

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027312.D
 Acq On : 8 Jun 2017 10:43
 Operator : SJ/MA
 Sample : I3473-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-MW-6

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-BG060517.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	3.802	12	19	43	rVB	4577381	8927933	16.22%	3.864%
2	4.836	188	195	217	rVB	5832763	11514479	20.92%	4.983%
3	6.111	402	412	426	rBV	8589636	18854013	34.26%	8.160%
4	6.234	426	433	447	rVB	4040585	10551393	19.17%	4.567%
5	6.599	483	495	508	rVB2	3880767	8554354	15.54%	3.702%
6	7.650	664	674	678	rVV	1089945	1920596	3.49%	0.831%
7	7.703	678	683	690	rVV2	997387	2018571	3.67%	0.874%
8	7.780	690	696	705	rVB	685574	1182786	2.15%	0.512%
9	8.097	741	750	756	rVV	841369	1604063	2.91%	0.694%
10	8.214	763	770	778	rVV2	3422167	7009270	12.74%	3.034%
11	8.297	778	784	795	rVB	548766	961168	1.75%	0.416%
12	8.673	838	848	854	rVV	835718	1578796	2.87%	0.683%
13	8.737	854	859	868	rVB	568020	1011671	1.84%	0.438%
14	8.890	872	885	889	rBV	683992	1322343	2.40%	0.572%
15	8.943	889	894	901	rVB	1031121	1887658	3.43%	0.817%
16	9.125	914	925	932	rVV	8983958	23389624	42.50%	10.123%
17	9.730	1020	1028	1037	rVV	656999	1515850	2.75%	0.656%
18	10.800	1189	1210	1217	rBV2	2069407	5320395	9.67%	2.303%
