

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036140.D
 Acq On : 6 Aug 2018 23:22
 Operator : JU/SJ
 Sample : J4303-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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	5.127	307	313	321	rVB	30263	47401	1.56%	0.357%
2	5.596	386	393	407	rBV	226418	431069	14.21%	3.251%
3	7.183	651	663	679	rBV	138687	318582	10.50%	2.402%
4	7.547	718	725	742	rVB	471725	869567	28.67%	6.557%
5	8.011	796	804	810	rBV	107332	185879	6.13%	1.402%
6	8.334	850	859	872	rBV	413453	767042	25.29%	5.784%
7	8.698	916	921	927	rVB2	20966	35267	1.16%	0.266%
8	9.174	995	1002	1018	rVB	341713	680302	22.43%	5.130%
9	9.356	1026	1033	1041	rBV8	23004	52633	1.74%	0.397%
10	9.462	1046	1051	1057	rVB	19774	32251	1.06%	0.243%
11	9.585	1065	1072	1079	rBV7	19646	43354	1.43%	0.327%
12	10.014	1136	1145	1153	rBV4	33266	85443	2.82%	0.644%
13	10.813	1271	1281	1287	rBV	125683	266657	8.79%	2.011%
14	10.866	1287	1290	1295	rVV6	27875	54285	1.79%	0.409%
15	10.919	1295	1299	1306	rVB4	22432	49619	1.64%	0.374%
16	11.113	1326	1332	1337	rBV3	18313	35537	1.17%	0.268%
17	11.271	1353	1359	1368	rVB3	67826	129073	4.26%	0.973%
18	11.389	1373	1379	1386	rVB2	54368	95808	3.16%	0.722%
19	11.512	1390	1400	1401	rBV8	12689	31278	1.03%	0.236%
20	11.712	1428	1434	1440	rVB4	19469	36415	1.20%	0.275%
21	12.129	1501	1505	1511	rVB3	23572	39125	1.29%	0.295%
22	12.346	1535	1542	1547	rVB6	17335	39571	1.30%	0.298%
23	12.716	1599	1605	1609	rBV5	41637	75524	2.49%	0.569%
24	12.787	1615	1617	1622	rVB3	32333	40303	1.33%	0.304%
25	12.875	1626	1632	1637	rBV5	12723	33175	1.09%	0.250%
26	12.975	1644	1649	1653	rVB5	21252	41692	1.37%	0.314%
27	13.022	1653	1657	1661	rVB3	27331	34610	1.14%	0.261%
28	13.257	1688	1697	1706	rBV	991090	1572828	51.85%	11.860%
29	13.574	1746	1751	1755	rVV6	24496	43511	1.43%	0.328%
30	14.631	1924	1931	1939	rBV2	219556	384615	12.68%	2.900%
31	15.330	2045	2050	2055	rBV	71076	111664	3.68%	0.842%
32	16.000	2159	2164	2175	rVB6	34143	83757	2.76%	0.632%
33	16.123	2176	2185	2194	rBV	1017483	1604021	52.88%	12.095%
34	17.381	2392	2399	2406	rBV2	331014	521754	17.20%	3.934%

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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	18.262	2545	2549	2558	rBV5	46956	93659	3.09%	0.706%
