

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68

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-BG122415.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	3.097	39	44	53	rBV2	39989	79479	2.57%	0.634%
2	3.173	53	57	68	rVB	29010	43263	1.40%	0.345%
3	4.213	230	234	241	rVB3	2879	4614	0.15%	0.037%
4	5.558	458	463	470	rVB	12658	18362	0.59%	0.146%
5	5.688	481	485	496	rVB	15768	34211	1.11%	0.273%
6	6.064	542	549	556	rBV5	8128	16496	0.53%	0.132%
7	7.157	730	735	740	rVB2	4054	6648	0.21%	0.053%
8	7.239	740	749	754	rBV2	15875	30806	1.00%	0.246%
9	7.286	754	757	760	rVB2	2699	3150	0.10%	0.025%
10	7.397	769	776	784	rBV	56748	95801	3.09%	0.764%
11	7.609	805	812	819	rBV	58344	102393	3.31%	0.816%
12	7.715	825	830	837	rBV	11486	17626	0.57%	0.141%
13	8.073	885	891	899	rBV	53091	90312	2.92%	0.720%
14	8.191	904	911	917	rBB3	4093	6772	0.22%	0.054%
15	8.449	947	955	961	rBB	32398	54787	1.77%	0.437%
16	8.614	977	983	992	rBB	32523	55741	1.80%	0.444%
17	8.784	1004	1012	1020	rBV	50458	86168	2.78%	0.687%
18	9.184	1074	1080	1084	rBB3	2000	3432	0.11%	0.027%
19	9.242	1084	1090	1098	rBV	73285	136955	4.42%	1.092%
20	9.560	1139	1144	1152	rVB2	3431	6423	0.21%	0.051%
21	9.971	1205	1214	1223	rBB	67736	119698	3.87%	0.954%
22	10.130	1236	1241	1246	rBB2	3658	5565	0.18%	0.044%
23	10.288	1262	1268	1278	rBB6	8255	18600	0.60%	0.148%
24	10.382	1278	1284	1291	rBV3	3524	9144	0.30%	0.073%
25	10.511	1299	1306	1318	rBV	98897	182358	5.89%	1.454%
26	10.893	1362	1371	1374	rBV	75637	138423	4.47%	1.104%
27	10.952	1374	1381	1393	rVV	1610223	3095674	100.00%	24.682%
