

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080109.D
 Acq On : 23 Jun 2015 00:33
 Operator : TP/IZ
 Sample : G2706-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SWD-1

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_F\METHODS\8270-BF061715.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	5.533	212	214	219	rVB	170814	156480	7.57%	1.067%
2	5.933	246	249	251	rBV	233755	313665	15.17%	2.138%
3	6.927	333	336	338	rBV	146690	201258	9.73%	1.372%
4	7.087	347	350	353	rBV2	752718	1117871	54.07%	7.620%
5	7.133	353	354	356	rVV	342635	250918	12.14%	1.710%
6	7.224	360	362	365	rVV	1211255	994550	48.11%	6.779%
7	7.327	369	371	373	rVB	485070	542480	26.24%	3.698%
8	7.476	382	384	386	rVB	1010036	1098692	53.14%	7.489%
9	7.876	417	419	421	rBV	1183383	944346	45.68%	6.437%
10	8.402	462	465	467	rBV2	109294	123689	5.98%	0.843%
11	8.459	467	470	472	rVV3	14953	31628	1.53%	0.216%
12	8.493	472	473	474	rVV	37230	32727	1.58%	0.223%
13	8.539	474	477	478	rVV3	19728	38138	1.84%	0.260%
14	8.562	478	479	481	rVB	25521	24205	1.17%	0.165%
15	8.607	481	483	486	rBV	458853	463794	22.43%	3.161%
16	8.710	490	492	494	rVB	60965	64279	3.11%	0.438%
17	8.767	494	497	500	rBV4	15969	30513	1.48%	0.208%
18	8.836	500	503	506	rBV3	42358	91381	4.42%	0.623%
19	8.962	509	514	515	rVV2	147550	301503	14.58%	2.055%
20	9.007	517	518	524	rVB	117479	133068	6.44%	0.907%
21	9.087	524	525	528	rBV2	21028	24042	1.16%	0.164%
22	9.567	565	567	569	rVB	27463	33538	1.62%	0.229%
23	9.693	575	578	580	rVB	1545365	1929084	93.31%	13.149%