19	10.876	1217	1223	1238	rVB	1807516	5580872	10.14%	2.415%
20	11.087	1251	1259	1267	rVB	412415	824960	1.50%	0.357%
21	11.505	1303	1330	1336	rBV3	11643356	55037009	100.00%	23.820%
22	11.581	1336	1343	1351	rVB	1355666	2453077	4.46%	1.062%
23	13.015	1576	1587	1597	rBV	7837882	16610793	30.18%	7.189%
24	13.226	1611	1623	1631	rBV	6085595	12561395	22.82%	5.436%
25	13.767	1708	1715	1722	rBV	1883923	3117817	5.66%	1.349%
26	13.978	1744	1751	1761	rVB	1024688	1766568	3.21%	0.765%
27	14.178	1779	1785	1796	rVB2	545108	1114712	2.03%	0.482%
28	14.313	1796	1808	1816	rBV2	606633	1705227	3.10%	0.738%
29	14.460	1825	1833	1839	rBV	1084050	2161408	3.93%	0.935%
30	14.519	1839	1843	1849	rVB	574795	953436	1.73%	0.413%
31	14.701	1863	1874	1878	rBV	444973	809626	1.47%	0.350%
32	14.865	1892	1902	1912	rVV2	1121486	1975915	3.59%	0.855%
33	15.142	1945	1949	1954	rVV2	443660	724570	1.32%	0.314%
34	15.206	1954	1960	1967	rVB	858411	1421927	2.58%	0.615%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	16.182	2120	2126	2135	rVB	632045	1068397	1.94%	0.462%
36	16.622	2191	2201	2209	rVB2	1633792	2818099	5.12%	1.220%
37	17.891	2406	2417	2420	rVV2	560773	1041146	1.89%	0.451%
38	17.932	2420	2424	2430	rVV	728542	1161137	2.11%	0.503%
39	20.465	2848	2855	2861	rBV	3560403	4829757	8.78%	2.090%
