

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017022.D
 Acq On : 10 May 2015 12:34
 Operator : TP/IZ
 Sample : G2104-12
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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\8270-BG050515.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.911	34	38	47	rBV	278799	433061	9.01%	1.323%
2	2.988	47	51	64	rVB	601435	725532	15.10%	2.216%
3	4.909	371	378	383	rBV	49812	70589	1.47%	0.216%
4	5.379	452	458	466	rBV	596750	839617	17.47%	2.565%
5	6.478	638	645	651	rBV2	129029	196761	4.09%	0.601%
6	6.971	719	729	740	rBV	458887	759628	15.81%	2.320%
7	7.324	783	789	797	rVV	1127543	1782123	37.09%	5.443%
8	7.788	860	868	876	rBV2	228833	362678	7.55%	1.108%
9	7.923	884	891	897	rBV	81486	126118	2.62%	0.385%
10	8.005	900	905	912	rVB2	50838	80999	1.69%	0.247%
11	8.111	915	923	929	rBV	874379	1424147	29.64%	4.350%
12	8.945	1052	1065	1073	rBV	890080	1554047	32.34%	4.747%
13	9.028	1073	1079	1086	rVB2	43995	73728	1.53%	0.225%
14	9.498	1151	1159	1165	rVB7	30106	54285	1.13%	0.166%
15	9.991	1238	1243	1250	rVB3	96795	172232	3.58%	0.526%
16	10.356	1299	1305	1311	rBV3	34950	62850	1.31%	0.192%
17	10.579	1336	1343	1347	rBV	348253	575778	11.98%	1.759%
18	10.632	1347	1352	1360	rVB	893898	1494917	31.11%	4.566%
19	12.242	1616	1626	1634	rBV	240463	385073	8.01%	1.176%
20	12.465	1655	1664	1671	rBV	142634	240399	5.00%	0.734%
21	12.782	1711	1718	1726	rBV2	31879	60507	1.26%	0.185%
22	13.047	1754	1763	1771	rBV	2245826	3416128	71.09%	10.434%
23	13.258	1794	1799	1804	rVB2	65056	95766	1.99%	0.293%
24	13.452	1826	1832	1838	rBV	28315	50479	1.05%	0.154%
25	13.581	1849	1854	1857	rBV4	35135	62560	1.30%	0.191%
26	13.746	1876	1882	1886	rBV2	70348	119870	2.49%	0.366%
27	13.799	1887	1891	1900	rVV3	43269	67172	1.40%	0.205%
28	13.881	1900	1905	1910	rVB	40873	52638	1.10%	0.161%
29	13.981	1918	1922	1926	rBV2	35260	48822	1.02%	0.149%
30	14.427	1987	1998	2004	rBV2	541167	901621	18.76%	2.754%
31	14.492	2004	2009	2016	rVB	284538	432986	9.01%	1.323%
32	14.821	2060	2065	2073	rVB	211421	312253	6.50%	0.954%
33	15.473	2171	2176	2181	rVB	286617	385927	8.03%	1.179%
34	15.638	2200	2204	2208	rVB6	33629	52565	1.09%	0.161%

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35	15.784	2222	2229	2236	rVB2	72606	165178	3.44%	0.505%