28	11.064	1393	1400	1408	rVB	58732	106935	3.45%	0.853%
29	11.716	1505	1511	1518	rBB4	14714	26523	0.86%	0.211%
30	12.439	1629	1634	1645	rBV4	5960	12253	0.40%	0.098%
31	12.544	1645	1652	1666	rVB	364888	589581	19.05%	4.701%
32	12.662	1666	1672	1677	rBV	7360	12839	0.41%	0.102%
33	12.762	1677	1689	1701	rVB	188241	313758	10.14%	2.502%
34	13.543	1816	1822	1829	rBV	83745	124584	4.02%	0.993%

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35	13.737	1849	1855	1866	rVB	15933	29066	0.94%	0.232%
36	13.878	1871	1879	1886	rBB4	13594	35562	1.15%	0.284%
37	14.031	1898	1905	1910	rBV2	22663	41145	1.33%	0.328%
38	14.107	1910	1918	1925	rVB	229432	346690	11.20%	2.764%
39	14.266	1940	1945	1948	rBV2	9307	14071	0.45%	0.112%
40	14.289	1948	1949	1955	rVB2	3548	4363	0.14%	0.035%
41	14.401	1961	1968	1982	rBV	232283	408078	13.18%	3.254%
42	14.677	2010	2015	2016	rBV	11965	15087	0.49%	0.120%
43	14.712	2016	2021	2026	rVV2	137779	227040	7.33%	1.810%
44	14.771	2026	2031	2039	rVB	361493	568023	18.35%	4.529%
45	14.842	2039	2043	2047	rVB3	5179	6911	0.22%	0.055%
46	14.912	2047	2055	2063	rBV3	14150	32433	1.05%	0.259%
47	14.983	2063	2067	2068	rBV2	6777	7944	0.26%	0.063%
48	15.106	2082	2088	2097	rBV	174379	271455	8.77%	2.164%
49	15.188	2097	2102	2109	rVB2	14941	22584	0.73%	0.180%
50	15.699	2179	2189	2194	rBV	328948	508439	16.42%	4.054%
51	15.752	2194	2198	2204	rVV	201646	304517	9.84%	2.428%
52	15.817	2204	2209	2216	rVV	96871	138710	4.48%	1.106%
53	15.876	2216	2219	2222	rBV2	4701	6239	0.20%	0.050%