24	9.796	585	587	588	rVB	35019	47958	2.32%	0.327%
25	10.070	610	611	613	rBV	68325	62336	3.02%	0.425%
26	10.185	617	621	622	rBV2	17271	26764	1.29%	0.182%
27	10.219	622	624	627	rVB2	14037	23177	1.12%	0.158%
28	10.379	636	638	641	rVB2	517868	573986	27.76%	3.912%
29	11.179	705	708	710	rBV2	533965	665792	32.20%	4.538%
30	11.270	712	716	720	rVB	11201	26052	1.26%	0.178%
31	11.728	751	756	757	rBV2	11338	23044	1.11%	0.157%
32	11.888	767	770	772	rBV	698015	641639	31.04%	4.374%
33	12.048	780	784	788	rBV	34495	72507	3.51%	0.494%
34	12.196	795	797	801	rBV2	16620	34342	1.66%	0.234%

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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

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Peak separation: 5

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35	13.556	913	916	918	rBV	2176627	2067448	100.00%	14.092%
36	14.596	1004	1007	1009	rBV	30001	56290	2.72%	0.384%
37	14.802	1023	1025	1028	rBV	691376	694802	33.61%	4.736%
38	16.654	1184	1187	1195	rVB	465321	673407	32.57%	4.590%
39	18.494	1344	1348	1354	rBV3	10235	39450	1.91%	0.269%

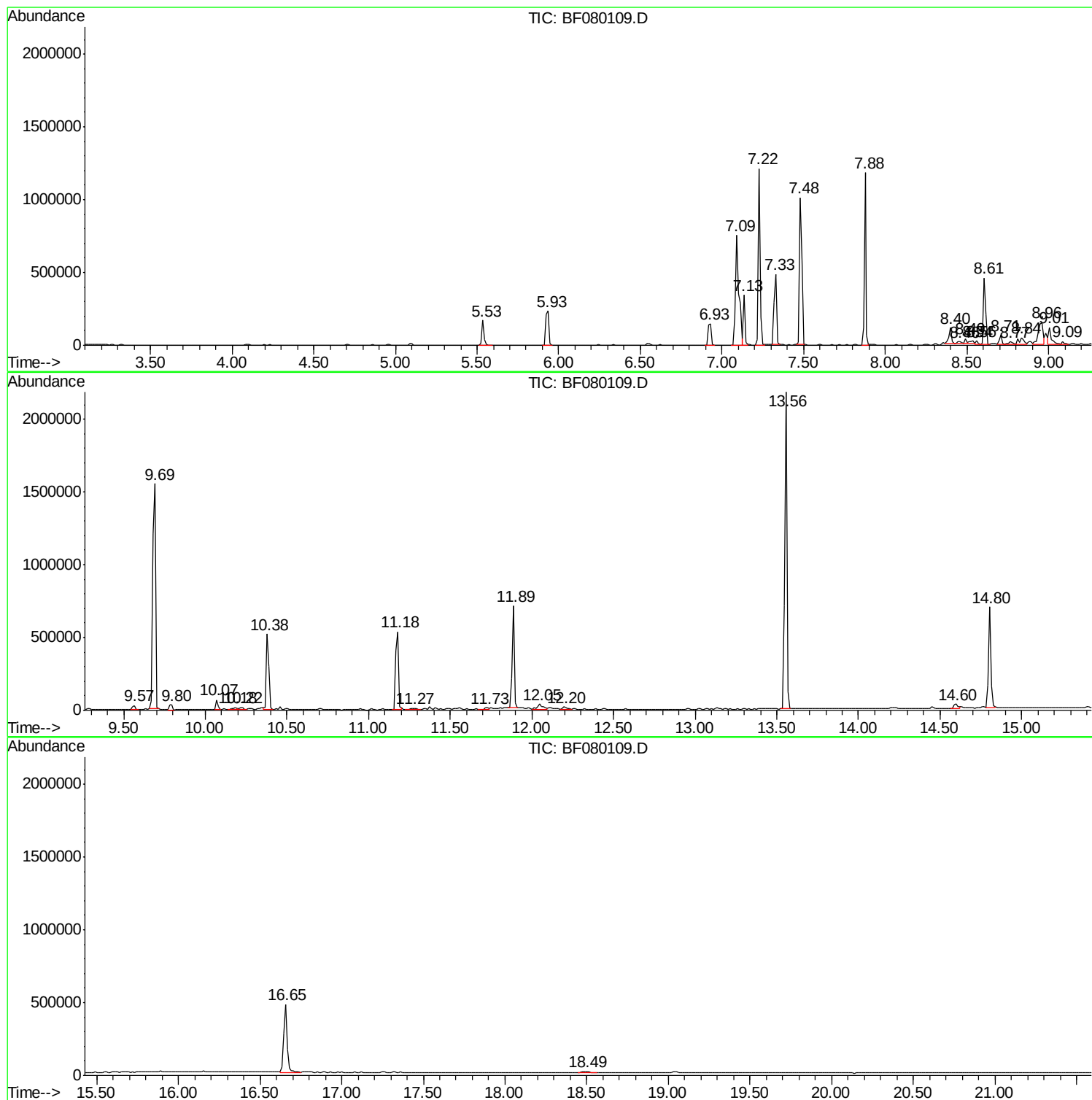
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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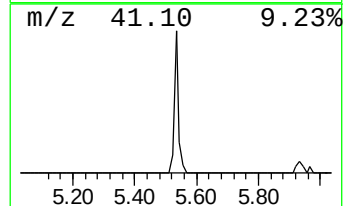
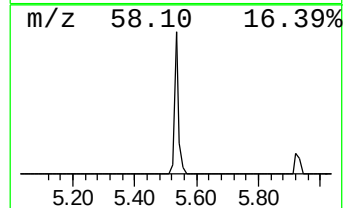
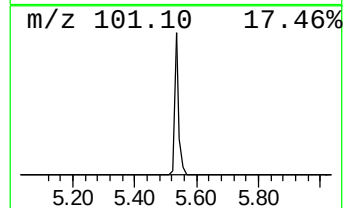
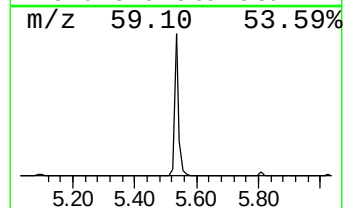
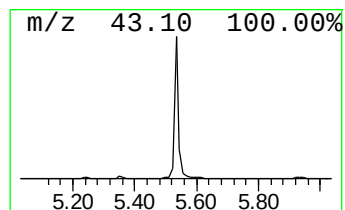
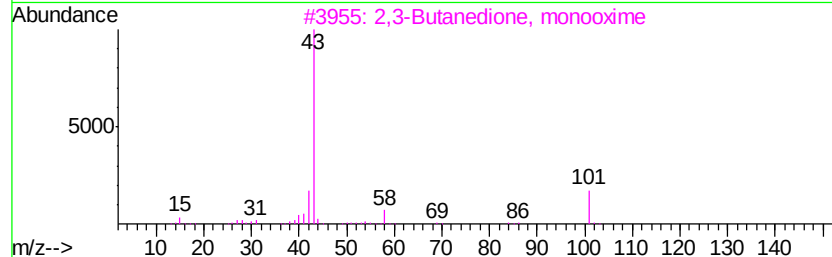
