

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
 Data File : BG018387.D
 Acq On : 11 Aug 2015 18:42
 Operator : UM/MA
 Sample : G3136-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J6

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-BG080915.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	3.167	53	56	62	rVB3	14623	19209	1.47%	0.143%
2	3.261	68	72	73	rBV4	6071	4973	0.38%	0.037%
3	3.478	103	109	113	rBV6	12086	20766	1.58%	0.155%
4	3.819	162	167	175	rBV2	74371	110175	8.41%	0.821%
5	3.972	189	193	194	rBV3	4160	5197	0.40%	0.039%
6	4.001	194	198	202	rVB3	16506	25195	1.92%	0.188%
7	4.201	228	232	233	rBV4	4248	5691	0.43%	0.042%
8	4.224	233	236	237	rBV2	5018	5754	0.44%	0.043%
9	4.506	282	284	290	rVB6	3601	5735	0.44%	0.043%
10	4.618	298	303	305	rBV4	3953	6163	0.47%	0.046%
11	4.718	318	320	323	rBV3	5690	5973	0.46%	0.045%
12	4.771	324	329	330	rVV5	3396	4850	0.37%	0.036%
13	5.158	394	395	399	rVB4	6786	4580	0.35%	0.034%
14	5.229	403	407	416	rVB9	4639	11534	0.88%	0.086%
15	5.358	427	429	431	rVB2	6526	5032	0.38%	0.038%
16	5.388	431	434	435	rBV3	5366	5179	0.40%	0.039%
17	5.464	446	447	453	rBV6	3456	5172	0.39%	0.039%
18	5.535	456	459	462	rBV5	3852	4971	0.38%	0.037%
19	5.681	478	484	488	rVV6	8518	14790	1.13%	0.110%