36	19.531	2761	2765	2770	rBV7	29080	53039	1.75%	0.400%
37	19.989	2837	2843	2850	rBV	2251258	3033408	100.00%	22.874%
38	21.639	3118	3124	3132	rVB	372597	616917	20.34%	4.652%
39	24.823	3658	3666	3676	rVB2	210585	590896	19.48%	4.456%

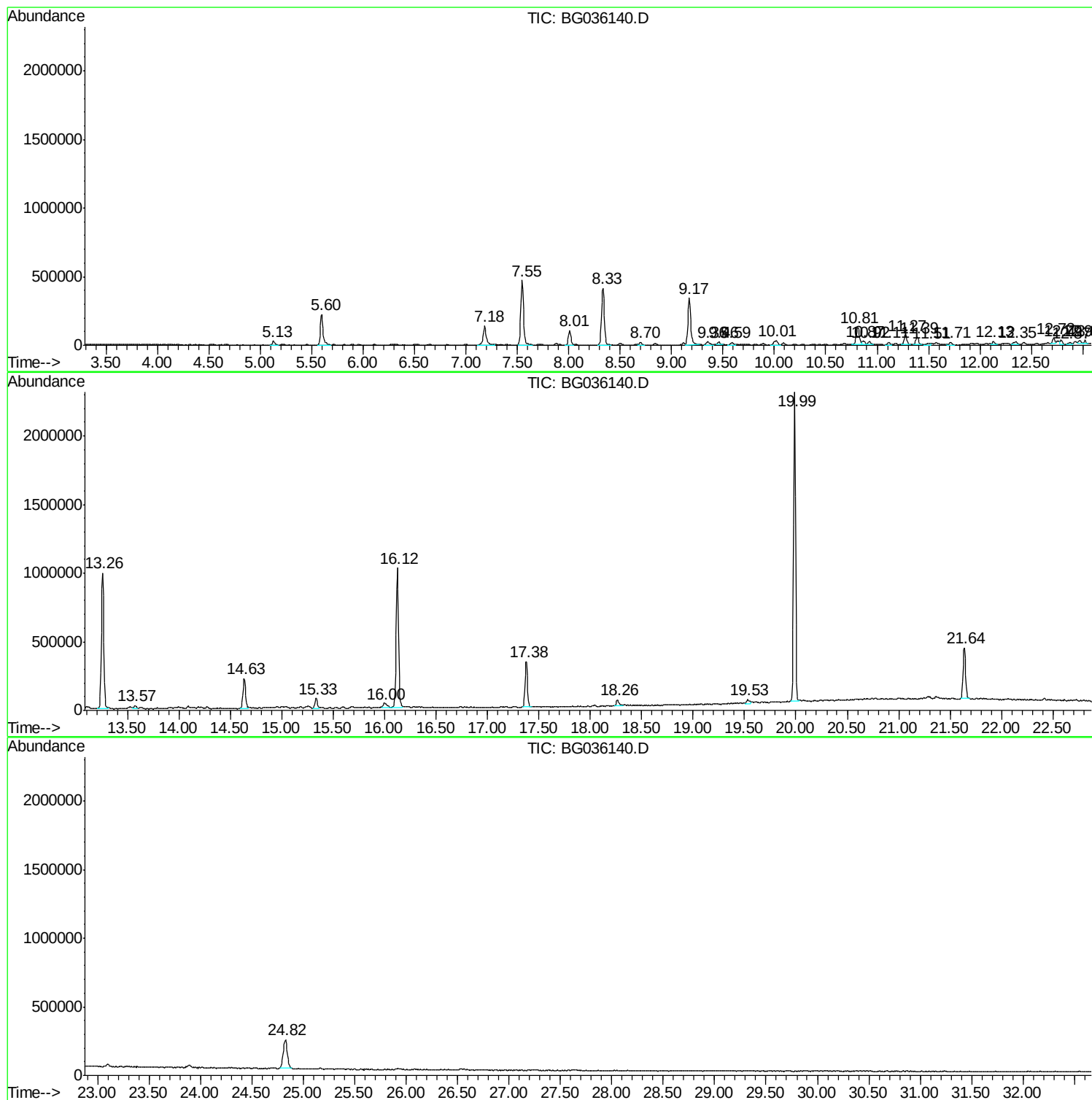
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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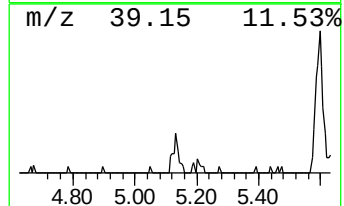
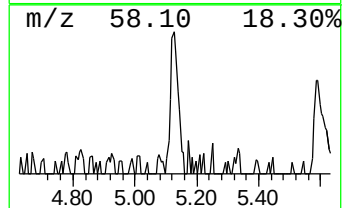
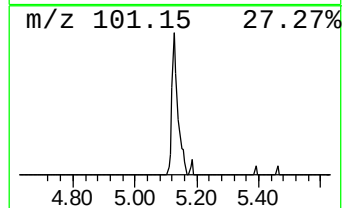
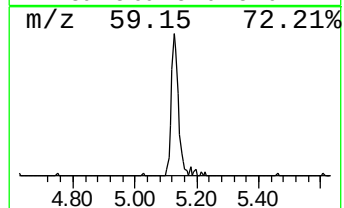
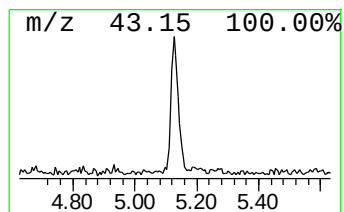
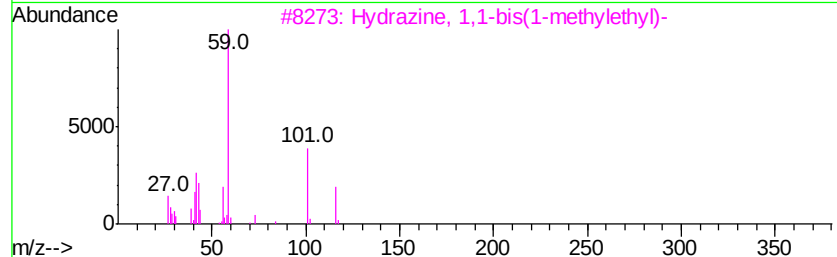
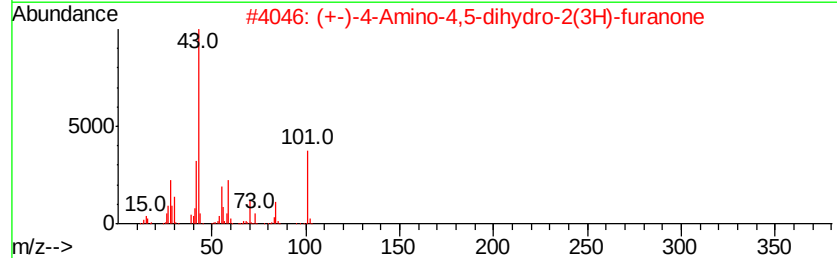
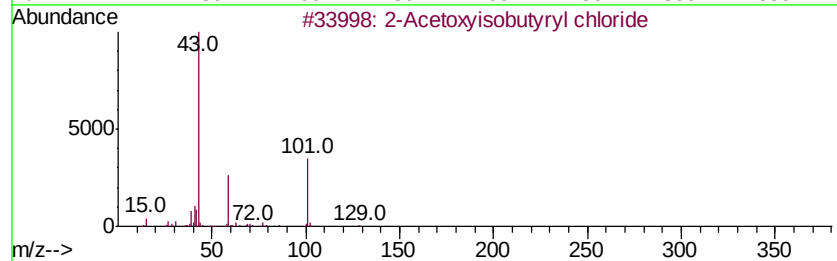
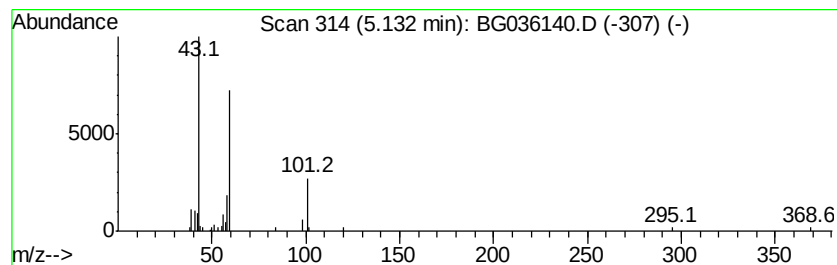
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Acetoxyisobutyryl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.10 ng	47401	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	53
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	53
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
5		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36



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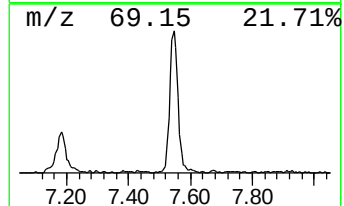
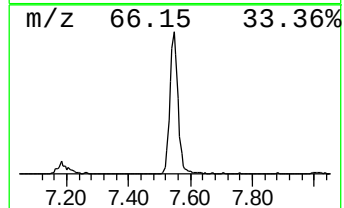
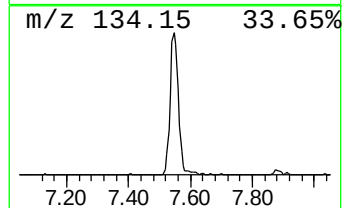
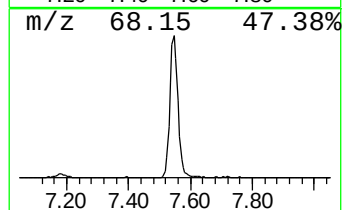
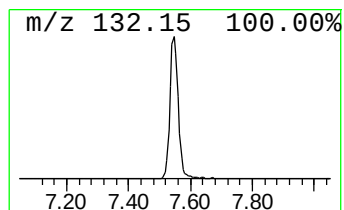
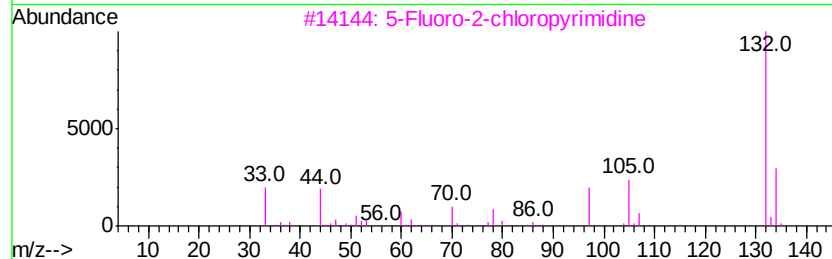
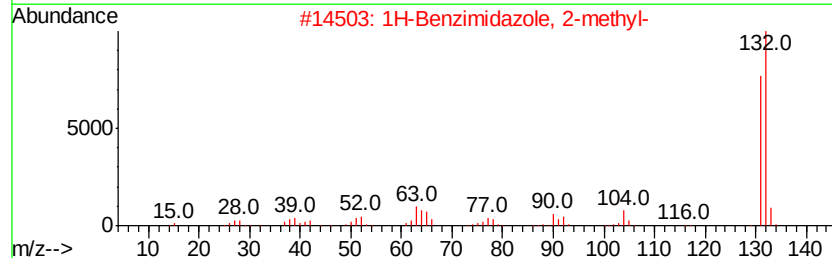
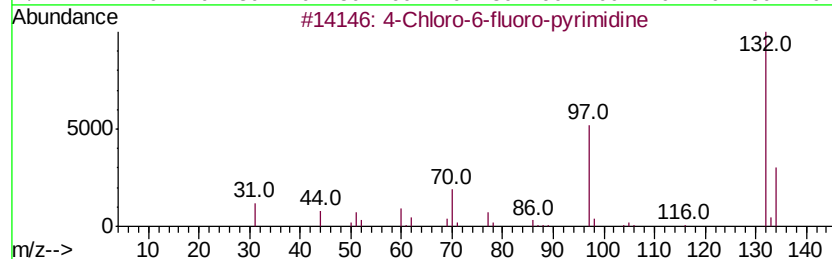
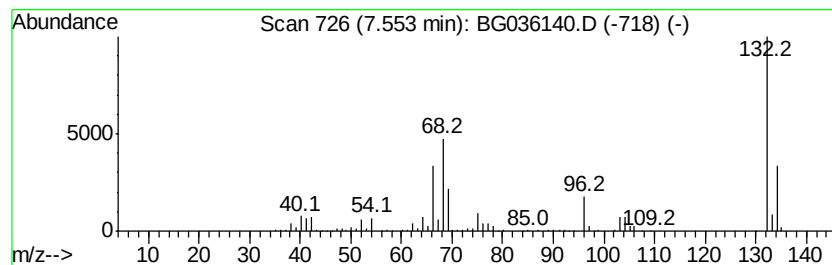
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Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	93.56 ng	869567	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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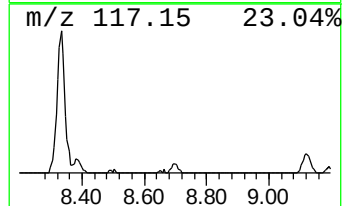
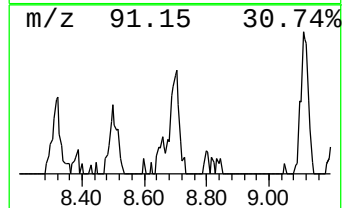
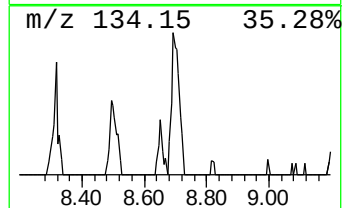
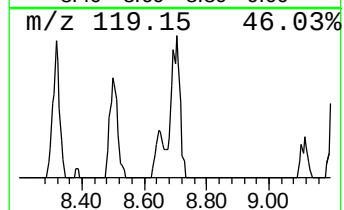
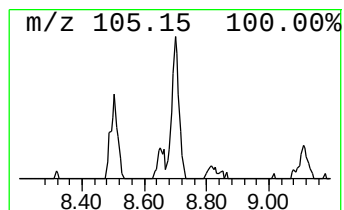
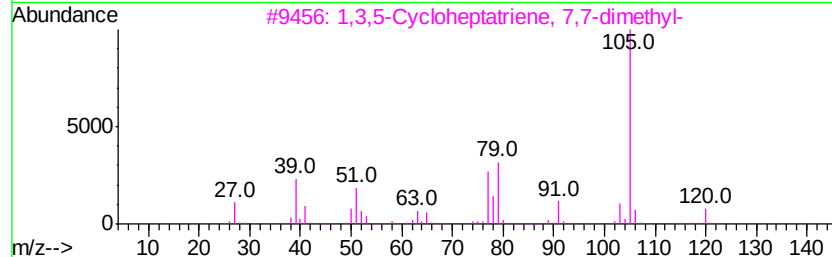
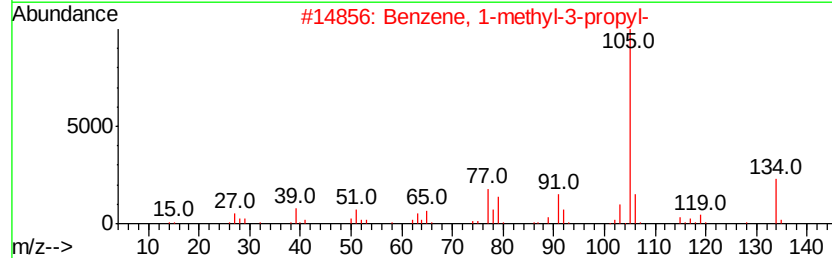
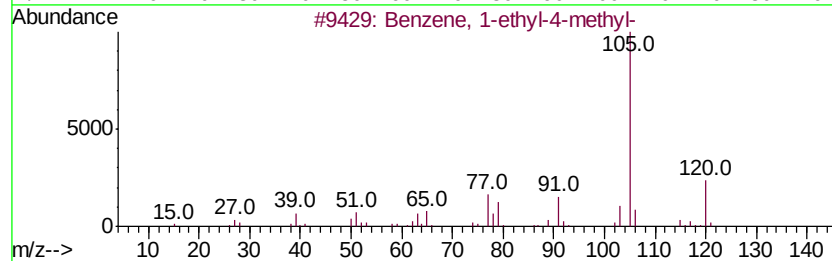
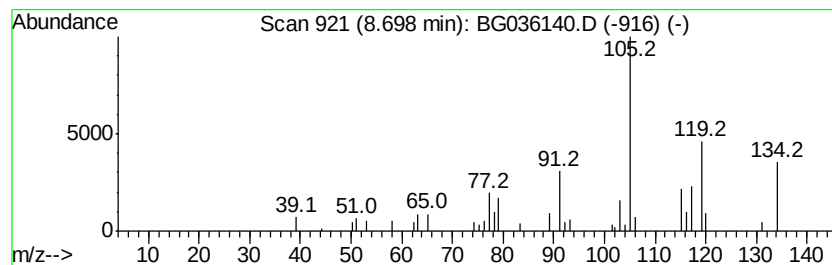
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown8.70 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.79 ng	35267	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	30
