

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083794.D
 Acq On : 15 Dec 2015 3:04
 Operator : UM/IZ
 Sample : G4779-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-04

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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	5.081	259	262	265	rBV	191985	254797	6.74%	0.972%
2	5.504	296	299	301	rBV	1359179	1450073	38.33%	5.532%
3	6.521	386	388	390	rBV	1127168	924211	24.43%	3.526%
4	6.670	398	401	403	rBV	2200453	2540979	67.17%	9.694%
5	6.899	419	421	423	rBV	813744	669487	17.70%	2.554%
6	7.059	432	435	437	rBV	2587233	2403340	63.53%	9.169%
7	7.459	467	470	472	rBV	1791377	1785221	47.19%	6.811%
8	7.550	476	478	480	rVB	64777	56516	1.49%	0.216%
9	7.596	480	482	484	rVB	81014	69287	1.83%	0.264%
10	7.836	501	503	505	rBV	49665	44614	1.18%	0.170%
11	7.870	505	506	508	rVB	39464	41030	1.08%	0.157%
12	8.179	531	533	535	rVV	872517	868934	22.97%	3.315%
13	8.213	535	536	541	rVB2	62412	63569	1.68%	0.243%
14	8.385	549	551	553	rBV2	83977	90464	2.39%	0.345%