20	5.869	515	516	521	rBV4	3604	5317	0.41%	0.040%
21	6.052	538	547	554	rBV6	24682	73416	5.60%	0.547%
22	6.245	577	580	585	rVB6	3449	5527	0.42%	0.041%
23	6.674	649	653	655	rBV5	3641	4392	0.34%	0.033%
24	6.739	661	664	667	rVB4	4785	6039	0.46%	0.045%
25	6.780	667	671	672	rBV4	4509	4965	0.38%	0.037%
26	6.933	694	697	700	rBV5	3182	4379	0.33%	0.033%
27	7.015	709	711	719	rVB7	9827	17278	1.32%	0.129%
28	7.127	727	730	736	rVB	19973	24909	1.90%	0.186%
29	7.197	736	742	749	rBV	186629	330234	25.20%	2.462%
30	7.262	749	753	759	rVB	34051	55106	4.21%	0.411%
31	7.362	762	770	778	rBV	151685	252789	19.29%	1.885%
32	7.432	778	782	787	rBV	19279	32892	2.51%	0.245%
33	7.573	798	806	814	rVB	188668	324662	24.78%	2.420%
34	7.626	814	815	819	rBV3	4446	4859	0.37%	0.036%

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35	7.691	819	826	835	rBV2	97878	189886	14.49%	1.416%
36	7.785	840	842	851	rVB10	11643	23231	1.77%	0.173%
37	8.037	877	885	892	rBV	273804	477077	36.41%	3.557%
38	8.161	900	906	912	rVB	37699	66799	5.10%	0.498%
39	8.231	915	918	920	rBV4	3789	4871	0.37%	0.036%
40	8.267	923	924	928	rBV4	4319	4923	0.38%	0.037%
41	8.408	945	948	950	rVV4	5055	6564	0.50%	0.049%
42	8.472	955	959	962	rVV6	3236	5364	0.41%	0.040%
43	8.519	964	967	970	rBV4	3998	5510	0.42%	0.041%