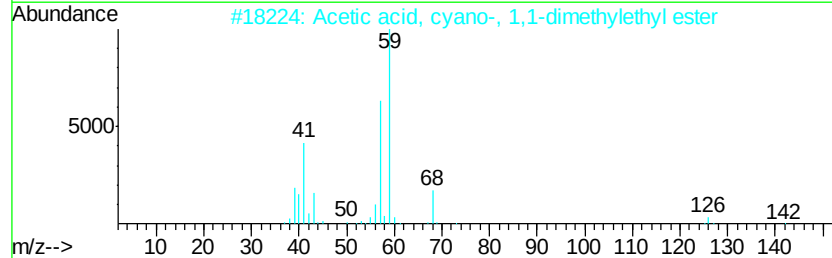
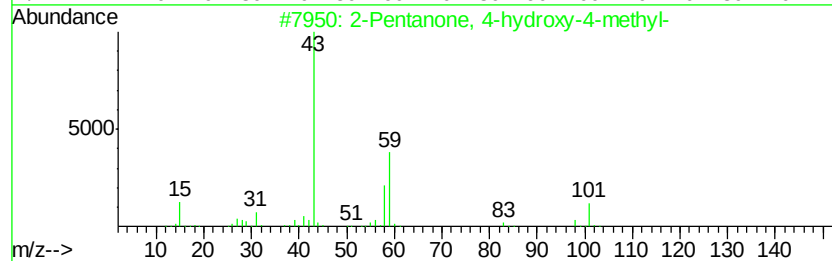
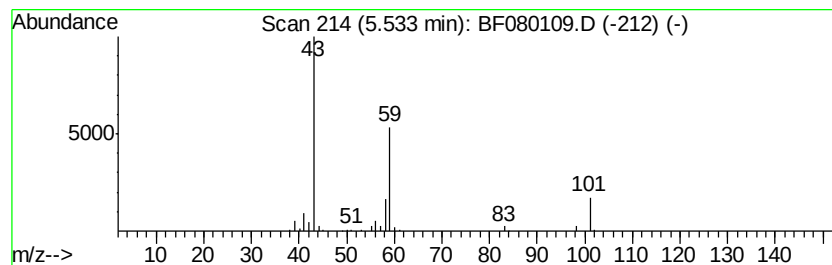
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	5.77 ng	156480	1,4-Dichlorobenzene-d4	7.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10	
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9	
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9	



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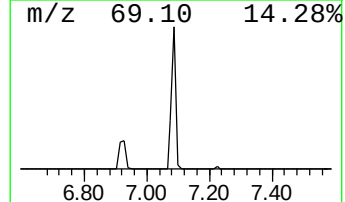
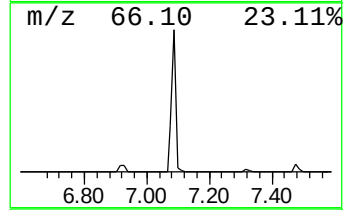
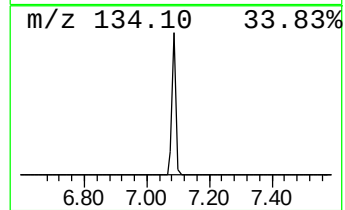
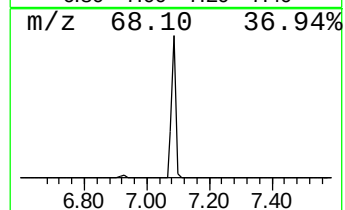
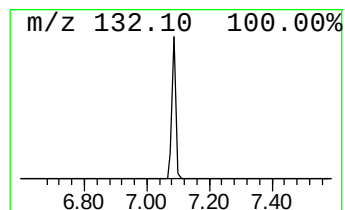
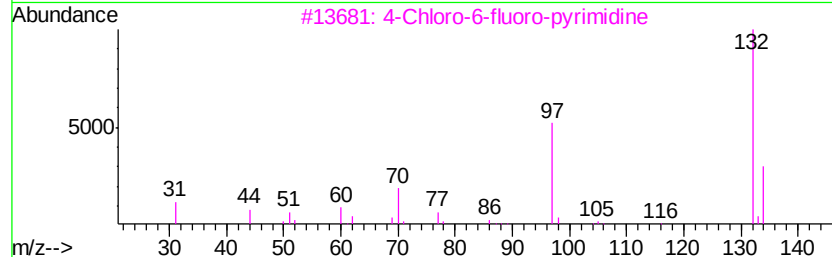
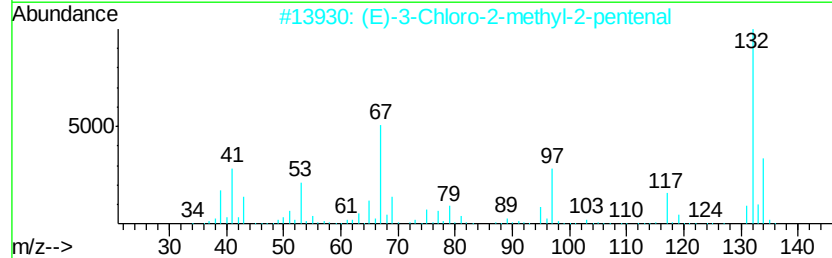
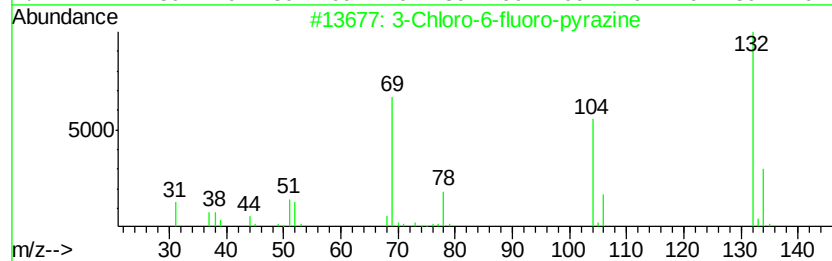
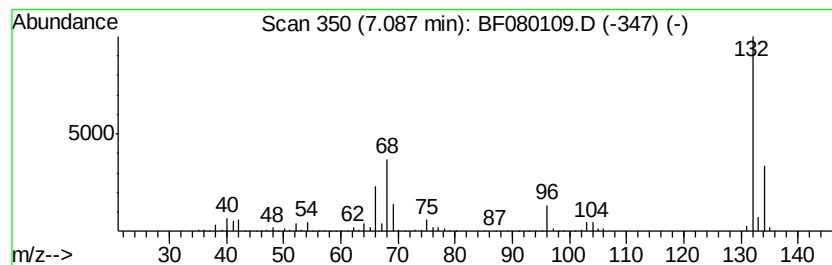
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	41.21 ng	1117870	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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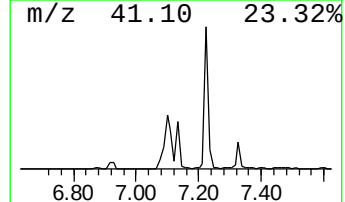
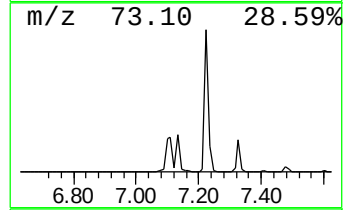
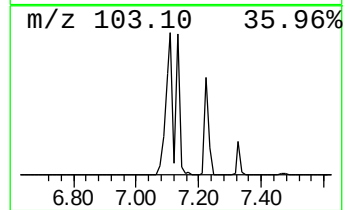
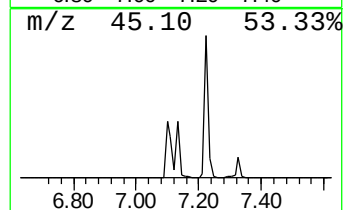
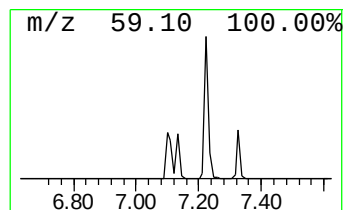
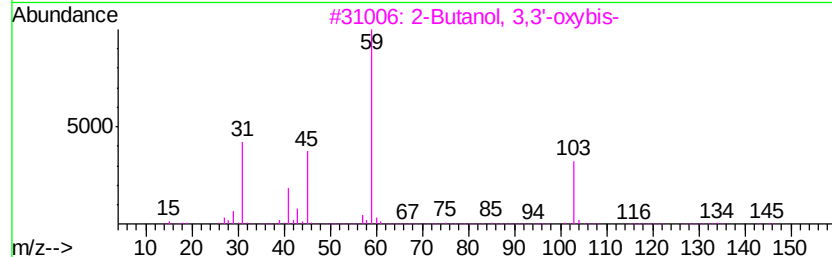
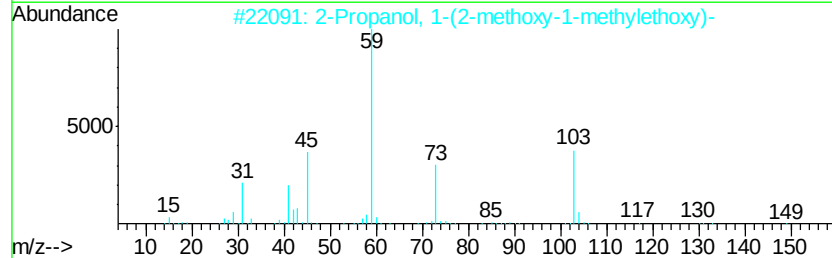
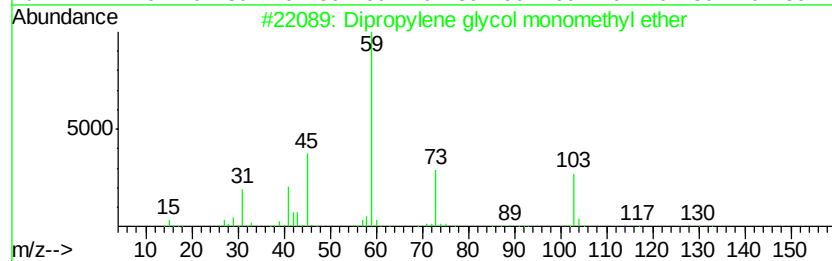
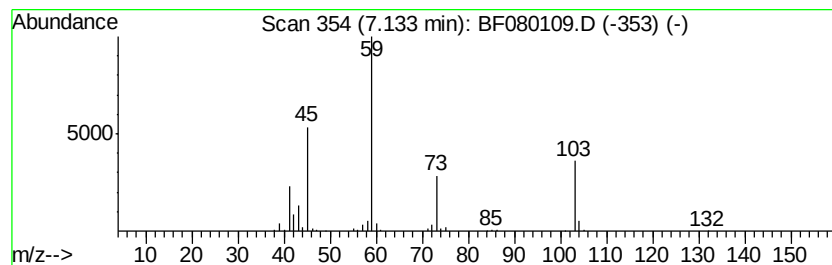
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dipropylene glycol monometh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	9.25 ng	250918	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	83