54	15.917	2222	2226	2229	rVV3	6089	8122	0.26%	0.065%
55	16.005	2238	2241	2244	rVV3	3131	4437	0.14%	0.035%
56	16.040	2244	2247	2252	rVB	5200	7288	0.24%	0.058%
57	16.199	2265	2274	2282	rVB5	4955	12724	0.41%	0.101%
58	16.422	2307	2312	2320	rVB3	13005	21478	0.69%	0.171%
59	16.546	2328	2333	2337	rBV2	5885	8655	0.28%	0.069%
60	16.710	2357	2361	2366	rBV3	4937	7784	0.25%	0.062%
61	16.751	2366	2368	2374	rVB3	2550	3578	0.12%	0.029%
62	17.074	2418	2423	2426	rBV	6143	8308	0.27%	0.066%
63	17.239	2447	2451	2453	rBV	2889	3981	0.13%	0.032%
64	17.274	2453	2457	2467	rVB	21003	30851	1.00%	0.246%
65	17.368	2467	2473	2478	rBV5	3440	5693	0.18%	0.045%
66	17.456	2481	2488	2491	rBV2	203228	319171	10.31%	2.545%
67	17.497	2491	2495	2500	rVV	274896	403976	13.05%	3.221%
68	17.550	2500	2504	2516	rVB2	378018	595284	19.23%	4.746%
69	17.862	2552	2557	2562	rVV	18090	26738	0.86%	0.213%
70	17.956	2565	2573	2578	rBV2	7715	11917	0.38%	0.095%
71	18.014	2578	2583	2588	rVV	3728	5814	0.19%	0.046%

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72	18.296	2626	2631	2635	rBV3	4493	8217	0.27%	0.066%
73	18.379	2640	2645	2646	rBV3	5125	6980	0.23%	0.056%
74	18.402	2646	2649	2653	rVV3	7666	9963	0.32%	0.079%
75	18.449	2653	2657	2665	rVB	5960	9784	0.32%	0.078%
76	18.526	2665	2670	2675	rBV2	8687	13886	0.45%	0.111%
77	18.866	2723	2728	2733	rBV3	3937	6122	0.20%	0.049%
78	19.471	2826	2831	2832	rBV	4577	5492	0.18%	0.044%
79	19.501	2832	2836	2842	rVB	16872	24332	0.79%	0.194%
80	19.724	2868	2874	2878	rBV	3597	5895	0.19%	0.047%
81	19.836	2885	2893	2905	rBV	531256	757591	24.47%	6.040%