44	8.590	970	979	983	rBV7	17323	34336	2.62%	0.256%
45	8.625	983	985	987	rVB3	6210	4665	0.36%	0.035%
46	8.678	990	994	999	rVV7	11412	15449	1.18%	0.115%
47	8.743	999	1005	1012	rVV	221401	358630	27.37%	2.674%
48	8.860	1020	1025	1029	rVB4	10265	19902	1.52%	0.148%
49	8.936	1034	1038	1040	rVB5	3711	4439	0.34%	0.033%
50	8.995	1045	1048	1052	rBV5	4620	6722	0.51%	0.050%
51	9.054	1055	1058	1061	rVB5	5799	7604	0.58%	0.057%
52	9.142	1071	1073	1076	rVV4	8711	11428	0.87%	0.085%
53	9.195	1076	1082	1090	rVB2	172177	305512	23.32%	2.278%
54	9.312	1097	1102	1107	rVB9	11008	19955	1.52%	0.149%
55	9.354	1107	1109	1112	rBV4	6438	6384	0.49%	0.048%
56	9.412	1116	1119	1123	rBV5	4768	7082	0.54%	0.053%
57	9.500	1132	1134	1137	rVB3	6713	5395	0.41%	0.040%
58	9.530	1137	1139	1142	rBV3	4279	5121	0.39%	0.038%
59	9.630	1153	1156	1161	rBV7	4248	9113	0.70%	0.068%
60	9.671	1161	1163	1166	rVV3	4350	5544	0.42%	0.041%
61	9.735	1171	1174	1177	rVV4	10474	15355	1.17%	0.114%
62	9.812	1181	1187	1191	rBV8	4734	7557	0.58%	0.056%
63	9.918	1197	1205	1213	rBV	147050	270456	20.64%	2.016%
64	10.035	1222	1225	1226	rBV3	6732	4872	0.37%	0.036%
65	10.188	1248	1251	1254	rVB5	4851	4719	0.36%	0.035%
66	10.388	1283	1285	1289	rVB5	3762	5088	0.39%	0.038%