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	25
3		1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	22
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	22
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	22



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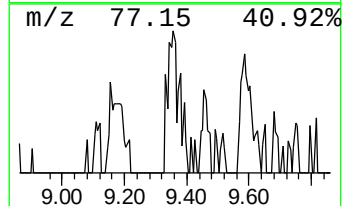
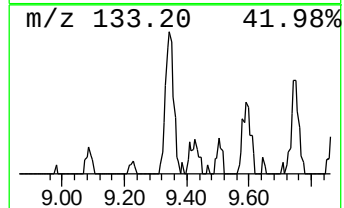
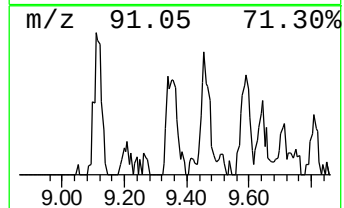
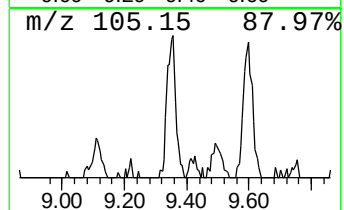
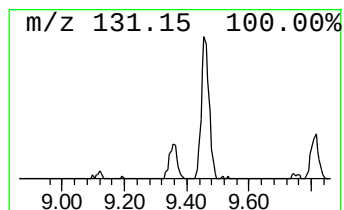
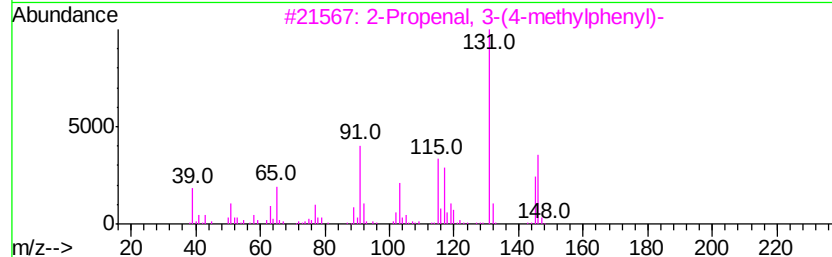
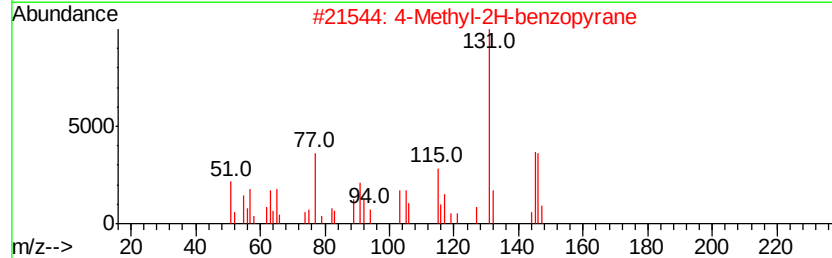
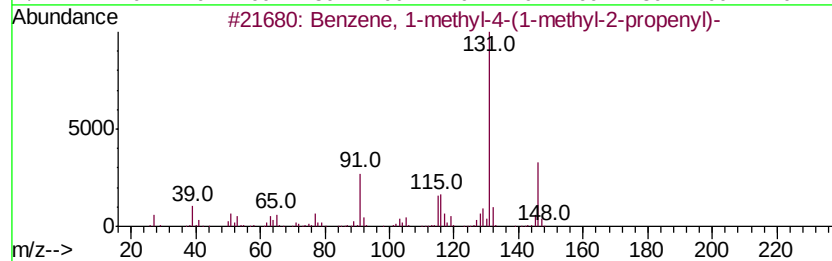
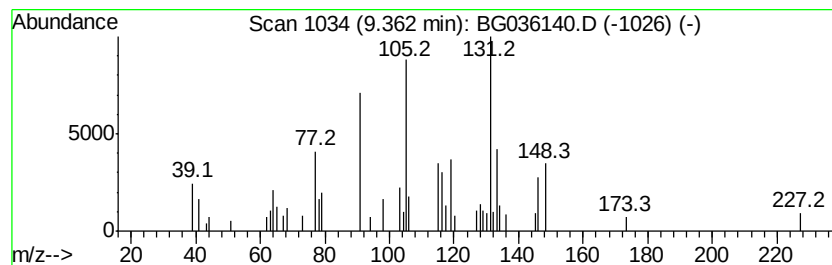
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown9.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	5.66 ng	52633	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	43
2		4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	43
3		2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38
4		1,1,3-Trimethyl-1-sila-4-thiacyc...	146	C6H14SSi	085465-24-3	35
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30



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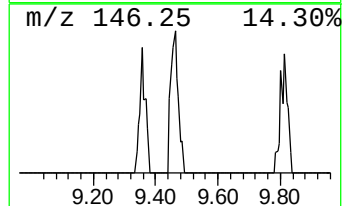
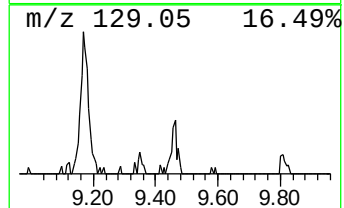
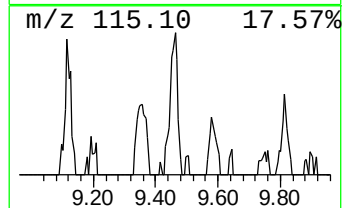
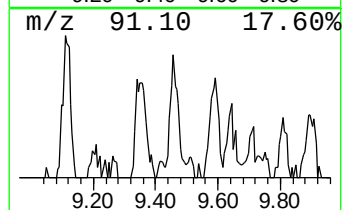
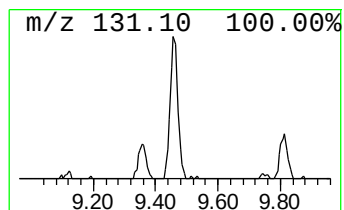
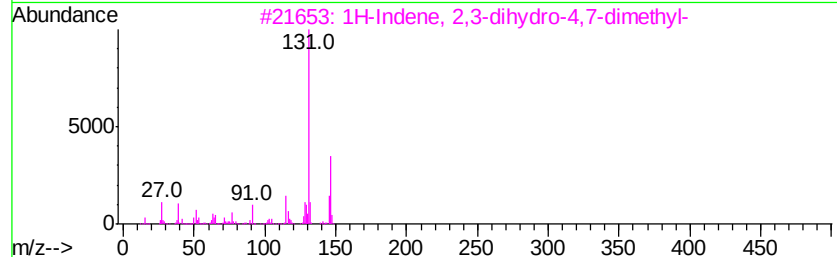
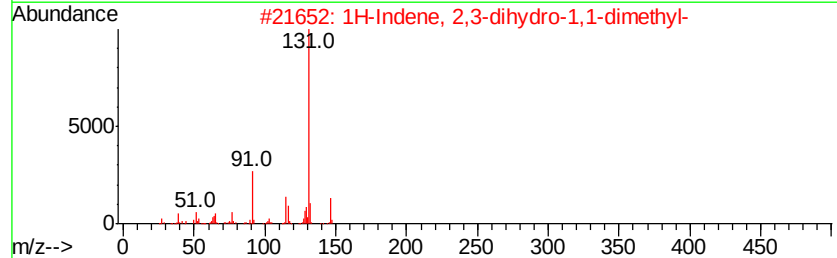
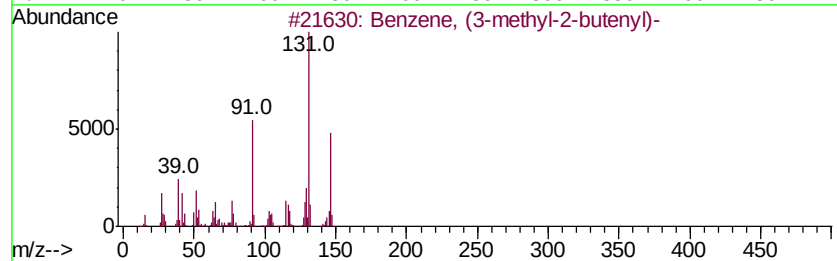
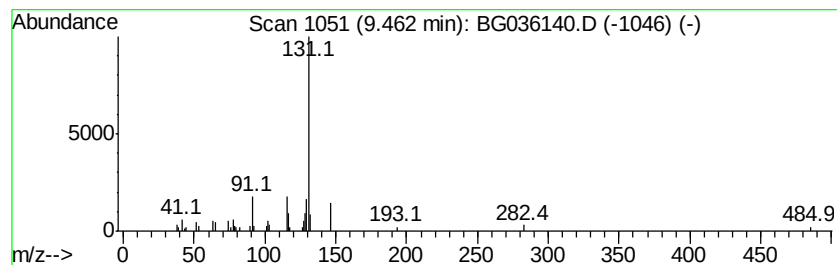
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Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.42 ng	32251	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-28

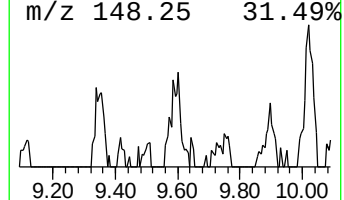
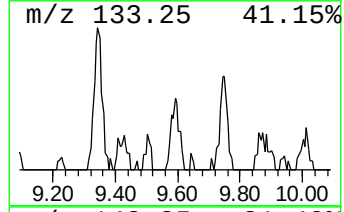
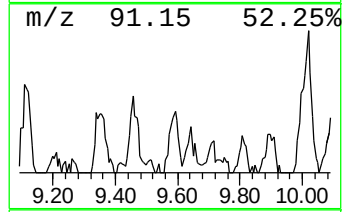
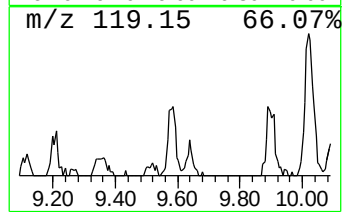
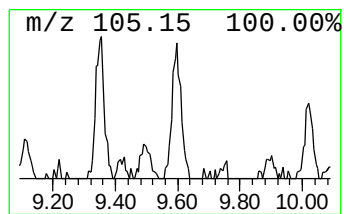
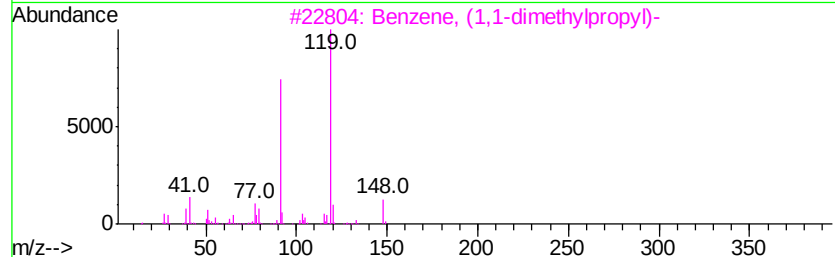
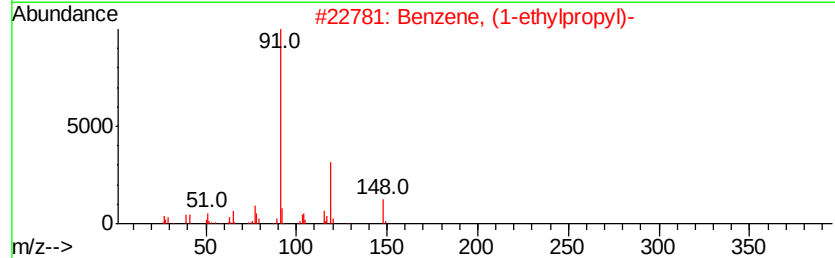
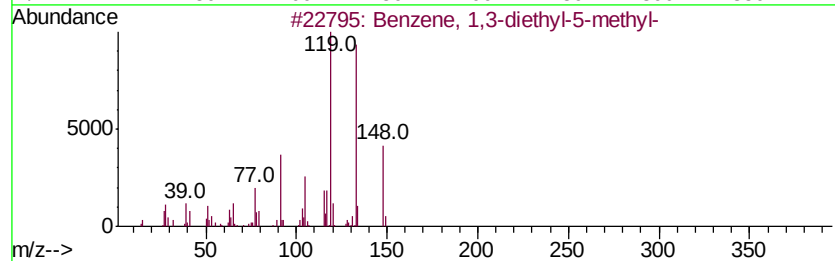
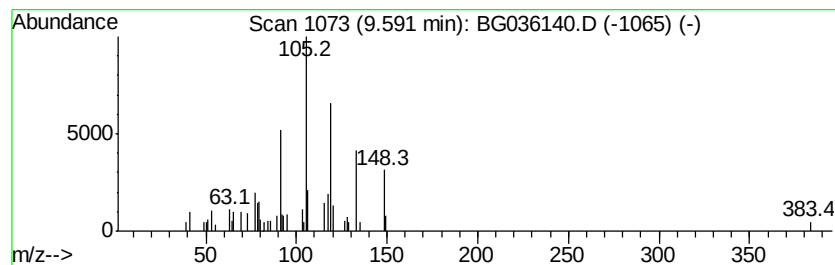
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	3.25 ng	43354	Napthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	80
2		Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	58