2		2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
3		2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
4		Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	64
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53



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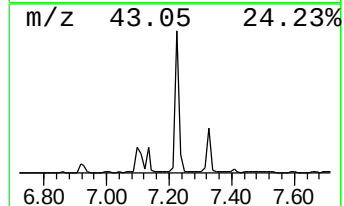
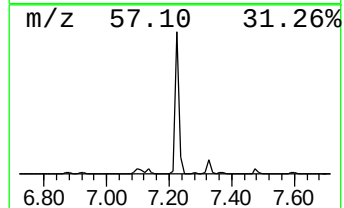
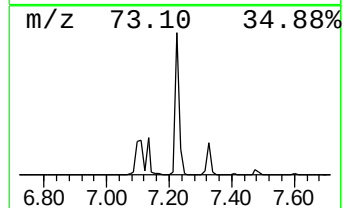
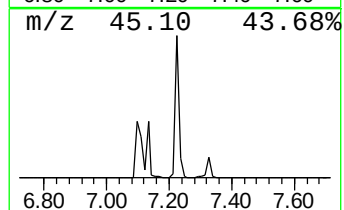
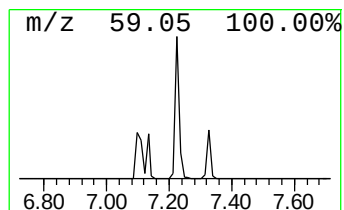
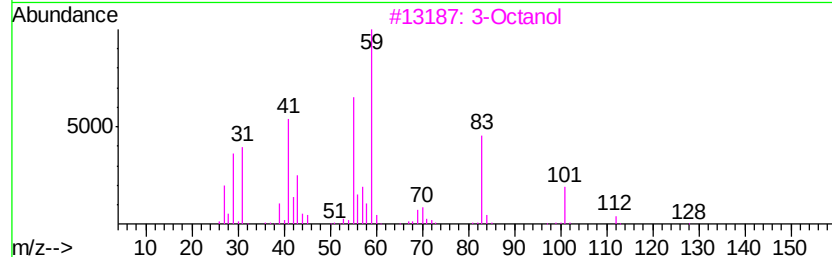
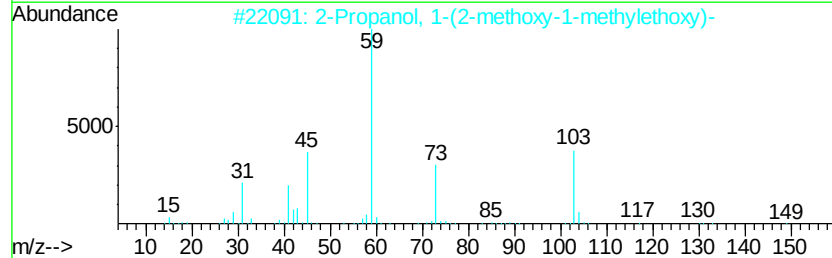
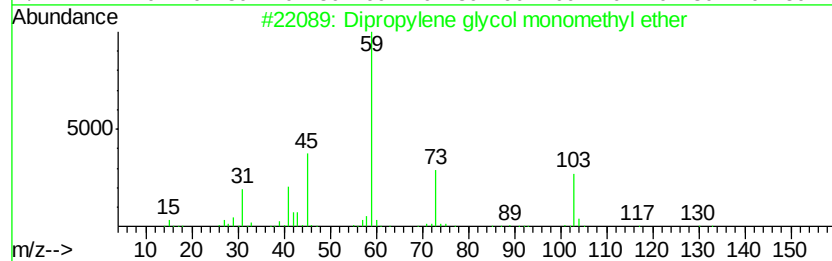
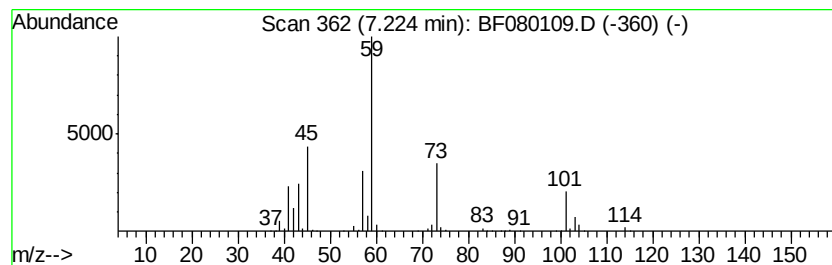
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	36.67 ng	994550	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	53
2		2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	42
3		3-Octanol	130	C8H18O	000589-98-0	37
4		2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	33
5		Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	33



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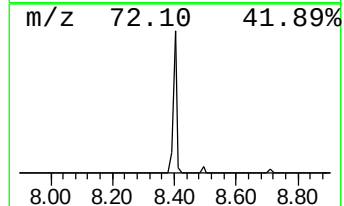
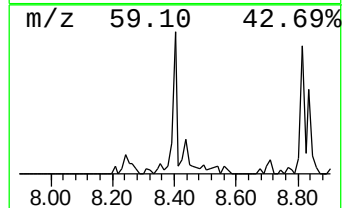
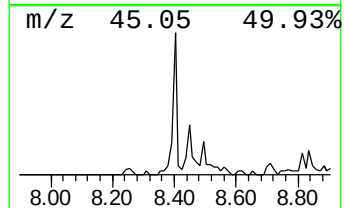
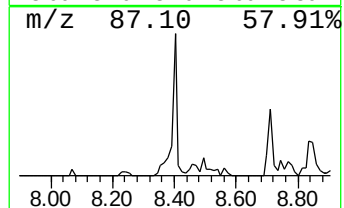
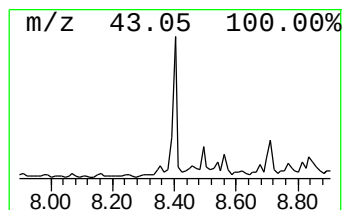
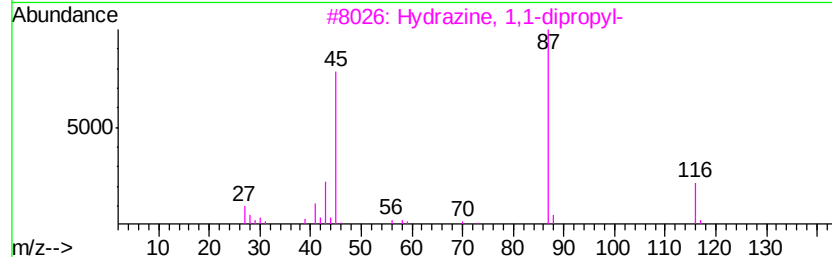
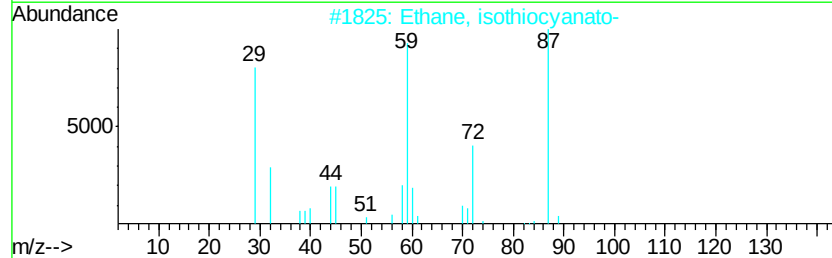
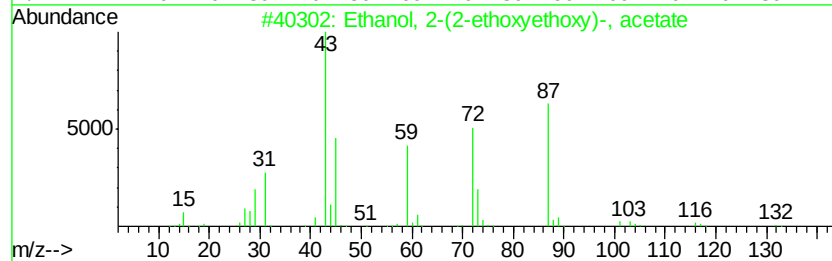
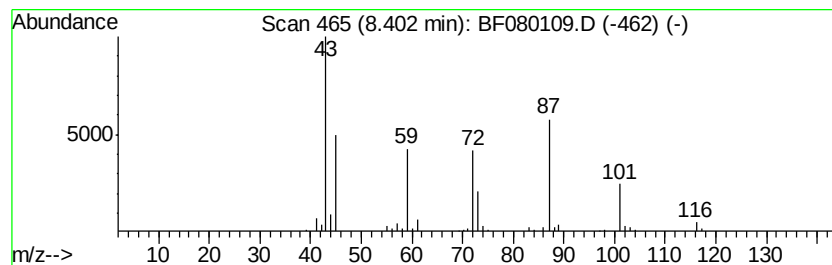