15	8.430	553	555	557	rVB	135340	117950	3.12%	0.450%
16	8.499	557	561	563	rBV4	31188	49463	1.31%	0.189%
17	8.567	565	567	569	rVB	58316	51458	1.36%	0.196%
18	8.750	581	583	584	rBV	42483	41752	1.10%	0.159%
19	9.025	600	607	610	rVB5	22334	72223	1.91%	0.276%
20	9.105	610	614	619	rBV3	41570	116922	3.09%	0.446%
21	9.265	625	628	630	rVB	3630811	3782921	100.00%	14.433%
22	9.413	637	641	642	rVB3	21543	46059	1.22%	0.176%
23	9.630	658	660	661	rBV2	44418	52198	1.38%	0.199%
24	9.653	661	662	663	rVV	65039	53524	1.41%	0.204%
25	9.756	668	671	673	rVB2	40242	47837	1.26%	0.183%
26	9.939	684	687	689	rBV	1115564	1100543	29.09%	4.199%
27	10.373	721	725	727	rBV	52191	78357	2.07%	0.299%
28	10.476	733	734	736	rBV	39209	40005	1.06%	0.153%
29	10.728	753	756	758	rBV	1798303	2310302	61.07%	8.814%
30	10.853	764	767	771	rVB	44839	87969	2.33%	0.336%
31	11.059	782	785	792	rVB6	11497	40345	1.07%	0.154%
32	11.299	802	806	807	rBV	37736	46663	1.23%	0.178%
33	11.413	814	816	819	rBV	997458	995848	26.32%	3.799%