82	21.340	3146	3149	3153	rBV2	3062	3559	0.11%	0.028%
83	21.728	3208	3215	3224	rBV	253686	420886	13.60%	3.356%
84	24.759	3721	3731	3743	rBV	270077	730216	23.59%	5.822%
85	24.989	3759	3770	3785	rVB2	140915	404609	13.07%	3.226%
86	26.099	3957	3959	3967	rVB9	4051	7519	0.24%	0.060%
87	27.462	4188	4191	4192	rBV3	3392	3755	0.12%	0.030%

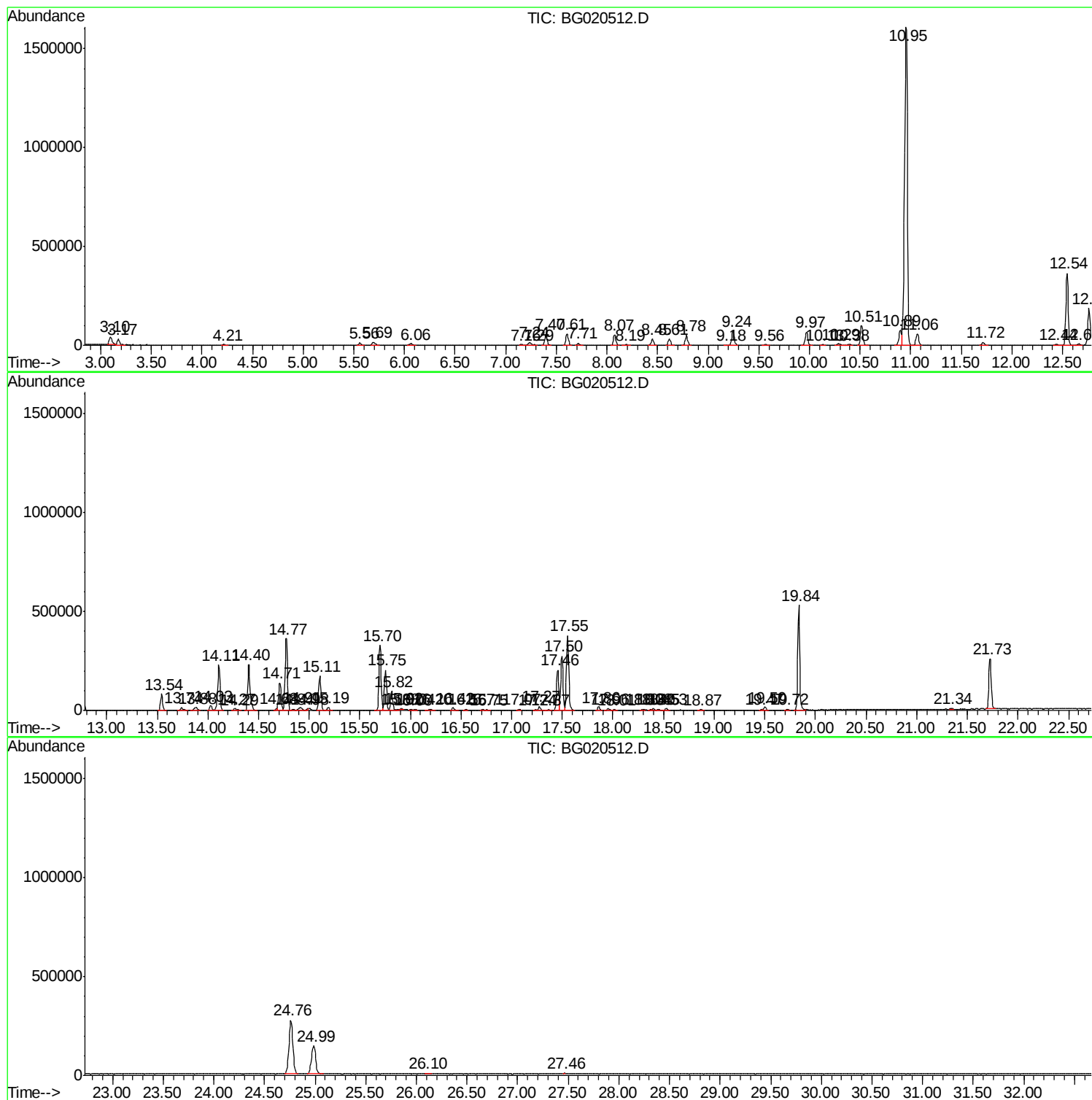
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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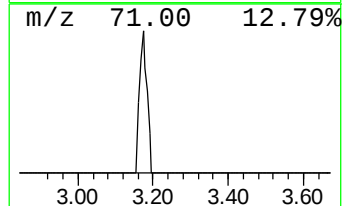
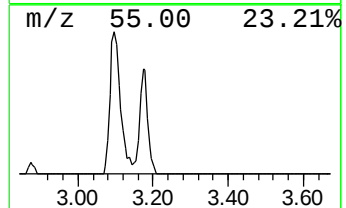
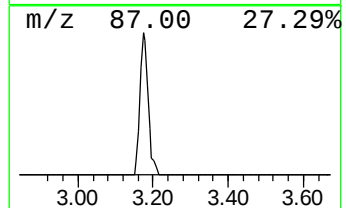
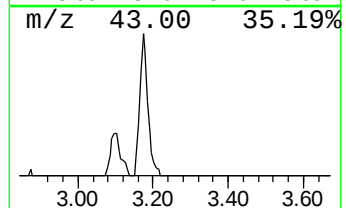
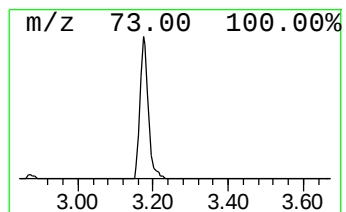
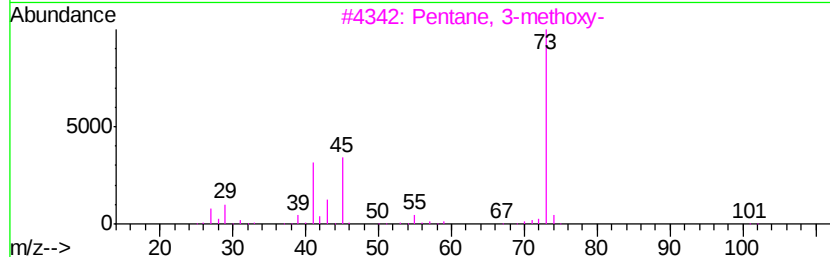
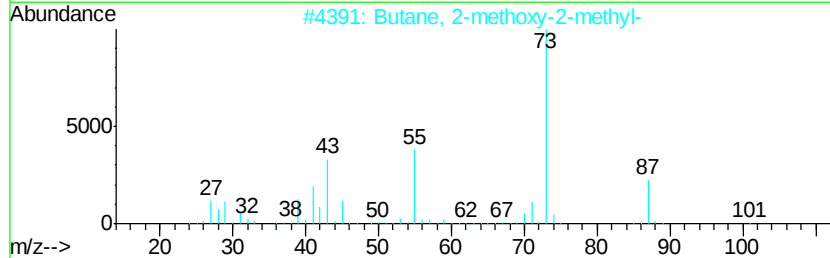
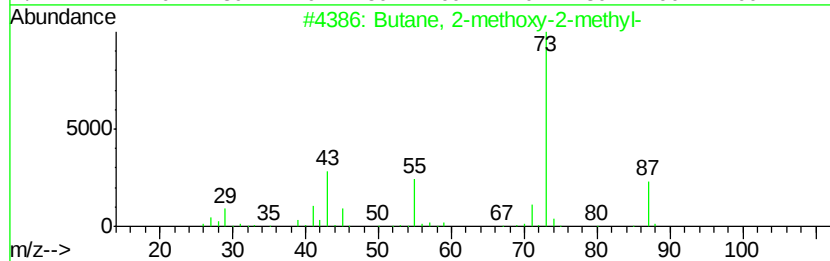
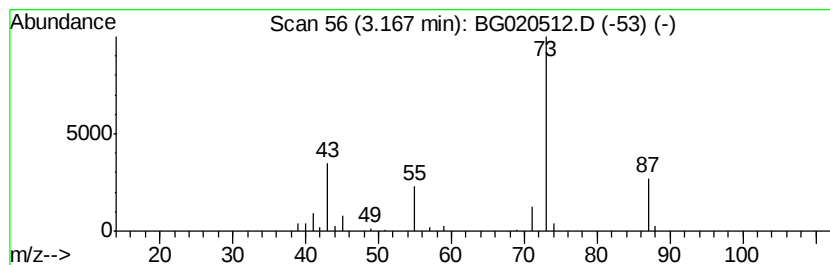
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	9.58 ng/ul	43263	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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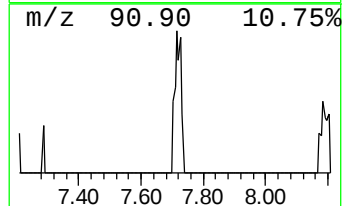
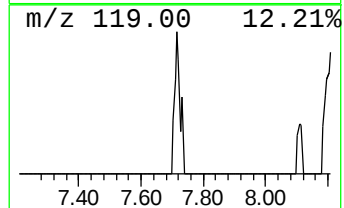
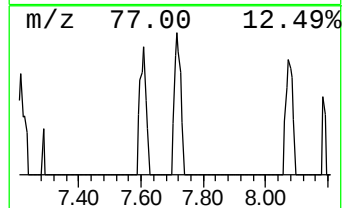
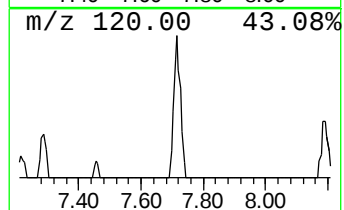
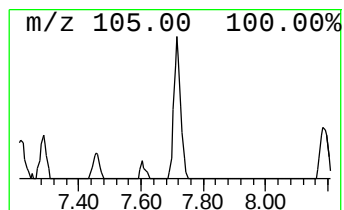
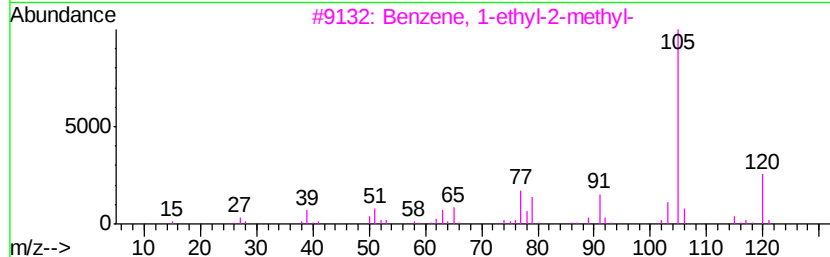
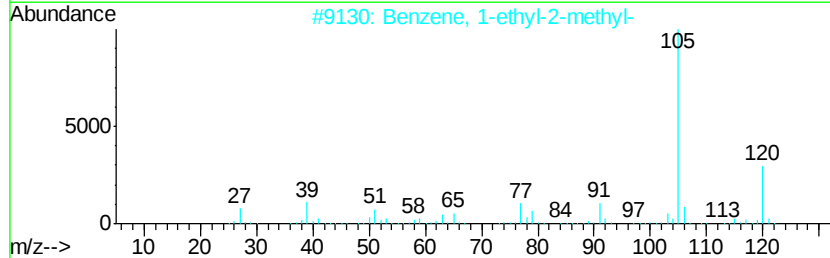
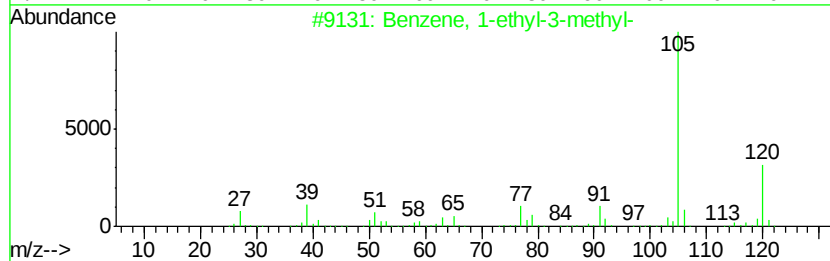
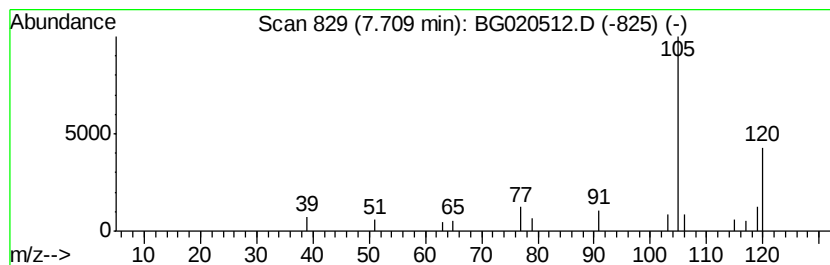
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	3.90 ng/ul	17626	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72