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	5.33 ng	123689	Naphthalene-d8	8.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-ethoxyethoxy)-, ac...	176	C8H16O4	000112-15-2	80
2		Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	38
3		Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	27
4		2-Ethoxyethyl acetate	132	C6H12O3	000111-15-9	25
5		Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080109.D
Acq On : 23 Jun 2015 00:33
Operator : TP/IZ
Sample : G2706-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SWD-1

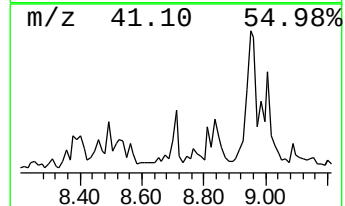
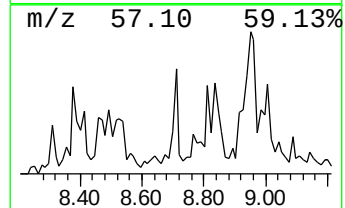
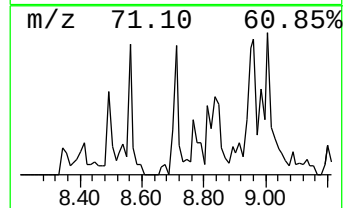
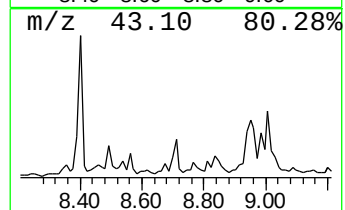
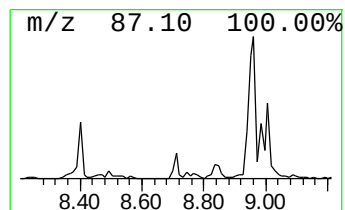
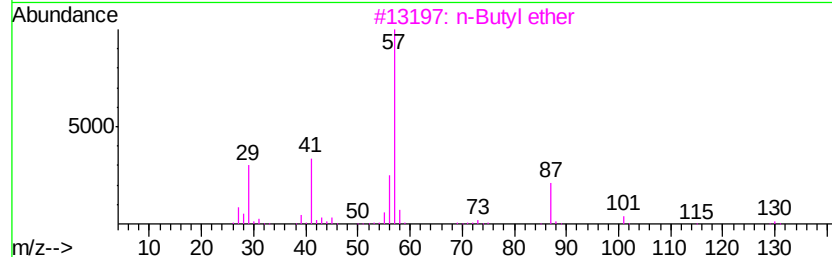
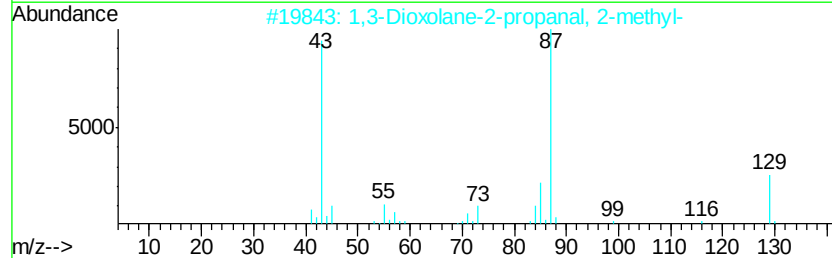
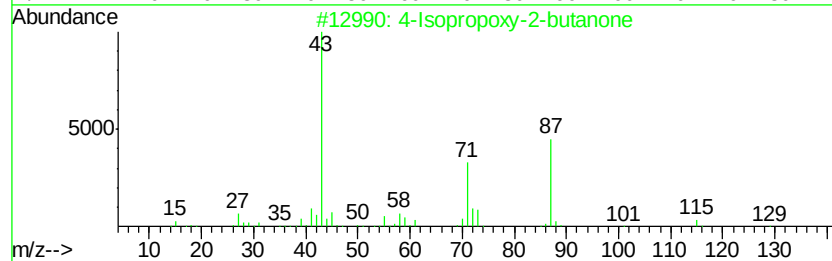
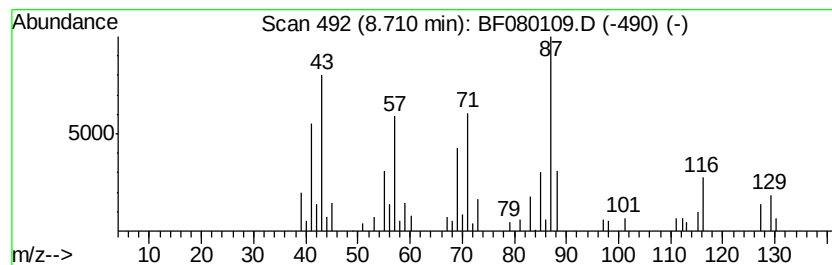
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.71 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.77 ng	64279	Napthalene-d8	8.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Isopropoxy-2-butanone	130	C7H14O2	032541-58-5	47
2			1,3-Dioxolane-2-propanal, 2-methyl-	144	C7H12O3	024108-29-0	38
3			n-Butyl ether	130	C8H18O	000142-96-1	35
4			Propanoic acid, 2-methyl-, ethyl...	116	C6H12O2	000097-62-1	22
5			Pentanoic acid, 3-mercaptohexyl ...	218	C11H22O2S	1000281-46-9	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