40	22.269	3154	3162	3171	rBV	590224	1131277	2.06%	0.490%
41	25.952	3778	3789	3805	rVB2	323607	1063766	1.93%	0.460%

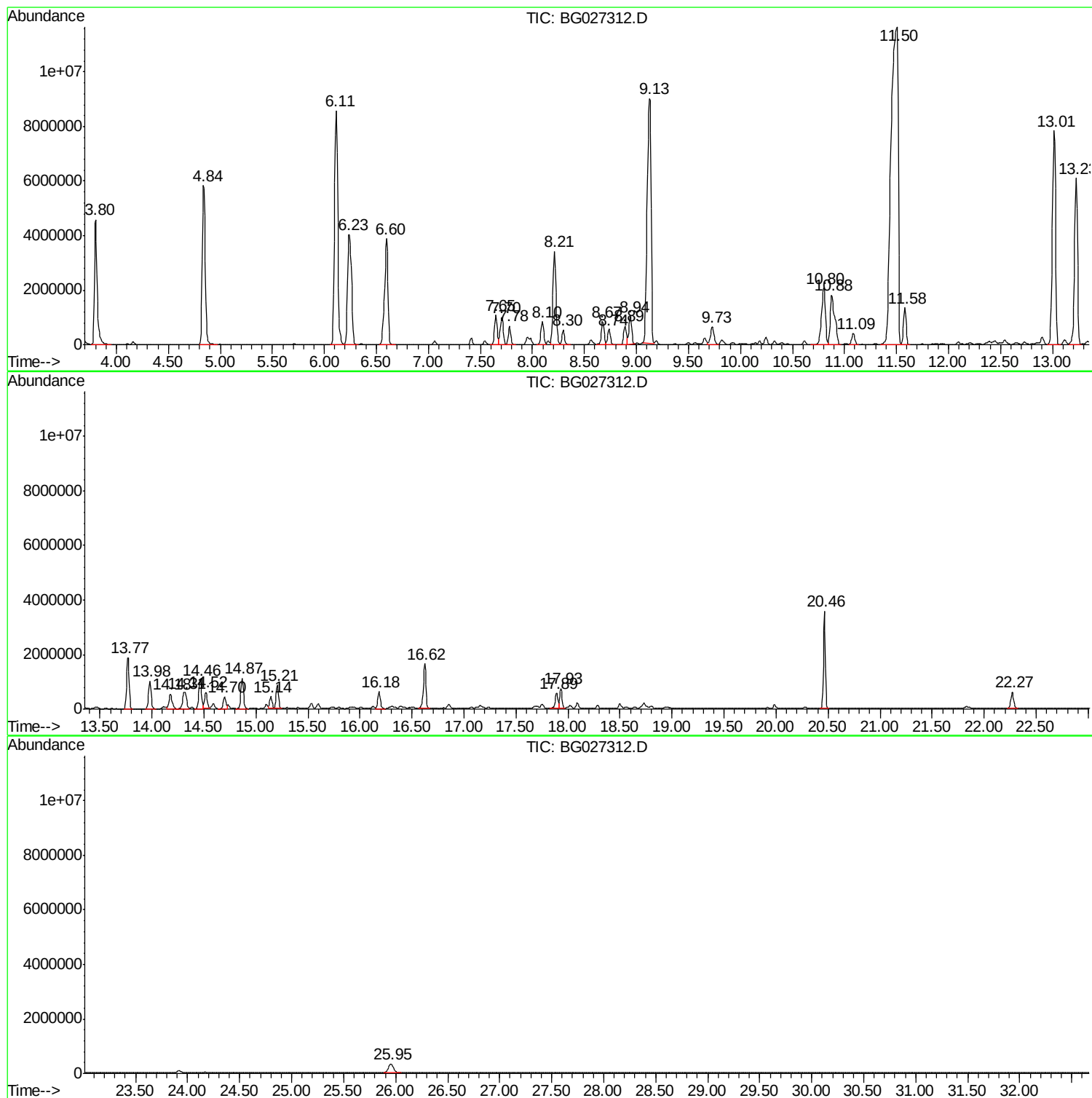
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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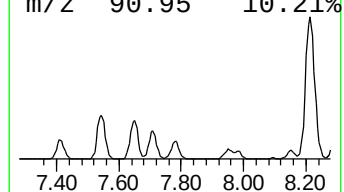
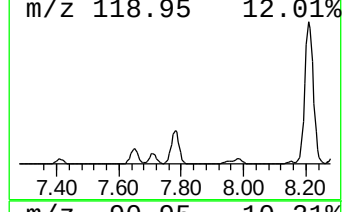
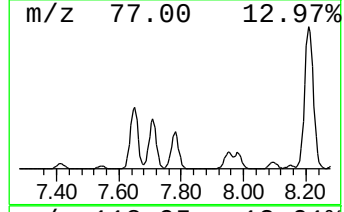
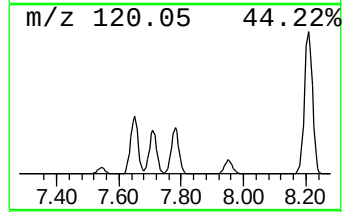
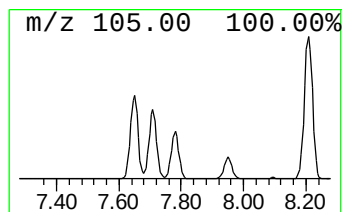
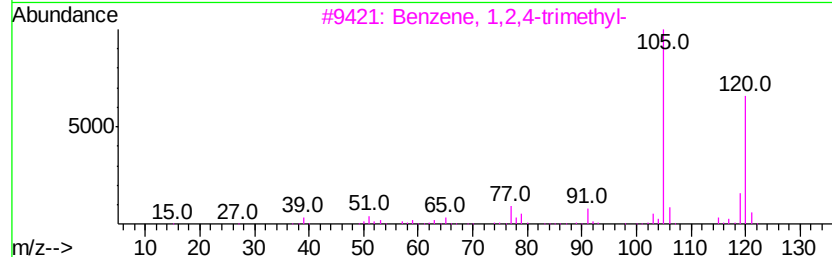
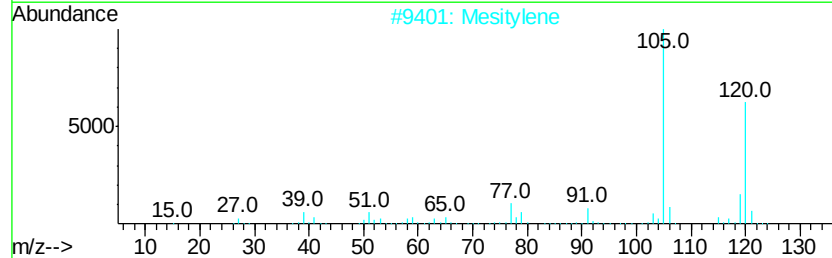
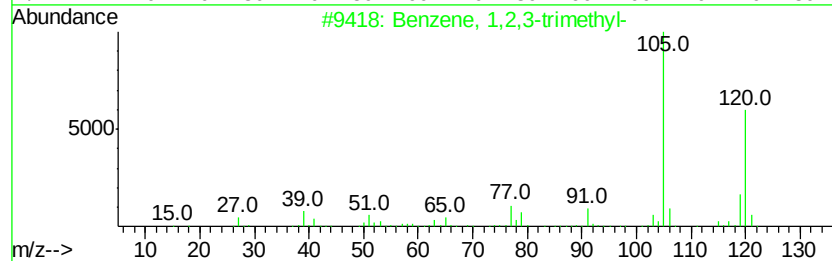
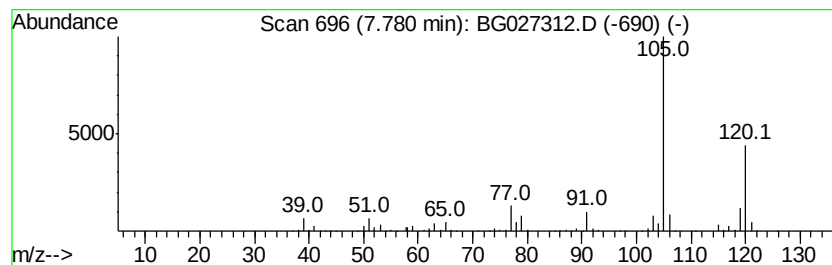
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	14.98 ng	1182790	1,4-Dichlorobenzene-d4	8.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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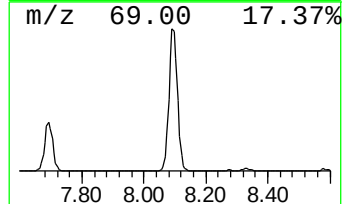
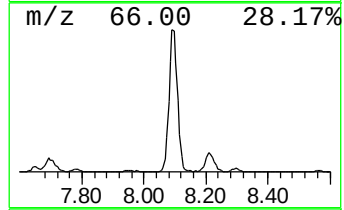
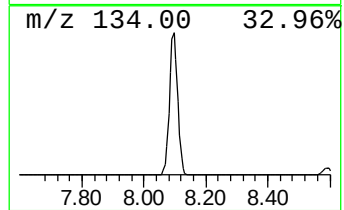
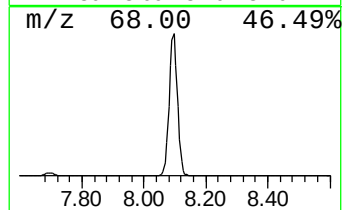
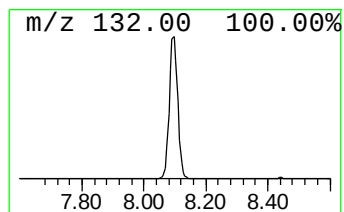
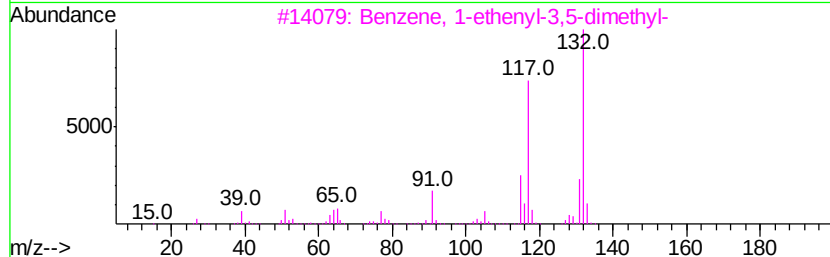
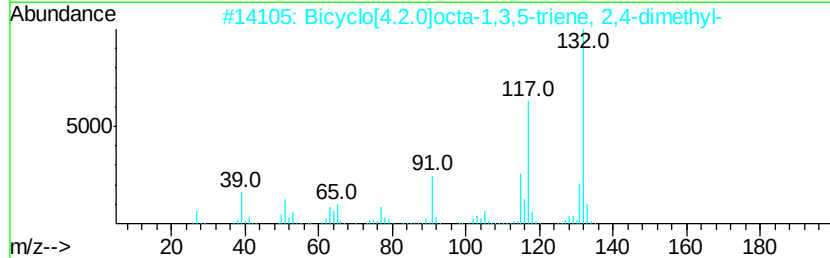
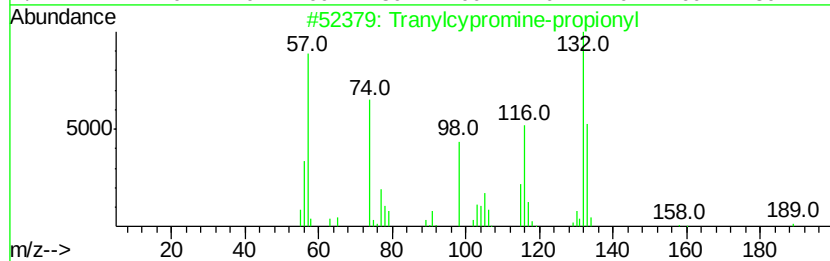
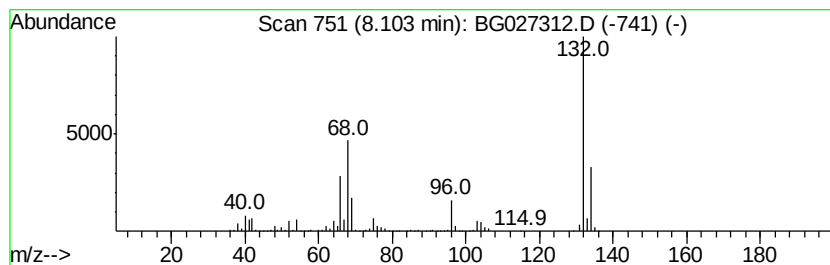