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
4		Benzeneacetaldehyde, .alpha.,.al...	148	C10H12O	003805-10-5	49
5		3,4-Dihydro-2-quinoxalinal	148	C8H8N2O	1000332-36-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-28

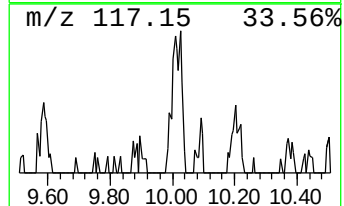
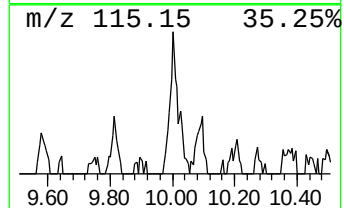
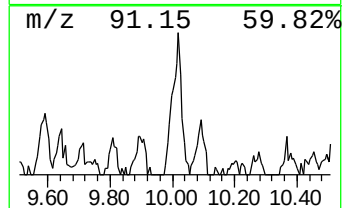
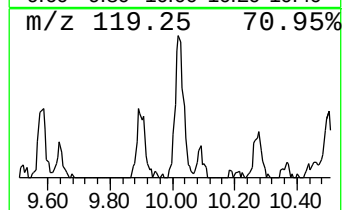
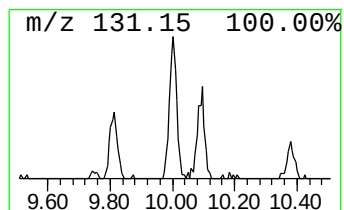
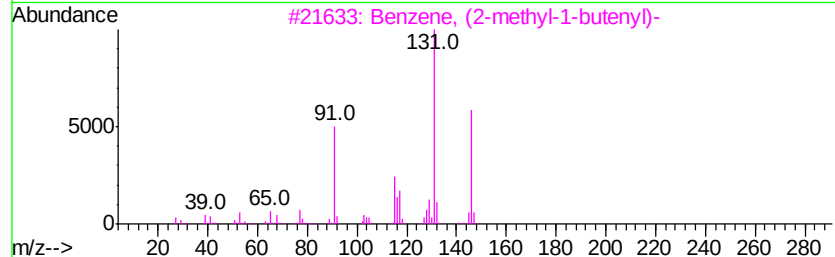
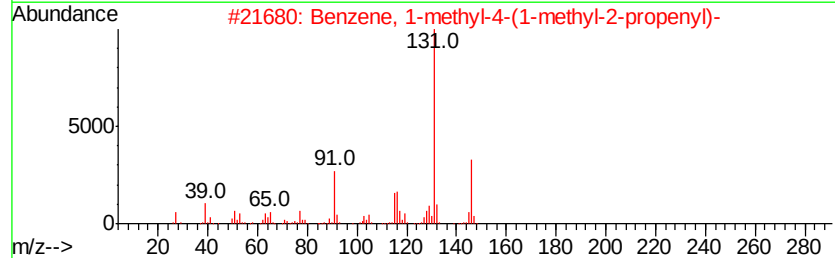
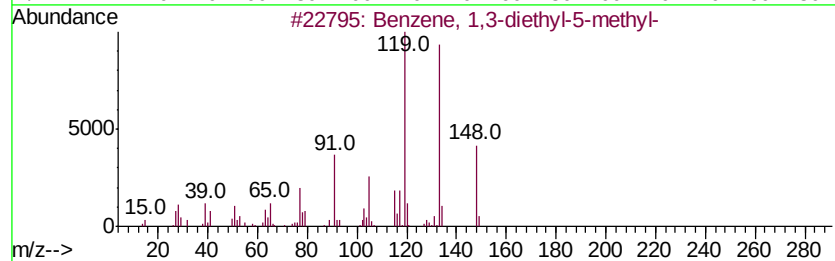
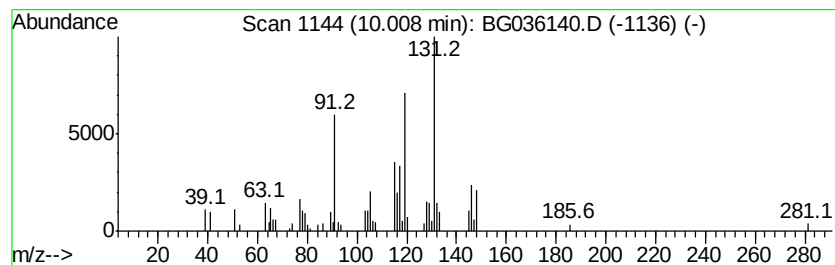
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	6.41 ng	85443	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	38
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

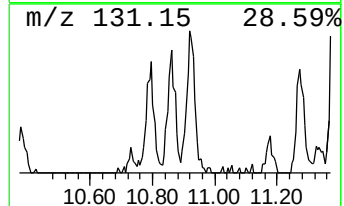
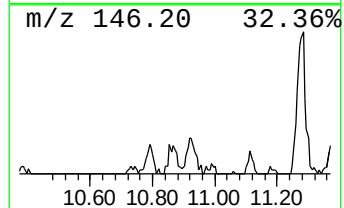
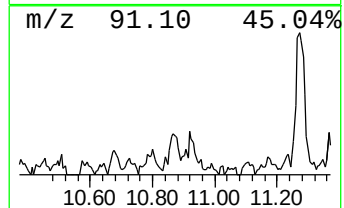
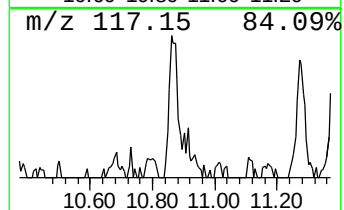
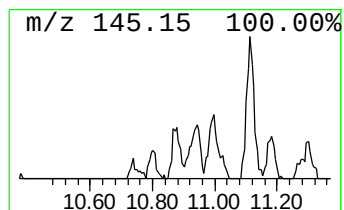
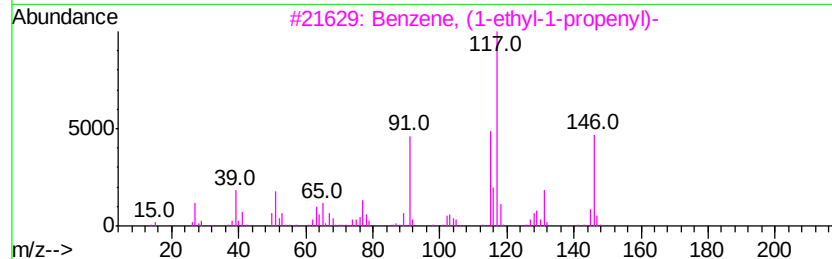
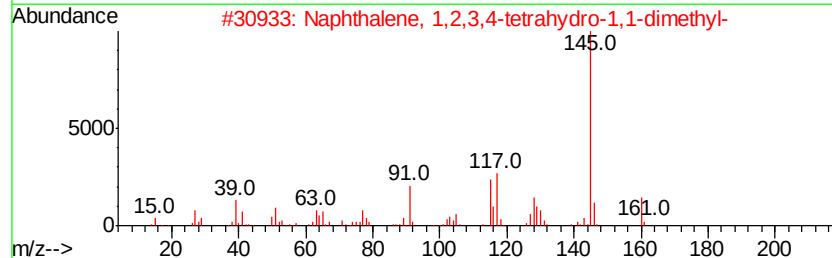
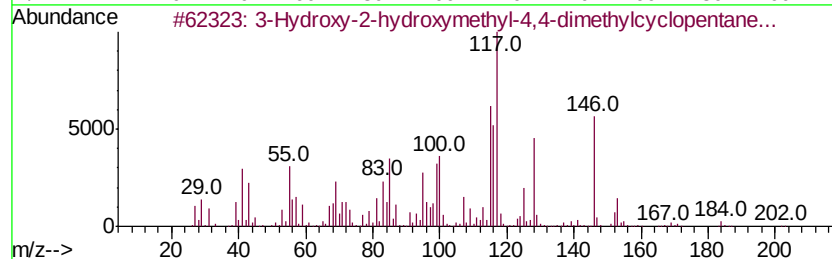
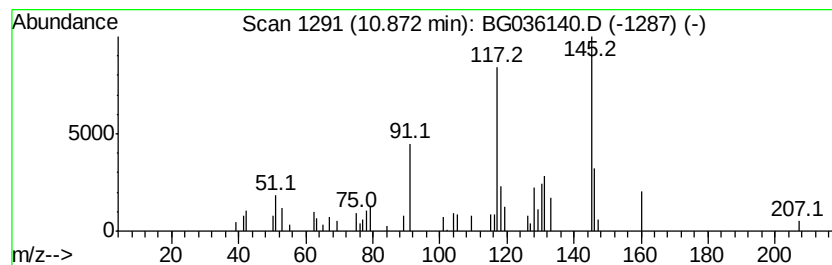
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.87	4.07 ng	54285	Naphthalene-d8	10.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-2-hydroxymethyl-4,4-di...	202	C10H18O4	1000195-41-6	43
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	38
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	38
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	38
5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-28

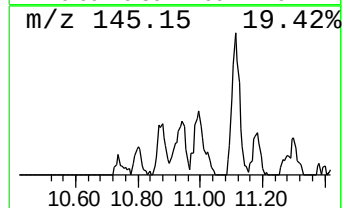
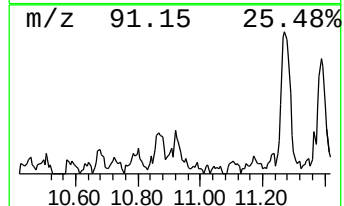
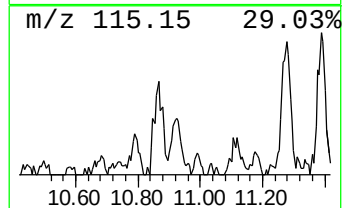
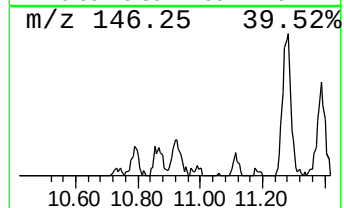
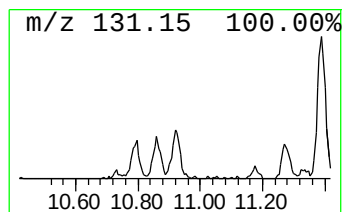
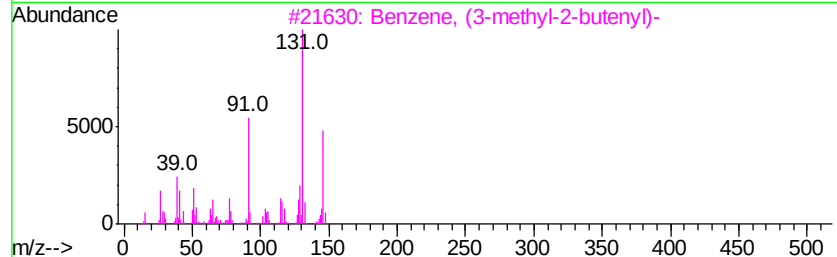
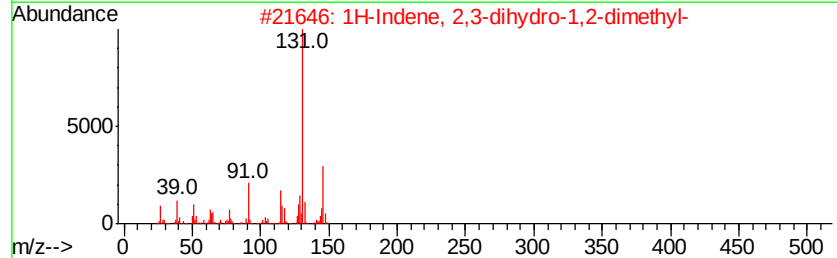
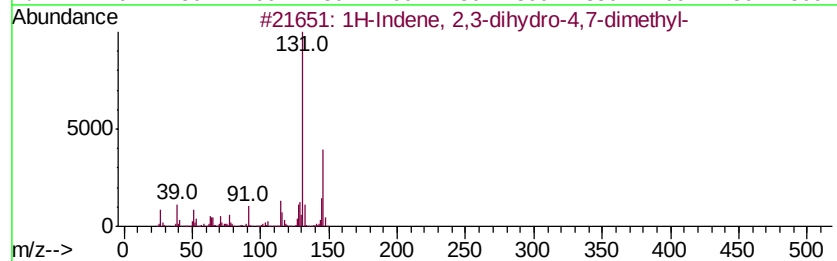
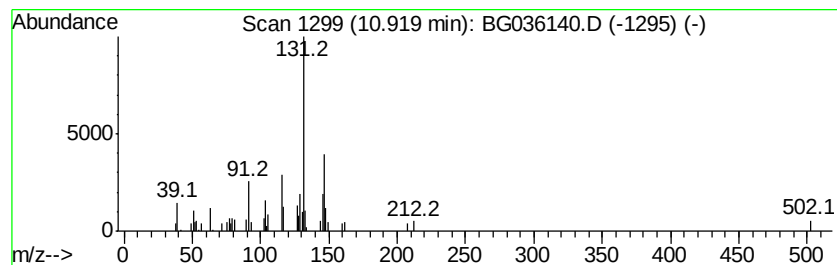
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.72 ng	49619	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	80
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	68
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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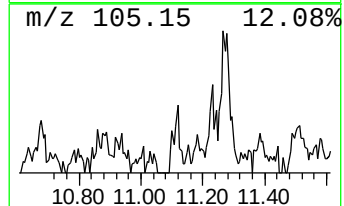