34	11.631	832	835	837	rBV	122991	109979	2.91%	0.420%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.785	933	936	938 rBV	124682	165217	4.37%	0.630%
36	13.002	952	955	958 rBV	3081046	3723802	98.44%	14.207%
37	13.779	1021	1023	1026 rBV2	76066	89447	2.36%	0.341%
38	13.894	1031	1033	1038 rVB2	27333	44697	1.18%	0.171%
39	14.042	1044	1046	1049 rBV	883495	954663	25.24%	3.642%
40	15.482	1169	1172	1175 rBV	601354	728321	19.25%	2.779%

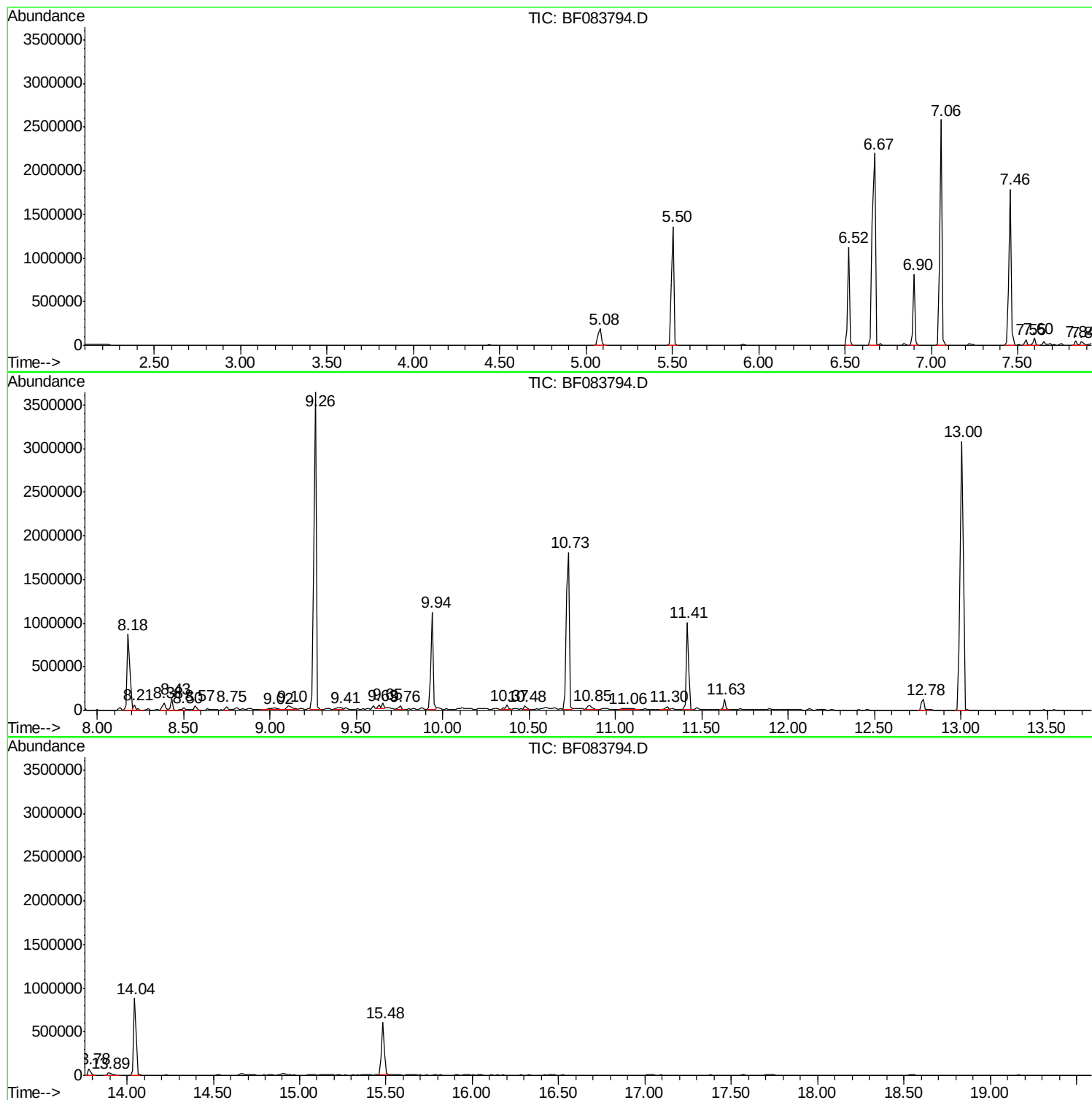
Sum of corrected areas: 26210987

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

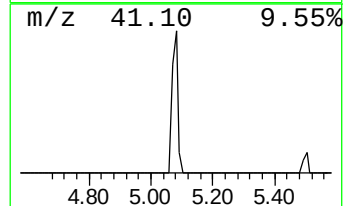
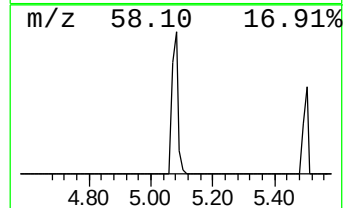
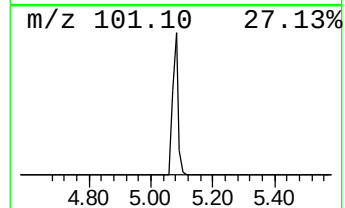
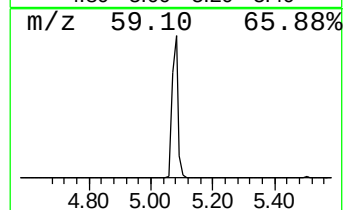
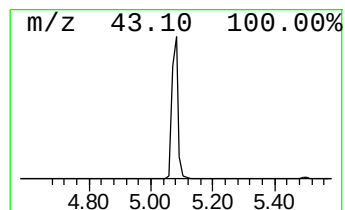
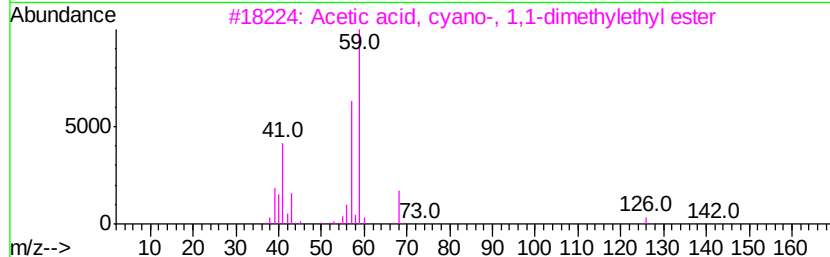
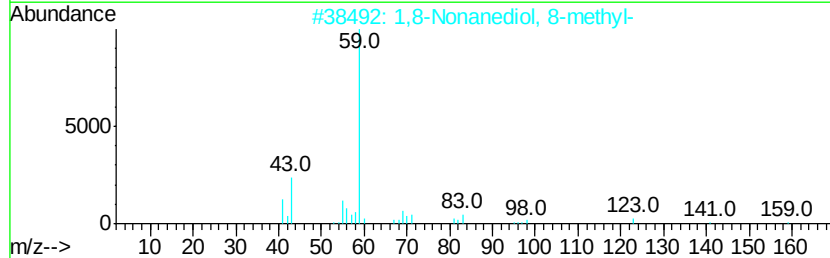
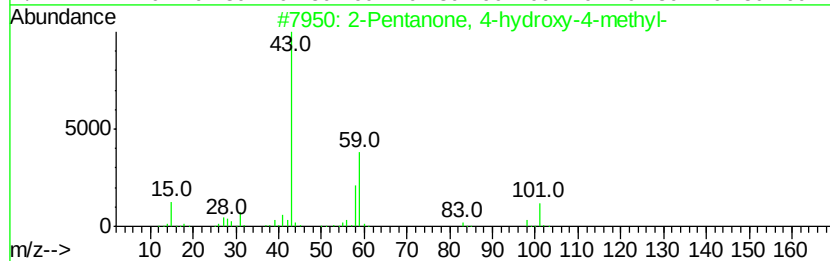
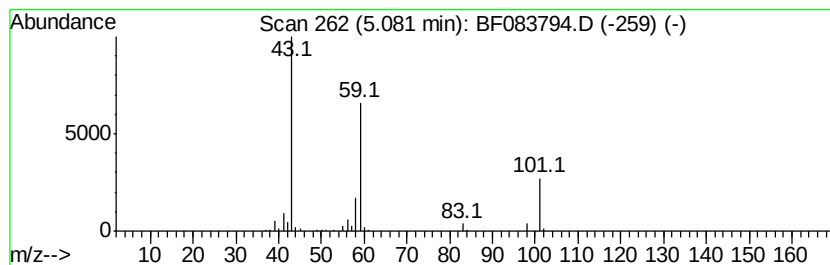