67	10.464	1289	1298	1306	rBV	247847	449971	34.34%	3.355%
68	10.611	1320	1323	1331	rVB8	6730	14780	1.13%	0.110%
69	10.758	1347	1348	1351	rVB3	7144	4571	0.35%	0.034%
70	10.846	1355	1363	1369	rBV	408855	758938	57.92%	5.658%
71	10.893	1369	1371	1377	rVV2	48463	77373	5.90%	0.577%

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Title : SVOA CALIBRATION

72	10.975	1379	1385	1392	rVB	149319	270653	20.66%	2.018%
73	11.122	1407	1410	1412	rBV4	4433	5554	0.42%	0.041%
74	11.263	1428	1434	1435	rVB5	3486	5815	0.44%	0.043%
75	11.357	1447	1450	1452	rBV4	4785	4575	0.35%	0.034%
76	11.498	1471	1474	1477	rVB5	5598	7716	0.59%	0.058%
77	11.692	1503	1507	1510	rVB6	6204	9091	0.69%	0.068%
78	11.874	1533	1538	1540	rBV6	7936	12577	0.96%	0.094%
79	11.939	1547	1549	1554	rBV6	6413	7092	0.54%	0.053%
80	12.039	1560	1566	1567	rBV6	5622	10884	0.83%	0.081%
81	12.332	1611	1616	1617	rBV5	7519	8876	0.68%	0.066%
82	12.385	1623	1625	1628	rVB4	4182	4976	0.38%	0.037%
83	12.503	1639	1645	1650	rVB	30100	54623	4.17%	0.407%
84	12.585	1657	1659	1662	rBV4	7020	6544	0.50%	0.049%
85	12.714	1677	1681	1685	rBV3	18716	31463	2.40%	0.235%
86	12.832	1698	1701	1702	rBV3	5100	6139	0.47%	0.046%
87	13.037	1730	1736	1740	rBV8	17494	34773	2.65%	0.259%