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Peak Number 6 unknown8.10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	20.32 ng	1604060	1,4-Dichlorobenzene-d4	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		Xenon	132	Xe	007440-63-3	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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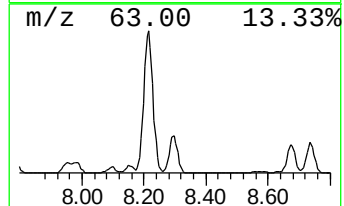
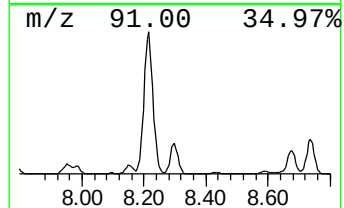
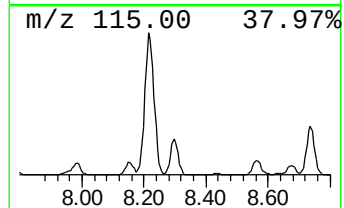
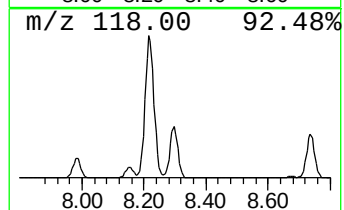
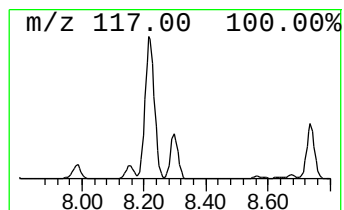
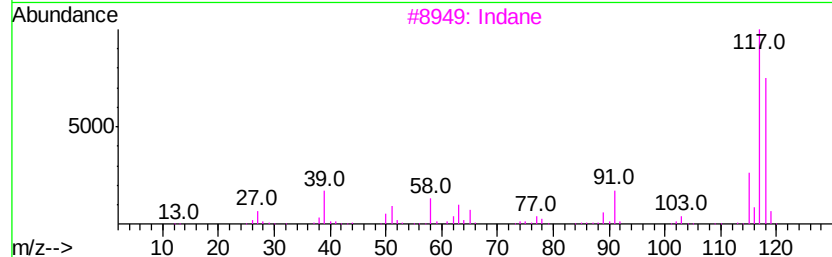
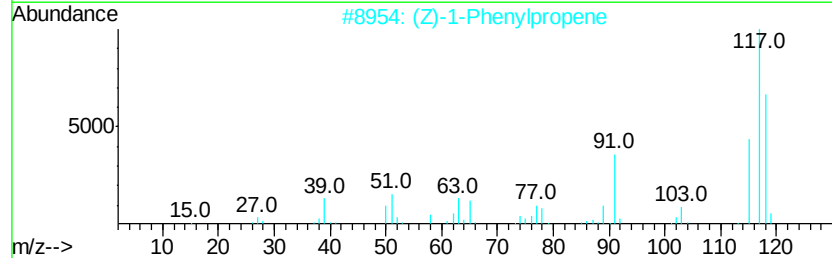
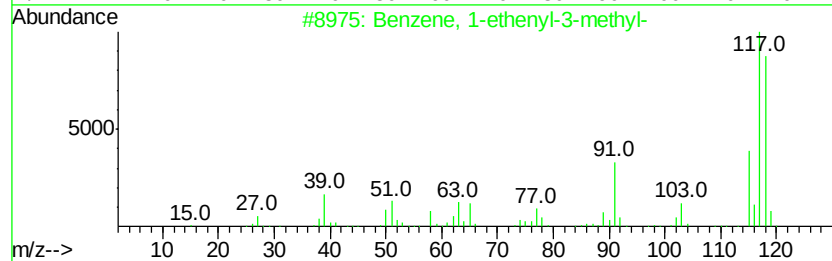
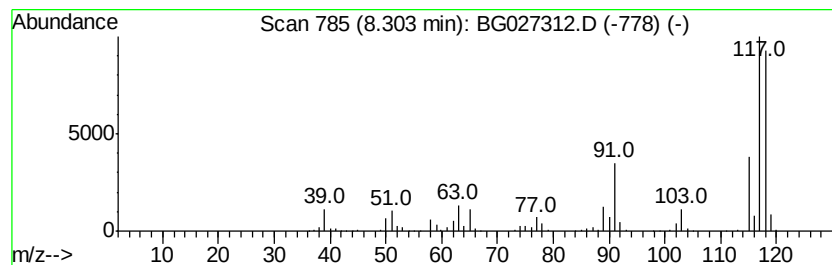
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	12.18 ng	961168	1,4-Dichlorobenzene-d4	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
3		Indane	118	C9H10	000496-11-7	90
4		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87



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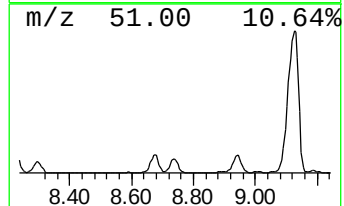
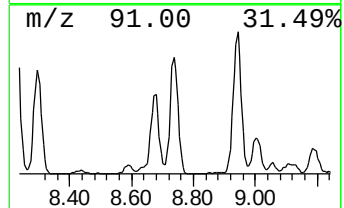
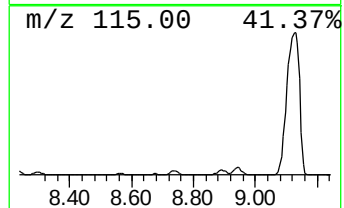
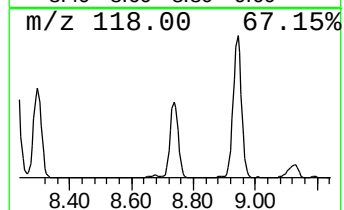
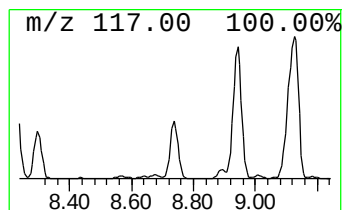
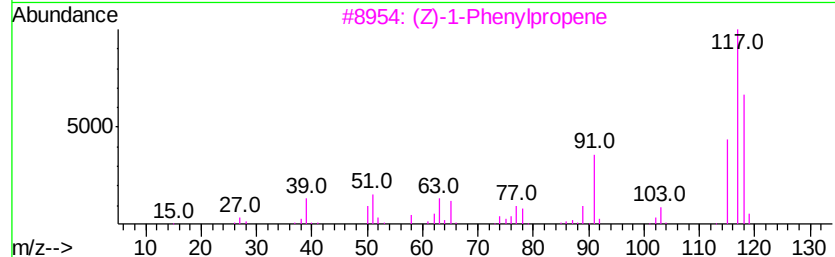
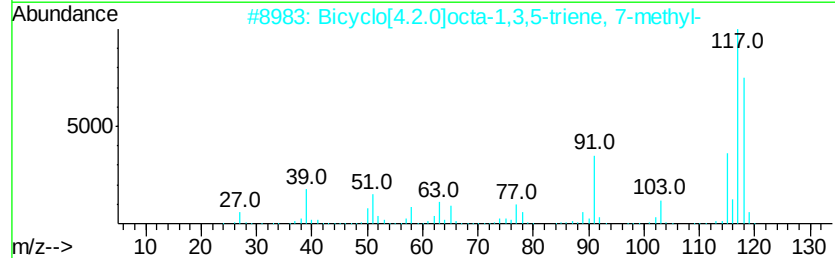
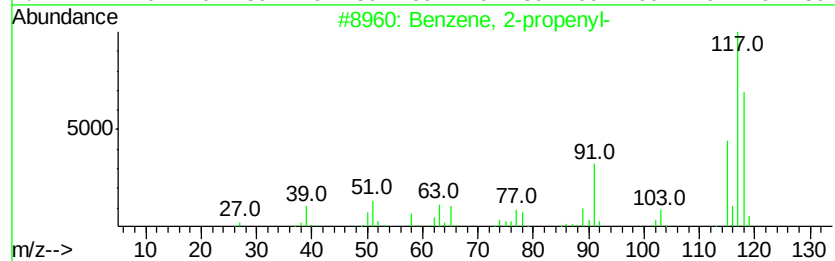