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.61 ng	254797	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

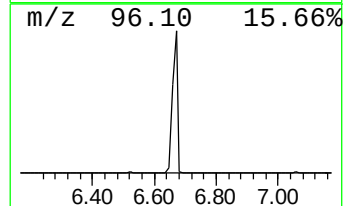
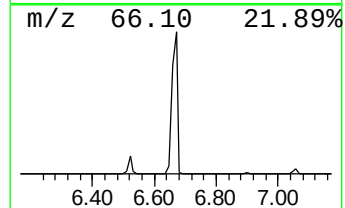
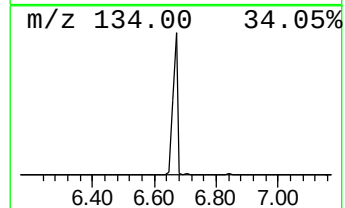
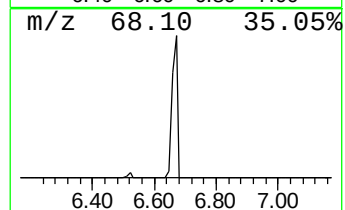
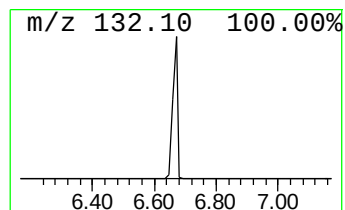
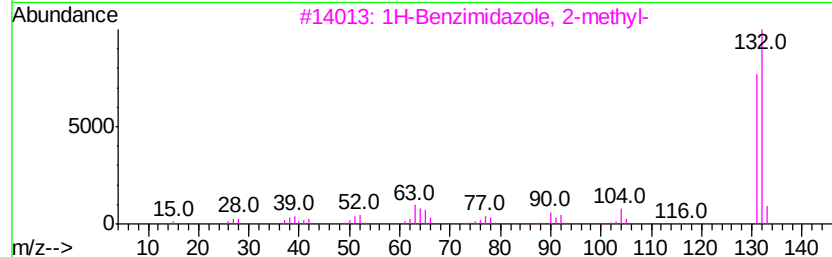
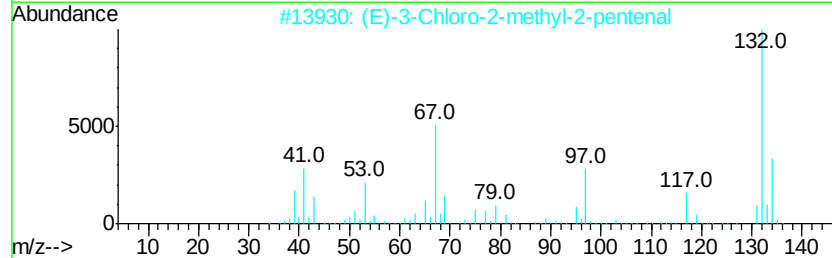
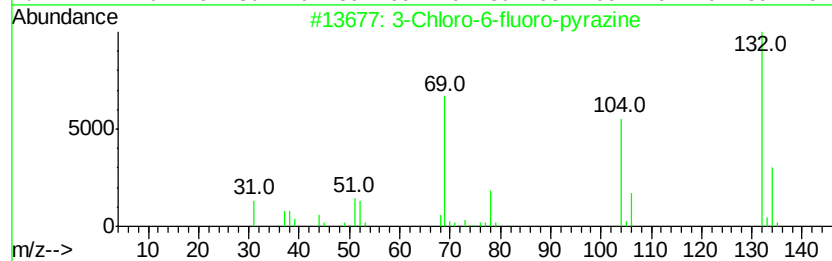
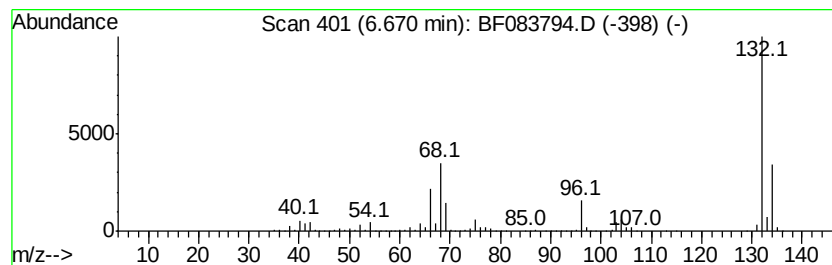
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	75.91 ng	2540980	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PW-04

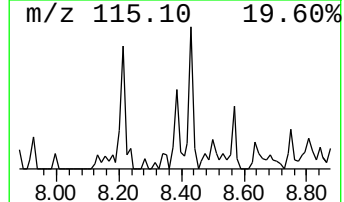
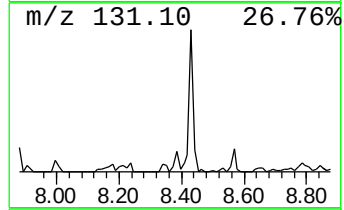
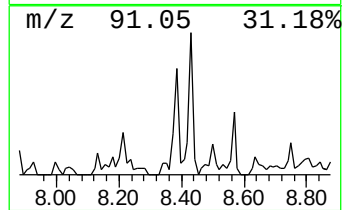
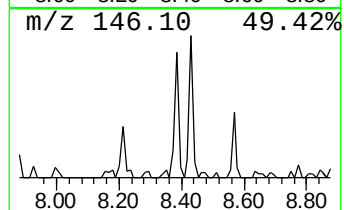
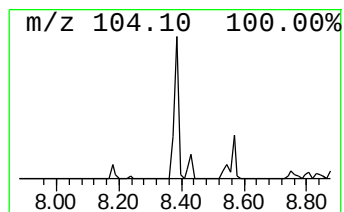
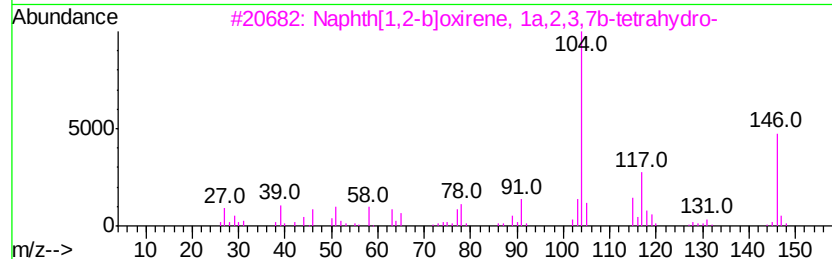
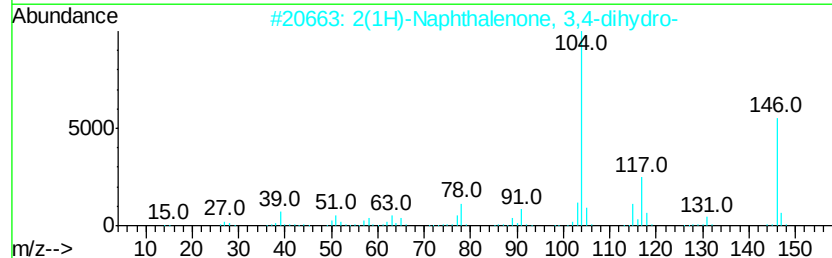
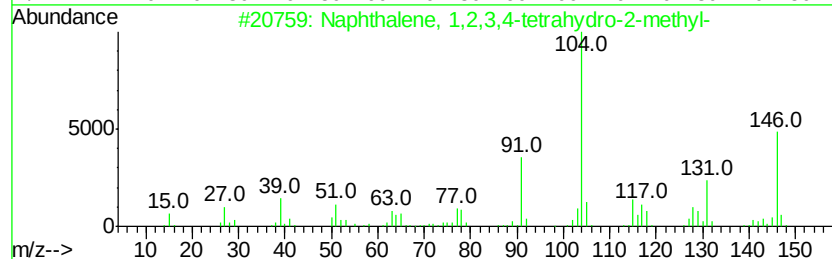
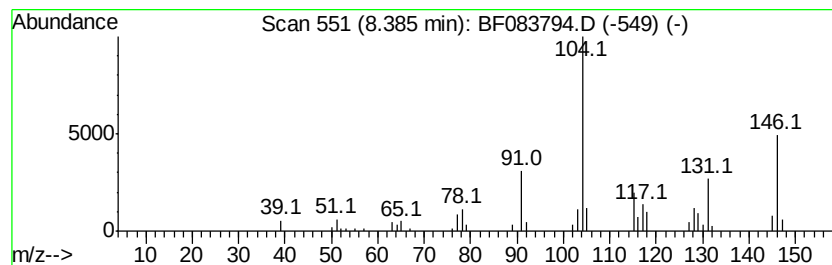