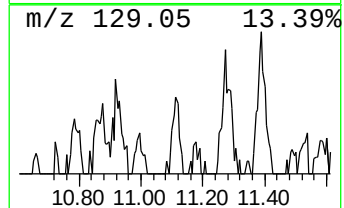
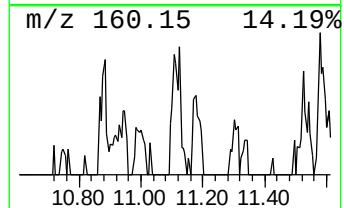
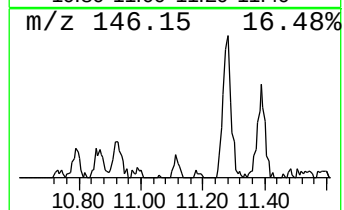
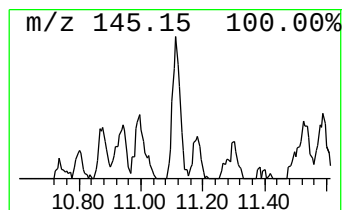
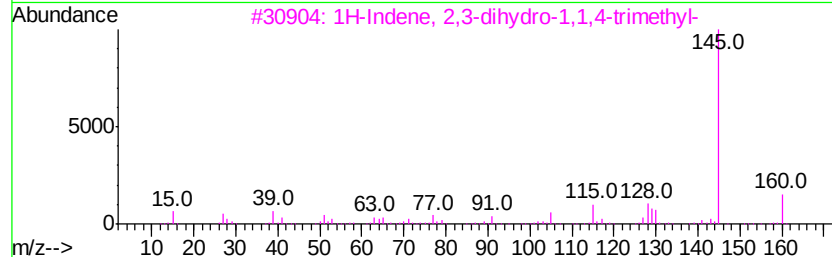
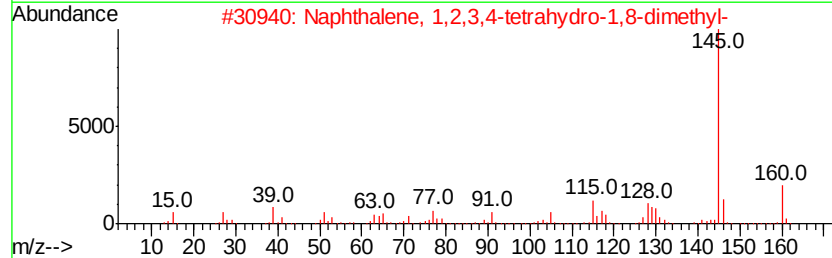
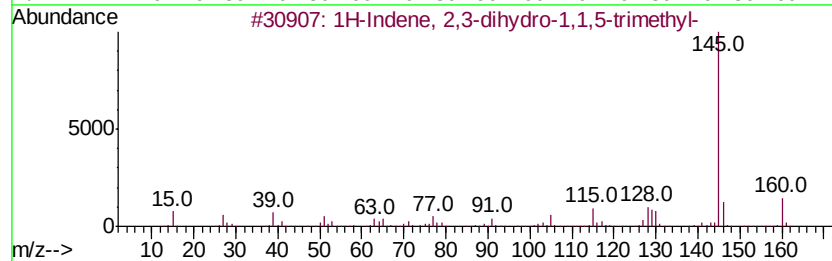
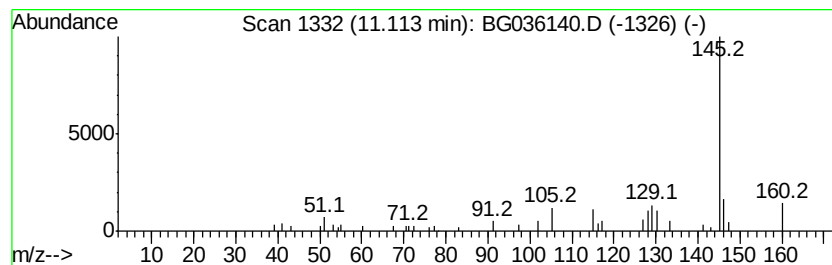
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.67 ng	35537	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3		1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	87
4		1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	83
5		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
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Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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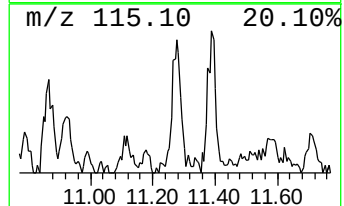
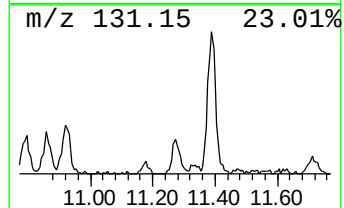
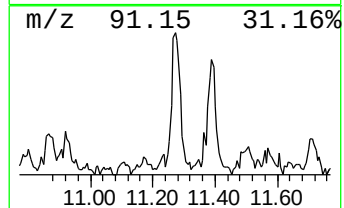
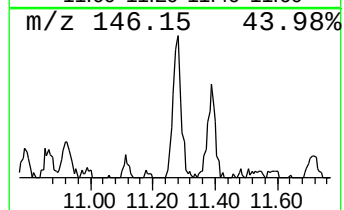
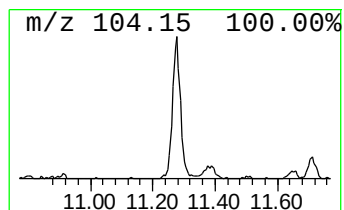
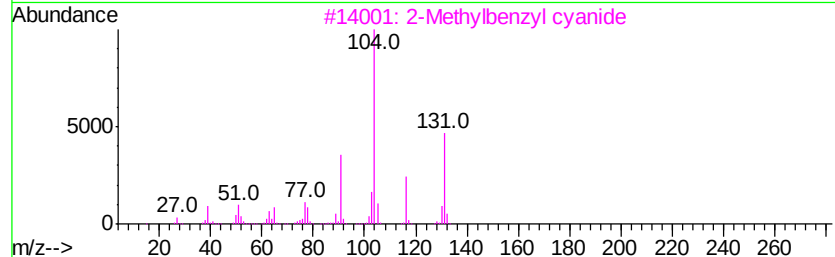
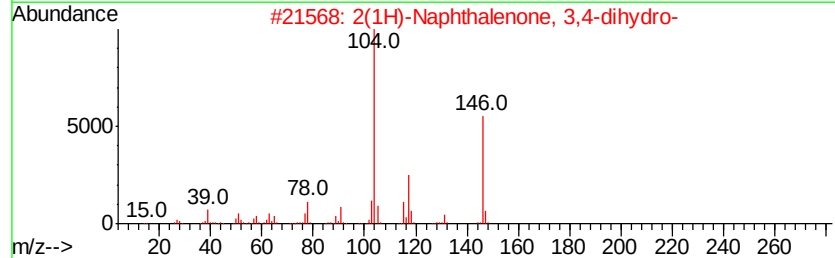
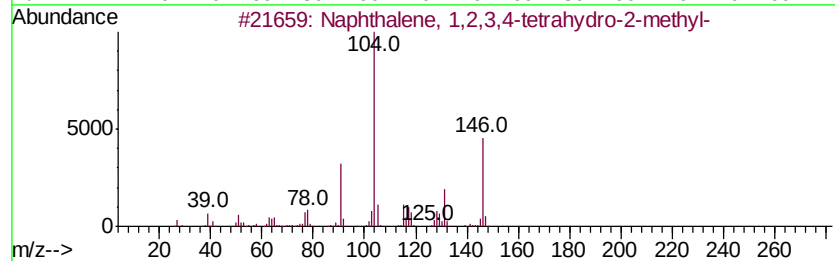
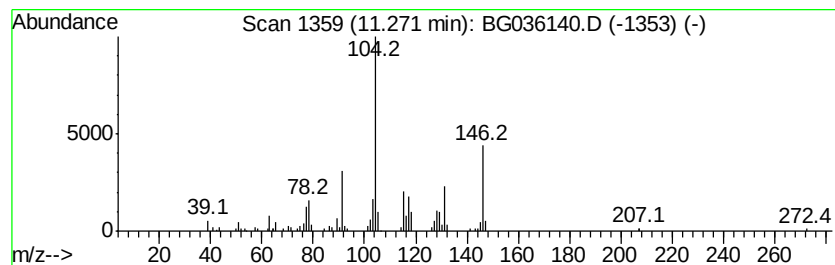
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	9.68 ng	129073	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	91
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	43
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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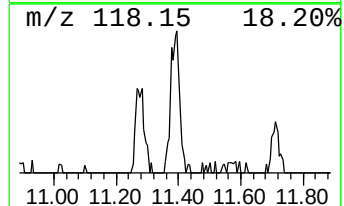
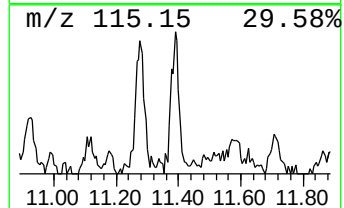
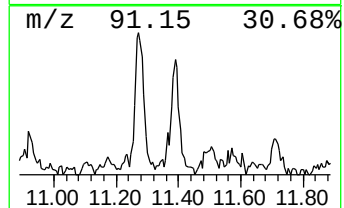
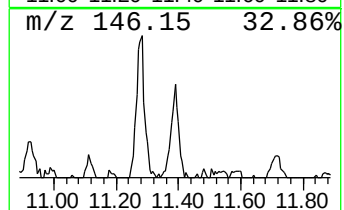
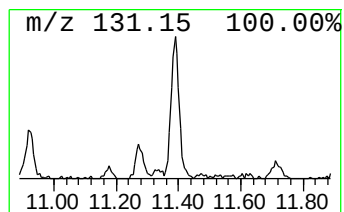
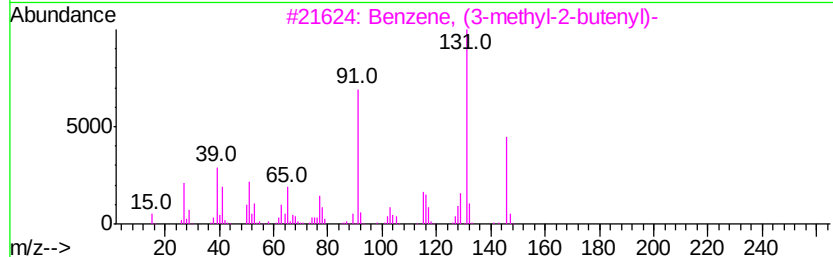
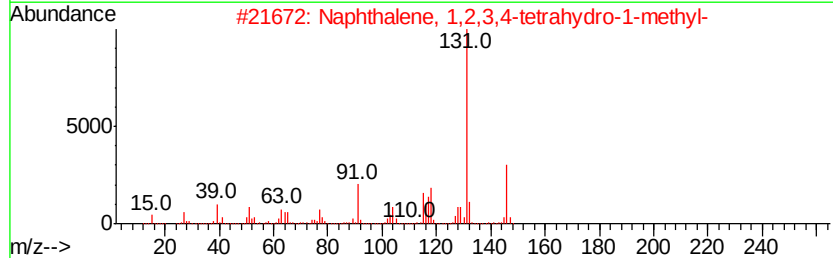
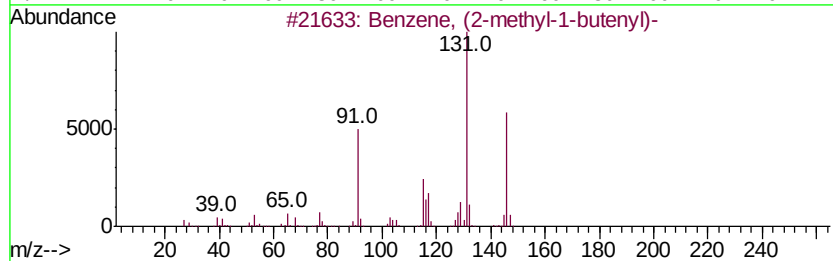
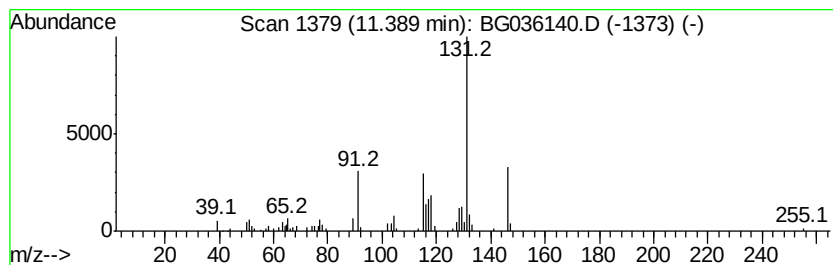
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	7.19 ng	95808	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

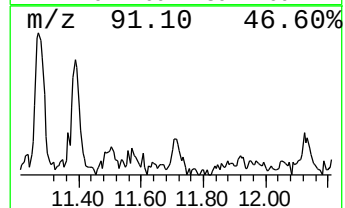
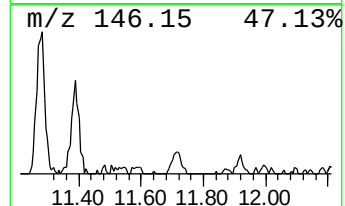
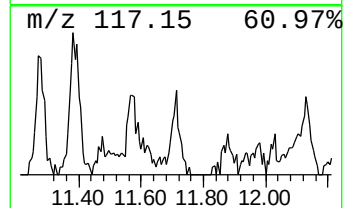
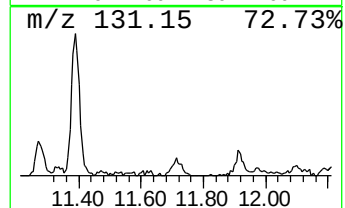
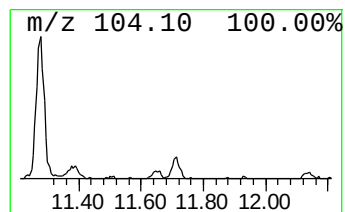
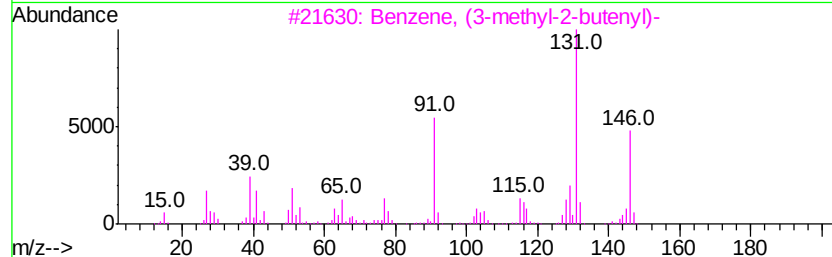
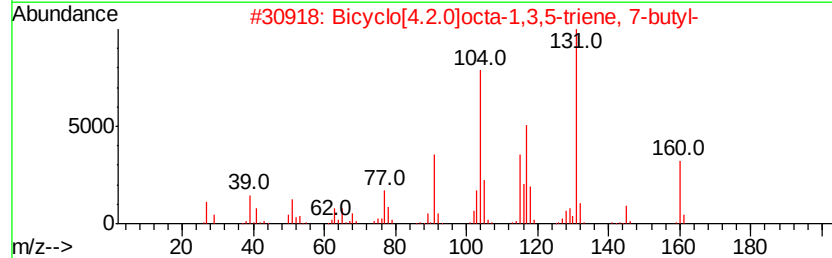
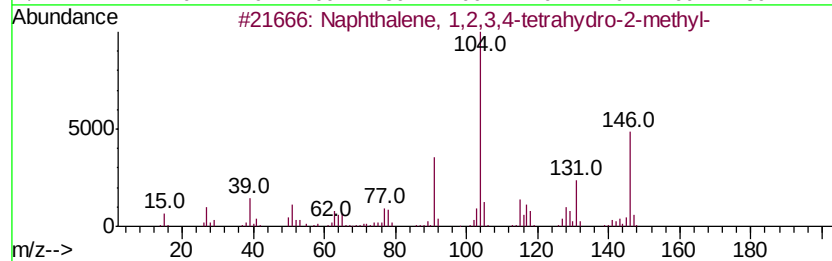