88	13.272	1771	1776	1782	rBV8	23050	43068	3.29%	0.321%
89	13.461	1804	1808	1811	rBV4	29712	41530	3.17%	0.310%
90	14.066	1906	1911	1915	rBV	412179	619519	47.28%	4.619%
91	14.113	1915	1919	1923	rVB	241592	372159	28.40%	2.774%
92	14.359	1956	1961	1967	rBV	471996	759763	57.98%	5.664%
93	14.500	1981	1985	1992	rVB4	101463	161921	12.36%	1.207%
94	14.665	2009	2013	2022	rVB3	613319	1010498	77.12%	7.533%
95	14.853	2042	2045	2050	rVB	109236	152015	11.60%	1.133%
96	15.658	2177	2182	2187	rVB	619527	920209	70.23%	6.860%
97	17.409	2476	2480	2484	rBV2	730260	1084595	82.77%	8.086%
98	17.509	2493	2497	2501	rBV	561636	768789	58.67%	5.731%
99	19.459	2825	2829	2835	rVB	948906	1310350	100.00%	9.769%
100	19.794	2882	2886	2888	rBV2	701676	1045001	79.75%	7.791%

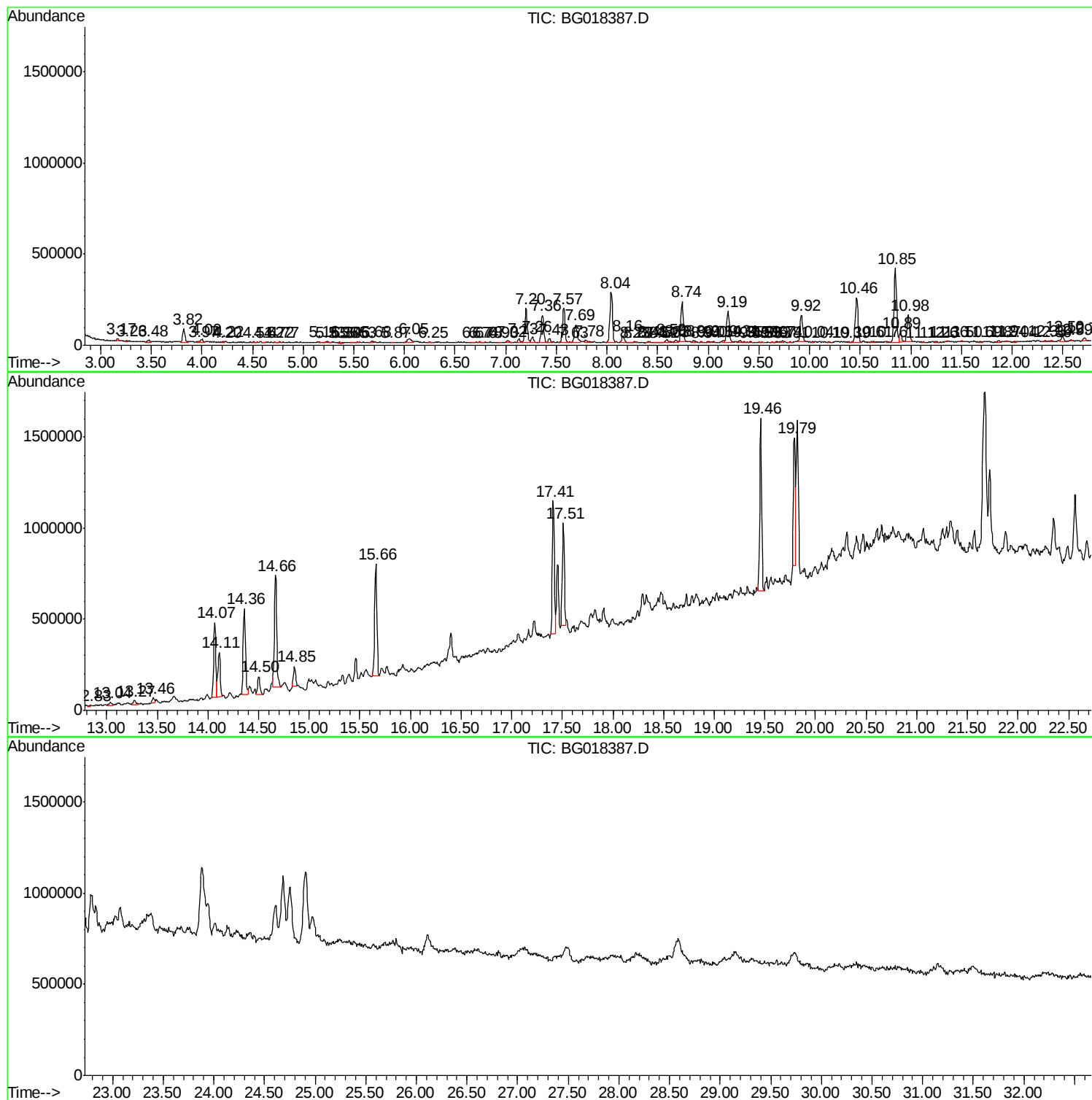
Sum of corrected areas: 13413657

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



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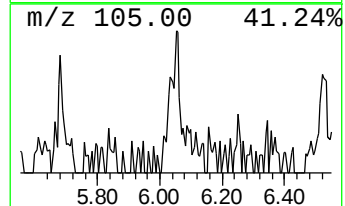
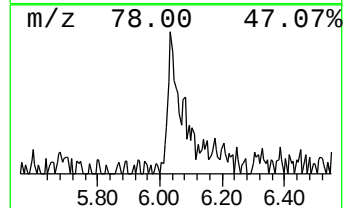
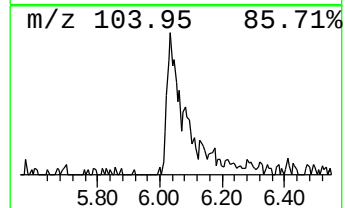
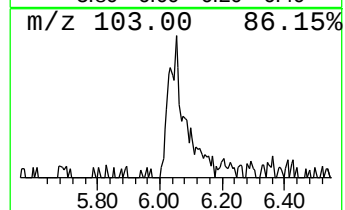
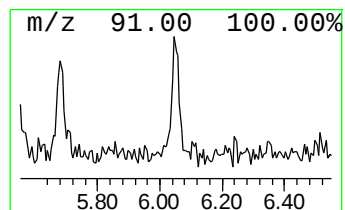
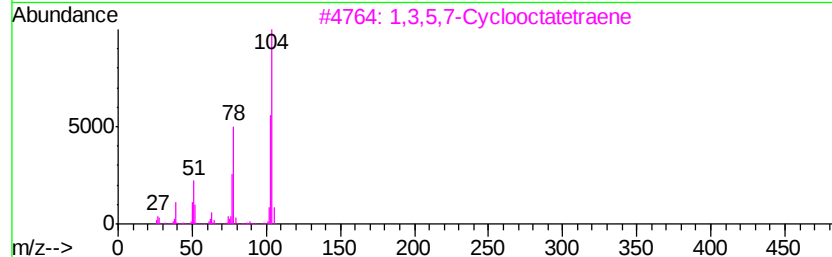
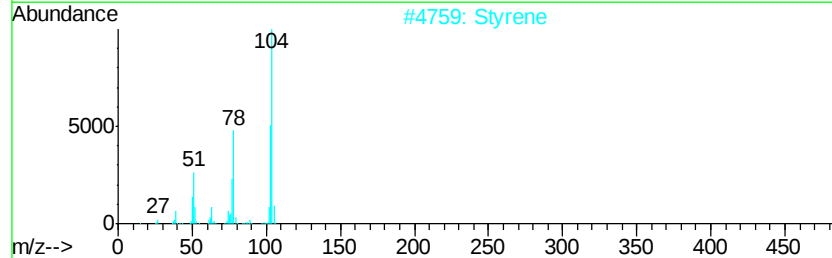
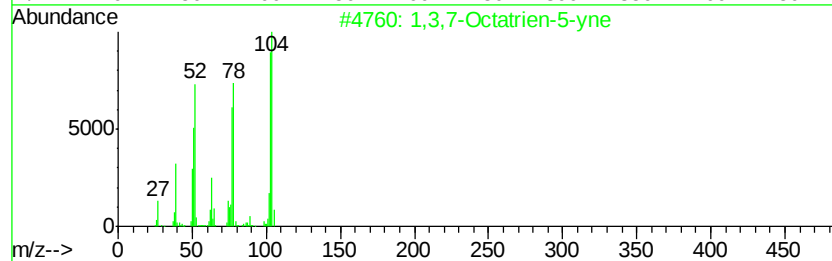