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	2.08 ng	90464	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro...	146	C11H14	003877-19-8	96
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-	146	C10H10O	002461-34-9	62
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

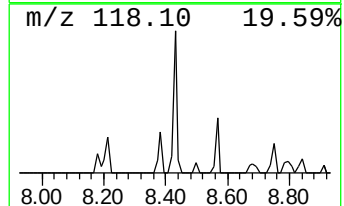
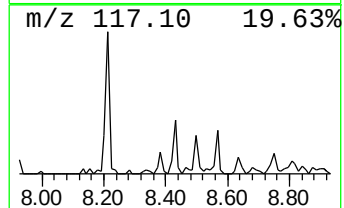
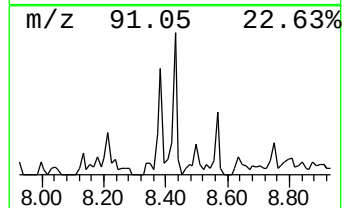
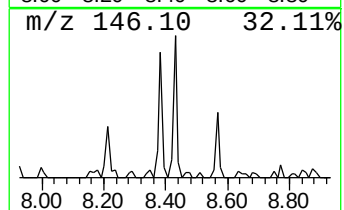
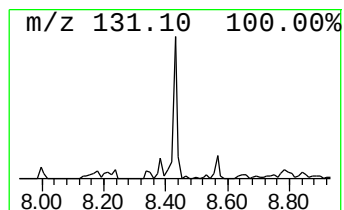
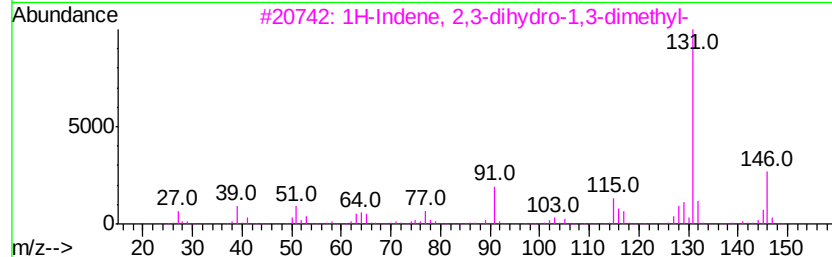
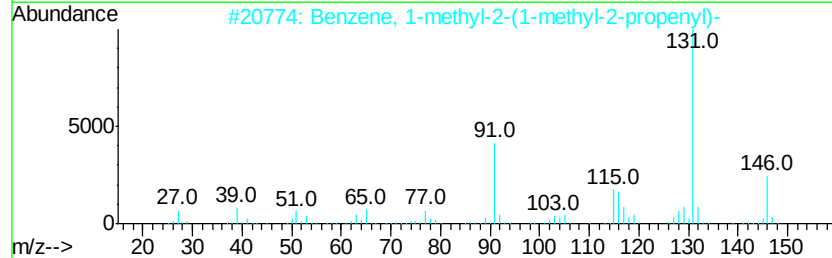
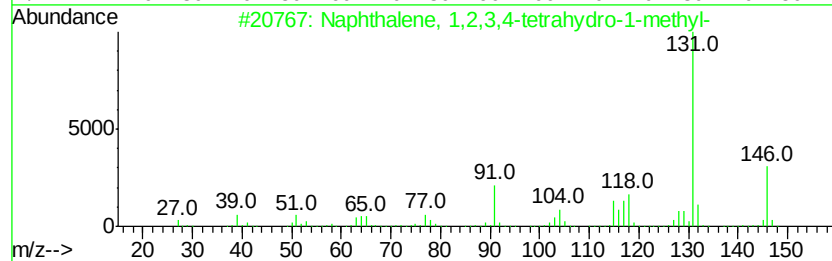
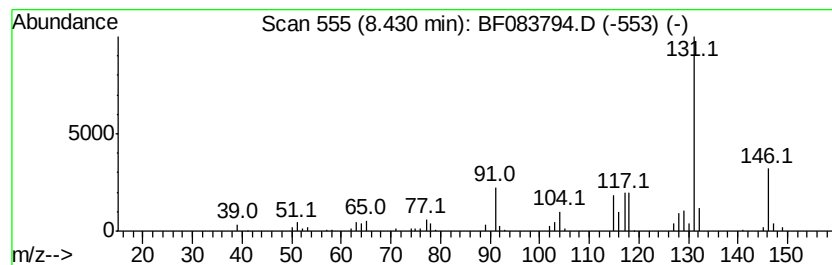
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.71 ng	117950	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	76
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

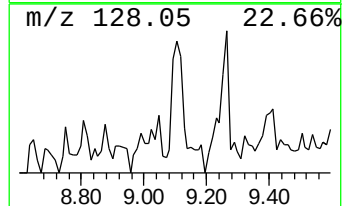
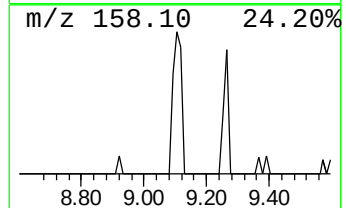
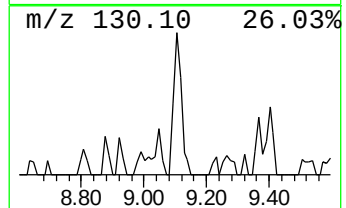
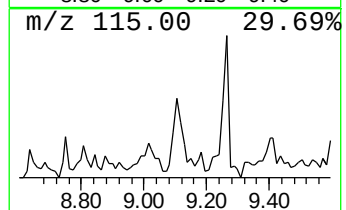
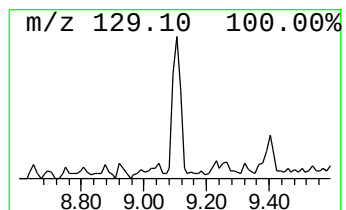
