

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079612.D
 Acq On : 30 May 2015 19:41
 Operator : TP/IZ
 Sample : G2420-26 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.13(5)

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-BF052615.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	1.553	31	32	39	rVB	40838	74242	1.50%	0.473%
2	1.656	39	41	78	rVB	1997157	4956096	100.00%	31.566%
3	5.233	352	354	371	rVB	140507	261799	5.28%	1.667%
4	6.547	467	469	477	rBV	196808	302504	6.10%	1.927%
5	6.662	477	479	486	rVB	241813	307485	6.20%	1.958%
6	6.936	501	503	505	rBV	362476	376949	7.61%	2.401%
7	7.119	516	519	522	rBV	248120	234026	4.72%	1.491%
8	7.633	562	564	569	rBV	149054	166484	3.36%	1.060%
9	8.513	639	641	643	rBV	528333	527916	10.65%	3.362%
10	8.570	644	646	648	rVB	58914	54624	1.10%	0.348%
11	9.862	757	759	761	rBV	283530	353034	7.12%	2.249%
12	10.674	827	830	832	rBV	608049	586915	11.84%	3.738%
13	11.657	914	916	919	rBV	202788	226400	4.57%	1.442%
14	12.399	977	981	984	rBV3	21466	54338	1.10%	0.346%
15	12.502	988	990	992	rVV	480898	668479	13.49%	4.258%
16	12.537	992	993	996	rVB	429667	337672	6.81%	2.151%
17	12.605	996	999	1001	rBV	79994	98753	1.99%	0.629%
18	13.165	1047	1048	1051	rVV	41816	55984	1.13%	0.357%
19	13.268	1055	1057	1059	rVV	69971	103310	2.08%	0.658%
20	13.908	1111	1113	1117	rVB3	27643	55201	1.11%	0.352%
21	14.011	1117	1122	1124	rBV2	485949	696236	14.05%	4.434%
22	14.285	1143	1146	1148	rBV	493138	587558	11.86%	3.742%
23	14.377	1153	1154	1159	rVV2	37932	56454	1.14%	0.360%
24	14.503	1162	1165	1167	rBV	408128	462606	9.33%	2.946%
25	14.708	1177	1183	1186	rBV	54326	111909	2.26%	0.713%
26	14.834	1192	1194	1199	rVV3	42697	91227	1.84%	0.581%
27	15.337	1236	1238	1241	rVB	38142	50085	1.01%	0.319%
28	15.463	1247	1249	1251	rBV	41853	61003	1.23%	0.389%
29	15.508	1251	1253	1256	rVV2	28532	68848	1.39%	0.439%
