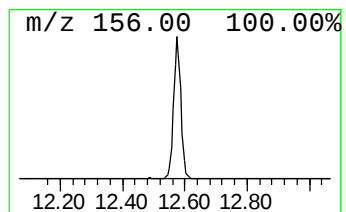
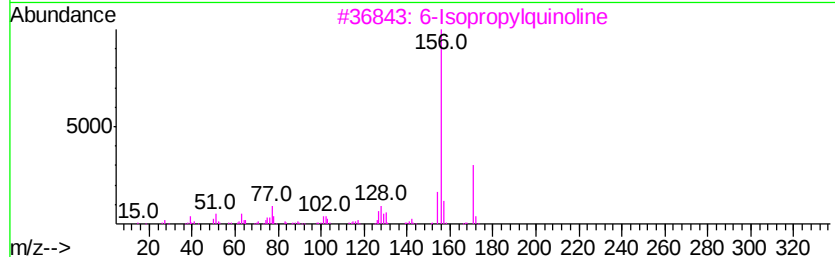
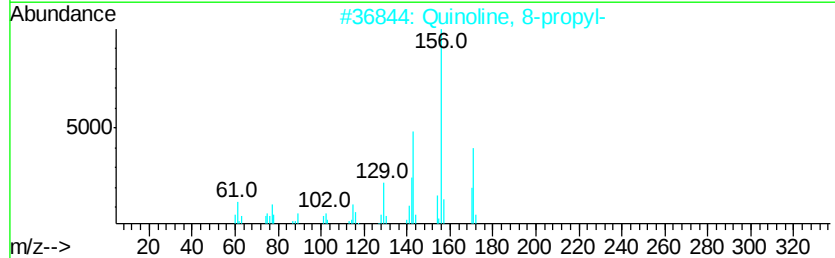
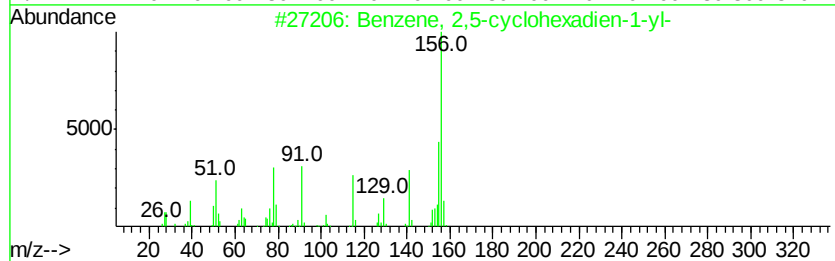
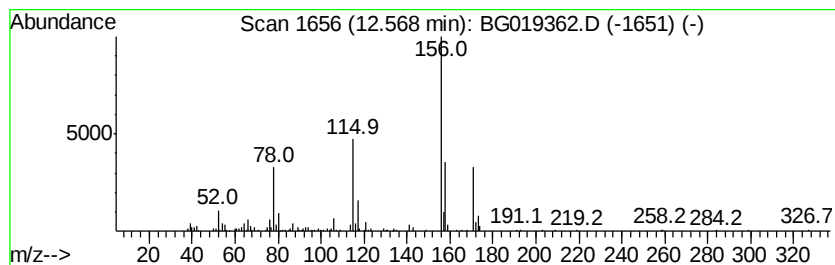
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	15.90 ng/ul	251487	Naphthalene-d8	11.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	38
2		Quinoline, 8-propyl-	171	C12H13N	007661-53-2	38
3		6-Isopropylquinoline	171	C12H13N	000135-79-5	38
4		Chloroxylenol	156	C8H9ClO	000088-04-0	32
5		4,4'-Bipyridine	156	C10H8N2	000553-26-4	27



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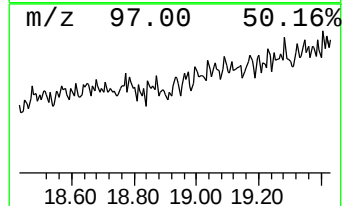
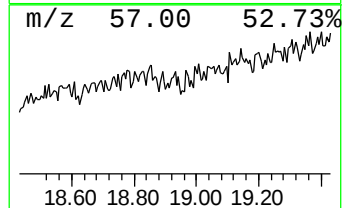
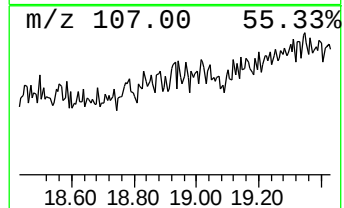
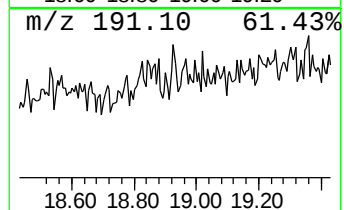
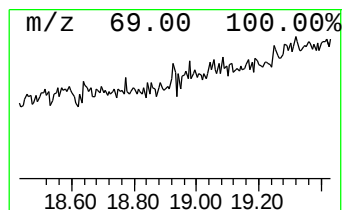
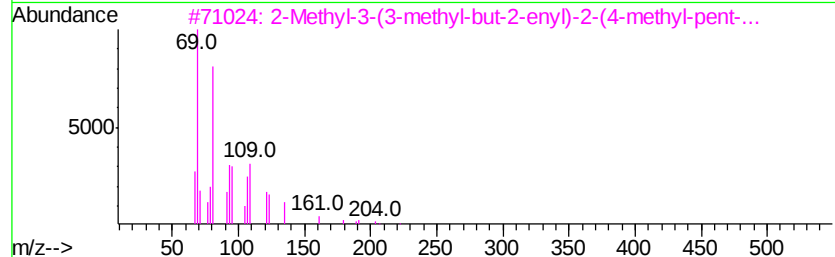
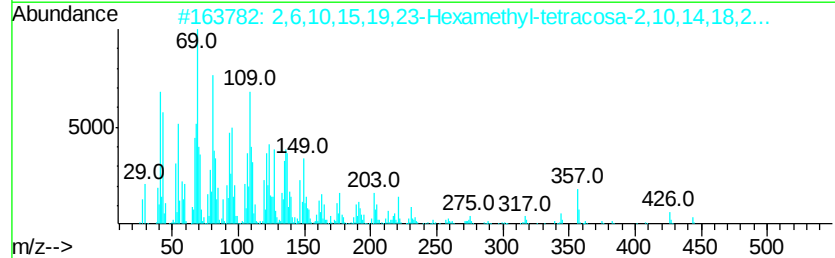
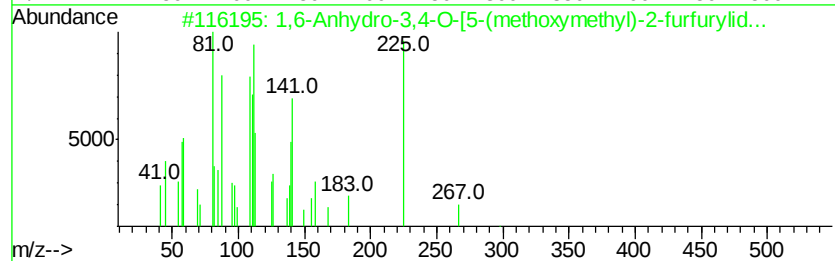
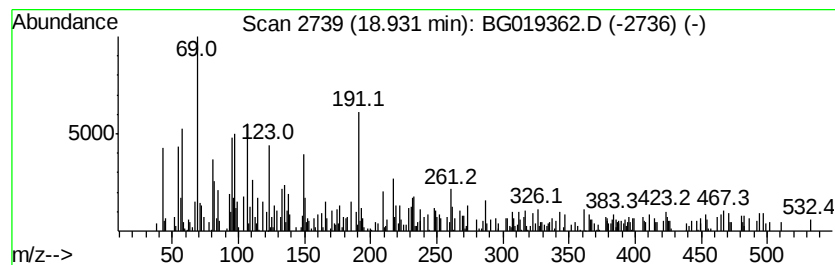
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1,6-Anhydro-3,4-O-[5-(metho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.93	2.70 ng/ul	76925	Phenanthrene-d10	17.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-3,4-O-[5-(methoxymet...	298	C14H18O7	095881-42-8	90
2	2,6,10,15,19,23-Hexamethyl-tetra...	444	C30H52O2	1000194-70-7	53
3	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	53
4	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	50
5	1-[3,3-Dimethyl-2-(3-methyl-buta...	222	C14H22O2	1000189-12-6	45



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102615\
Data File : BG019362.D
Acq On : 26 Oct 2015 16:36
Operator : UM/NP
Sample : G4075-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9H8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.28	6.8	ng/ul	70764	1	8.25	208959	20.0
unknown-01	12.57	15.9	ng/ul	251487	2	11.08	316329	20.0
1,6-Anhydro-3,4-O...	18.93	2.7	ng/ul	76925	4	17.62	570349	20.0