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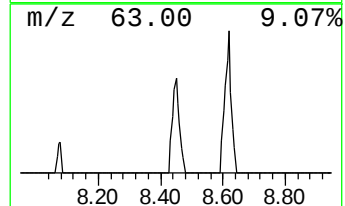
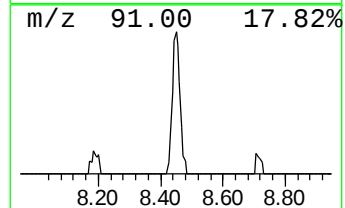
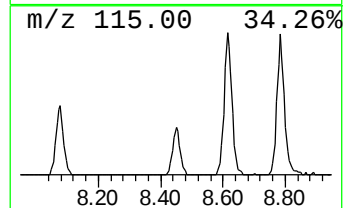
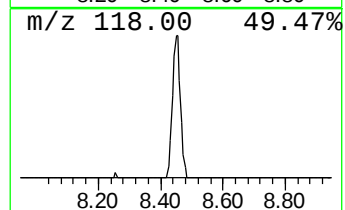
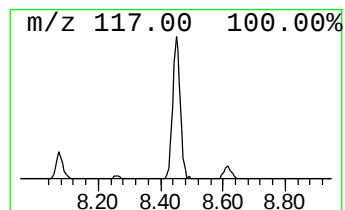
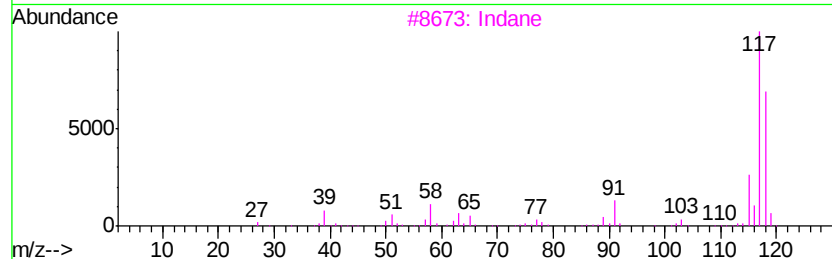
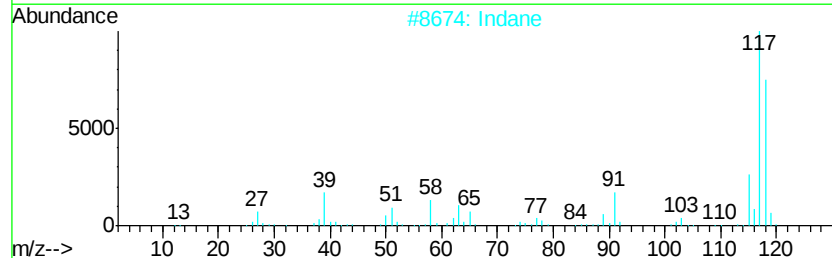
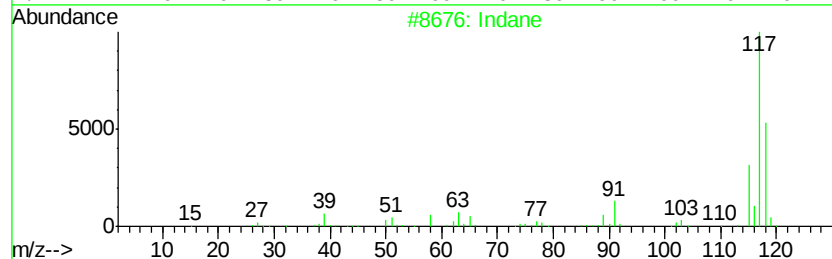
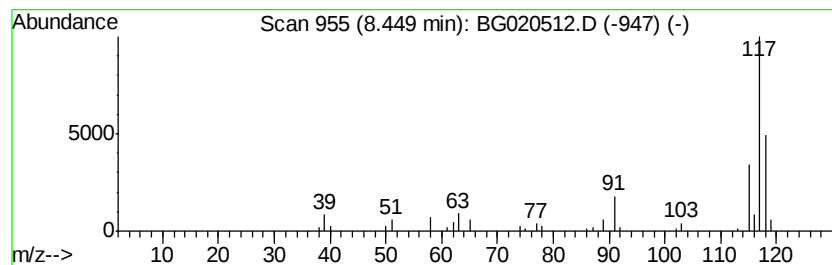
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.13 ng/ul	54787	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	90
2	Indane		118	C9H10	000496-11-7	90
3	Indane		118	C9H10	000496-11-7	81
4	Deltacyclene		118	C9H10	007785-10-6	68
5	Indane		118	C9H10	000496-11-7	60



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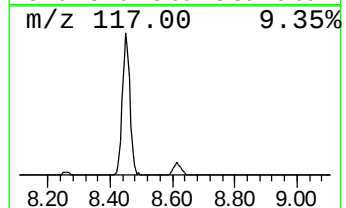
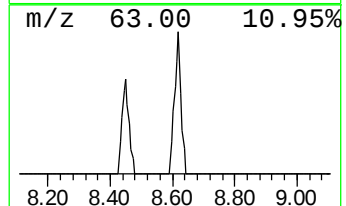
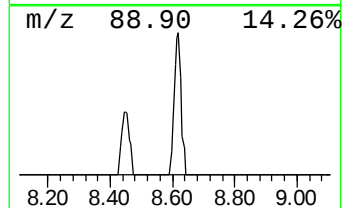
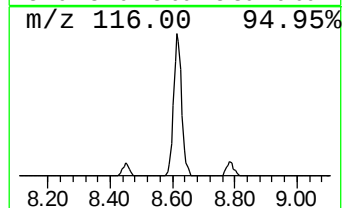
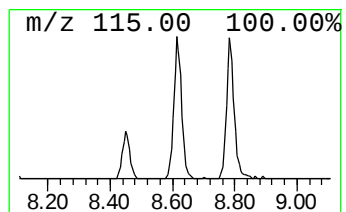
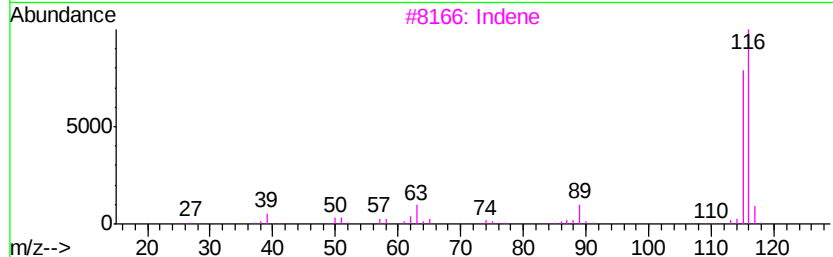
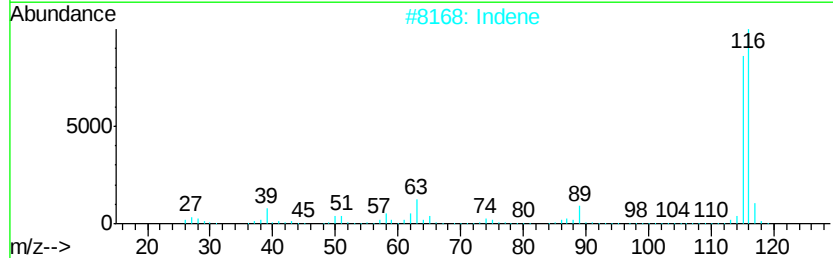
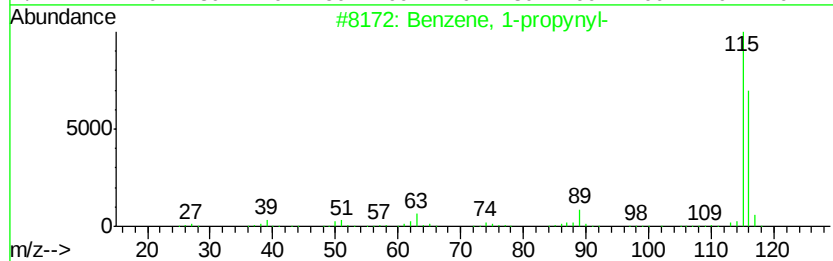
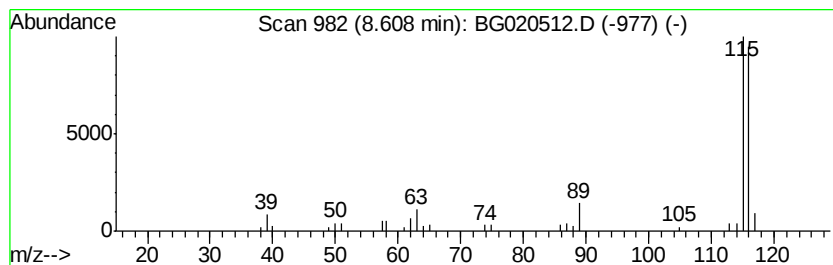
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	12.34 ng/ul	55741	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2		Indene	116	C9H8	000095-13-6	95
3		Indene	116	C9H8	000095-13-6	95
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N68

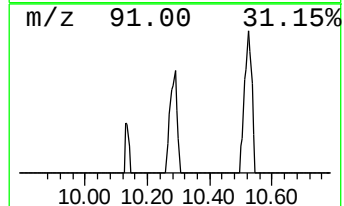
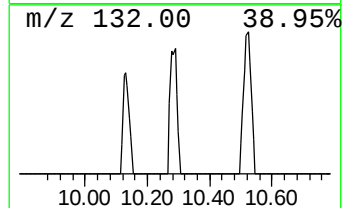
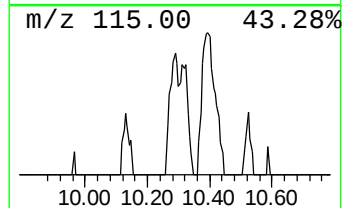