30	15.680	1266	1268	1271	rBV	44761	64412	1.30%	0.410%
31	15.783	1273	1277	1278	rVV2	638368	1070084	21.59%	6.815%
32	15.806	1278	1279	1281	rVV	230240	288726	5.83%	1.839%
33	15.840	1281	1282	1285	rVB	79999	102559	2.07%	0.653%
34	15.908	1285	1288	1290	rBV	39974	57864	1.17%	0.369%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.274	1317	1320	1321	rVV	32102	57720	1.16%	0.368%
36	17.028	1383	1386	1391	rBV	252170	561718	11.33%	3.578%
37	17.326	1410	1412	1415	rBV	171361	208843	4.21%	1.330%
38	17.383	1415	1417	1420	rBV	214026	245419	4.95%	1.563%
39	17.451	1420	1423	1424	rBV	430710	642079	12.96%	4.089%
40	18.720	1531	1534	1538	rBV2	113402	219464	4.43%	1.398%
41	19.086	1563	1566	1570	rBV	100996	193760	3.91%	1.234%

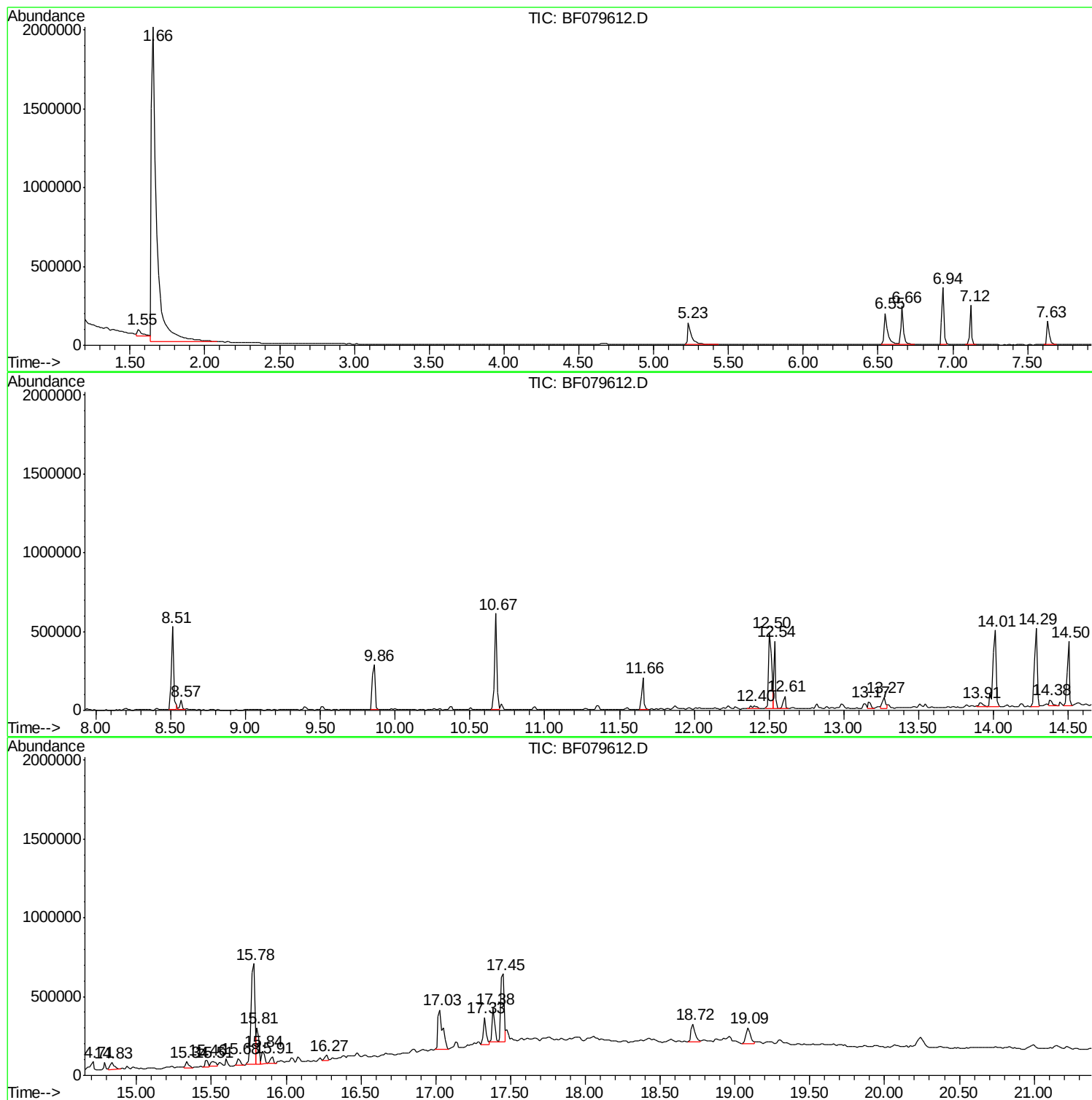
Sum of corrected areas: 15700785

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

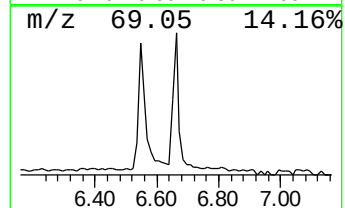
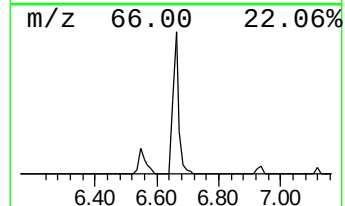