36	15.914	2245	2251	2259	rBV	2263803	3250777	67.65%	9.929%
37	16.266	2303	2311	2314	rBV10	24657	52992	1.10%	0.162%
38	16.742	2390	2392	2402	rVB10	28185	55910	1.16%	0.171%
39	16.989	2430	2434	2445	rVB	59180	104595	2.18%	0.319%
40	17.171	2459	2465	2468	rBV2	713302	1024066	21.31%	3.128%
41	17.212	2468	2472	2477	rVV	616484	830904	17.29%	2.538%
42	17.271	2478	2482	2484	rVV5	35685	51200	1.07%	0.156%
43	17.300	2484	2487	2492	rVB	63335	85462	1.78%	0.261%
44	17.359	2493	2497	2502	rVB5	37668	55330	1.15%	0.169%
45	17.577	2530	2534	2540	rVB	73562	94031	1.96%	0.287%
46	18.070	2611	2618	2627	rBV5	192192	363710	7.57%	1.111%
47	19.233	2812	2816	2820	rVB	119547	159401	3.32%	0.487%
48	19.345	2831	2835	2843	rBV2	129338	197363	4.11%	0.603%
49	19.586	2874	2876	2881	rVB	56104	76577	1.59%	0.234%
50	19.797	2906	2912	2917	rBV	3833917	4805199	100.00%	14.677%
51	20.420	3014	3018	3024	rVB8	69677	95982	2.00%	0.293%
52	20.596	3045	3048	3056	rVB7	81667	109848	2.29%	0.336%
53	20.867	3090	3094	3099	rBV3	184649	289070	6.02%	0.883%
54	20.914	3099	3102	3109	rVB8	108371	152588	3.18%	0.466%
55	21.037	3119	3123	3136	rVB2	507067	859416	17.89%	2.625%
56	21.290	3162	3166	3171	rBV3	194946	267740	5.57%	0.818%
57	21.343	3171	3175	3181	rVB	832321	1045485	21.76%	3.193%
58	21.936	3274	3276	3284	rVB7	37538	61751	1.29%	0.189%
59	23.640	3559	3566	3575	rBV2	505944	1010441	21.03%	3.086%

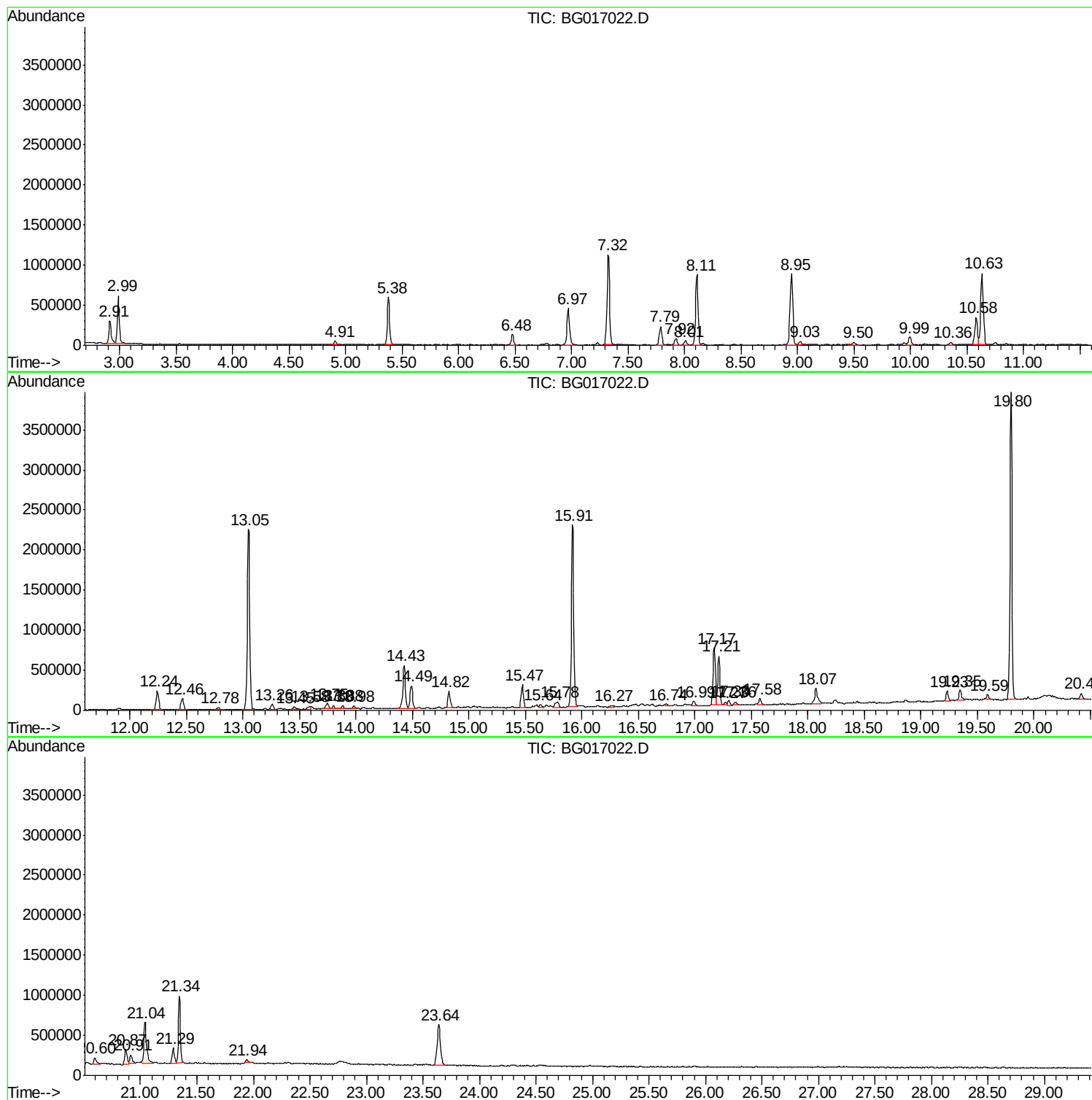
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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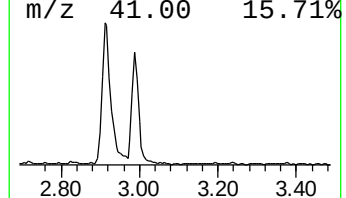
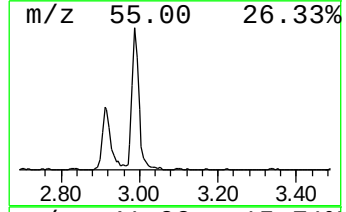
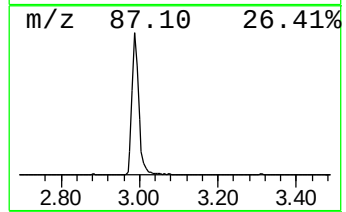
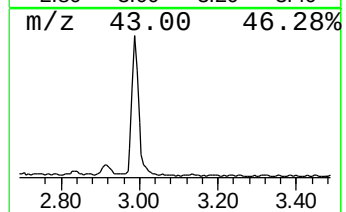
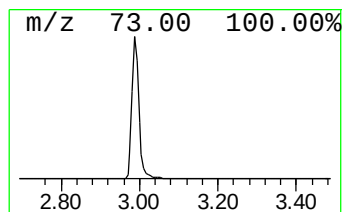
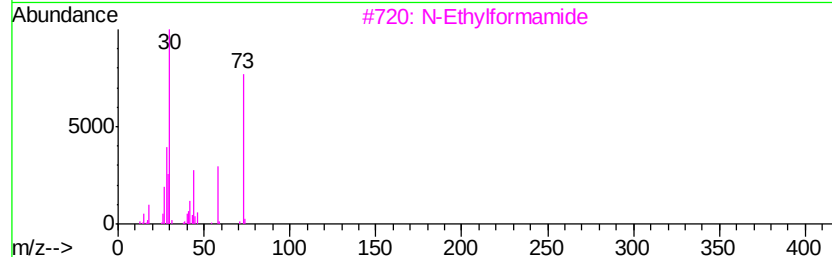
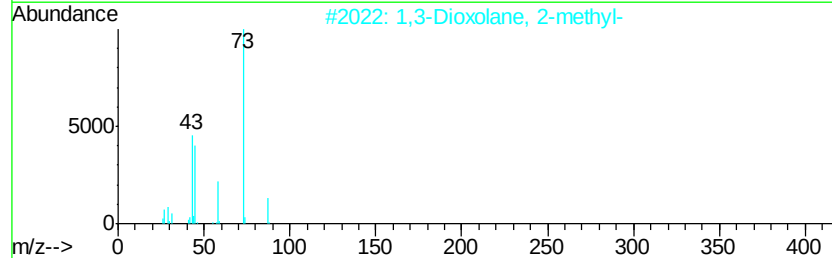
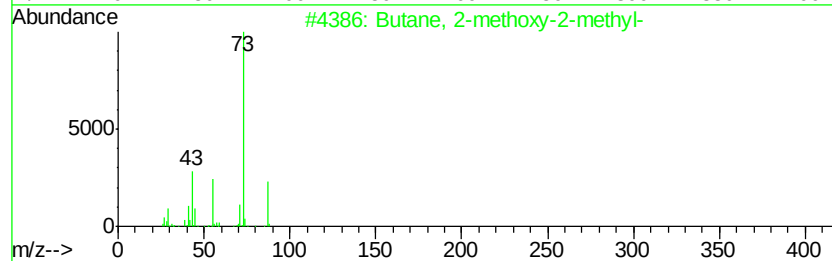
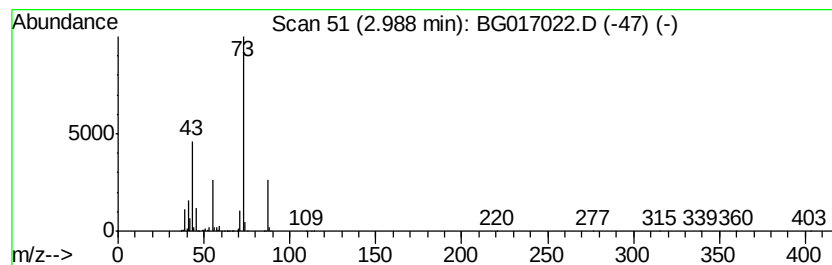
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	40.01 ng	725532	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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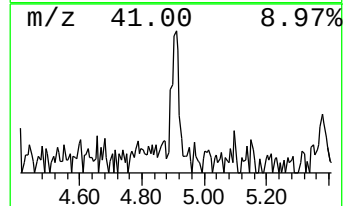
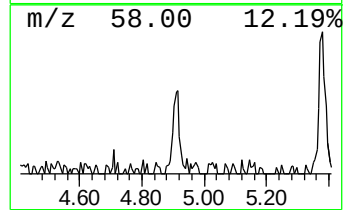
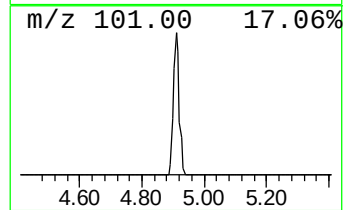
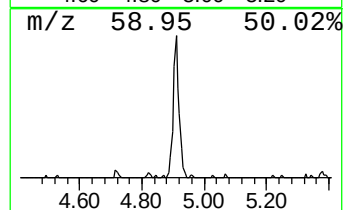
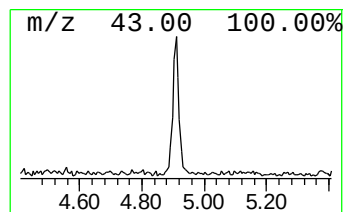