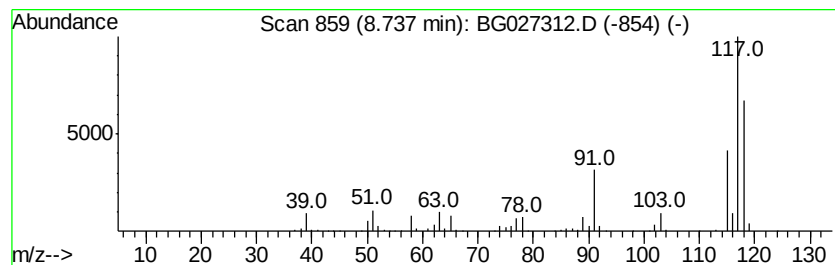
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-propenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	12.82 ng	1011670	1,4-Dichlorobenzene-d4	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
3		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	92
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90



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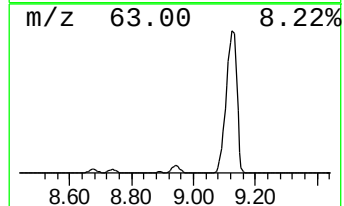
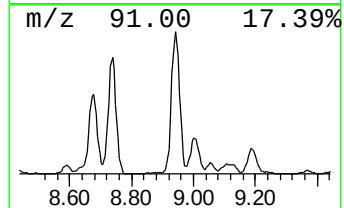
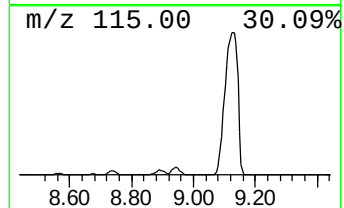
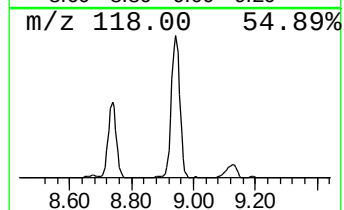
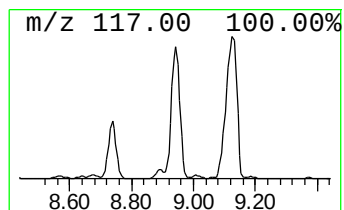
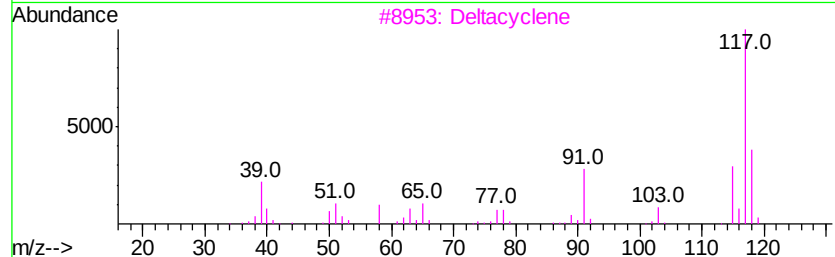
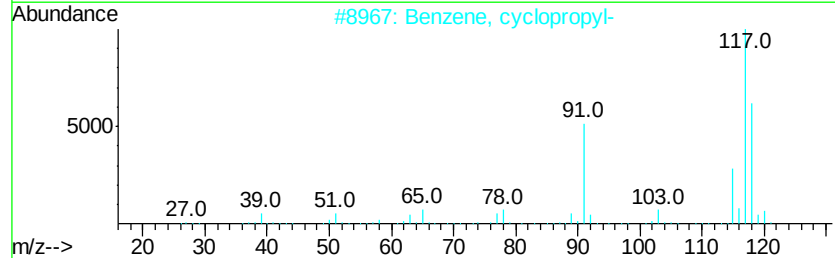
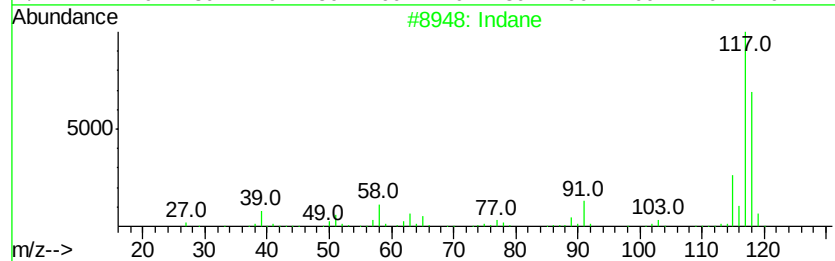
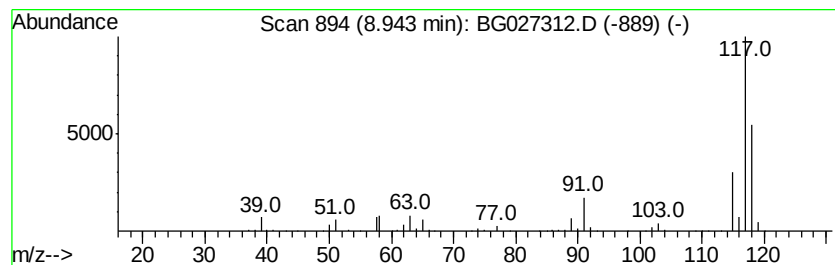
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TIC Integration Parameters: LSCINT.P

Peak Number 12 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	23.91 ng	1887660	1,4-Dichlorobenzene-d4	8.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3		Deltacyclene	118	C9H10	007785-10-6	80
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

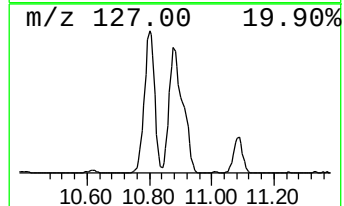
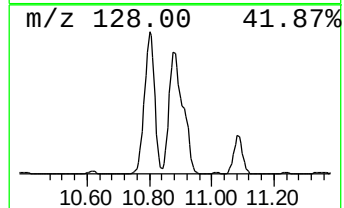
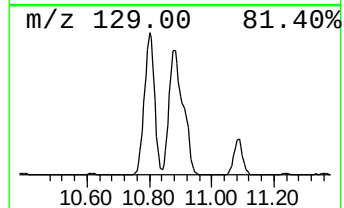