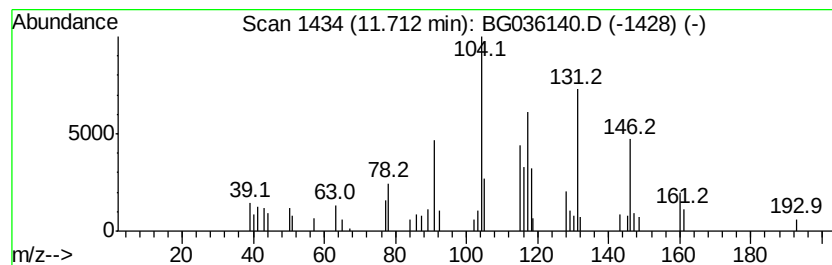
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.73 ng	36415	Naphthalene-d8	10.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 76
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	160 C12H16	078920-29-3 68
3		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 53
4		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 45
5		Naphthalene, 2-ethyl-1,2,3,4-tet...	160 C12H16	032367-54-7 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
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Sample : J4303-04
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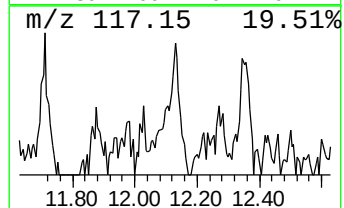
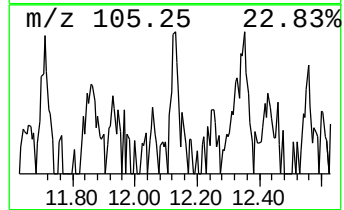
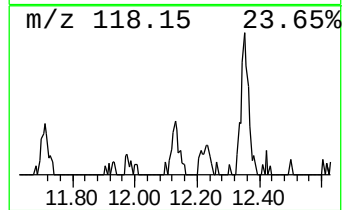
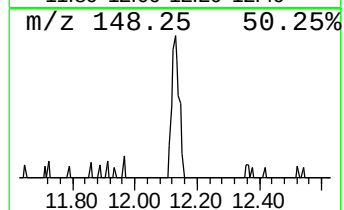
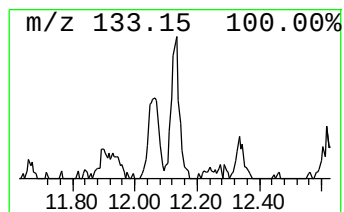
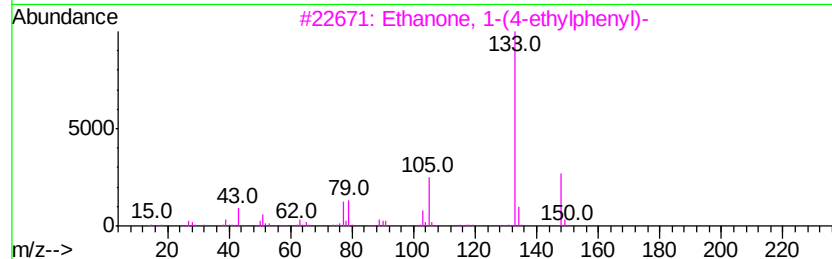
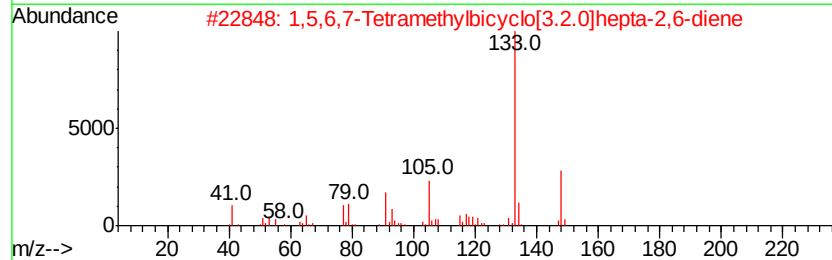
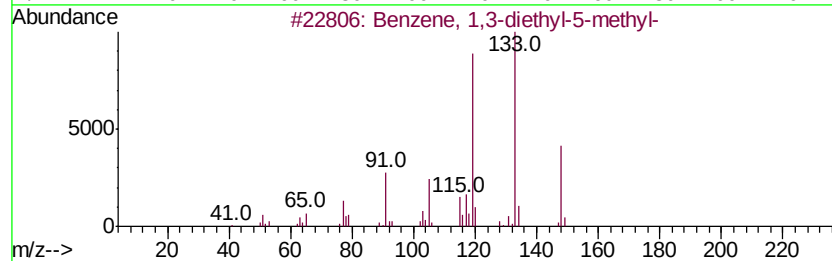
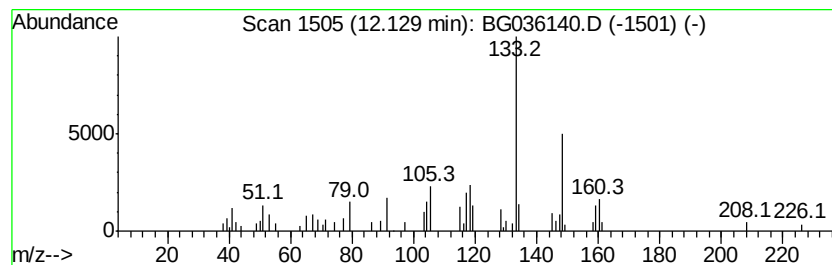
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,5,6,7-Tetramethylbicyclo[...] Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.13	2.93 ng	39125	Naphthalene-d8	10.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2	1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	50
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	49
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	49
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
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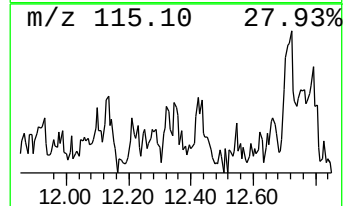
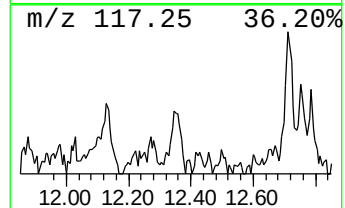
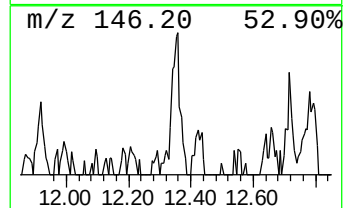
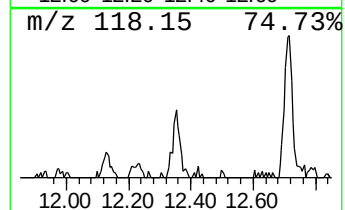
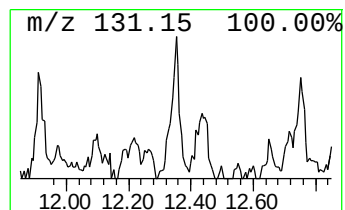
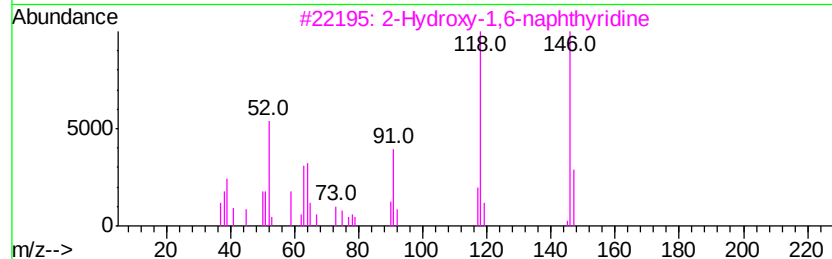
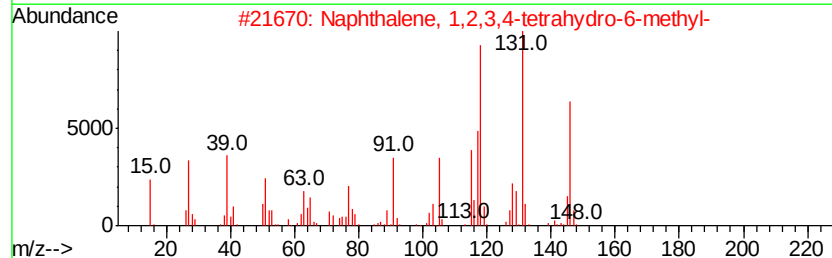
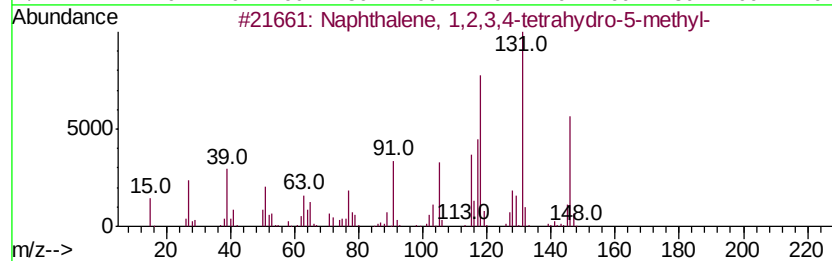
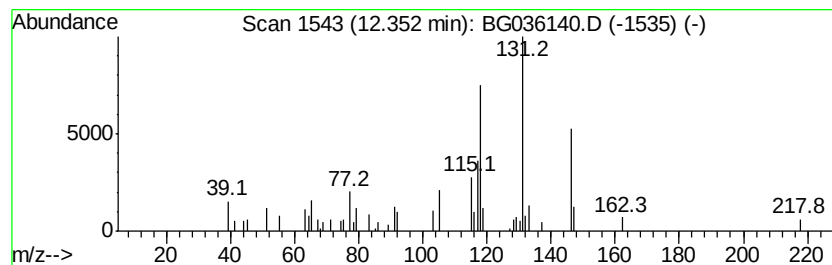
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.97 ng	39571	Naphthalene-d8	10.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	68
3		2-Hydroxy-1,6-naphthylidene	146	C8H6N2O	023616-29-7	30
4		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	27
5		Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
Acq On : 6 Aug 2018 23:22
Operator : JU/SJ