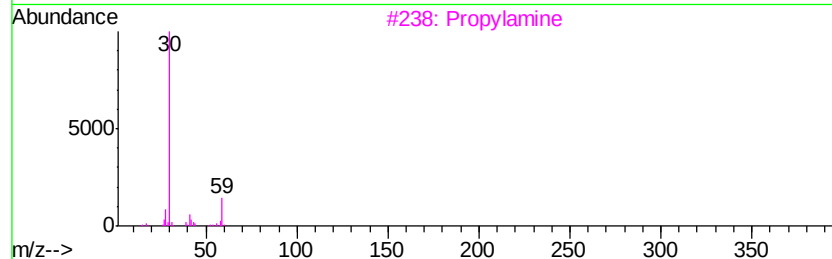
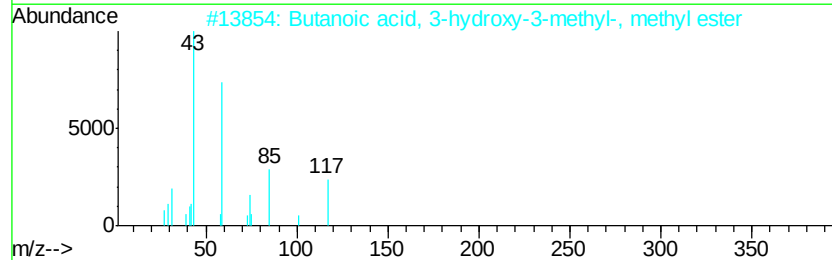
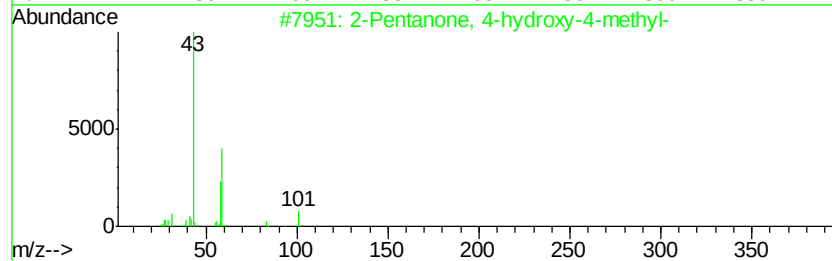
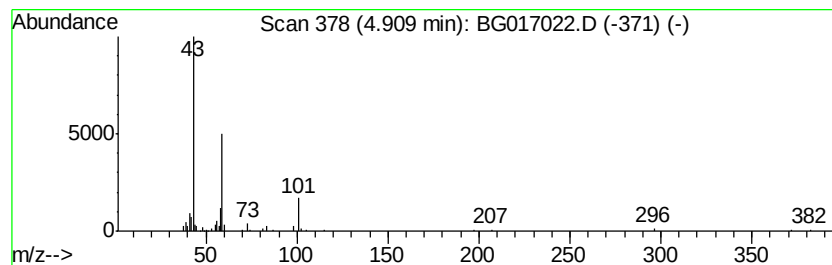
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.89 ng	70589	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Butanoic acid, 3-hydroxy-3-methyl...	132	C6H12O3	006149-45-7	38
3			Propylamine	59	C3H9N	000107-10-8	37
4			Diacetamide	101	C4H7NO2	000625-77-4	36
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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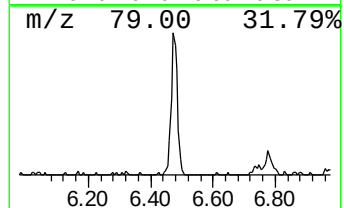
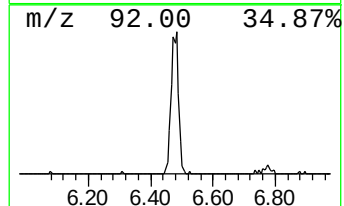
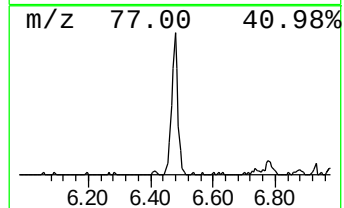
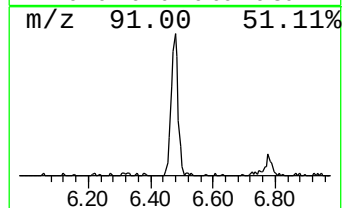
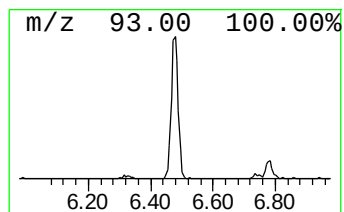
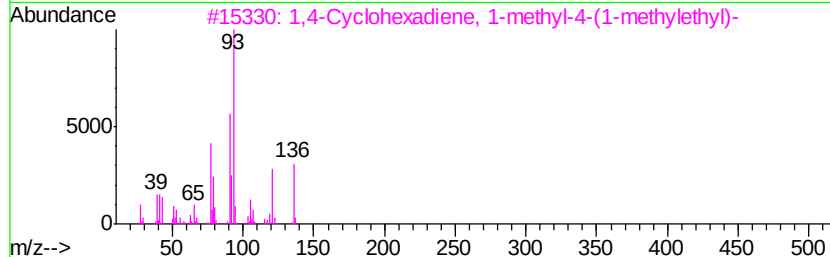
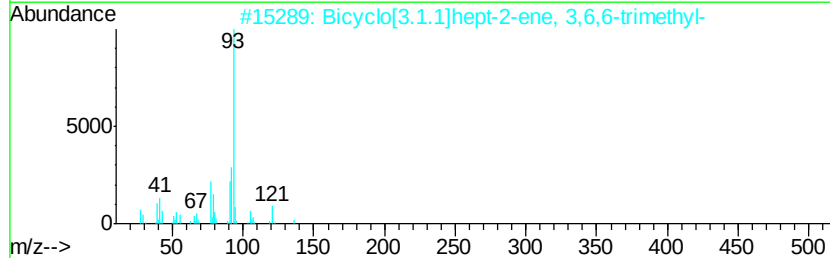
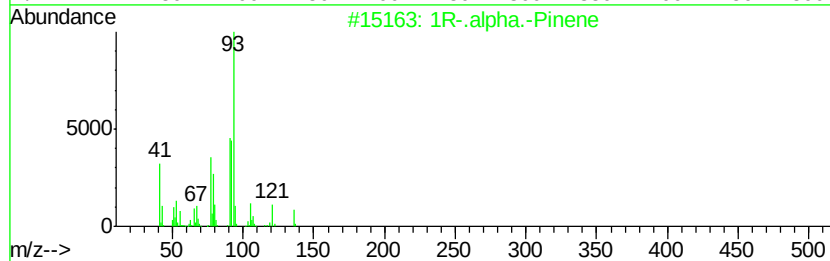
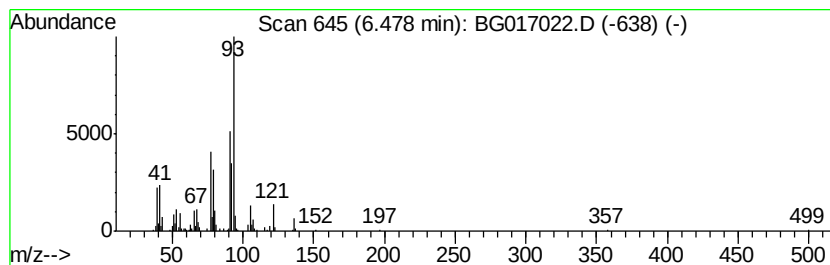
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1R-.alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	10.85 ng	196761	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	93
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3		1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	90
4		3-Carene	136	C10H16	013466-78-9	90
5		Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	87



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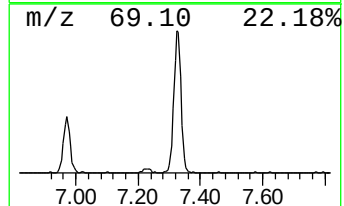
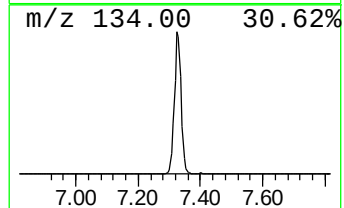
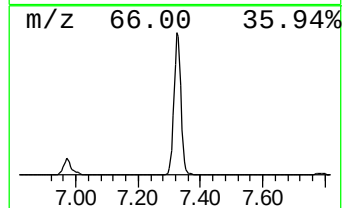
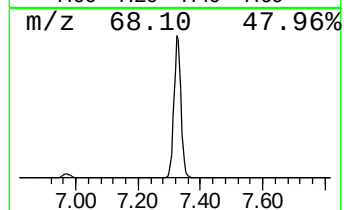
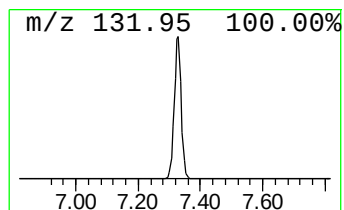
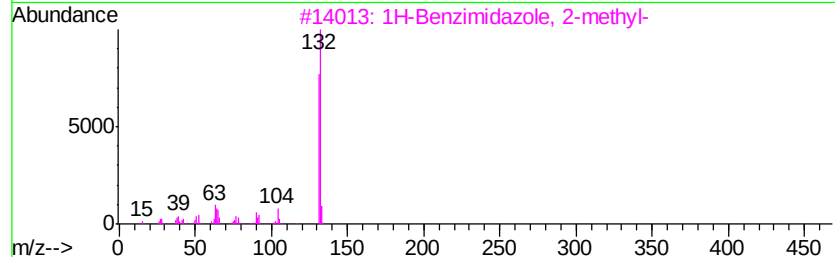
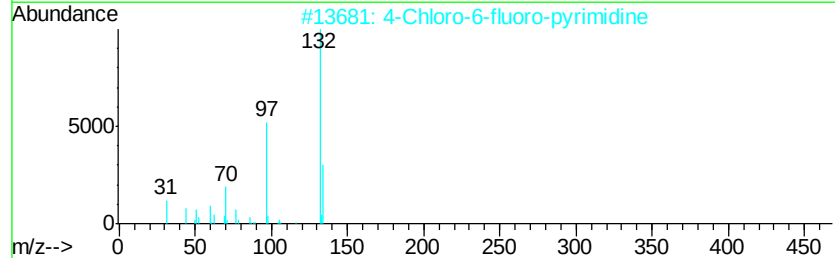
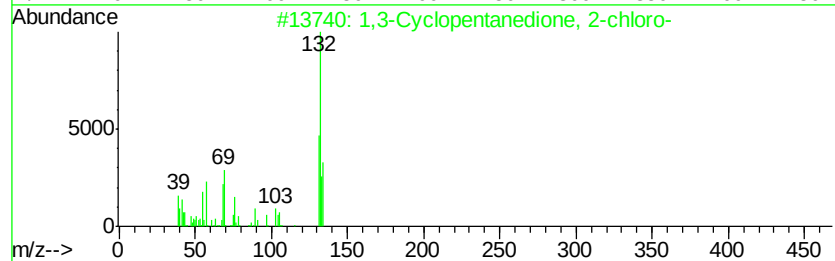
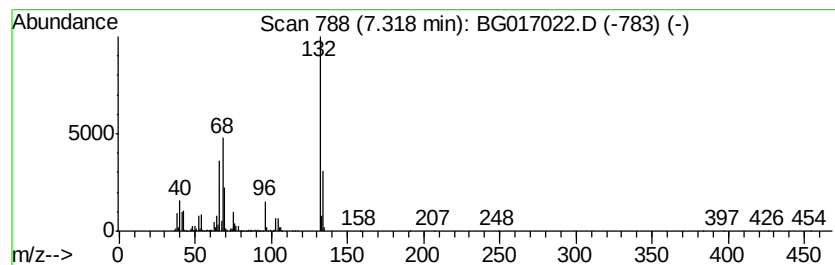
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	98.28 ng	1782120	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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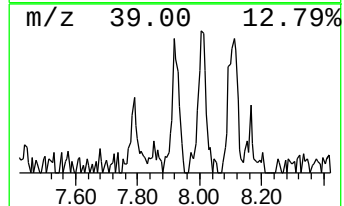
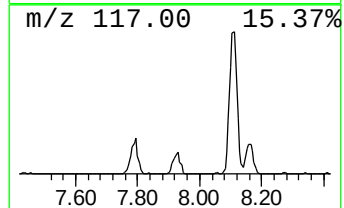
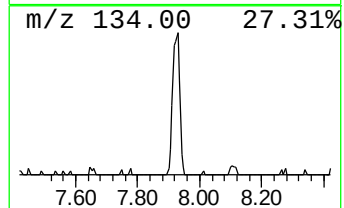
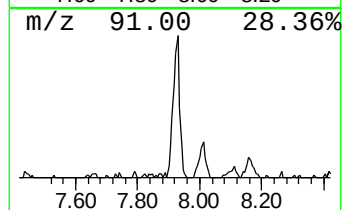
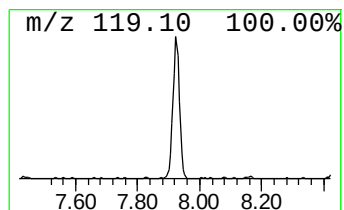
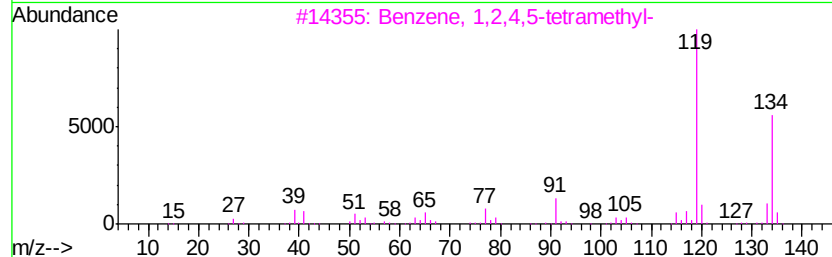
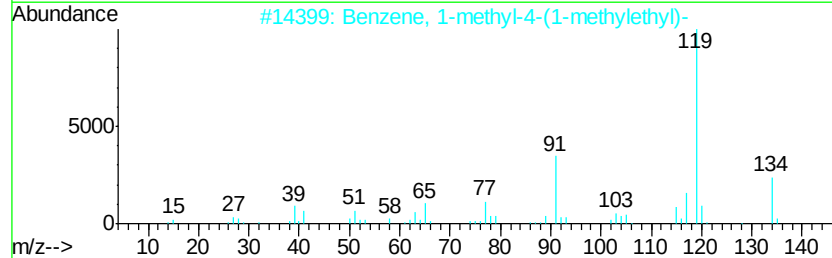
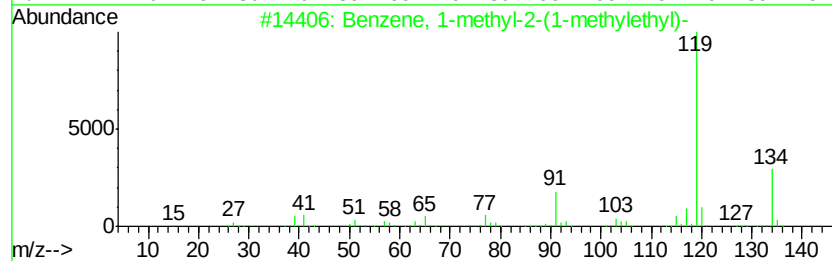
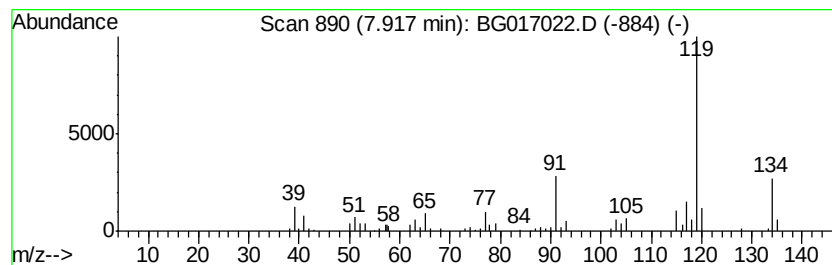