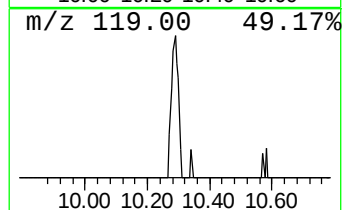
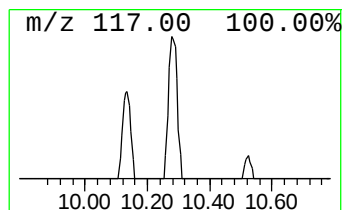
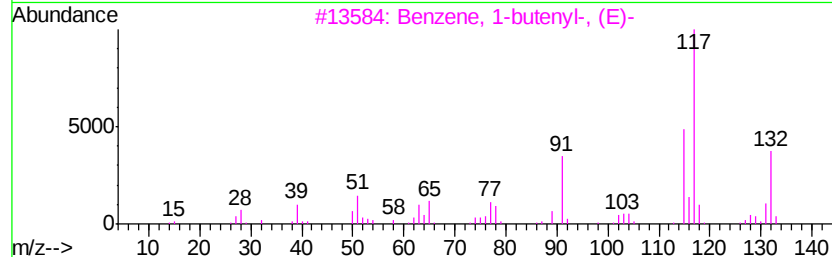
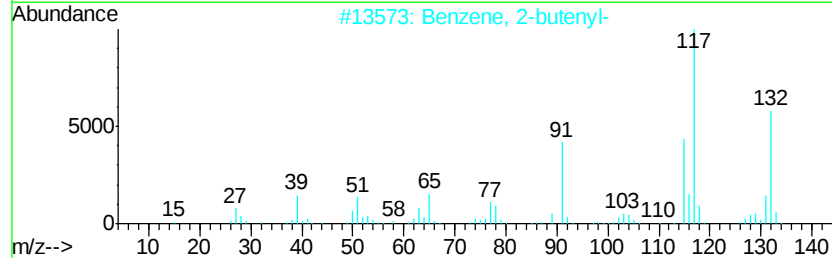
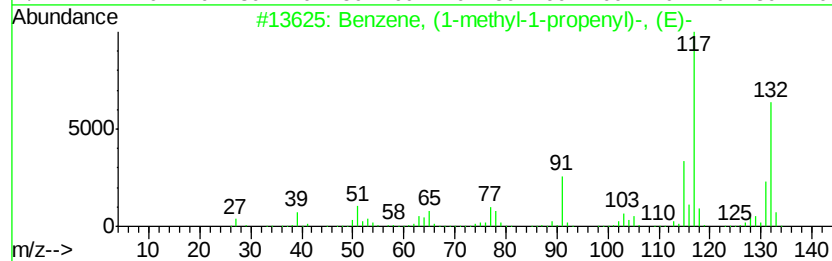
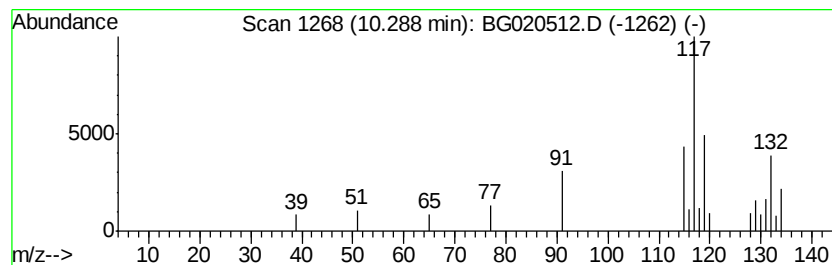
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzene, (1-methyl-1-propen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.69 ng/ul	18600	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	64
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	58
3		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	52
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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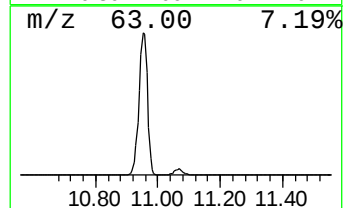
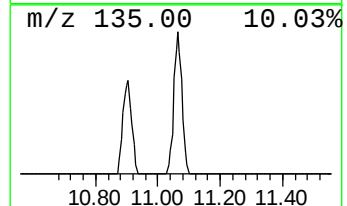
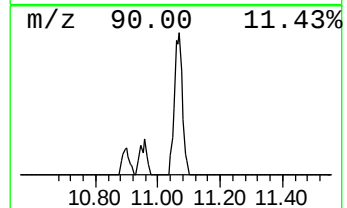
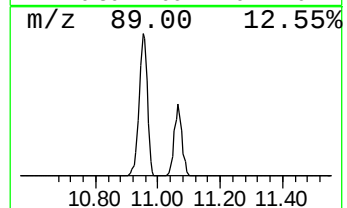
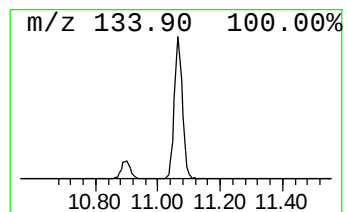
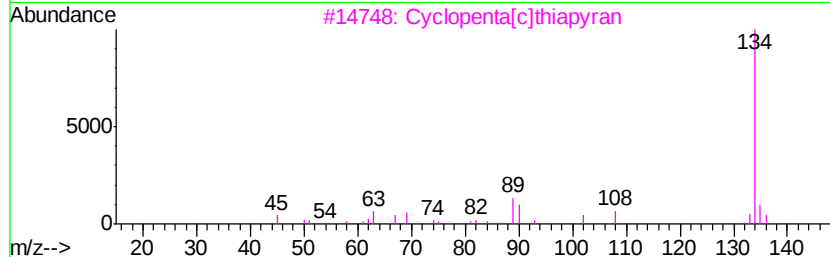
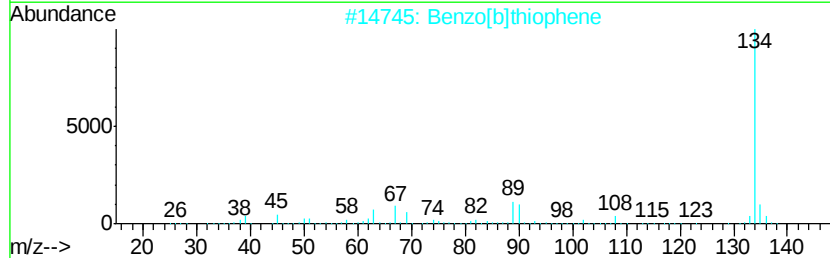
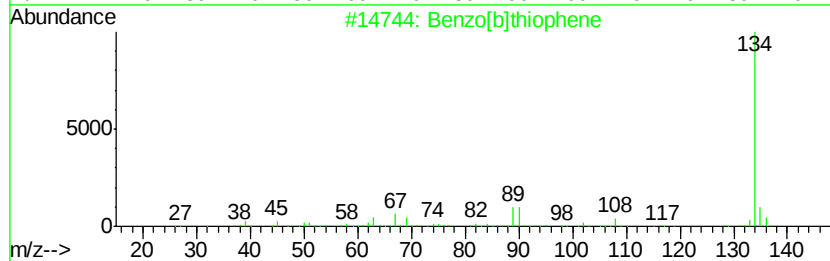
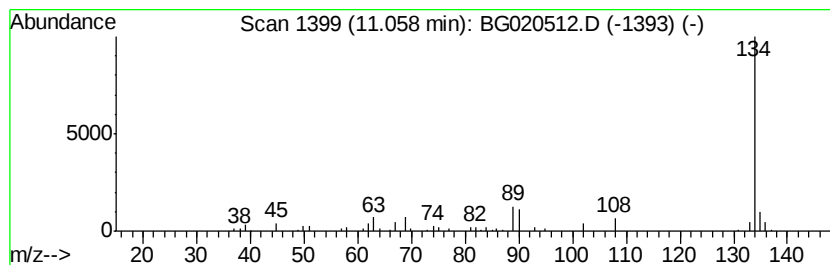
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzo[b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	15.45 ng/ul	106935	Napthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	93
5		2-Benzothiophene #	134	C8H6S	000270-82-6	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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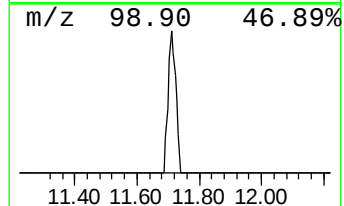
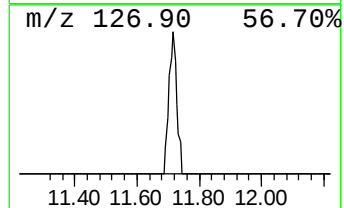
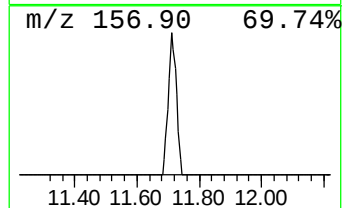
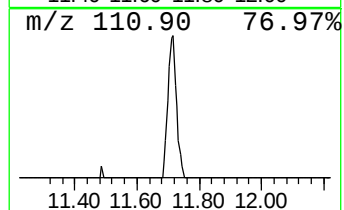