Sample : J4303-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

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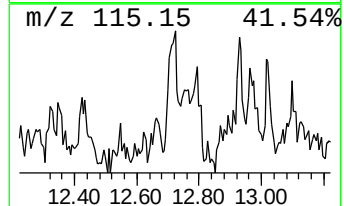
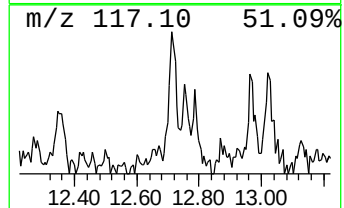
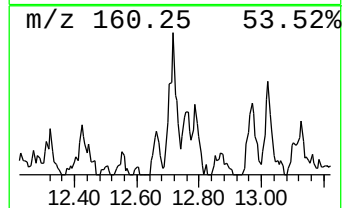
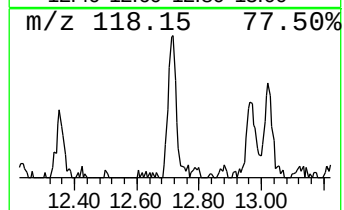
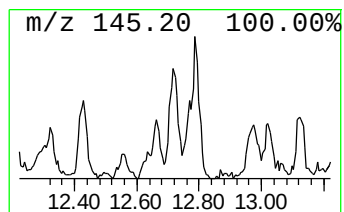
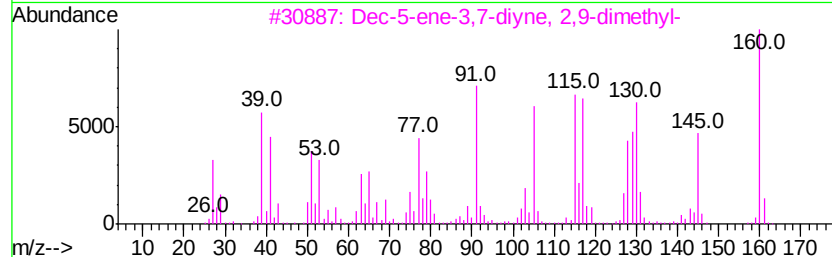
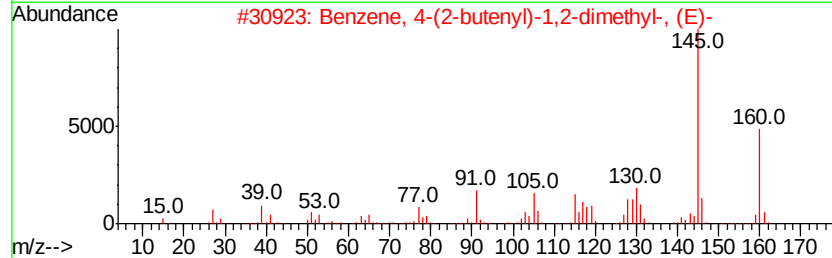
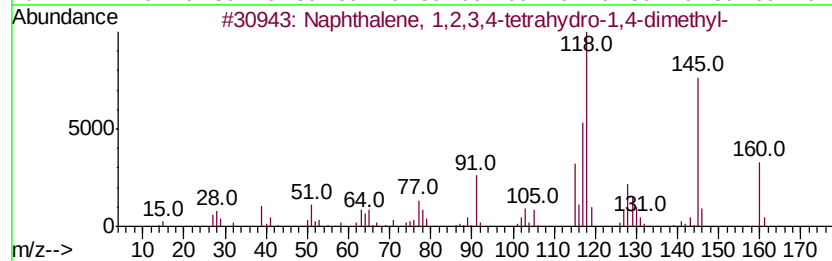
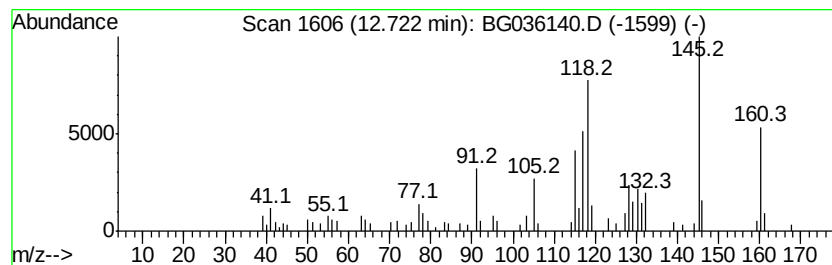
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.66 ng	75524	Naphthalene-d8	10.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
3			Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1000211-23-3	50
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
5			2,4-Diaminoquinazoline	160	C8H8N4	001899-48-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
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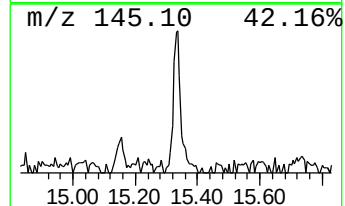
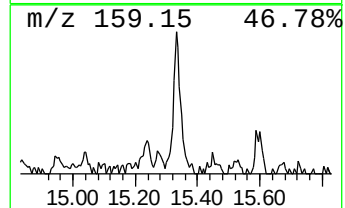
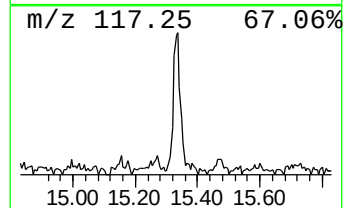
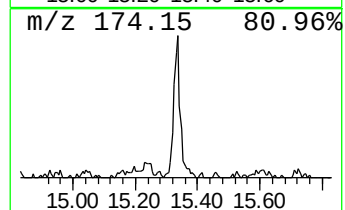
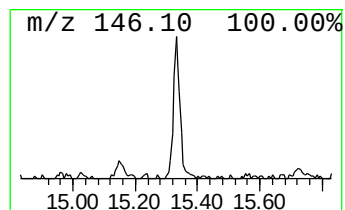
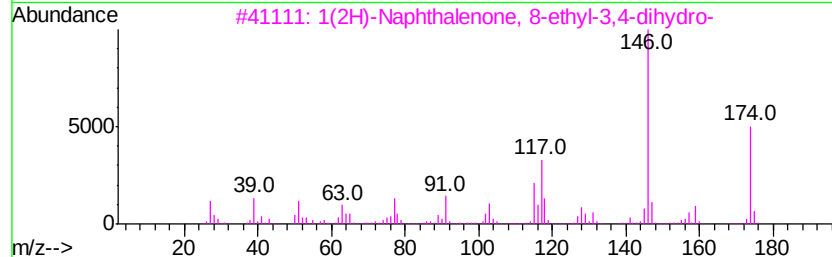
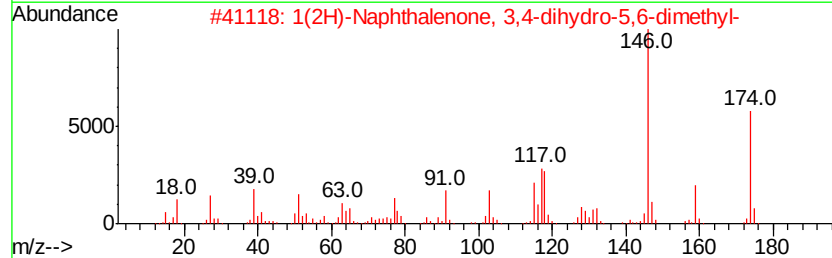
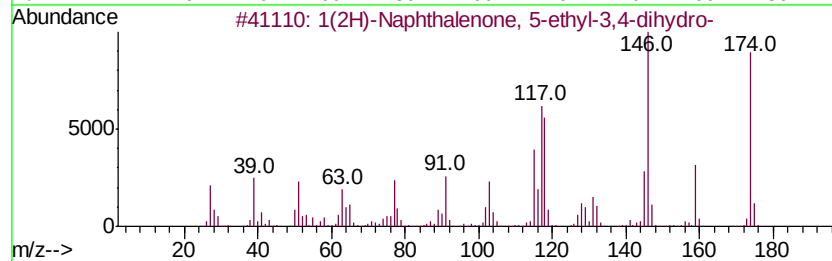
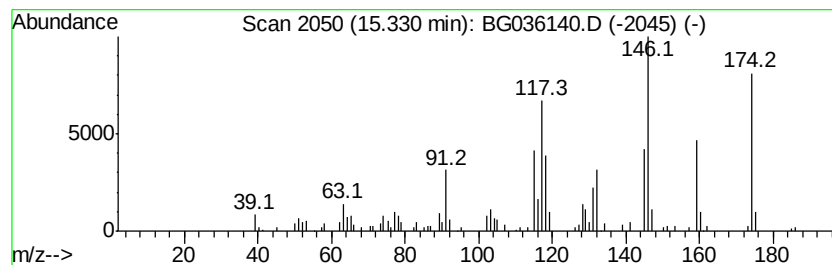
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.33	5.81 ng	111664	Acenaphthene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	89
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	81
3	1(2H)-Naphthalenone, 8-ethyl-3,4...	174	C12H14O	051015-33-9	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	70
5	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	030316-30-4	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
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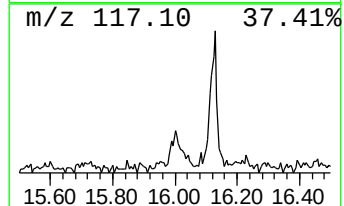
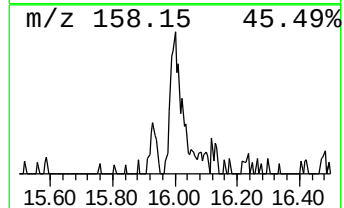
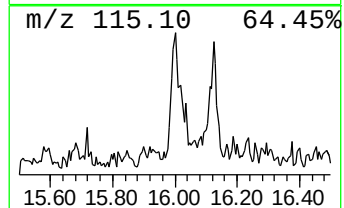
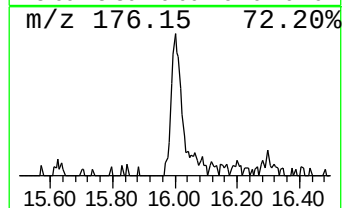
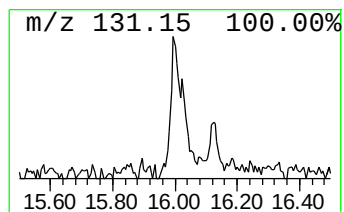
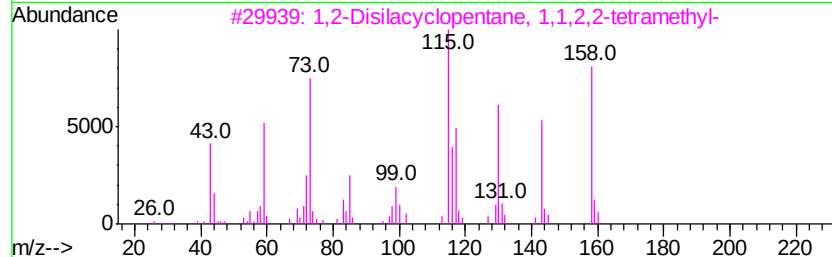
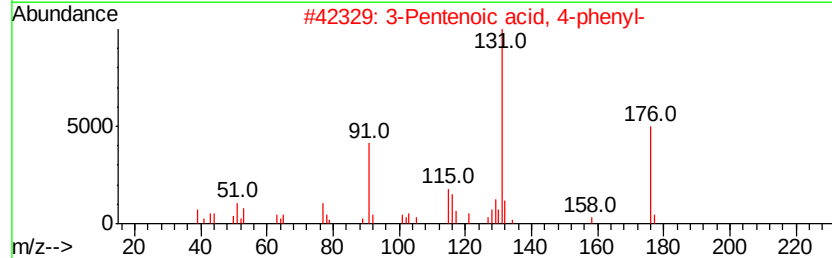
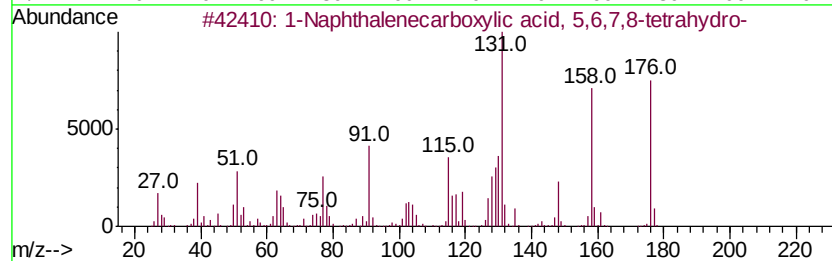
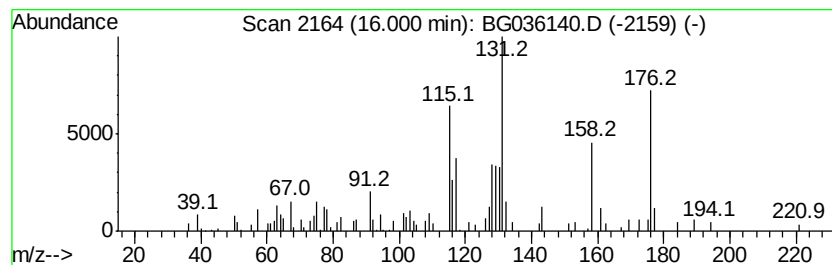
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.00	4.36 ng	83757	Acenaphthene-d10	14.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	91