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	6.95 ng	126118	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106

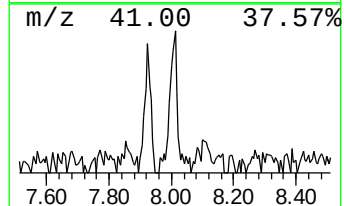
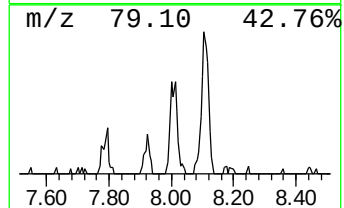
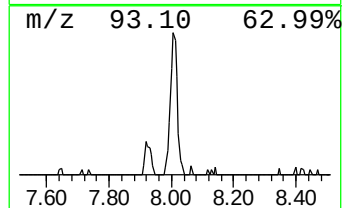
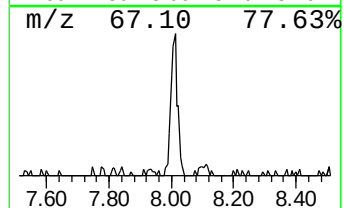
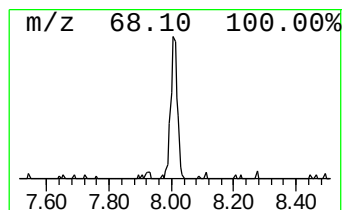
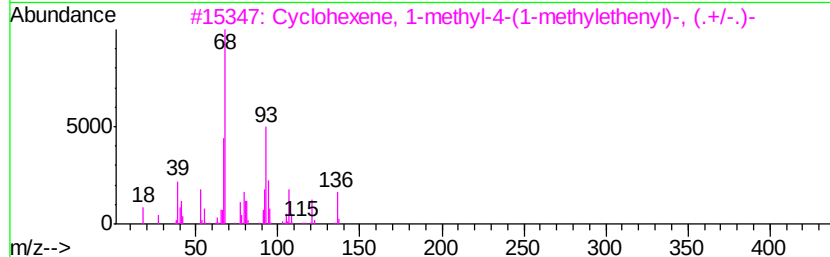
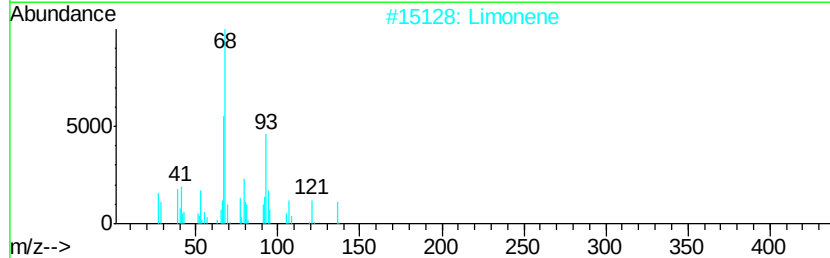
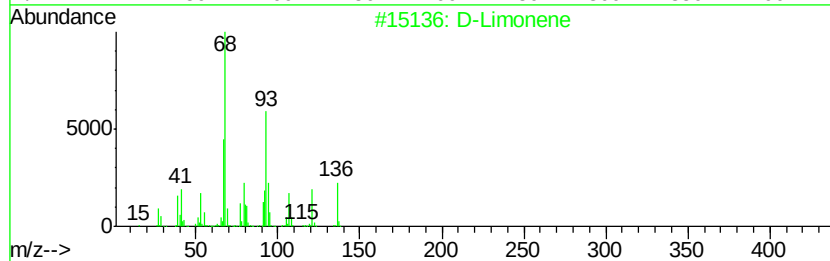
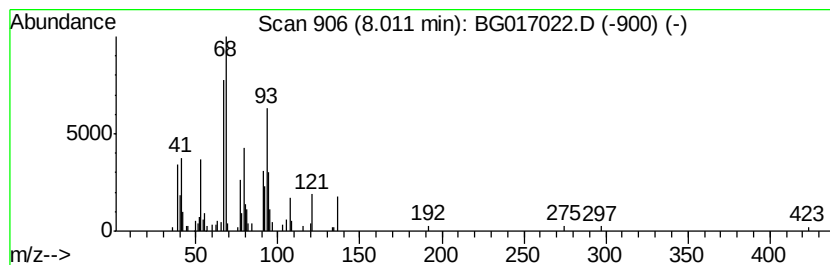
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 D-Limonene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	4.47 ng	80999	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		Limonene	136	C10H16	000138-86-3	93
3		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	90
4		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	90
5		Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
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Misc :
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Instrument :
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ClientSampleId :
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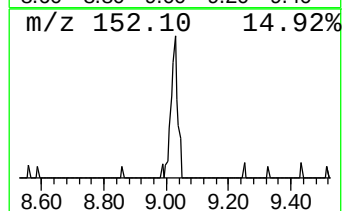
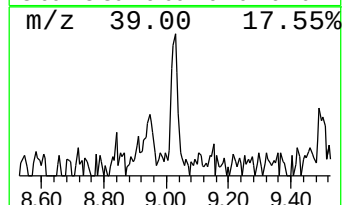
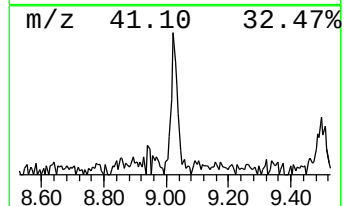
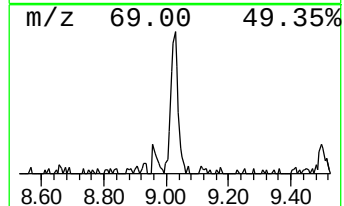
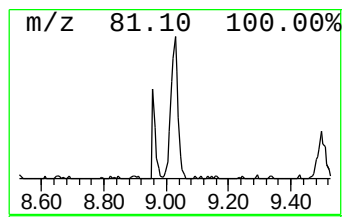
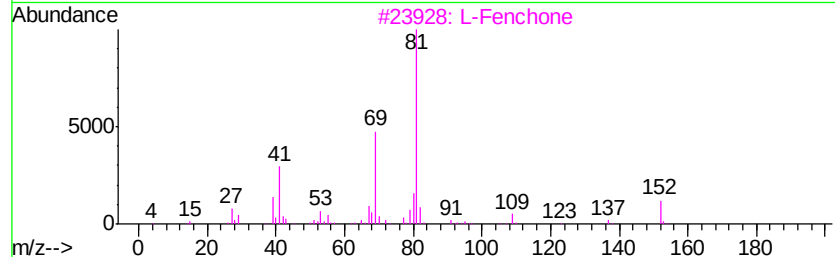
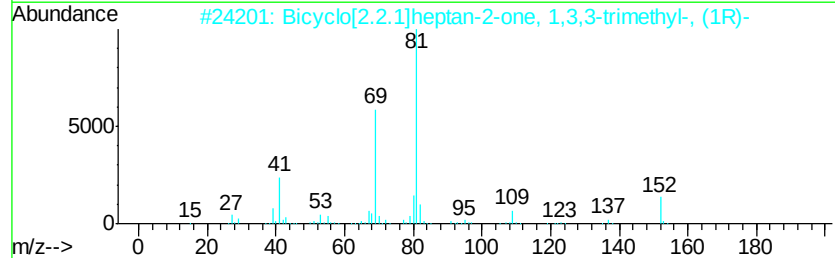
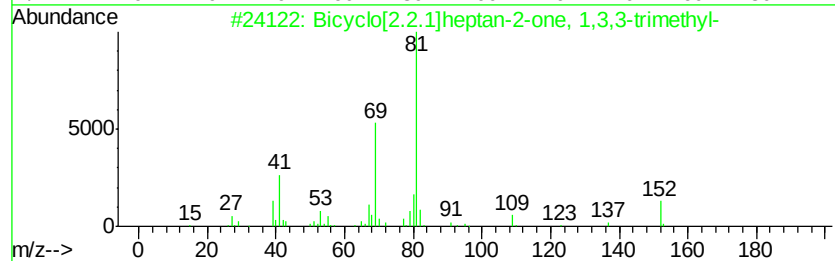
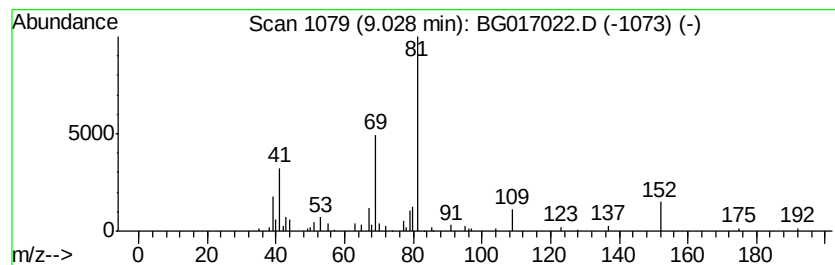
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.07 ng	73728	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	007787-20-4	87
3		L-Fenchone	152	C10H16O	000126-21-6	83
4		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	83
5		Cyclobutane, 1,1-dimethyl-3-meth...	96	C7H12	019037-73-1	40



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
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Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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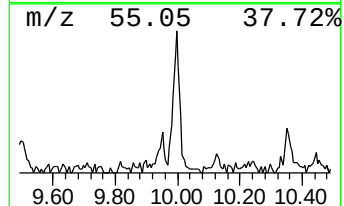
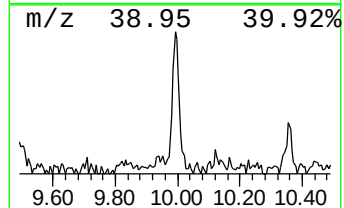
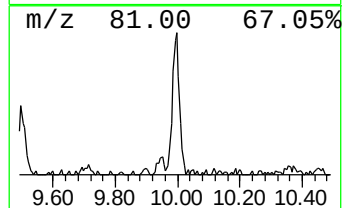
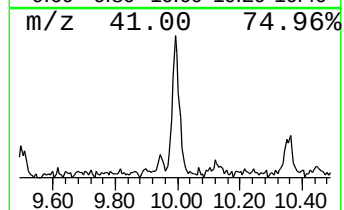
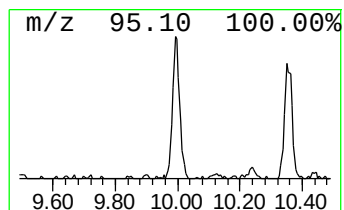
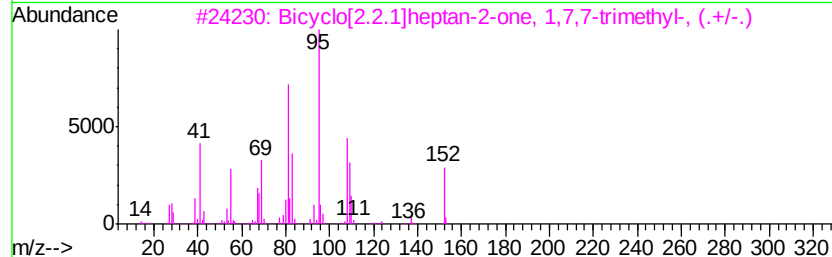