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Sample : G2706-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SWD-1

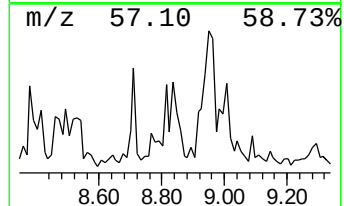
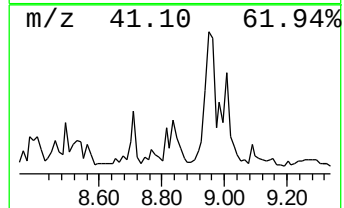
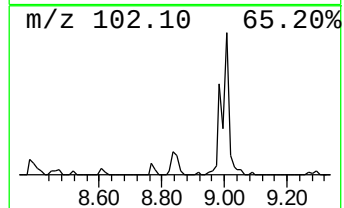
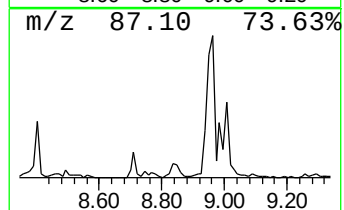
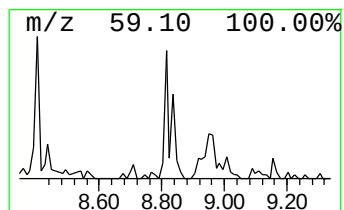
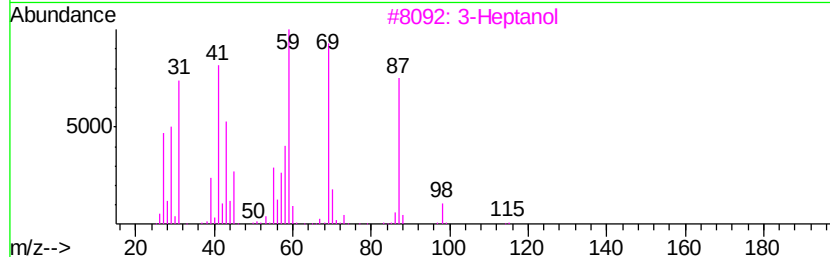
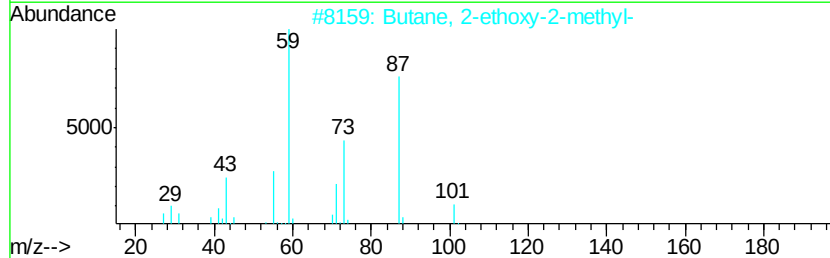
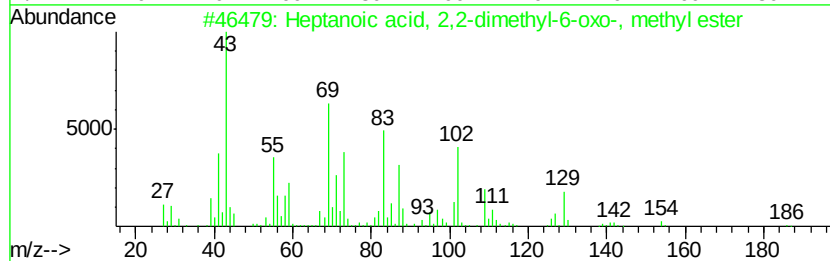
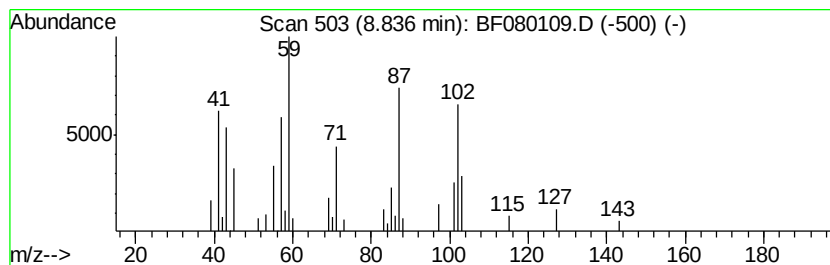
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.94 ng	91381	Napthalene-d8	8.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O3	000926-27-2	40
2		Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	37
3		3-Heptanol	116	C7H16O	000589-82-2	32
4		2-Methyl-1,6-dioxaspiro[4.4]nonane	142	C8H14O2	005451-15-0	27
5		Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080109.D
Acq On : 23 Jun 2015 00:33
Operator : TP/IZ
Sample : G2706-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

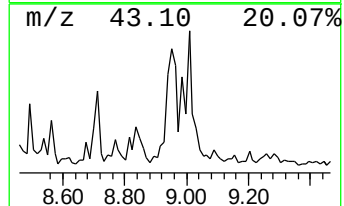
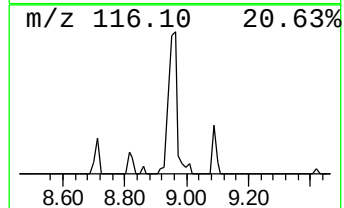
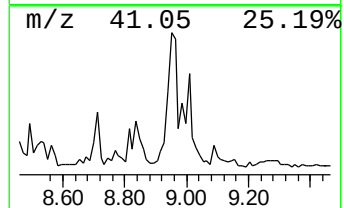
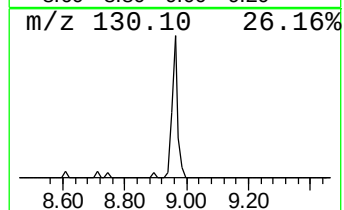
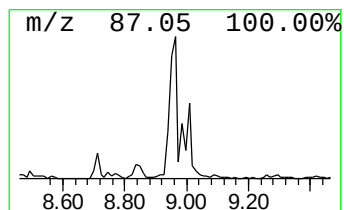
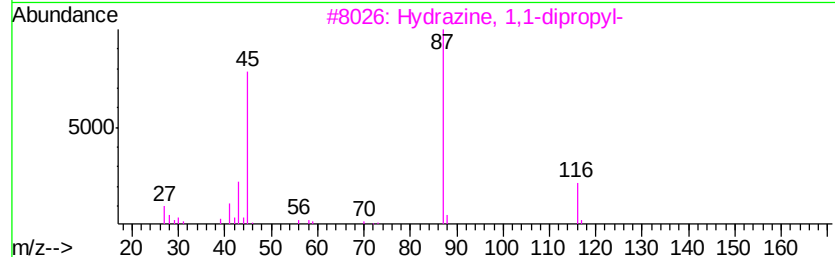
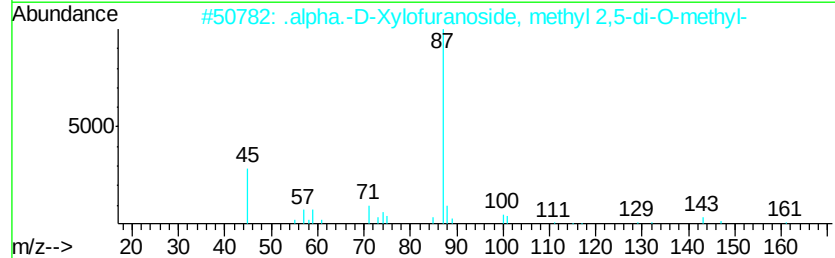
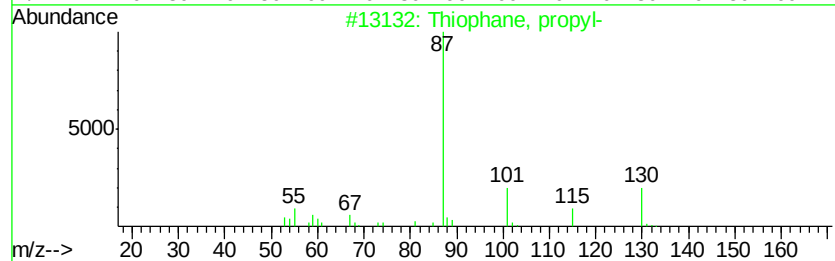
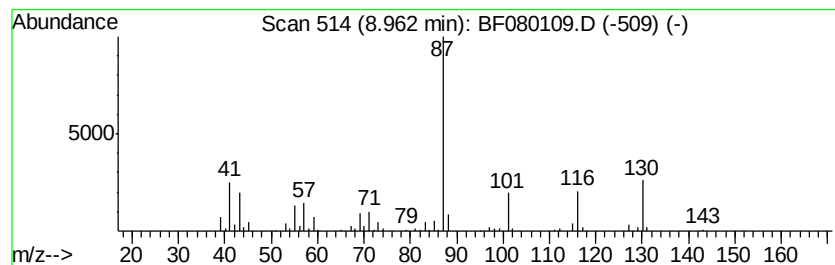
Instrument :
BNA_F
ClientSampleId :
SWD-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Thiophane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	13.00 ng	301503	Napthalene-d8	8.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Thiophane, propyl-	130 C7H14S	001551-34-4 58