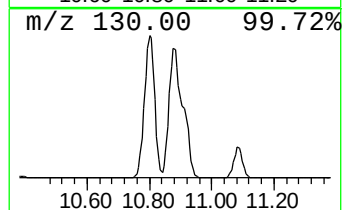
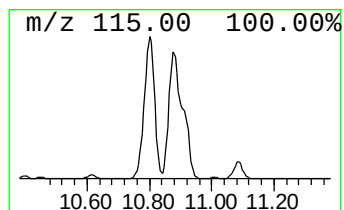
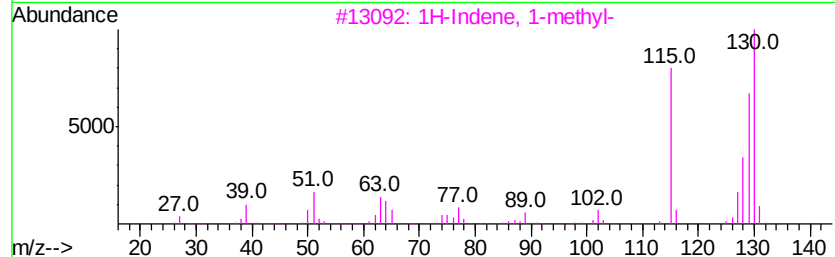
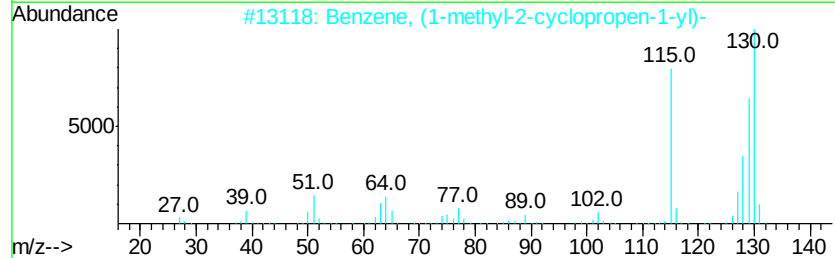
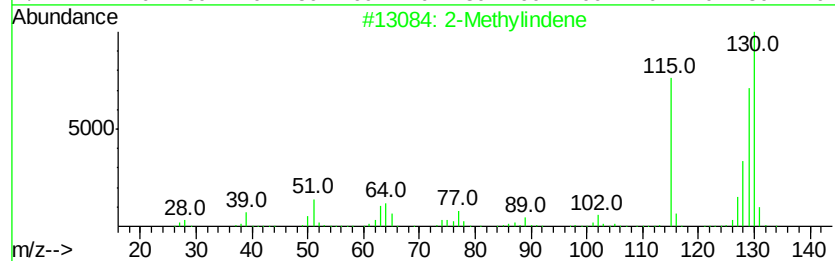
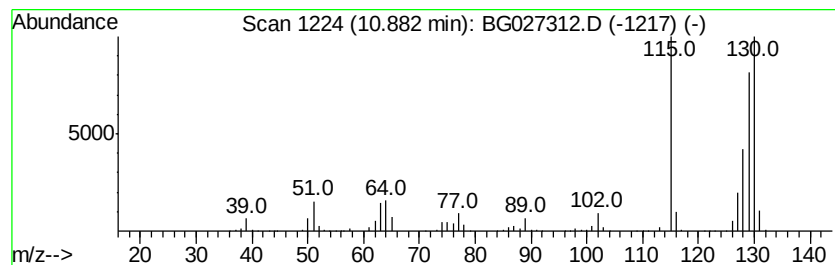
Instrument :
BNA_G
ClientSampleId :
R1-MW-6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2-Methylindene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.03 ng	5580870	Naphthalene-d8	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	96
4	1,4-Dihydronaphthalene	130 C10H10	000612-17-9	95
5	Benzene, 1-butynyl-	130 C10H10	000622-76-4	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R1-MW-6

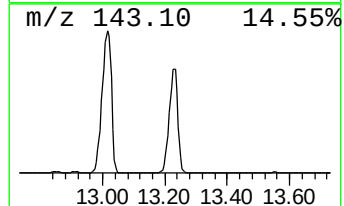
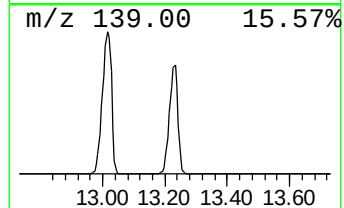
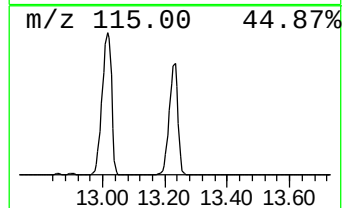
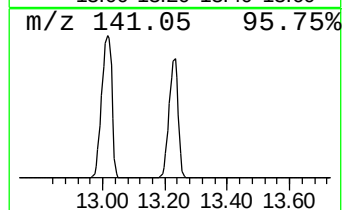
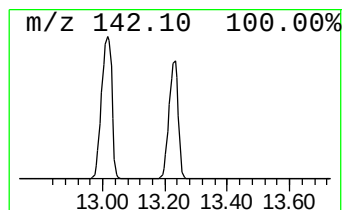
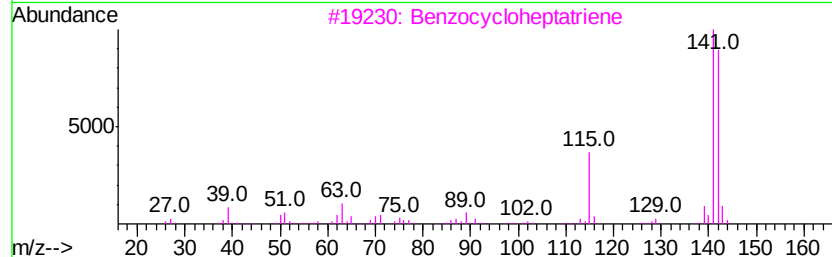
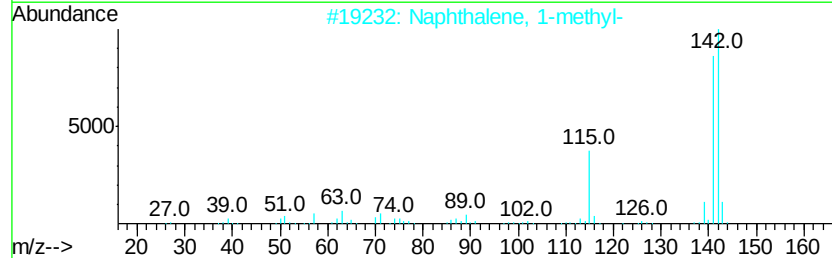
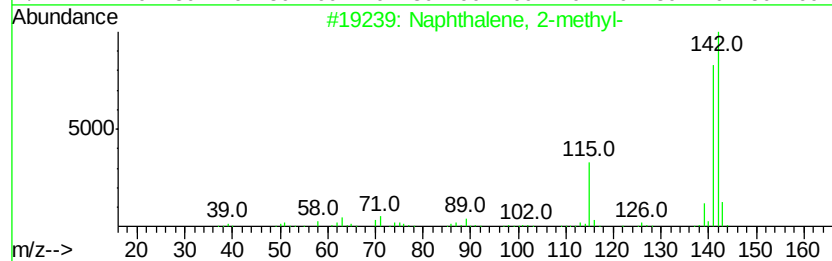
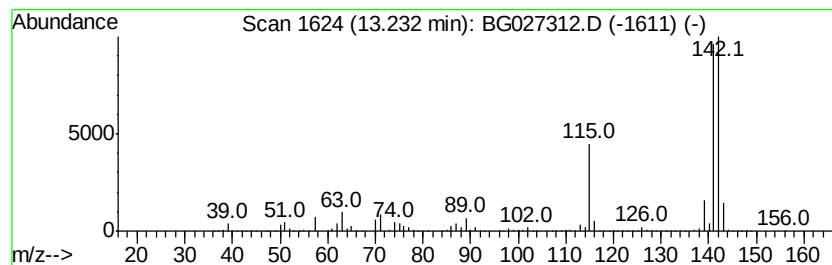
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.56 ng	12561400	Naphthalene-d8	11.41

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		Benzocycloheptatriene	142	C11H10	000264-09-5	95
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