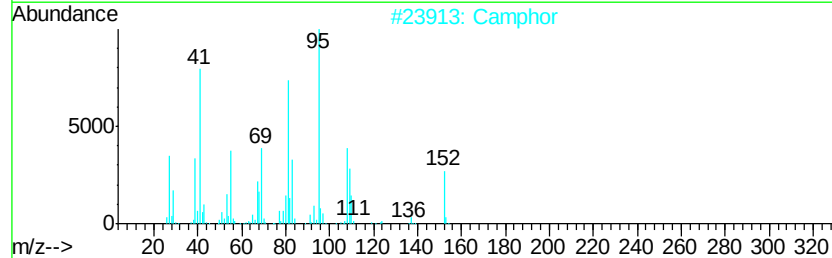
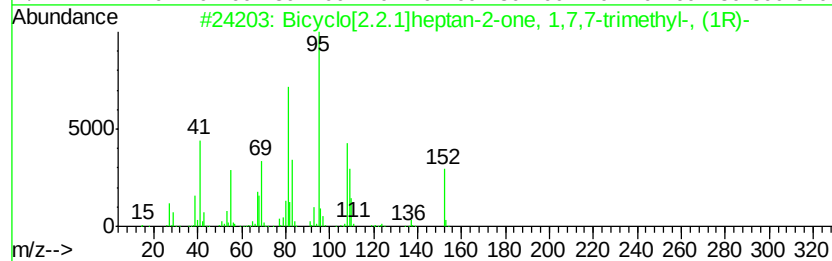
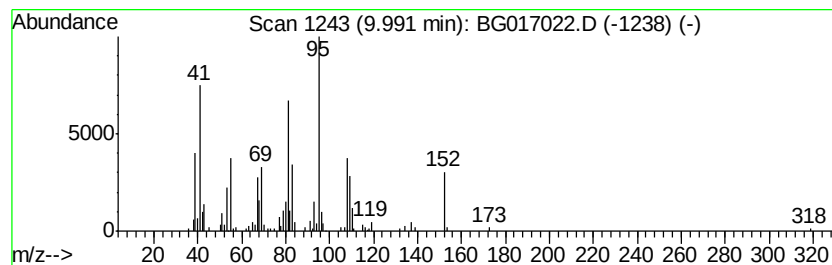
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bicyclo[2.2.1]heptan-2-one, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	5.98 ng	172232	Naphthalene-d8	10.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
2			Camphor	152	C10H16O	000076-22-2	96
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	96
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
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Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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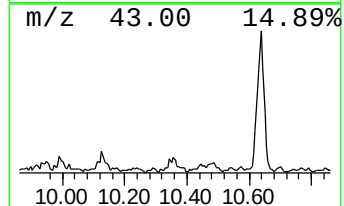
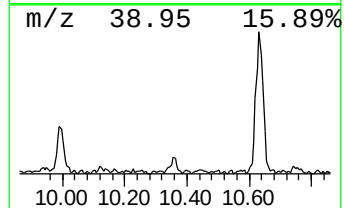
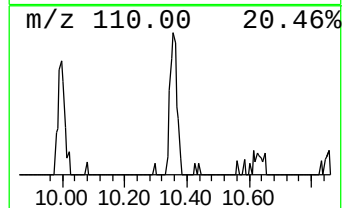
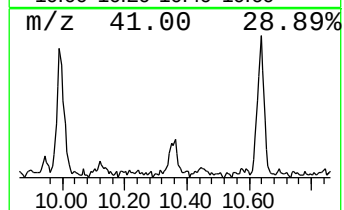
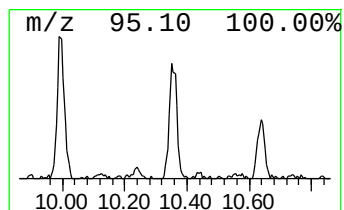
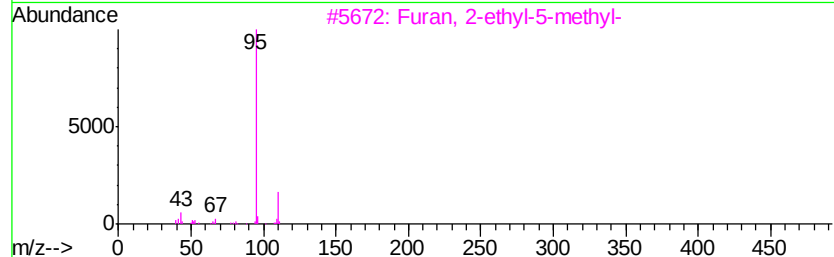
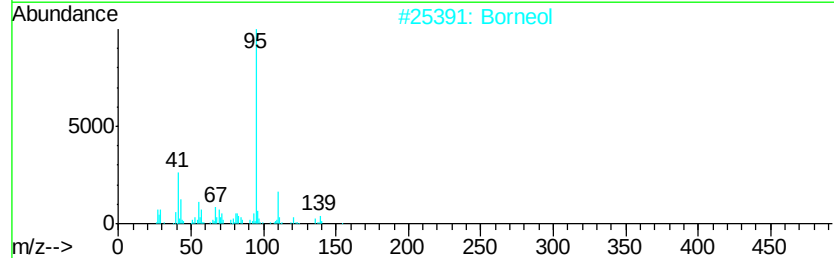
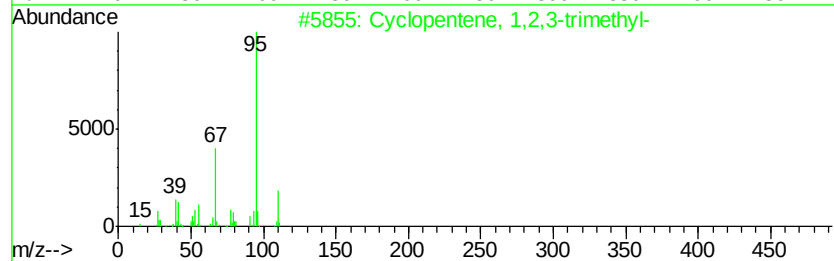
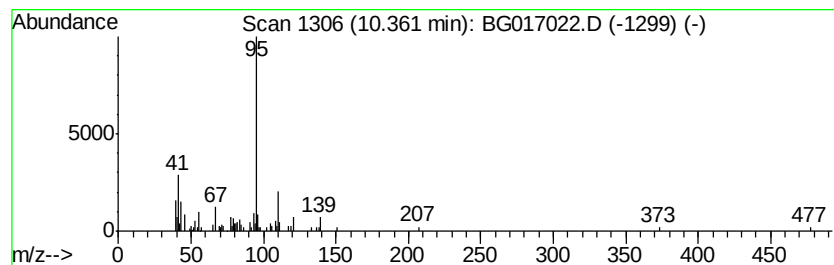
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.18 ng	62850	Naphthalene-d8	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	68
2		Borneol	154	C10H18O	000507-70-0	59
3		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	58
4		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	53
5		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
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Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
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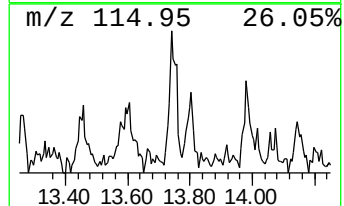
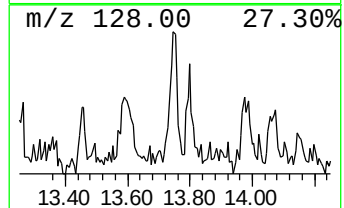
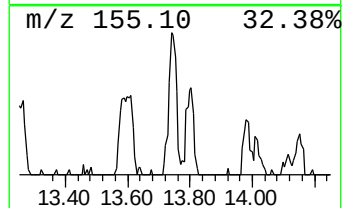
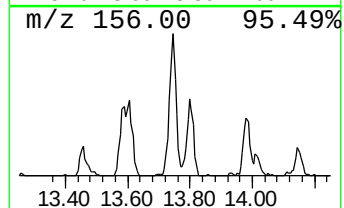
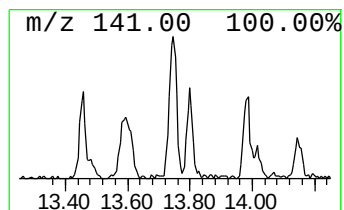
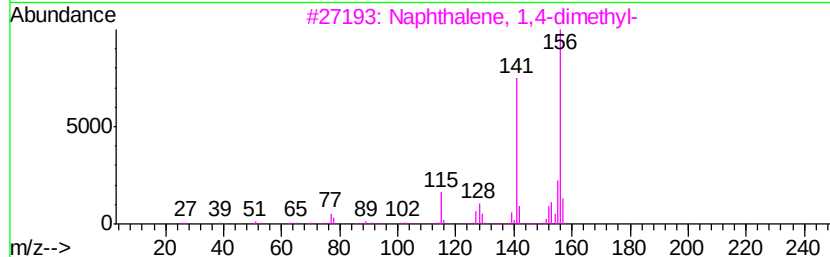
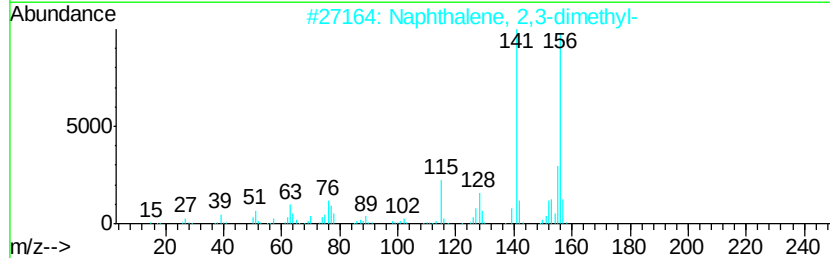
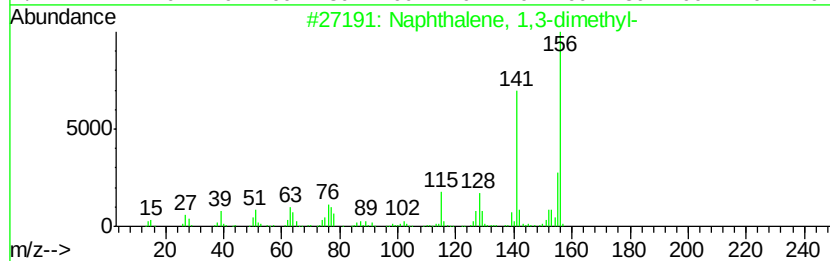
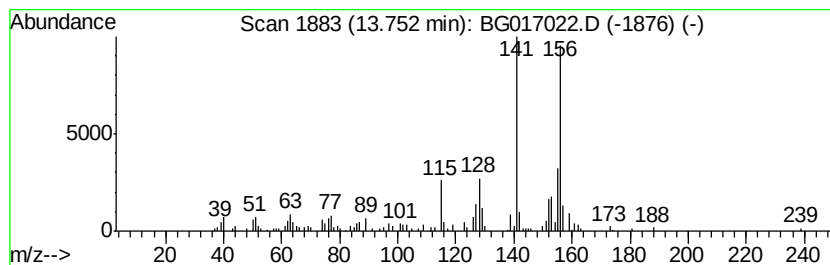
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.66 ng	119870	Acenaphthene-d10	14.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 90
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 90
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 90
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