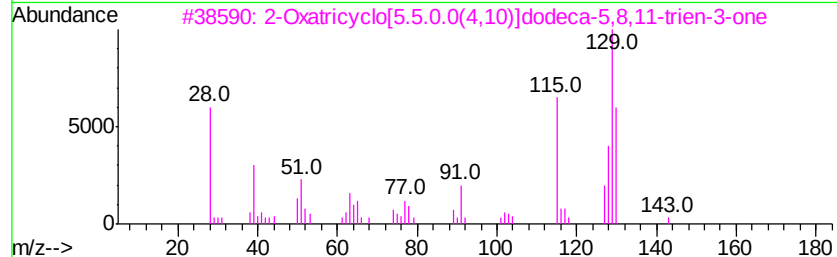
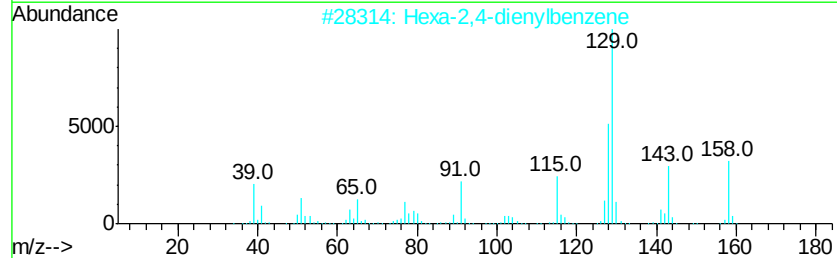
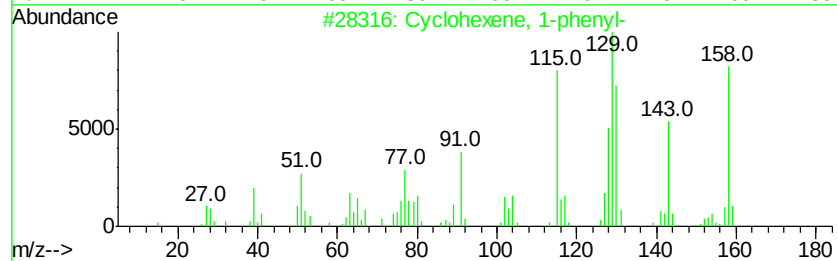
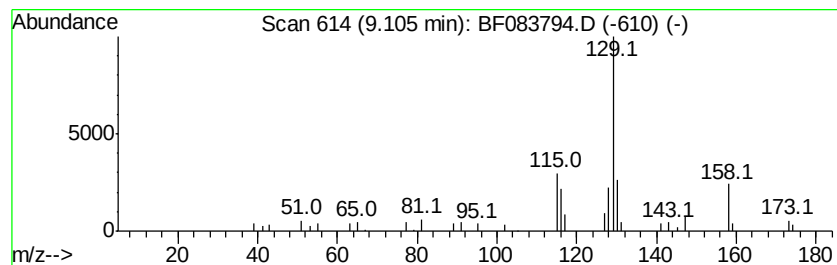
Instrument :
BNA_F
ClientSampleId :
PW-04

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.10	2.12 ng	116922	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-phenyl-	158	C12H14	000771-98-2	43
2	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	40
3	2-Oxatricyclo[5.5.0.0(4,10)]dodeca...	174	C11H10O2	056909-26-3	37
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	33
5	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

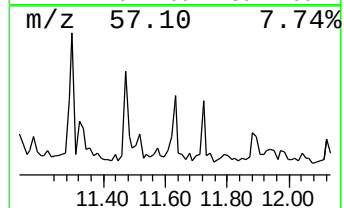
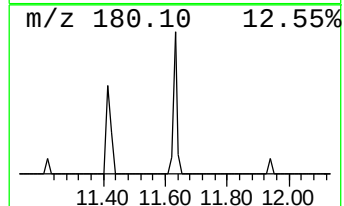
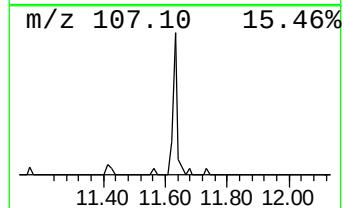
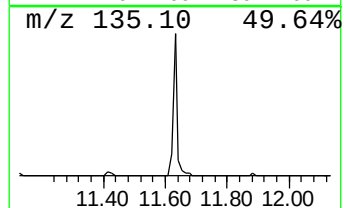
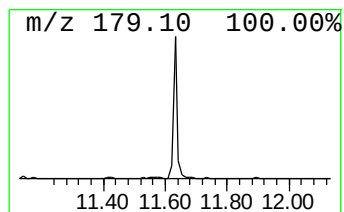
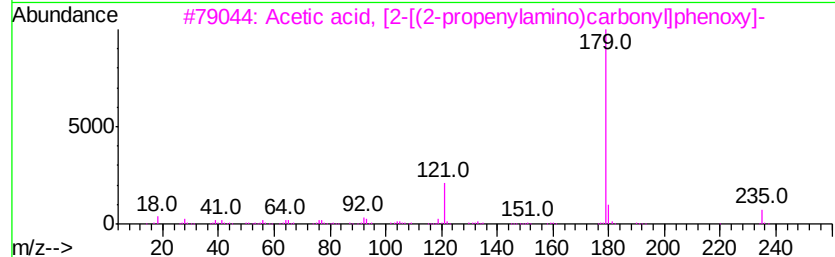
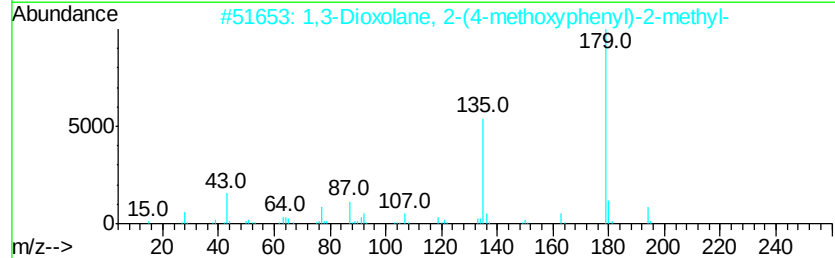
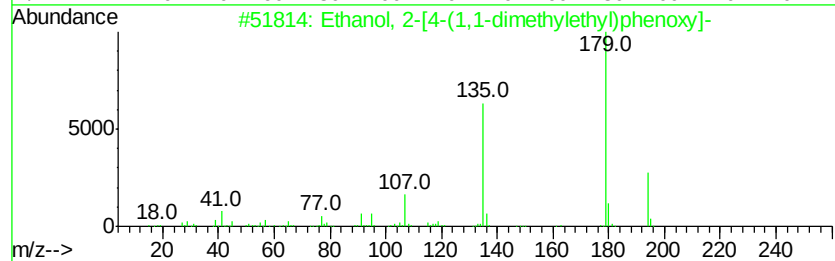
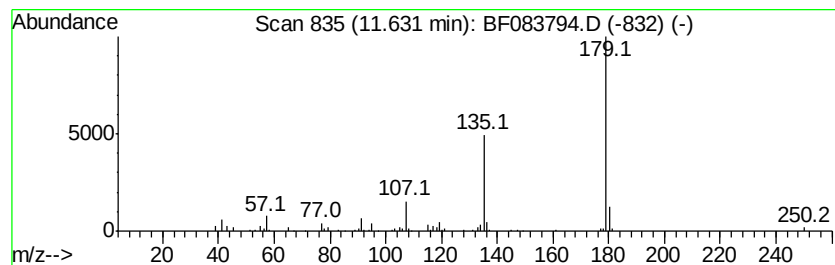