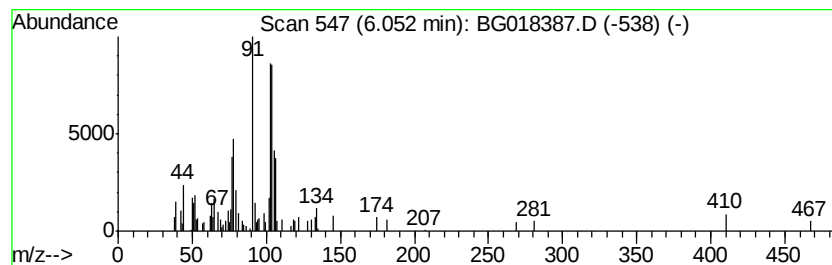
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,3,7-Octatrien-5-yne Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	3.08 ng/ul	73416	1,4-Dichlorobenzene-d4	8.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	81
2			Styrene	104	C8H8	000100-42-5	47
3			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	46
4			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	46
5			1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	43



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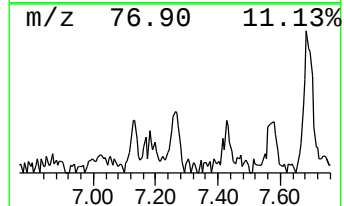
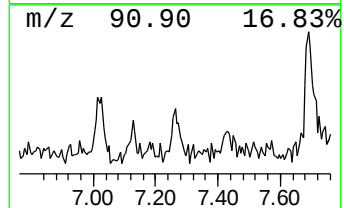
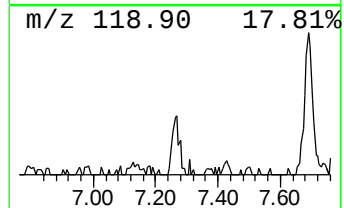
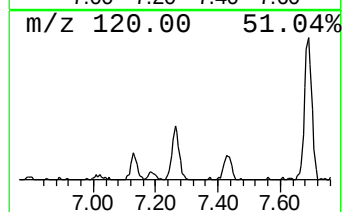
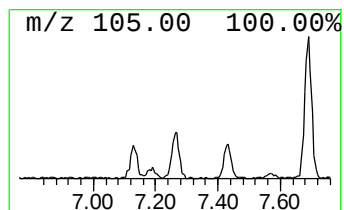
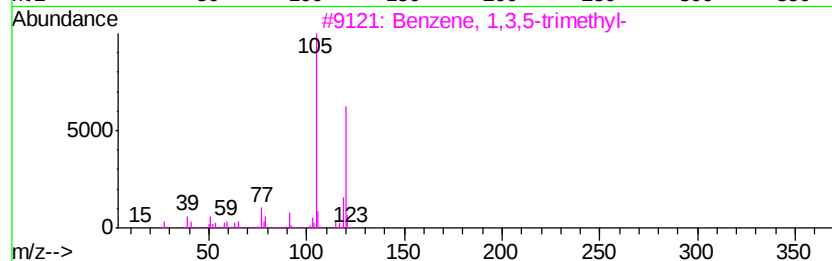
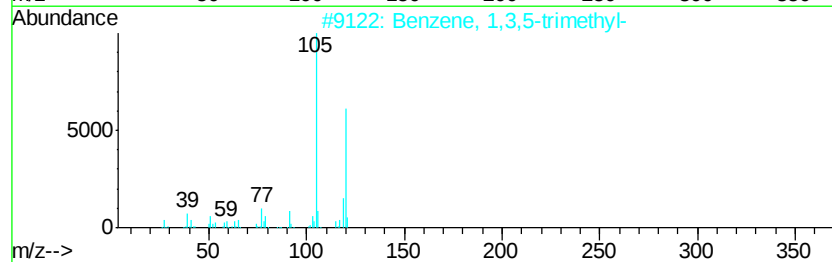
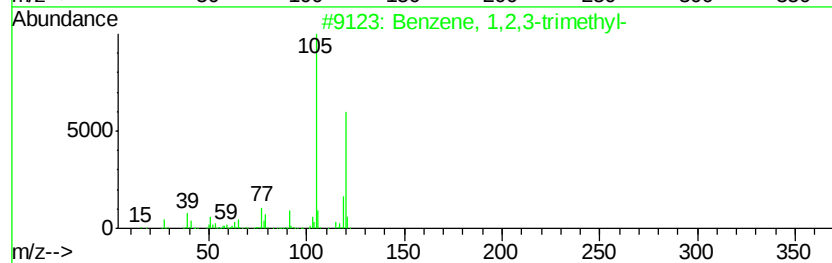
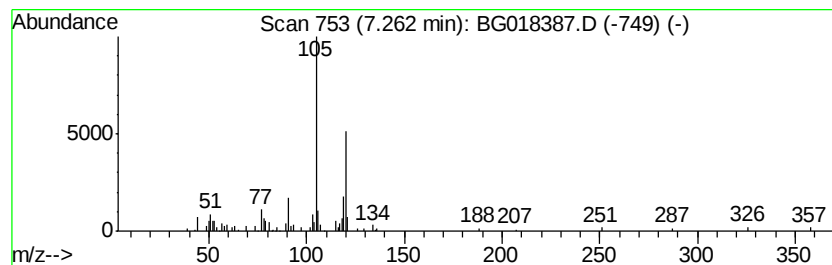
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	2.31 ng/ul	55106	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



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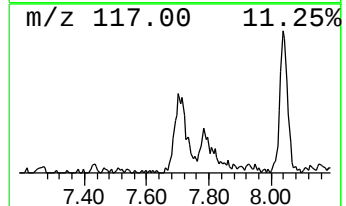
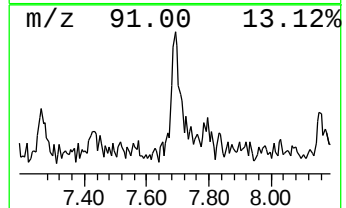
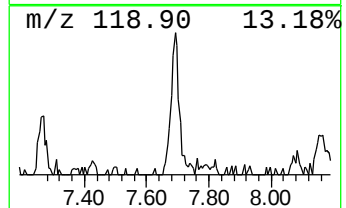
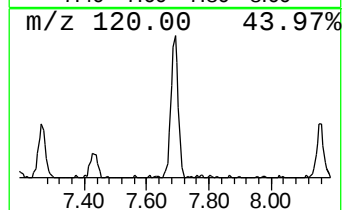