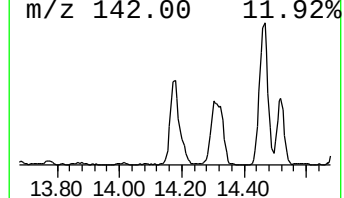
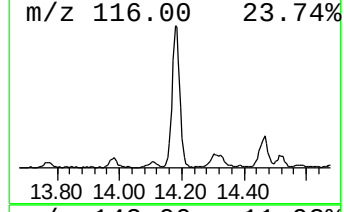
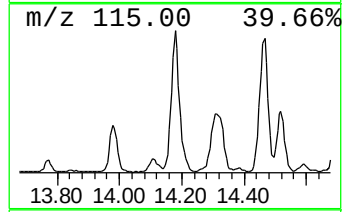
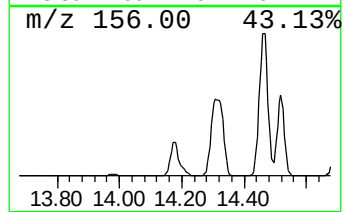
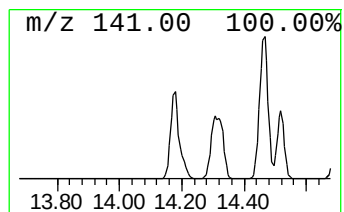
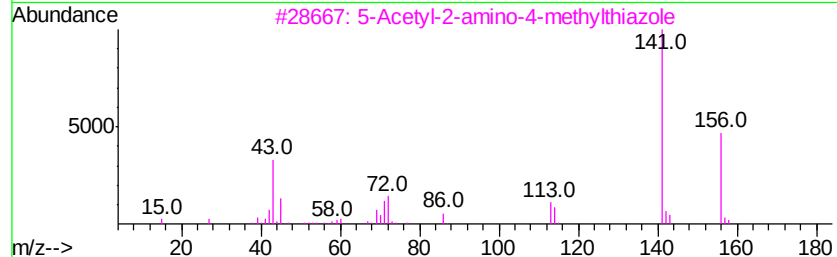
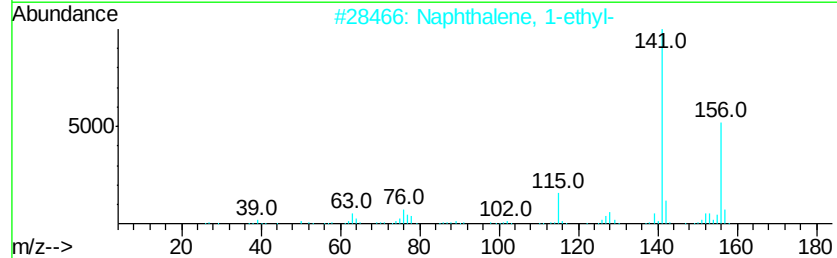
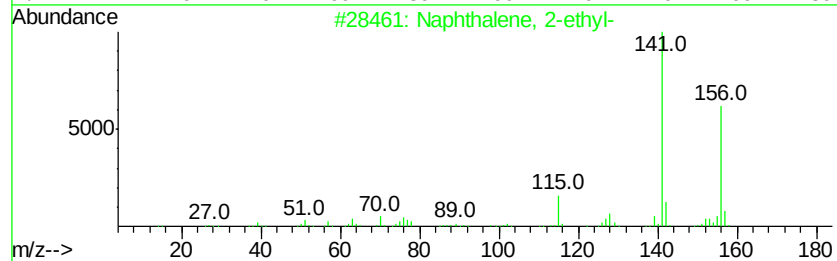
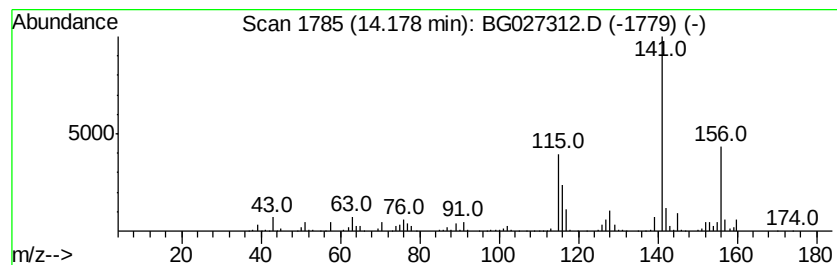
Instrument :
BNA_G
ClientSampleId :
R1-MW-6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	30.77 ng	1114710	Acenaphthene-d10	15.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 92
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 92
3		5-Acetyl-2-amino-4-methylthiazole	156 C6H8N2OS	030748-47-1 43
4		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 43
5		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R1-MW-6

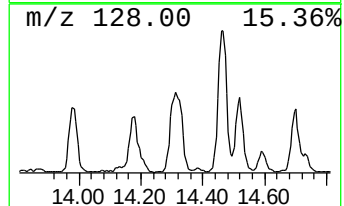
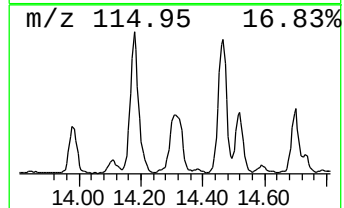
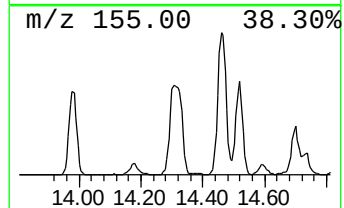
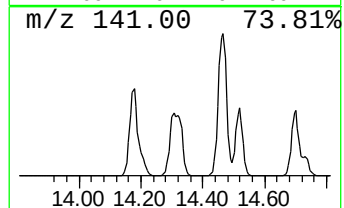
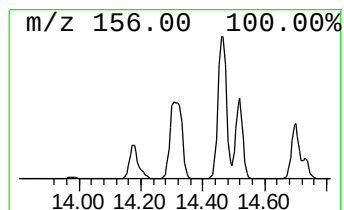
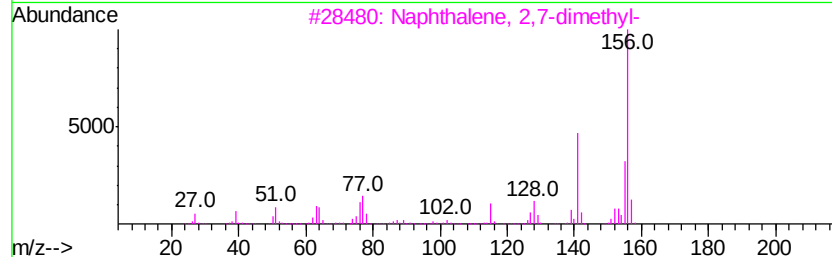
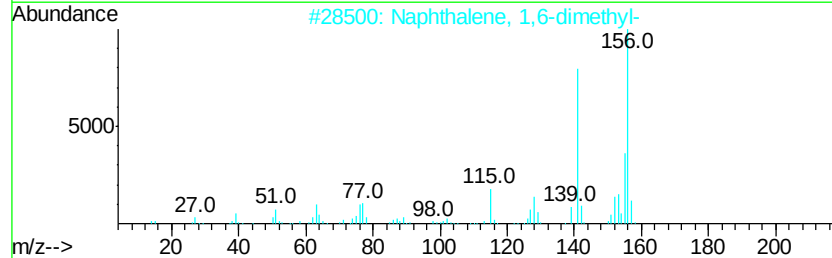
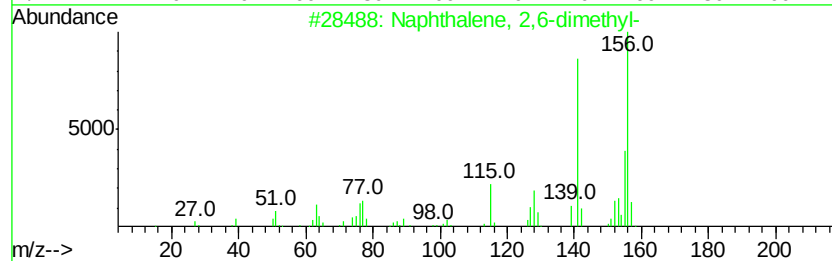
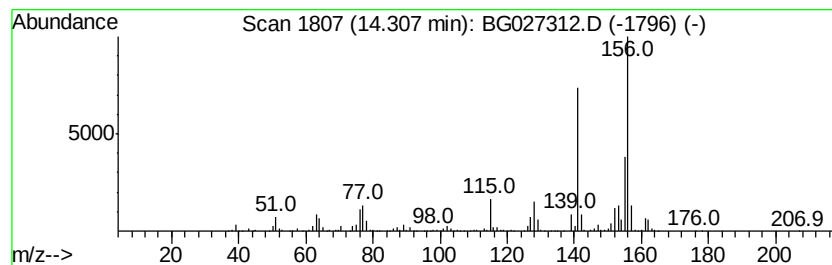
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	47.07 ng	1705230	Acenaphthene-d10	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R1-MW-6