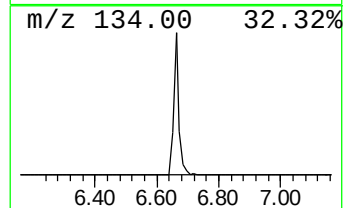
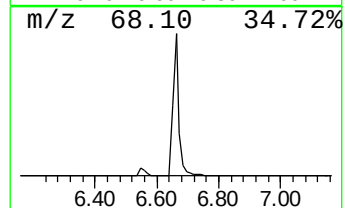
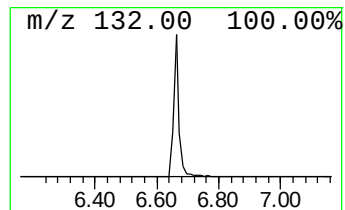
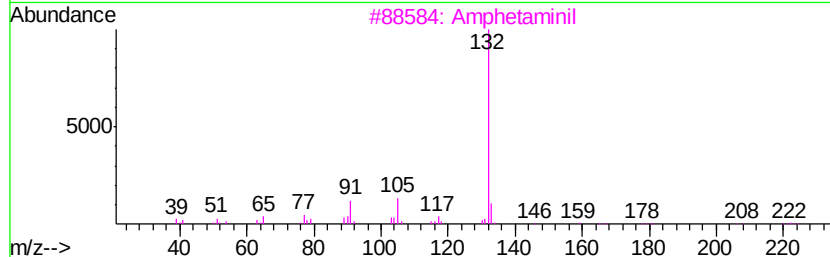
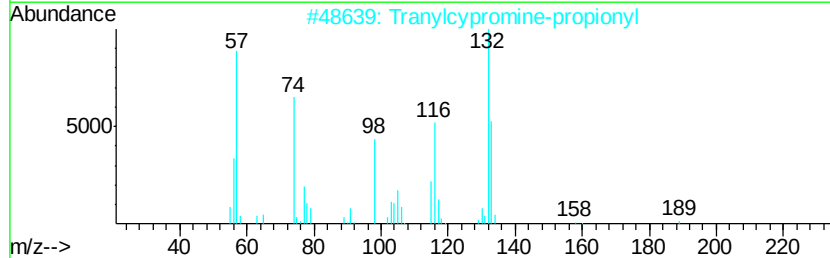
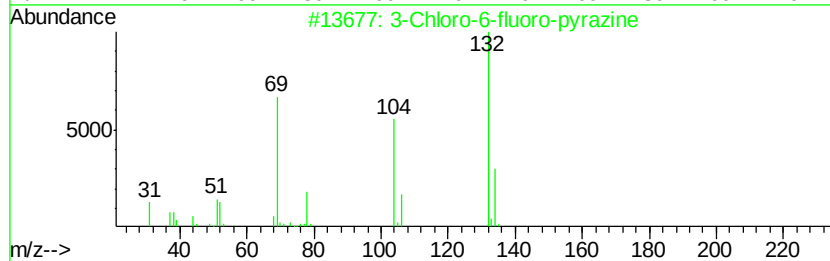
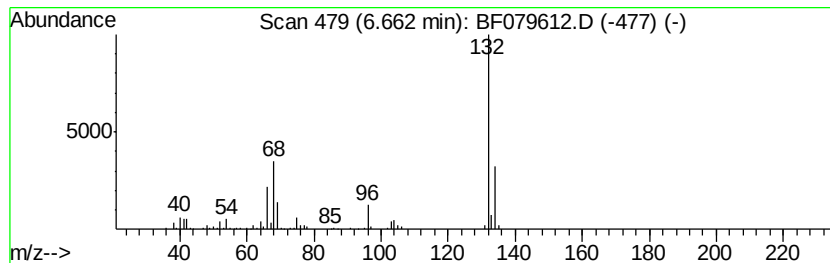
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	16.31 ng	307485	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

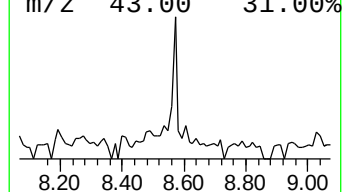
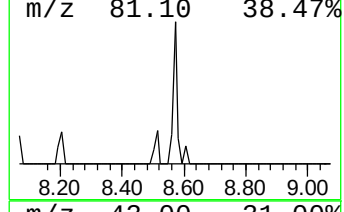
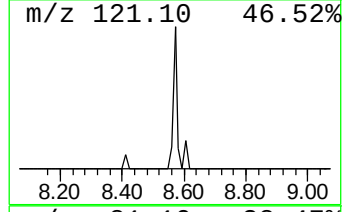
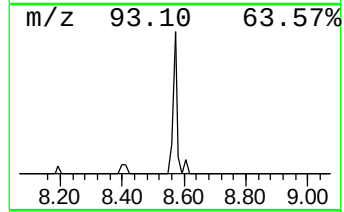
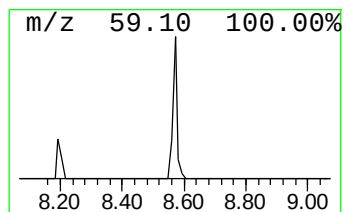
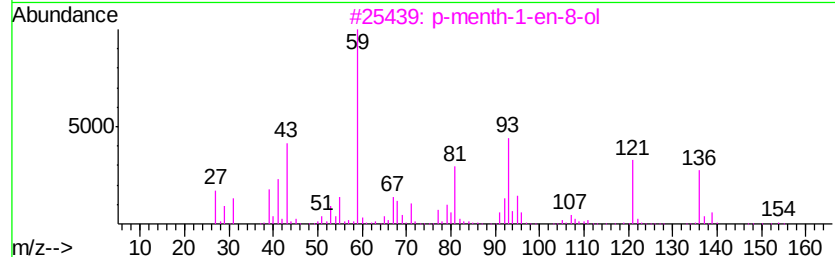
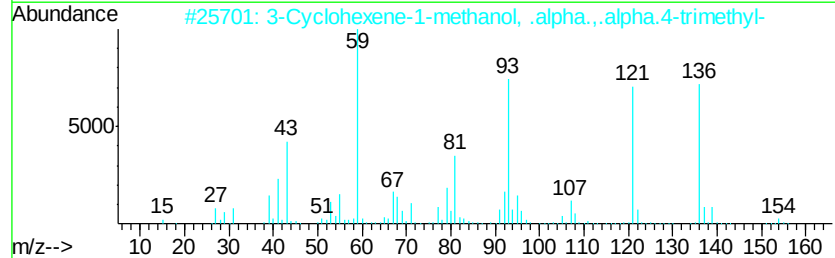
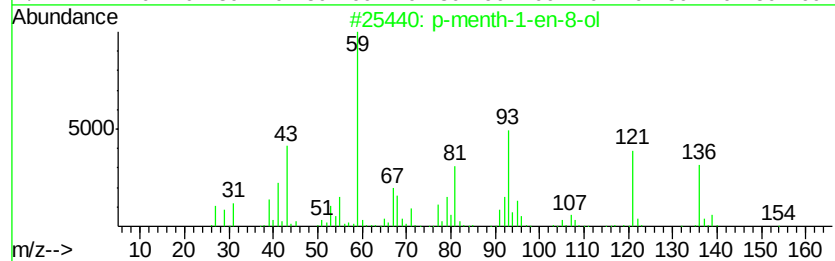
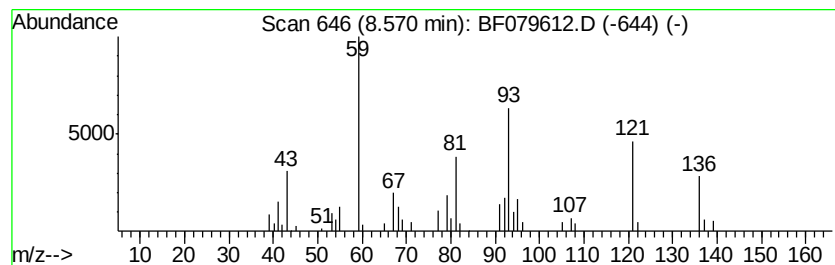
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 p-menth-1-en-8-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	2.07 ng	54624	Napthalene-d8	8.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-menth-1-en-8-ol	154	C10H18O	1000157-89-9	91