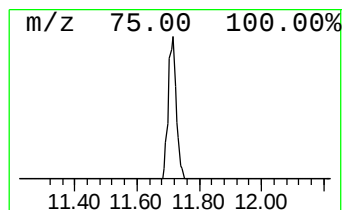
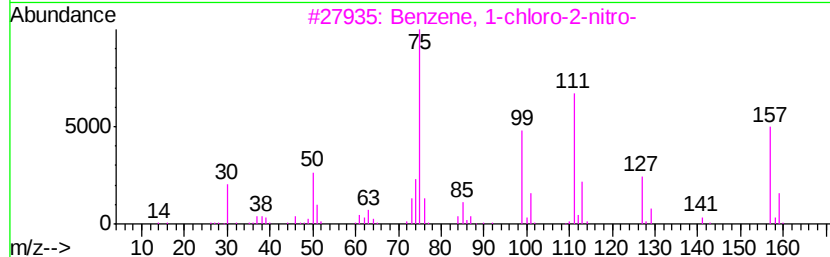
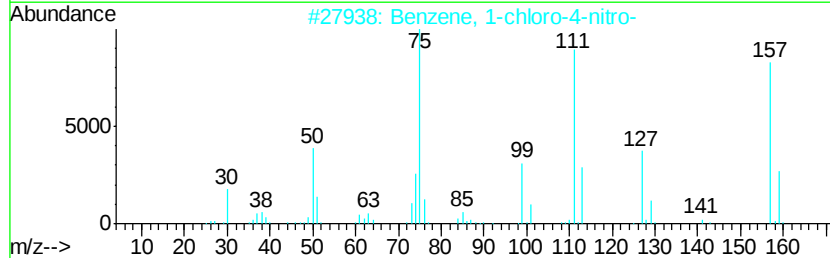
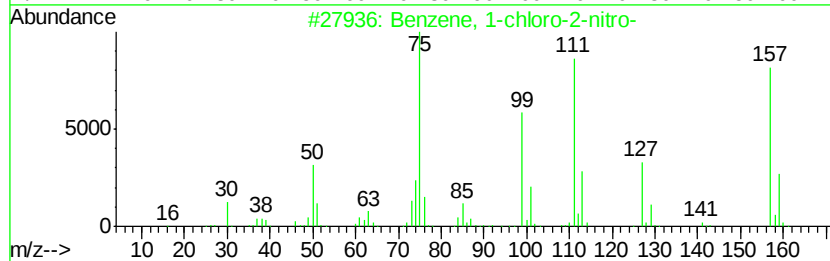
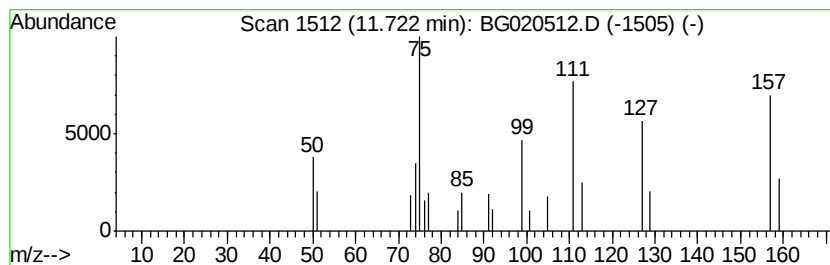
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benzene, 1-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.83 ng/ul	26523	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
2		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
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Instrument :
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ClientSampleId :
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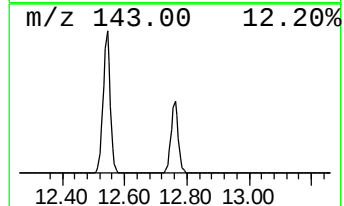
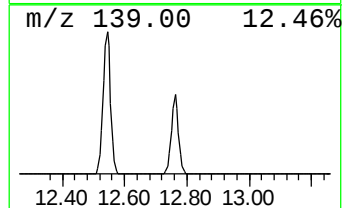
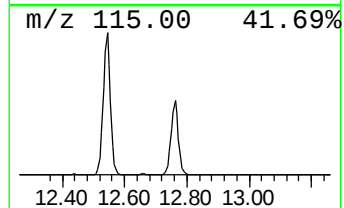
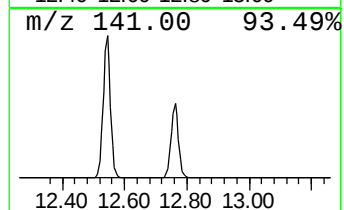
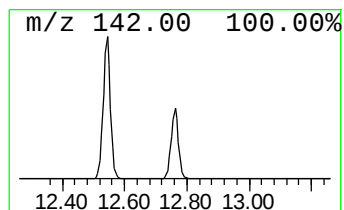
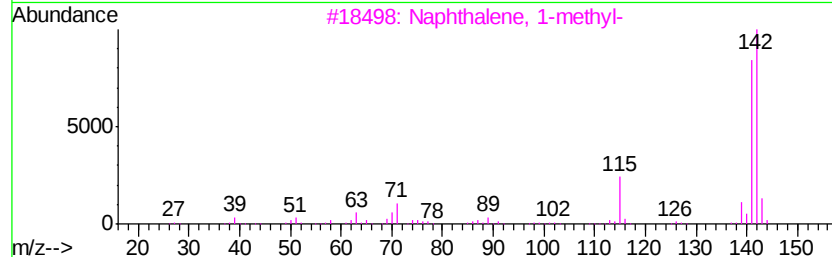
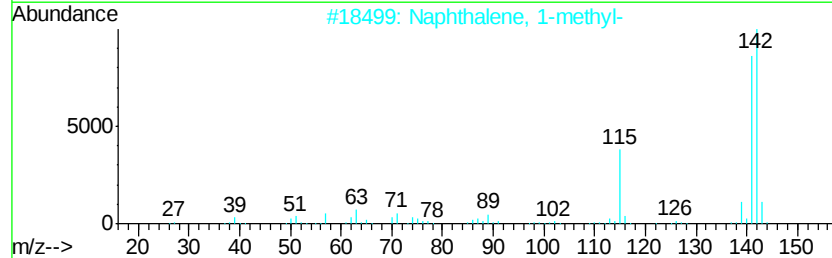
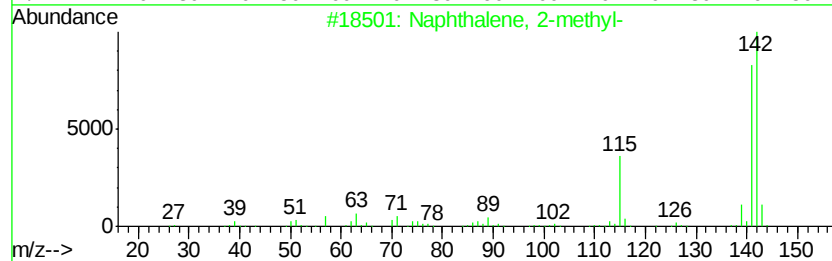
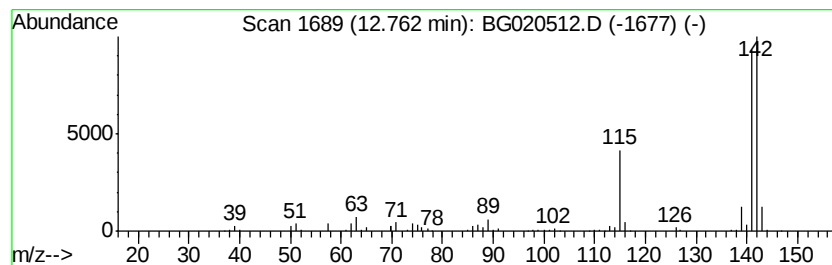
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	45.33 ng/ul	313758	Naphthalene-d8	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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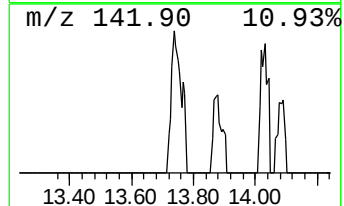
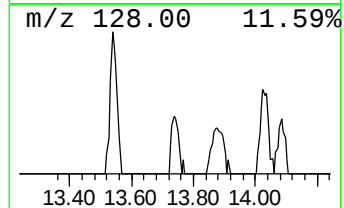
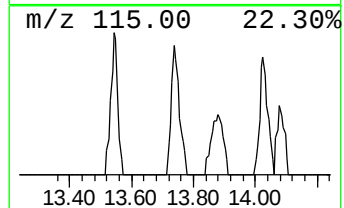
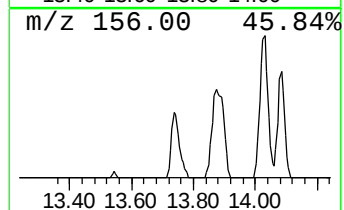
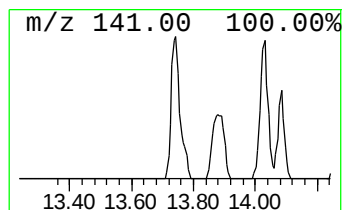
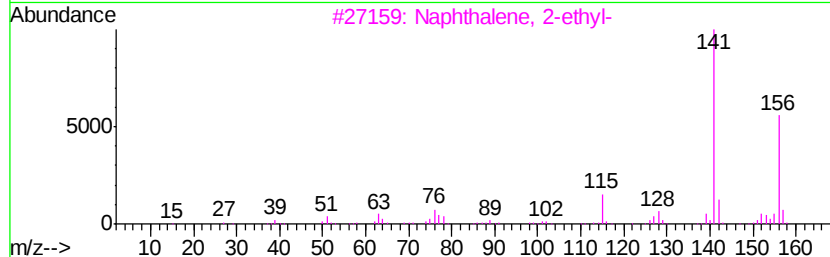
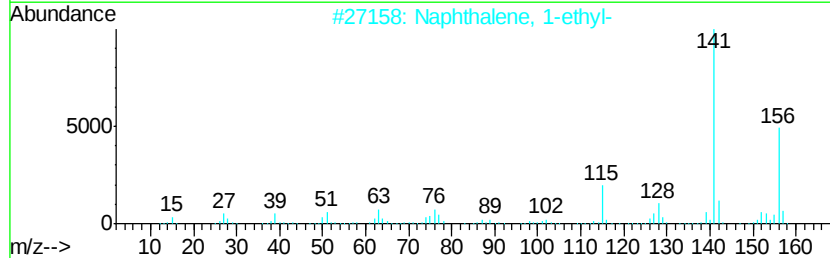