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Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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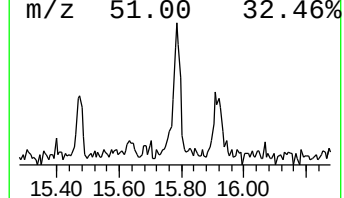
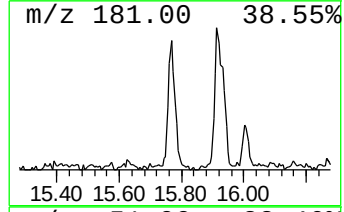
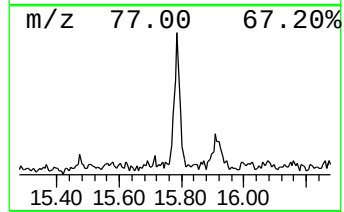
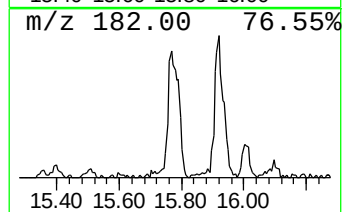
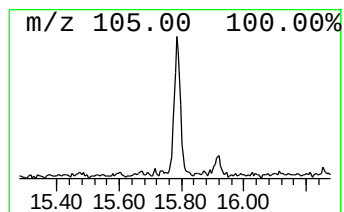
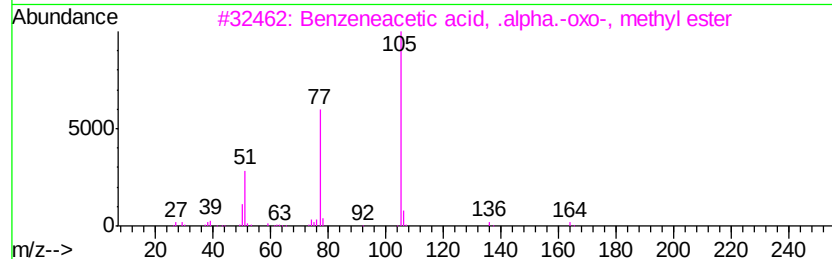
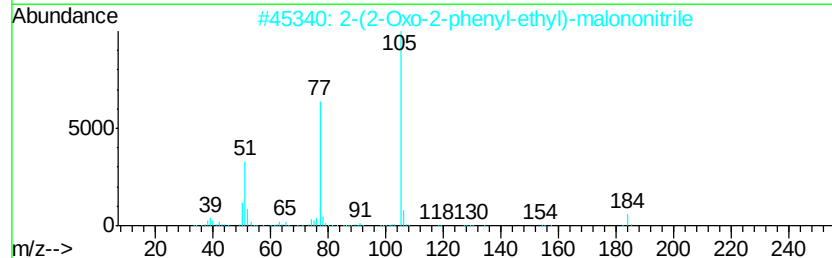
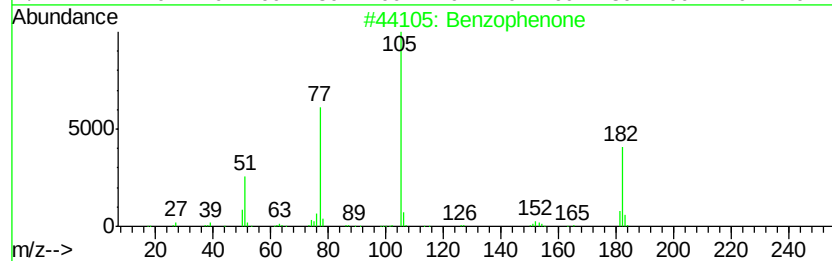
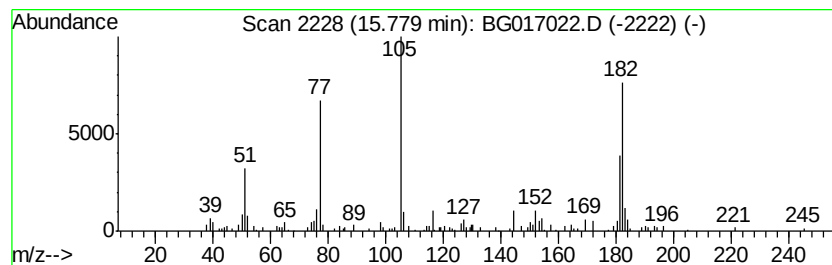
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	3.66 ng	165178	Acenaphthene-d10	14.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	60
3			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	55
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	55
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106

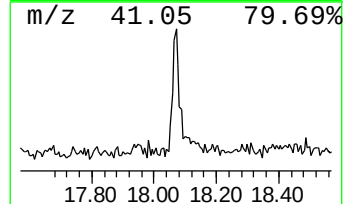
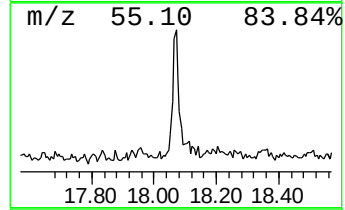
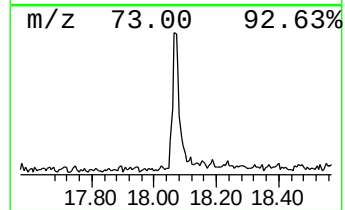
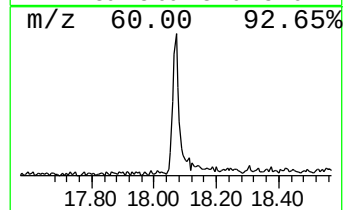
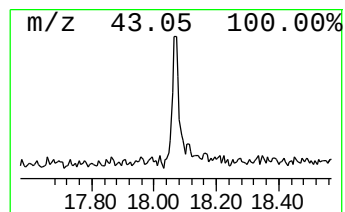
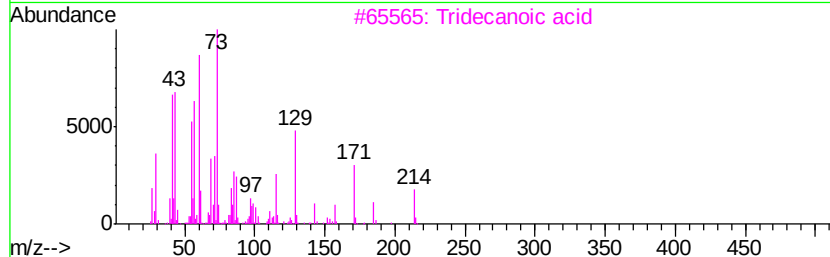
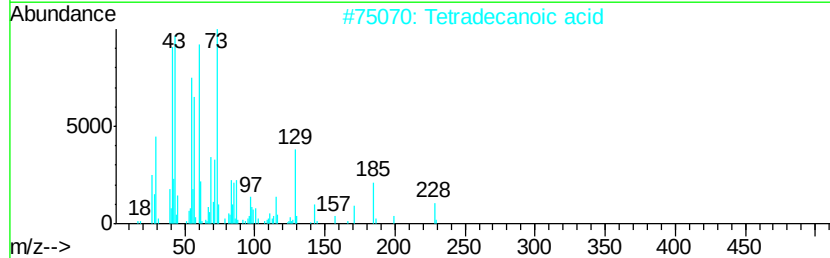
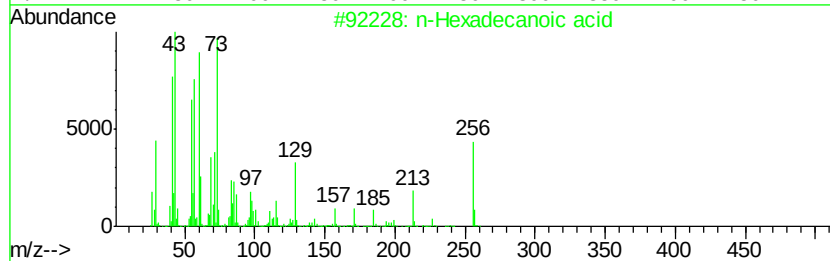
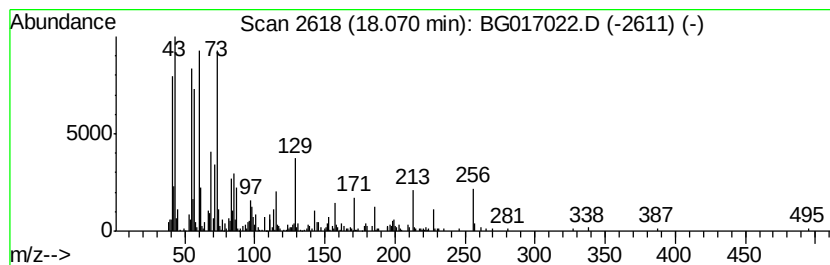
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.10 ng	363710	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3		Tridecanoic acid	214	C13H26O2	000638-53-9	68
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-106

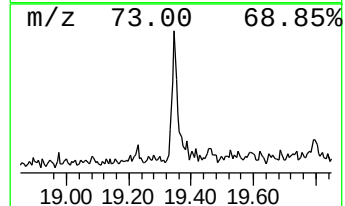
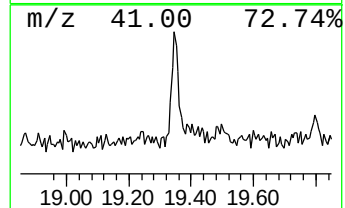
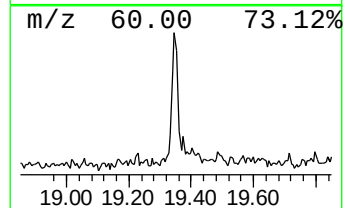
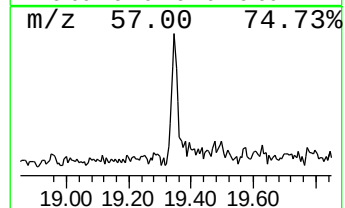
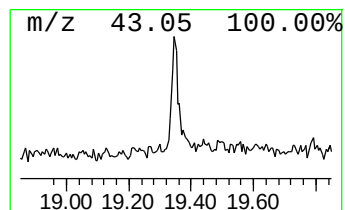
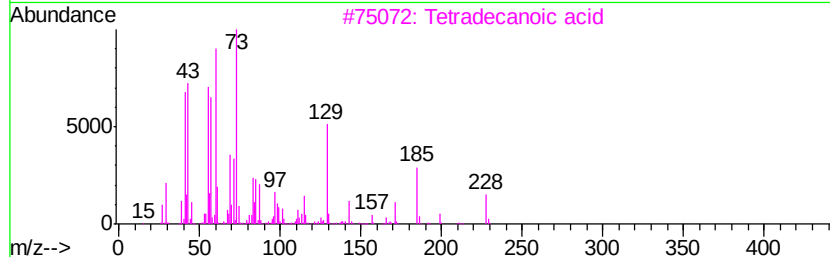
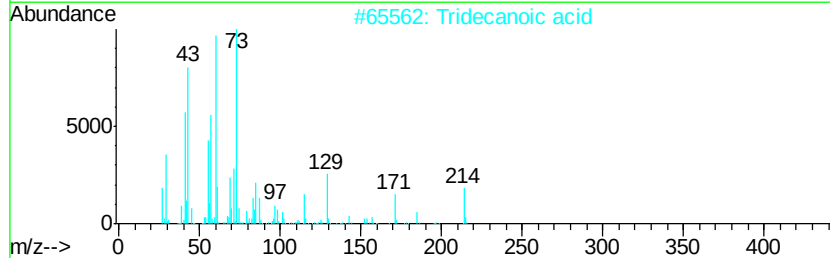
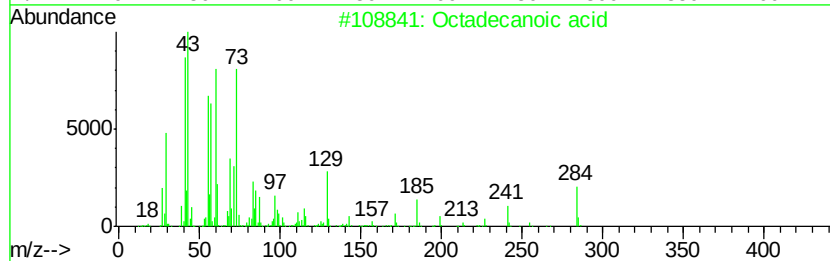
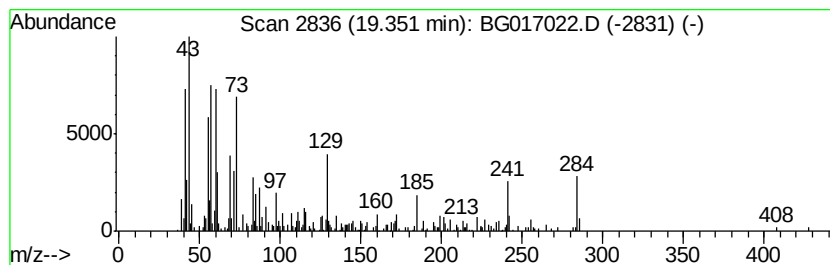
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.78 ng	197363	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
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Sample : G2104-12
Misc :
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Instrument :
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ClientSampleId :
MW-106

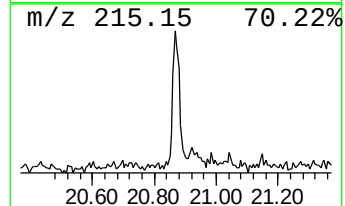
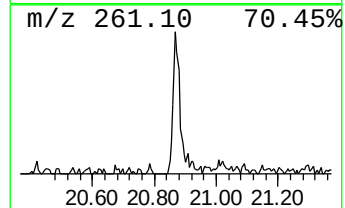
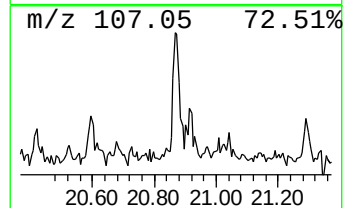
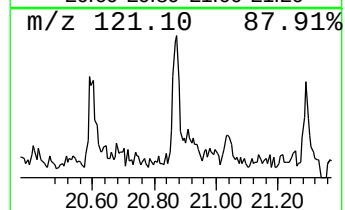