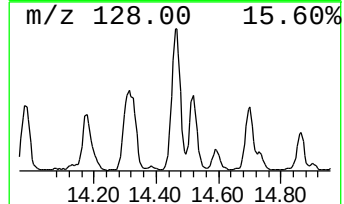
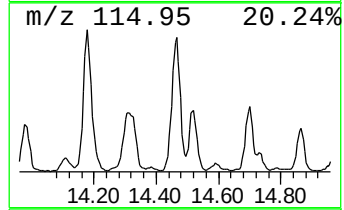
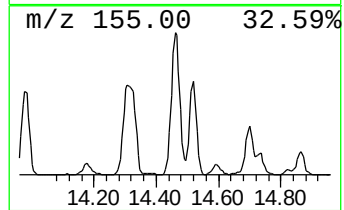
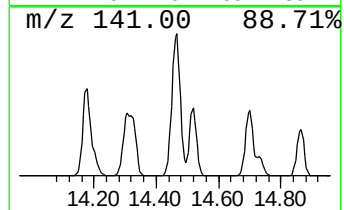
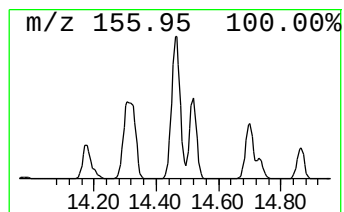
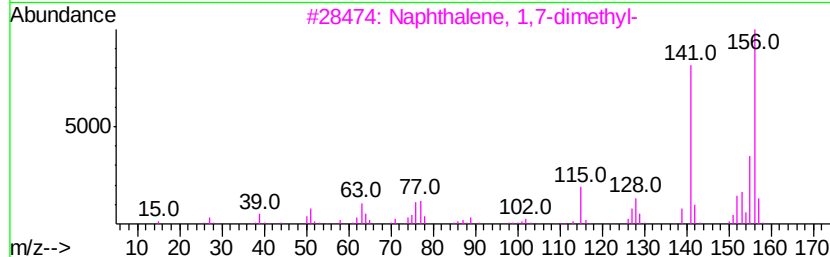
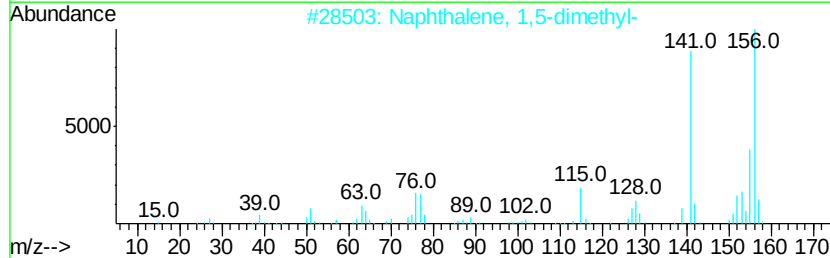
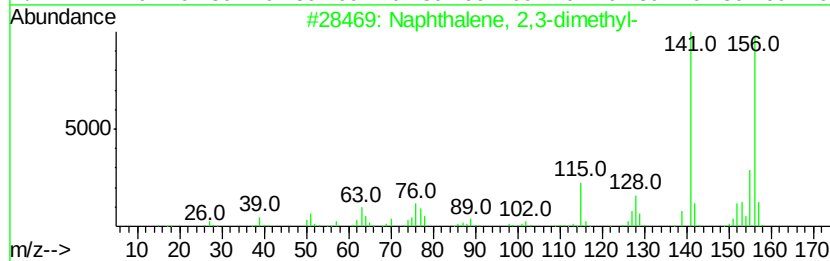
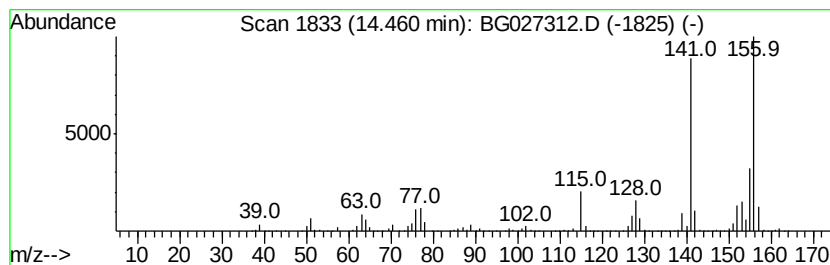
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	59.66 ng	2161410	Acenaphthene-d10	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060717\
Data File : BG027312.D
Acq On : 8 Jun 2017 10:43
Operator : SJ/MA
Sample : I3473-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R1-MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown8.10	8.10	20.3	ng	1604060	1	8.57	1578800	20.0
Benzene, 1-etheny...	8.30	12.2	ng	961168	1	8.57	1578800	20.0
Benzene, 2-propenyl-	8.74	12.8	ng	1011670	1	8.57	1578800	20.0
Indane	8.94	23.9	ng	1887660	1	8.57	1578800	20.0
2-Methylindene	10.88	2.0	ng	5580870	2	11.41	55037000	20.0
Naphthalene, 1-me...	13.23	4.6	ng	12561400	2	11.41	55037000	20.0
Naphthalene, 2-et...	14.18	30.8	ng	1114710	3	15.14	724570	20.0
Naphthalene, 2,6-...	14.31	47.1	ng	1705230	3	15.14	724570	20.0
Naphthalene, 2,3-...	14.46	59.7	ng	2161410	3	15.14	724570	20.0