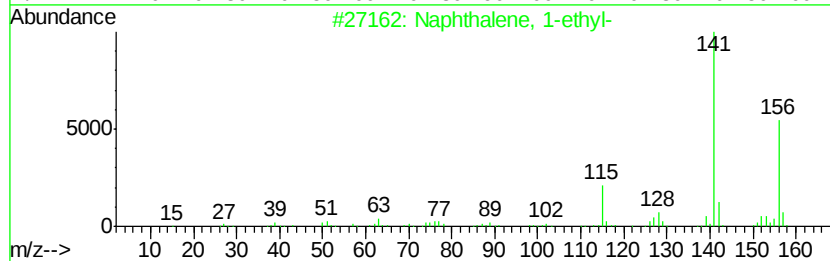
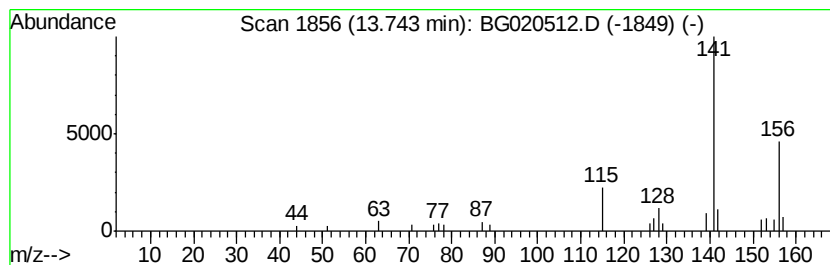
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.56 ng/ul	29066	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

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ClientSampleId :
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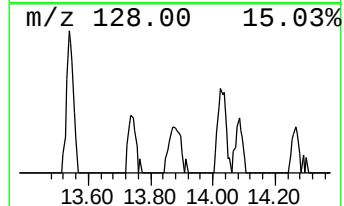
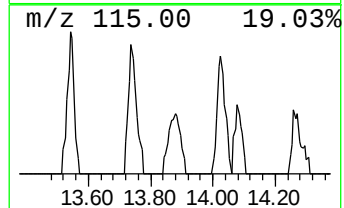
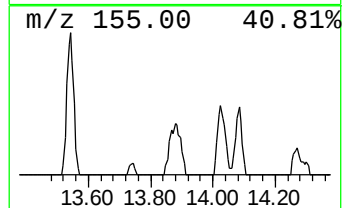
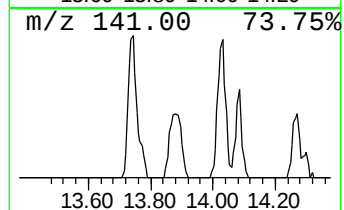
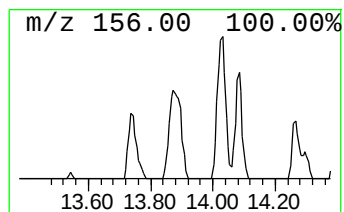
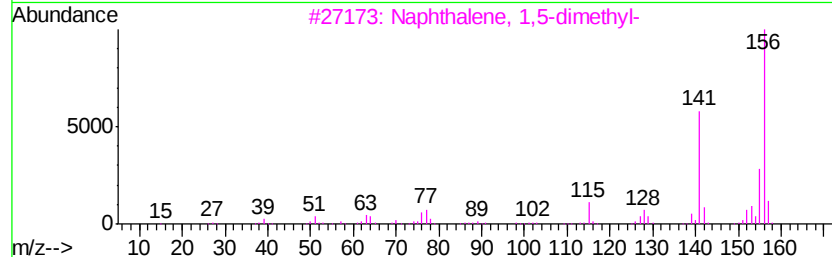
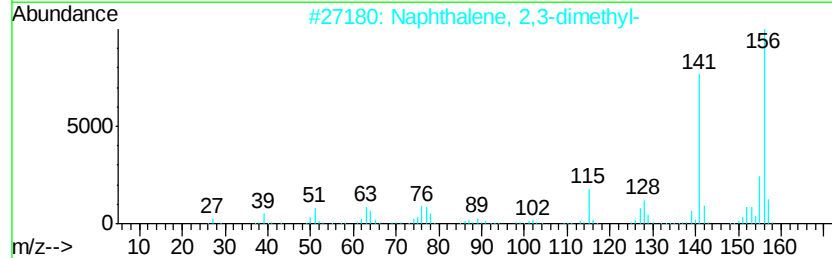
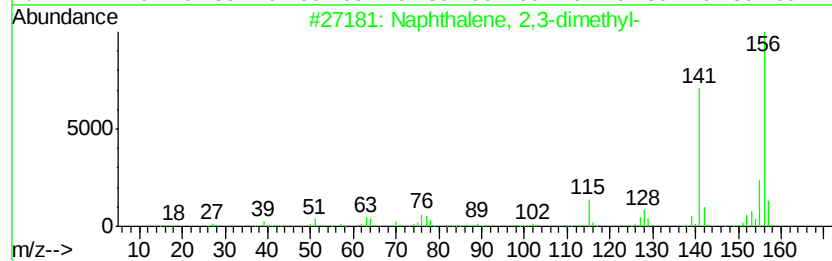
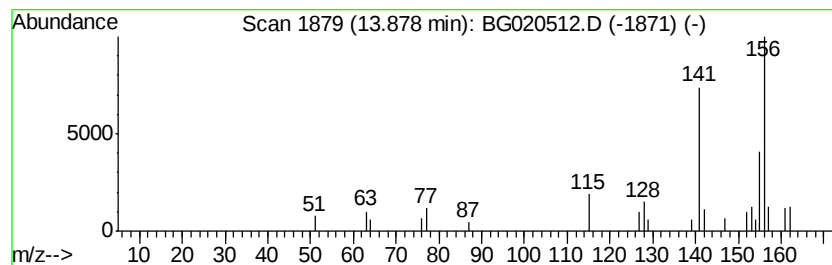
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.13 ng/ul	35562	Acenaphthene-d10	14.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N68

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.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...	3.17	9.6	ng/ul	43263	1	8.08	90312	20.0
Benzene, 1-ethyl-...	7.71	3.9	ng/ul	17626	1	8.08	90312	20.0
Indane	8.45	12.1	ng/ul	54787	1	8.08	90312	20.0
Benzene, 1-propynyl-	8.61	12.3	ng/ul	55741	1	8.08	90312	20.0
Benzene, (1-methy...	10.29	2.7	ng/ul	18600	2	10.89	138423	20.0
Benzo[b]thiophene	11.06	15.4	ng/ul	106935	2	10.89	138423	20.0
Benzene, 1-chloro...	11.72	3.8	ng/ul	26523	2	10.89	138423	20.0
Naphthalene, 1-me...	12.76	45.3	ng/ul	313758	2	10.89	138423	20.0
Naphthalene, 1-et...	13.74	2.6	ng/ul	29066	3	14.71	227040	20.0
Naphthalene, 2,3-...	13.88	3.1	ng/ul	35562	3	14.71	227040	20.0