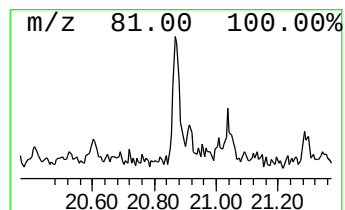
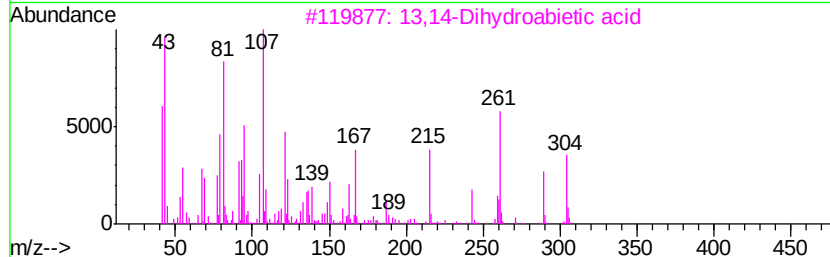
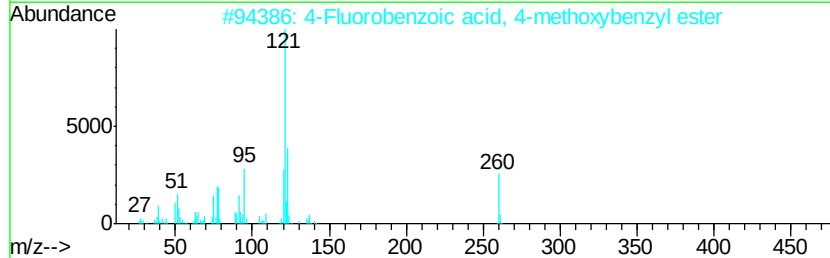
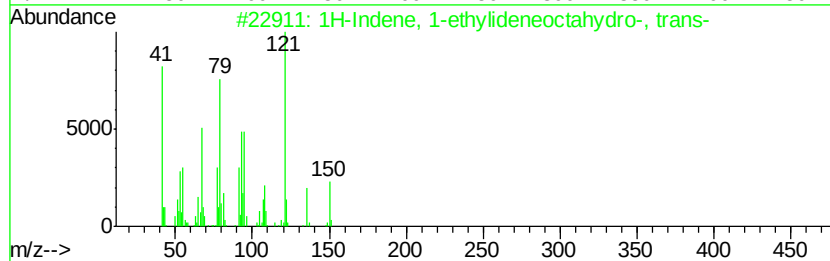
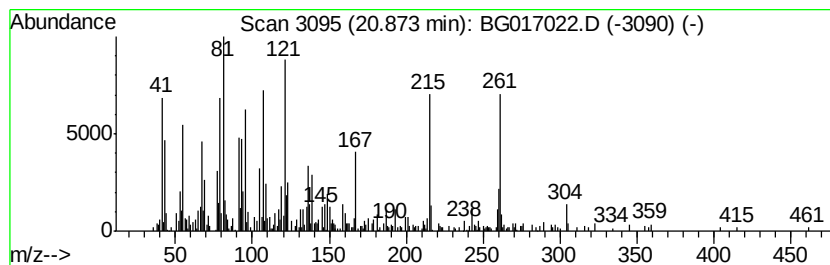
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown20.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.53 ng	289070	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-ethylideneoctahydro...	150	C11H18	056324-70-0	25
2		4-Fluorobenzoic acid, 4-methoxyb...	260	C15H13F03	090172-18-2	25
3		13,14-Dihydroabiatic acid	304	C20H32O2	059086-78-1	16
4		Oxirane, 2-bromo-3-chloro-2-(1,5...	334	C15H24BrClO	056772-06-6	12
5		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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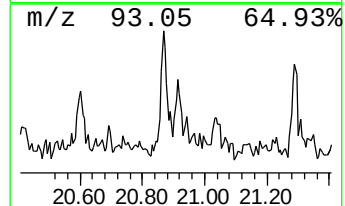
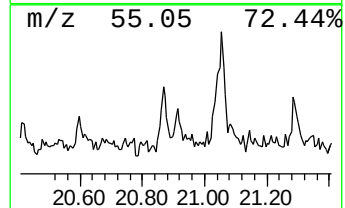
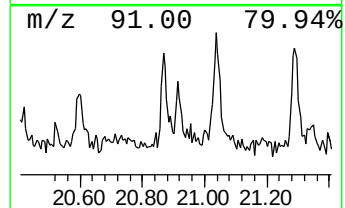
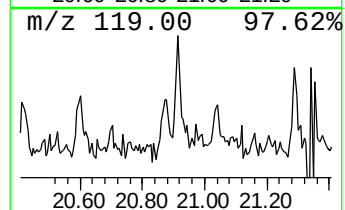
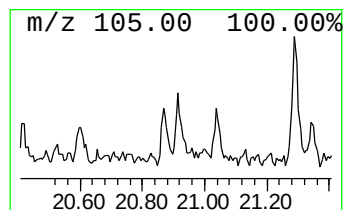
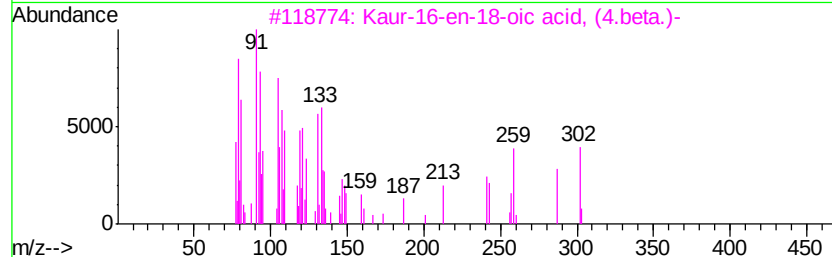
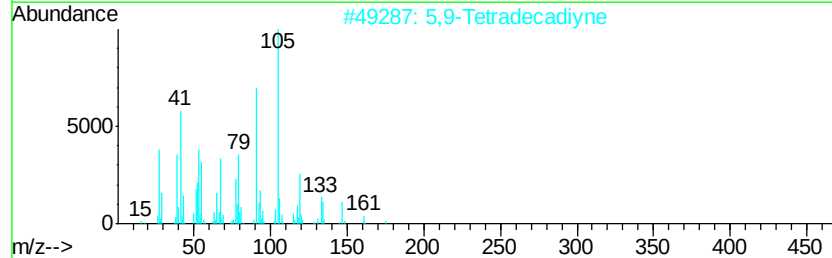
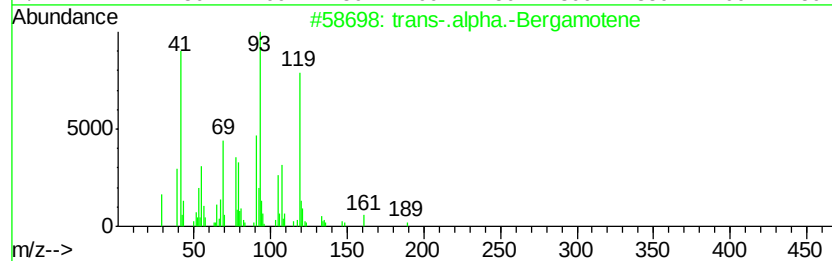
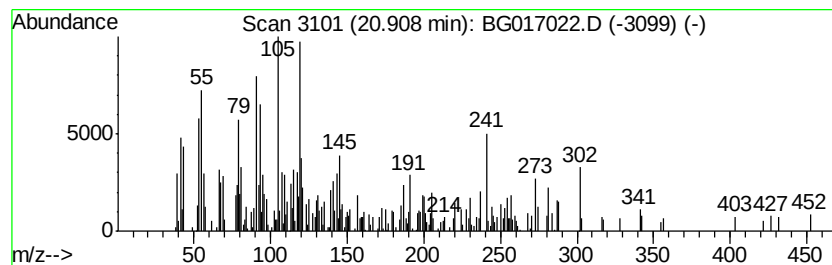
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.91 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.92 ng	152588	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-.alpha.-Bergamotene	204	C15H24	1000293-01-5	37
2		5,9-Tetradecadiyne	190	C14H22	051255-61-9	16
3		Kaur-16-en-18-oic acid, (4.beta.)-	302	C20H30O2	020316-84-1	15
4		1-Butene, 4-chloro-3-methyl-	104	C5H9Cl	010524-01-3	14
5		2-Hexenoic acid, 6-(2-methylenec...	180	C11H16O2	1000156-86-2	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-106

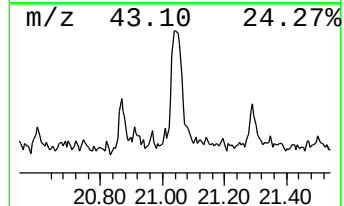
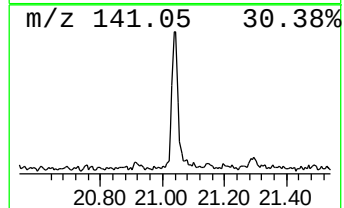
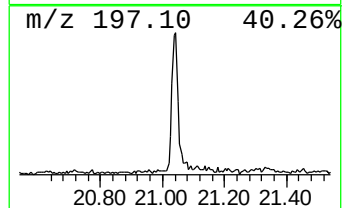
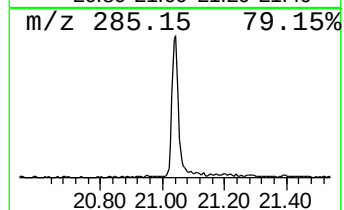
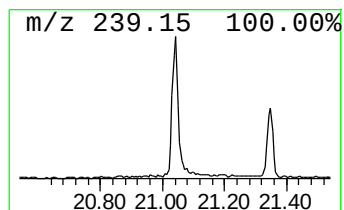
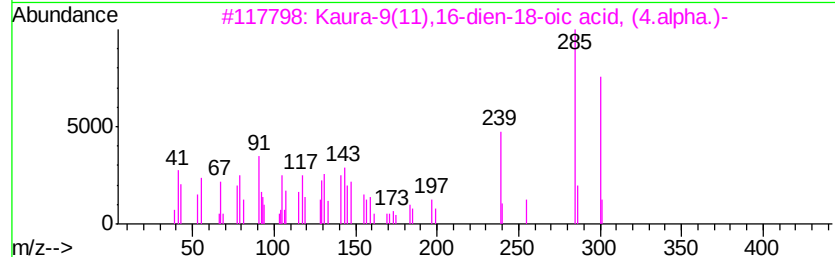
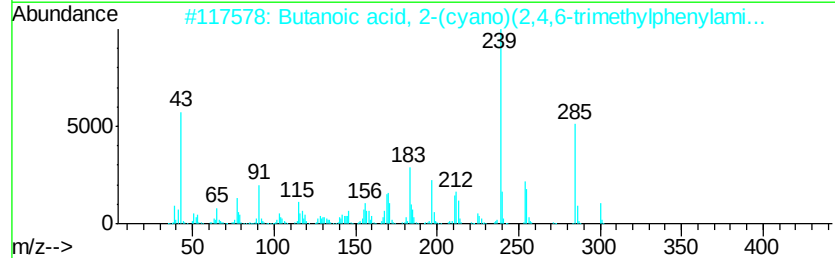
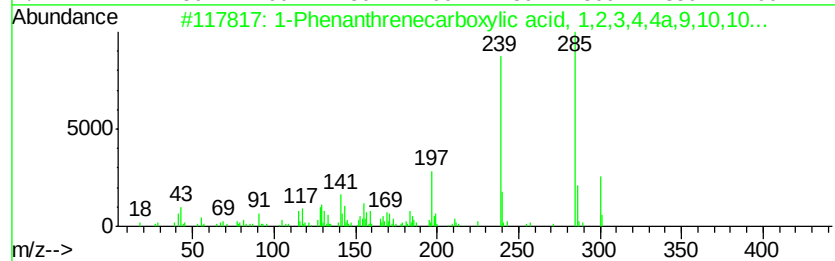
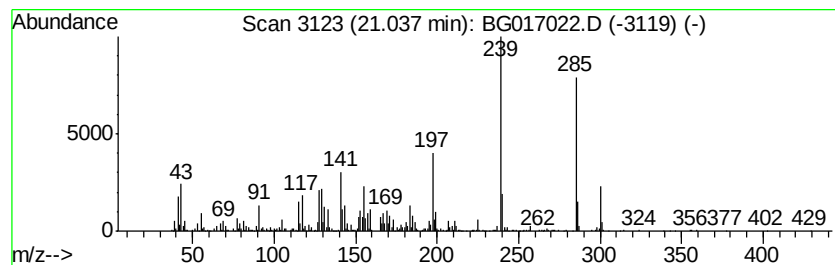
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Phenanthrenecarboxylic ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	16.44 ng	859416	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	93
2		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	58