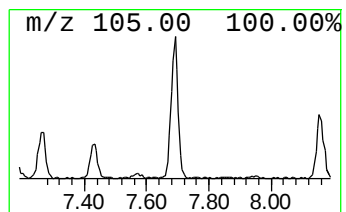
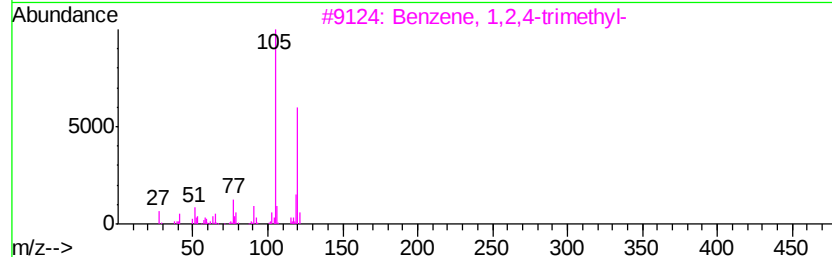
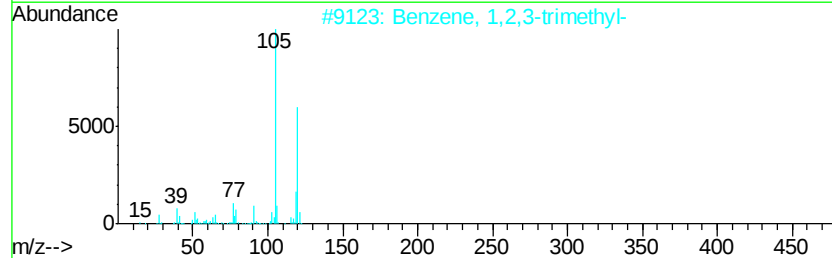
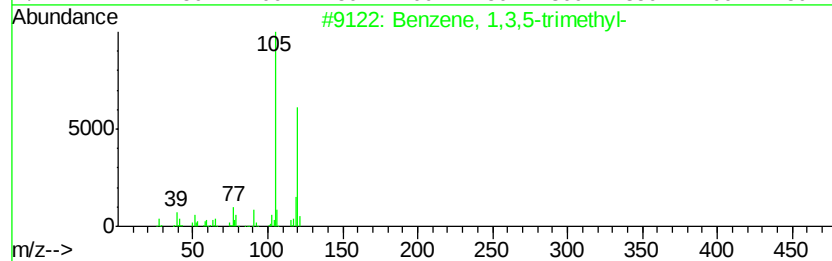
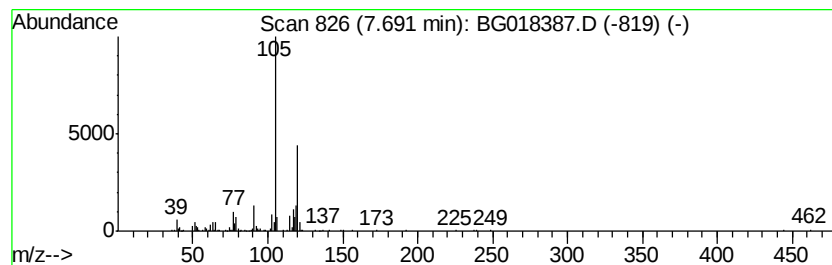
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	7.96 ng/ul	189886	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018387.D
Acq On : 11 Aug 2015 18:42
Operator : UM/MA
Sample : G3136-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J6

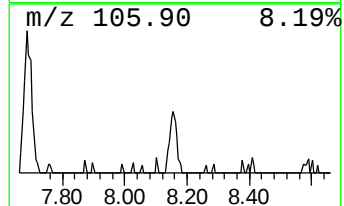
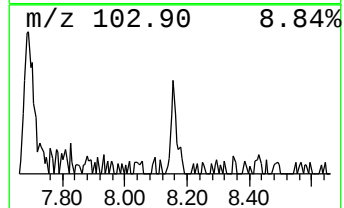
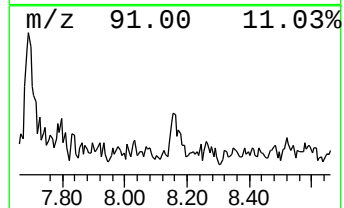
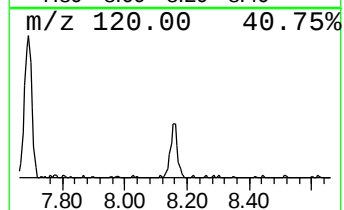
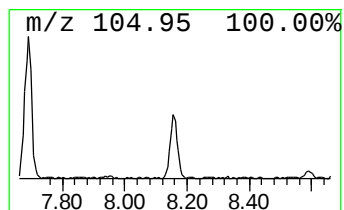
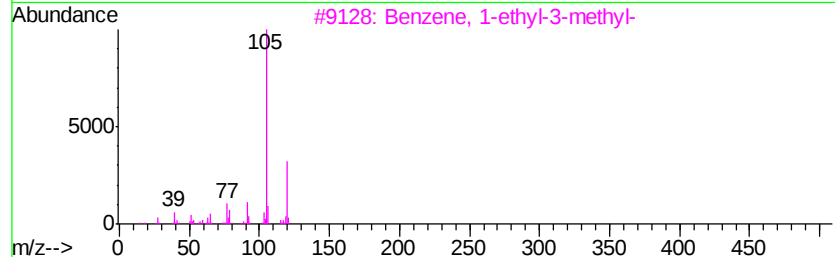
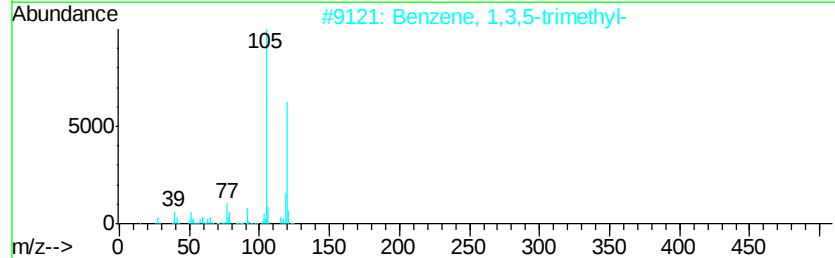
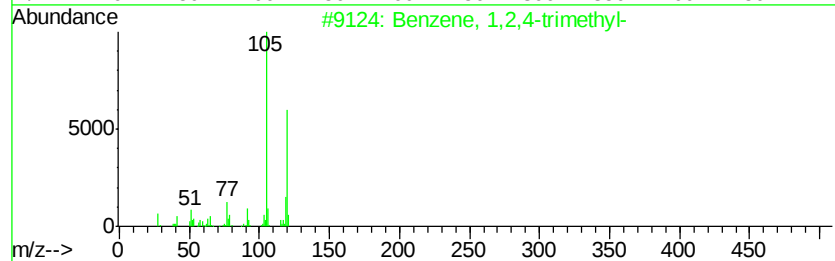
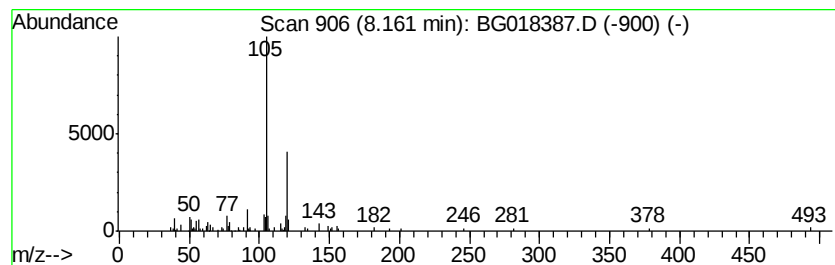
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.80 ng/ul	66799	1,4-Dichlorobenzene-d4	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	74
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
4		1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	64
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018387.D
Acq On : 11 Aug 2015 18:42
Operator : UM/MA