2		.alpha.-D-Xylofuranoside, methyl...	192 C8H16O5	035007-52-4 47
3		Hydrazine, 1,1-dipropyl-	116 C6H16N2	004986-50-9 46
4		Thiophene, 2-ethyltetrahydro-	116 C6H12S	001551-32-2 42
5		Hydrazine, 1-ethyl-1-(1-methylpr...	116 C6H16N2	020325-97-7 40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080109.D
Acq On : 23 Jun 2015 00:33
Operator : TP/IZ
Sample : G2706-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SWD-1

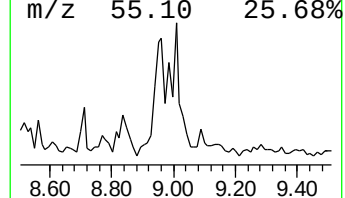
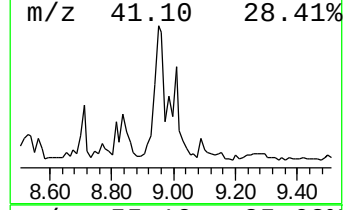
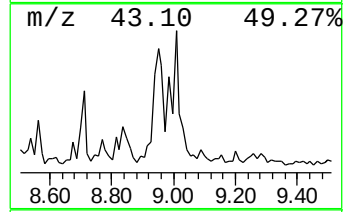
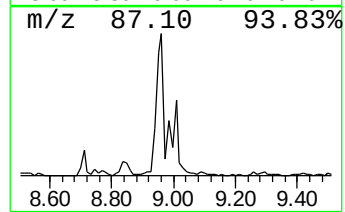
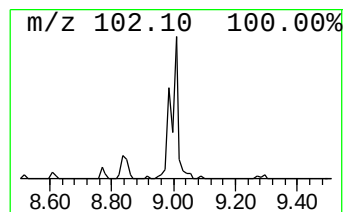
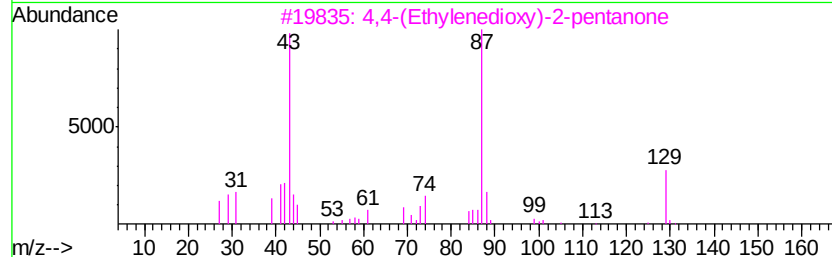
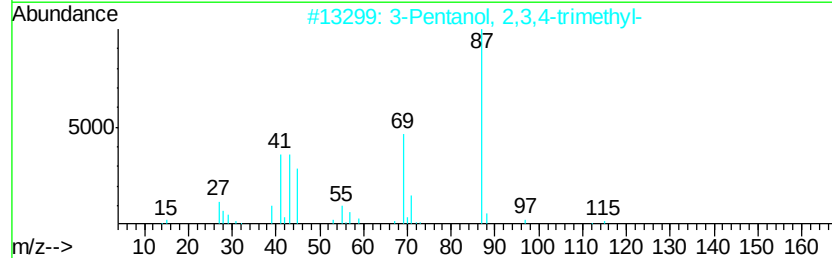
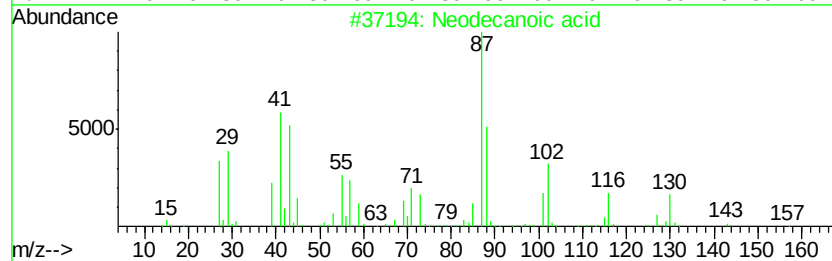
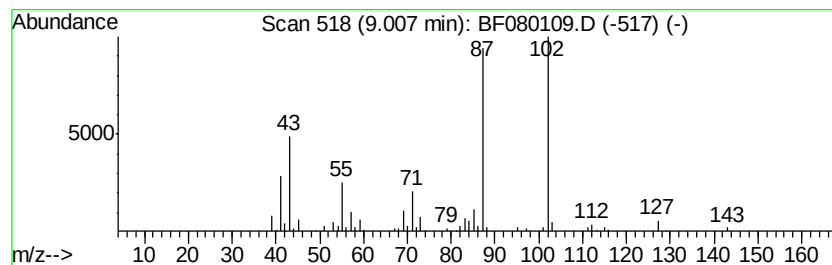
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	5.74 ng	133068	Napthalene-d8	8.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Neodecanoic acid	172	C10H20O2	026896-20-8	38
2			3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	35
3			4,4-(Ethylenedioxy)-2-pentanone	144	C7H12O3	014255-36-8	25
4			Butanoic acid, 2,2-dimethyl-3-ox...	144	C7H12O3	038923-57-8	25
5			Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
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Acq On : 23 Jun 2015 00:33
Operator : TP/IZ
Sample : G2706-01
Misc :
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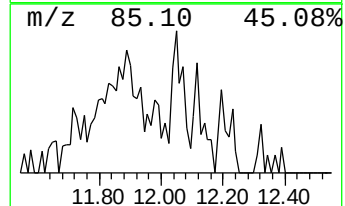