3		Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	50
4		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	46
5		3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017022.D
Acq On : 10 May 2015 12:34
Operator : TP/IZ
Sample : G2104-12
Misc :
ALS Vial : 64 Sample Multiplier: 1

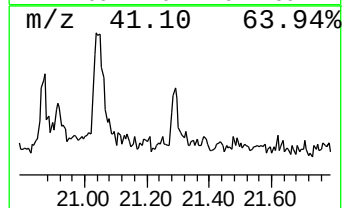
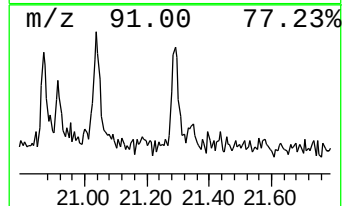
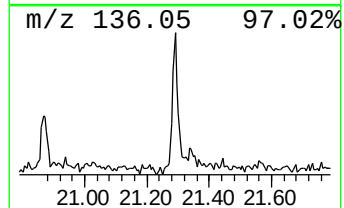
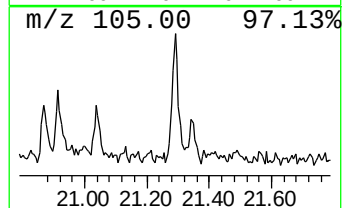
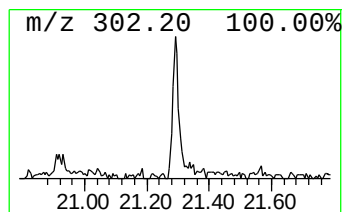
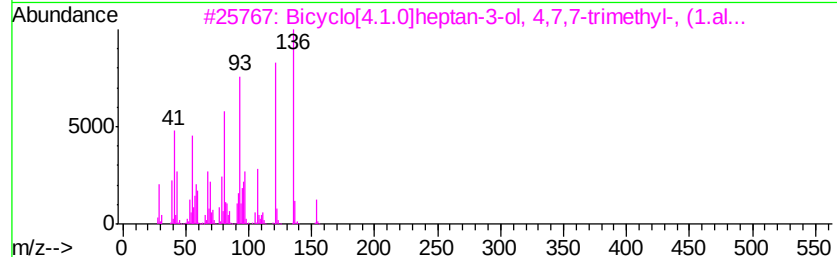
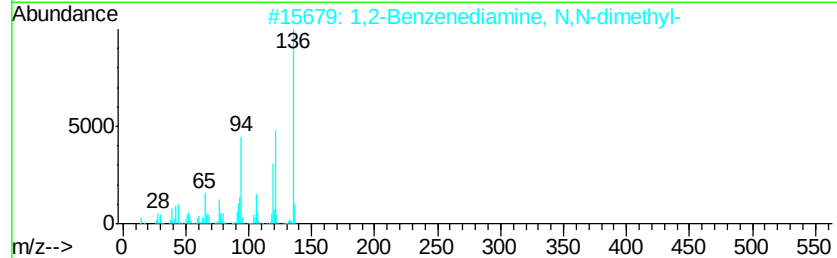
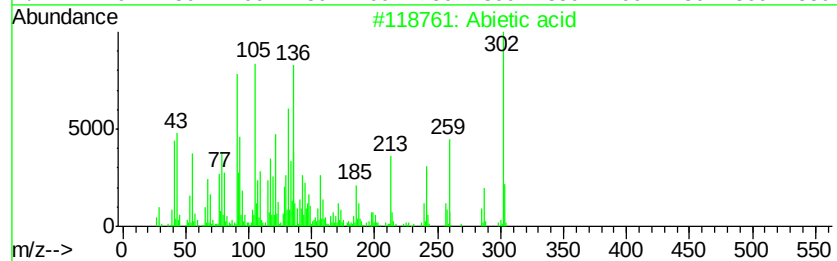
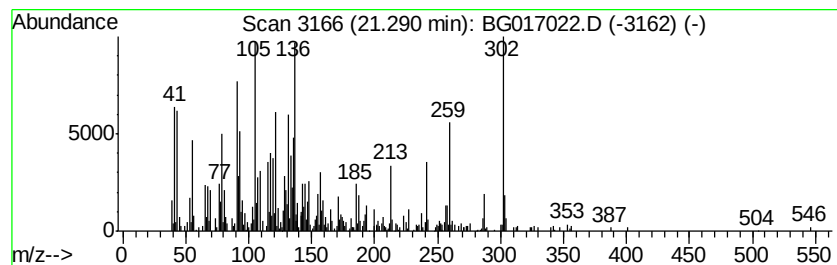
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Abietic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	5.12 ng	267740	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Abietic acid	302 C20H30O2	000514-10-3 95
2		1,2-Benzenediamine, N,N-dimethyl-	136 C8H12N2	002836-03-5 25
3		Bicyclo[4.1.0]heptan-3-ol, 4,7,7...	154 C10H18O	054750-08-2 25
4		3,4-Dimethyl-o-phenylenediamine	136 C8H12N2	041927-01-9 20
5		2,3-Diethylpyrazine	136 C8H12N2	015707-24-1 18



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017022.D
 Acq On : 10 May 2015 12:34
 Operator : TP/IZ
 Sample : G2104-12
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.99	40.0	ng	725532	1	7.79	362678	20.0
2-Pentanone, 4-hy...	4.91	3.9	ng	70589	1	7.79	362678	20.0
1R-.alpha.-Pinene	6.48	10.9	ng	196761	1	7.79	362678	20.0
unknown7.32	7.32	98.3	ng	1782120	1	7.79	362678	20.0
Benzene, 1-methyl...	7.92	7.0	ng	126118	1	7.79	362678	20.0
D-Limonene	8.01	4.5	ng	80999	1	7.79	362678	20.0
Bicyclo[2.2.1]hep...	9.03	4.1	ng	73728	1	7.79	362678	20.0
Bicyclo[2.2.1]hep...	9.99	6.0	ng	172232	2	10.58	575778	20.0
Cyclopentene, 1,2...	10.36	2.2	ng	62850	2	10.58	575778	20.0
Naphthalene, 1,3-...	13.75	2.7	ng	119870	3	14.43	901621	20.0
Benzophenone	15.78	3.7	ng	165178	3	14.43	901621	20.0
n-Hexadecanoic acid	18.07	7.1	ng	363710	4	17.17	1024070	20.0
Octadecanoic acid	19.35	3.8	ng	197363	5	21.34	1045490	20.0
unknown20.87	20.87	5.5	ng	289070	5	21.34	1045490	20.0
unknown20.91	20.91	2.9	ng	152588	5	21.34	1045490	20.0
1-Phenanthrenecar...	21.04	16.4	ng	859416	5	21.34	1045490	20.0
Abietic acid	21.29	5.1	ng	267740	5	21.34	1045490	20.0