Sample : G3136-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J6

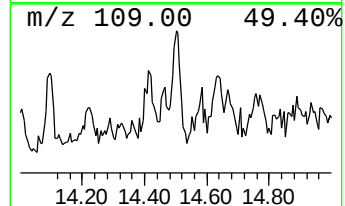
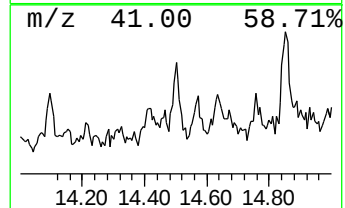
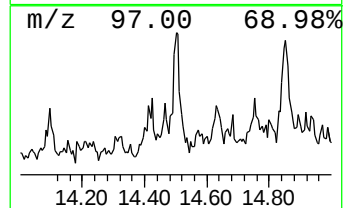
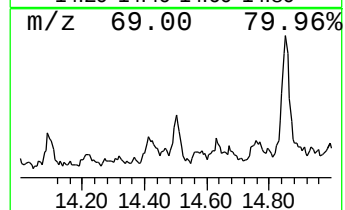
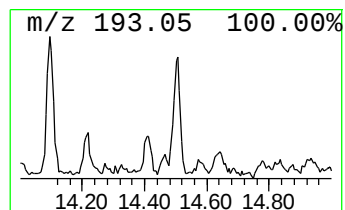
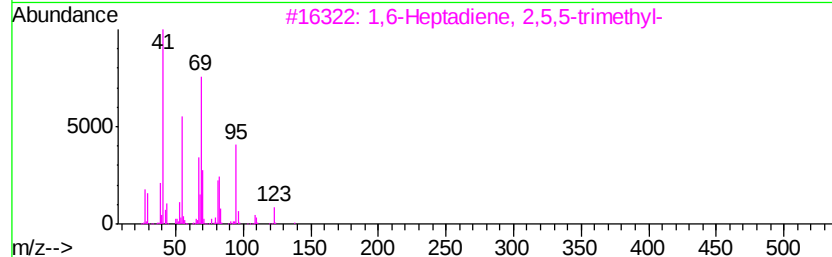
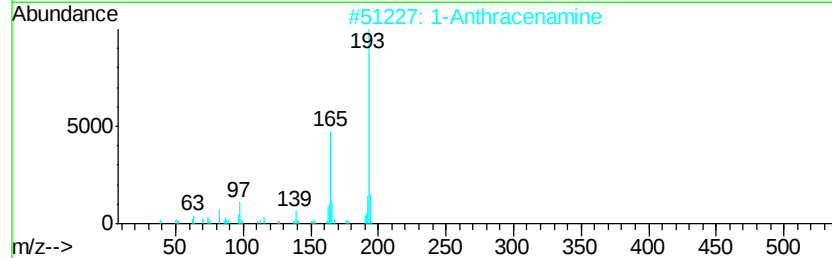
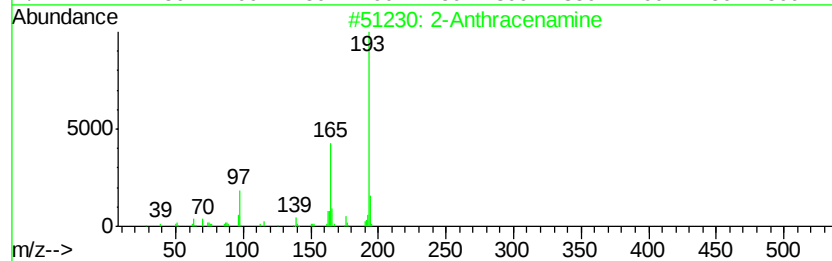
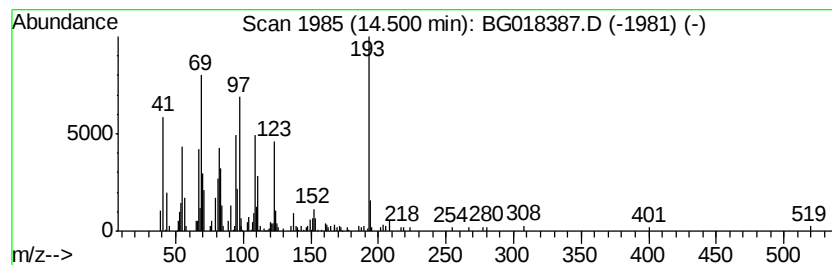
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.20 ng/ul	161921	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Anthracenamine	193	C14H11N	000613-13-8	27
2		1-Anthracenamine	193	C14H11N	000610-49-1	22
3		1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	22
4		Cyclooctanemethanol	142	C9H18O	003637-63-6	22
5		1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081115\
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Operator : UM/MA
Sample : G3136-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
1,3,7-Octatrien-5...	6.05	3.1	ng/ul	73416	1	8.04	477077	20.0
Benzene, 1,2,3-tr...	7.26	2.3	ng/ul	55106	1	8.04	477077	20.0
Benzene, 1,3,5-tr...	7.69	8.0	ng/ul	189886	1	8.04	477077	20.0
Benzene, 1,2,4-tr...	8.16	2.8	ng/ul	66799	1	8.04	477077	20.0
unknown-01	14.50	3.2	ng/ul	161921	3	14.66	1010500	20.0