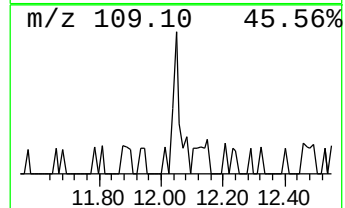
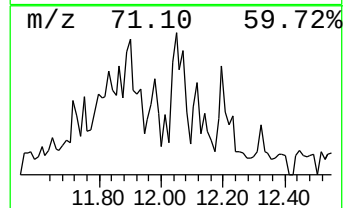
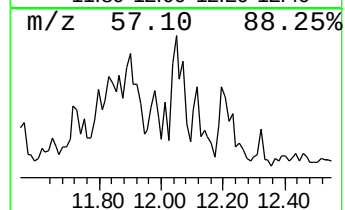
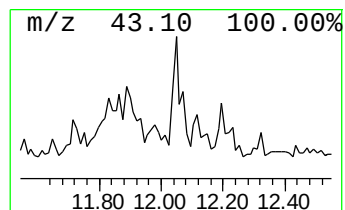
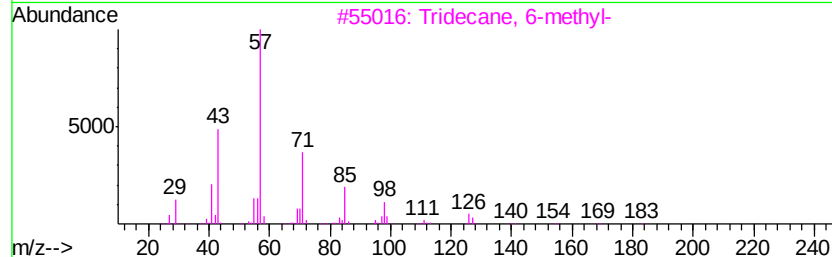
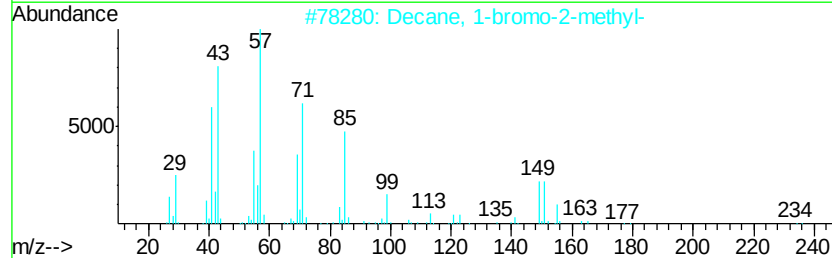
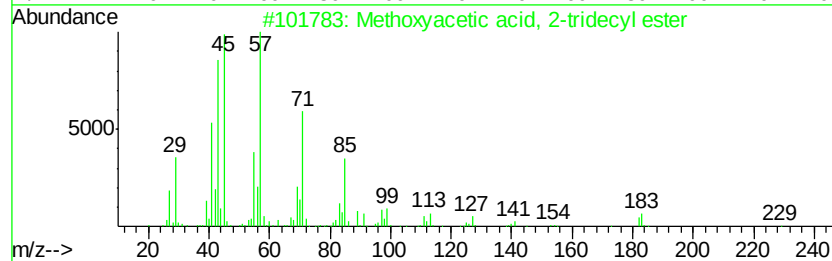
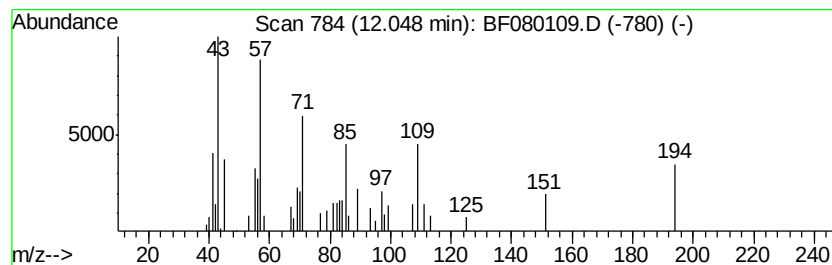
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.05	2.26 ng	72507	Phenanthrene-d10		11.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	43
2		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	35
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
4		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	27
5		Undecane	156	C11H24	001120-21-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
Data File : BF080109.D
Acq On : 23 Jun 2015 00:33
Operator : TP/IZ
Sample : G2706-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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
2-Pentanone, 4-hy...	5.53	5.8 ng		156480	1	7.33	542480	20.0
unknown7.09	7.09	41.2 ng		1117870	1	7.33	542480	20.0
Dipropylene glyco...	7.13	9.3 ng		250918	1	7.33	542480	20.0
unknown7.22	7.22	36.7 ng		994550	1	7.33	542480	20.0
Ethanol, 2-(2-eth...	8.40	5.3 ng		123689	2	8.61	463794	20.0
unknown8.71	8.71	2.8 ng		64279	2	8.61	463794	20.0
unknown8.84	8.84	3.9 ng		91381	2	8.61	463794	20.0
Thiophane, propyl-	8.96	13.0 ng		301503	2	8.61	463794	20.0
unknown9.01	9.01	5.7 ng		133068	2	8.61	463794	20.0
unknown12.05	12.05	2.3 ng		72507	4	11.89	641639	20.0