Instrument :
BNA_F
ClientSampleId :
PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.63	2.21 ng	109979	Phenanthrene-d10	11.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl)phenoxy]-	194	C12H18O2	000713-46-2	78	
2	1,3-Dioxolane, 2-(4-methoxyphenyl)-2-methyl-	194	C11H14O3	036881-00-2	64	
3	Acetic acid, [2-[(2-propenylamino)carbonyl]phenoxy]-	235	C12H13NO4	000119-45-9	38	
4	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	36	
5	[2-(4-Methoxy-phenyl)-[1,3]dioxo...	238	C12H14O5	1000193-22-2	30	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

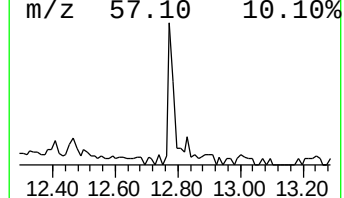
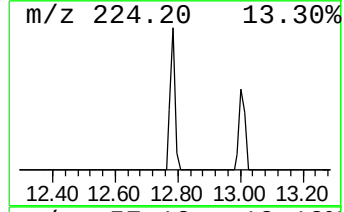
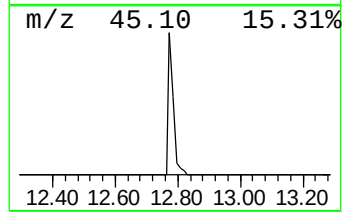
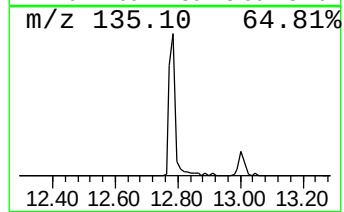
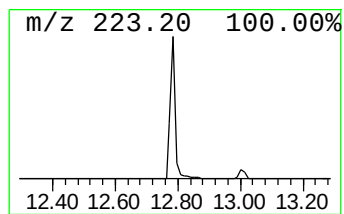
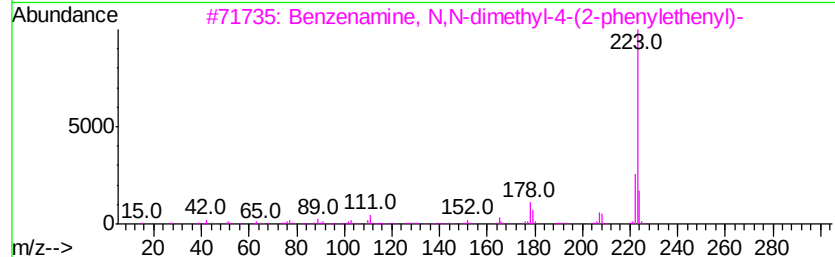
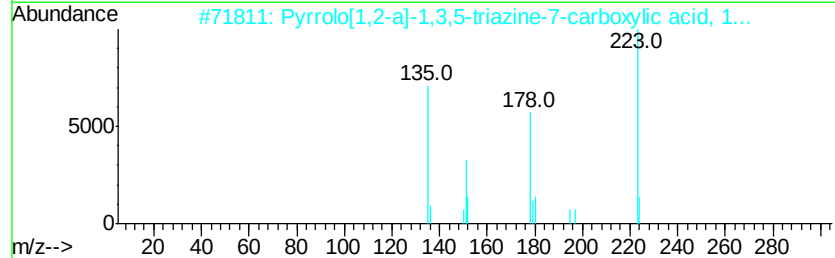
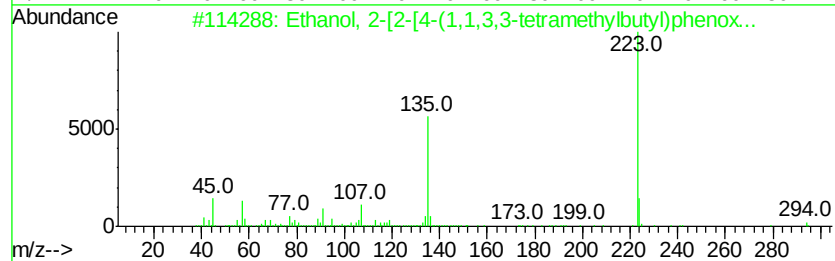
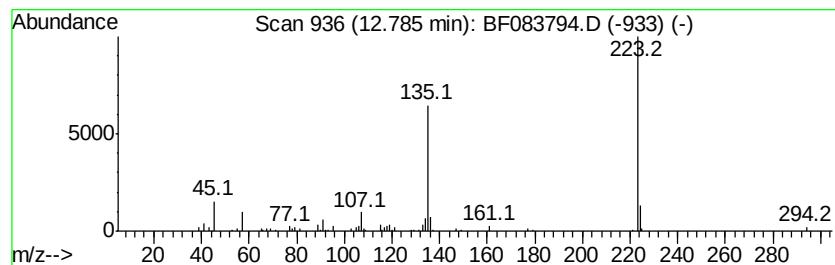
Instrument :
BNA_F
ClientSampleId :
PW-04

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.79	3.46 ng	165217	Chrysene-d12		14.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol,	2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	93
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-	...	223	C9H9N3O4	054449-89-7	90
3	Benzenamine, N,N-dimethyl-4-(2-p...	...	223	C16H17N	001145-73-9	38
4	9-Acridinecarboxylic acid		223	C14H9NO2	005336-90-3	32
5	Phenol,	4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
Data File : BF083794.D
Acq On : 15 Dec 2015 3:04
Operator : UM/IZ
Sample : G4779-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.08	7.6	ng	254797	1	6.90	669487	20.0
unknown6.67	6.67	75.9	ng	2540980	1	6.90	669487	20.0
Naphthalene, 1,2,...	8.38	2.1	ng	90464	2	8.18	868934	20.0
Naphthalene, 1,2,...	8.43	2.7	ng	117950	2	8.18	868934	20.0
unknown9.10	9.10	2.1	ng	116922	3	9.94	1100540	20.0
Ethanol, 2-[4-(1,...	11.63	2.2	ng	109979	4	11.41	995848	20.0
Ethanol, 2-[2-[4-...	12.79	3.5	ng	165217	5	14.04	954663	20.0