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
3	1,2-Disilacyclopentane, 1,1,2,2-...	158	C7H18Si2	015003-82-4	43
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	35
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036140.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
MW-28

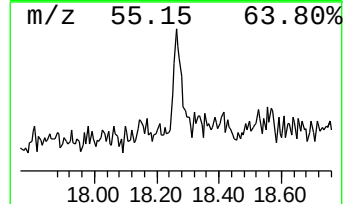
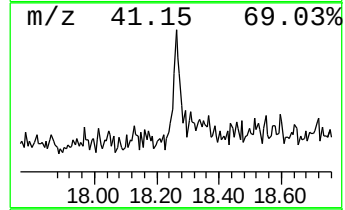
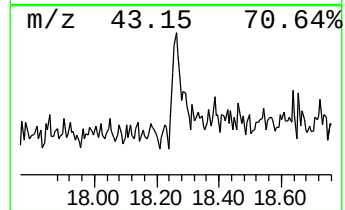
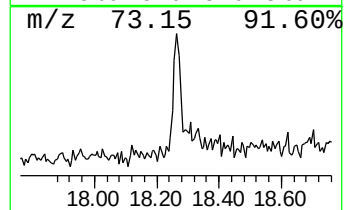
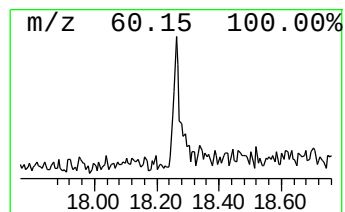
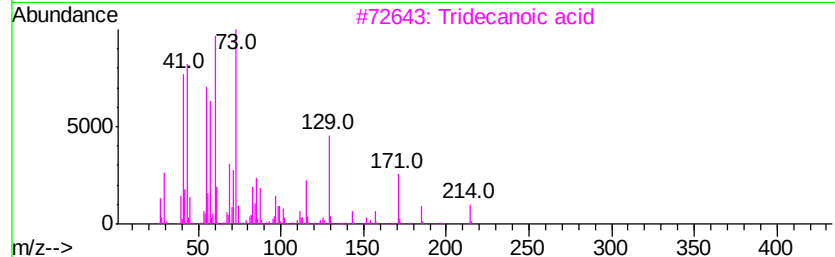
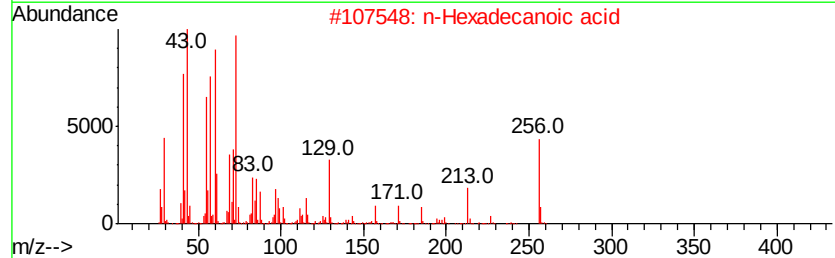
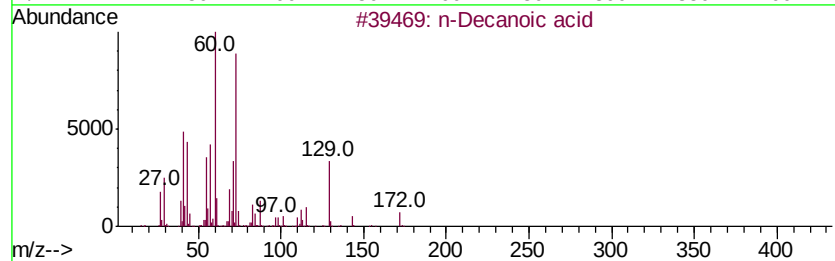
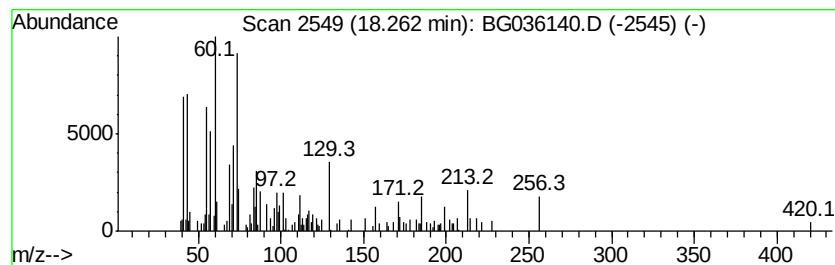
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Decanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	3.59 ng	93659	Phenanthrene-d10	17.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	70
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	49
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036140.D
 Acq On : 6 Aug 2018 23:22
 Operator : JU/SJ
 Sample : J4303-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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
2-Acetoxyisobutyr...	5.13	5.1 ng		47401	1	8.01	185879	20.0
unknown7.55	7.55	93.6 ng		869567	1	8.01	185879	20.0
unknown8.70	8.70	3.8 ng		35267	1	8.01	185879	20.0
unknown9.36	9.36	5.7 ng		52633	1	8.01	185879	20.0
Benzene, (3-methy...	9.46	2.4 ng		32251	2	10.81	266657	20.0
Benzene, 1,3-diet...	9.59	3.3 ng		43354	2	10.81	266657	20.0
unknown10.01	10.01	6.4 ng		85443	2	10.81	266657	20.0
unknown10.87	10.87	4.1 ng		54285	2	10.81	266657	20.0
1H-Indene, 2,3-di...	10.92	3.7 ng		49619	2	10.81	266657	20.0
1H-Indene, 2,3-di...	11.11	2.7 ng		35537	2	10.81	266657	20.0
Naphthalene, 1,2,...	11.27	9.7 ng		129073	2	10.81	266657	20.0
Benzene, (2-methy...	11.39	7.2 ng		95808	2	10.81	266657	20.0
Bicyclo[4.2.0]oct...	11.71	2.7 ng		36415	2	10.81	266657	20.0
1,5,6,7-Tetrameth...	12.13	2.9 ng		39125	2	10.81	266657	20.0
Naphthalene, 1,2,...	12.35	3.0 ng		39571	2	10.81	266657	20.0
Naphthalene, 1,2,...	12.72	5.7 ng		75524	2	10.81	266657	20.0
1(2H)-Naphthaleno...	15.33	5.8 ng		111664	3	14.63	384615	20.0
1-Naphthalenecarb...	16.00	4.4 ng		83757	3	14.63	384615	20.0
n-Decanoic acid	18.26	3.6 ng		93659	4	17.37	521754	20.0