2		3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	78
3		p-menth-1-en-8-ol	154	C10H18O	1000151-92-4	72
4		3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	010482-56-1	53
5		Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

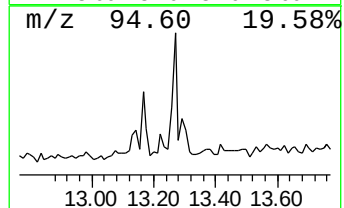
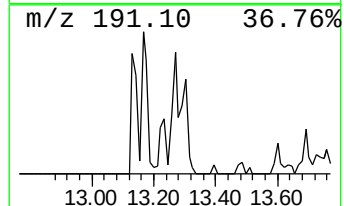
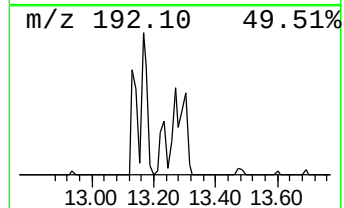
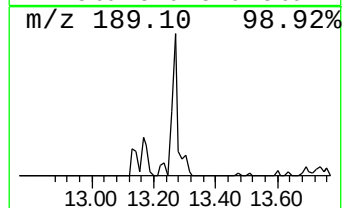
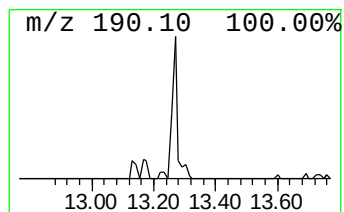
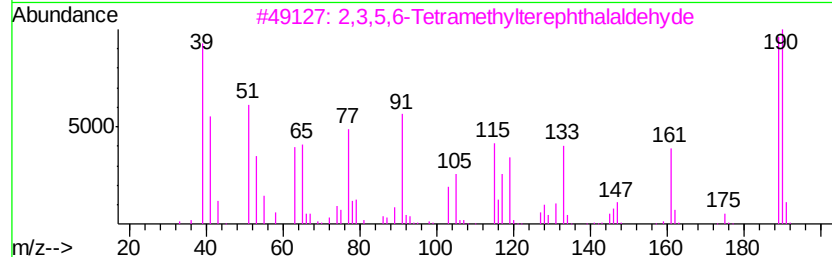
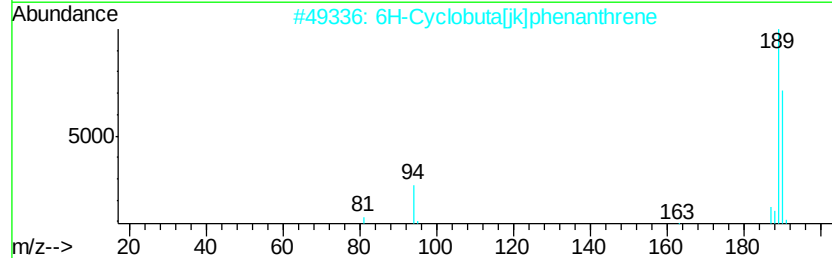
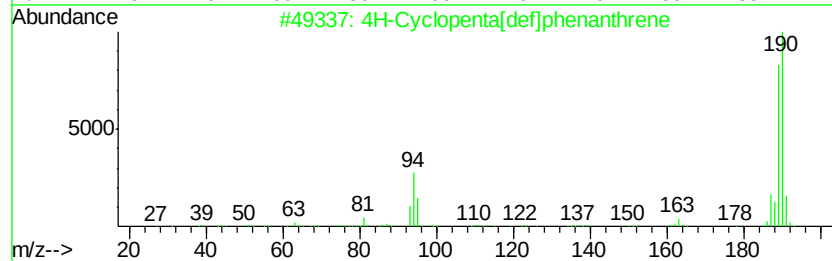
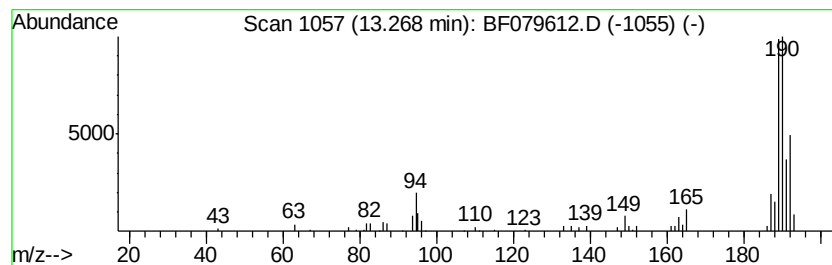
Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.27	3.09 ng	103310	Phenanthrene-d10	12.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

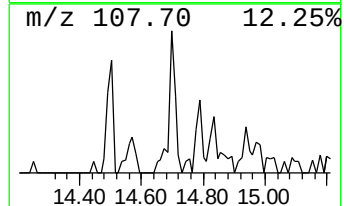
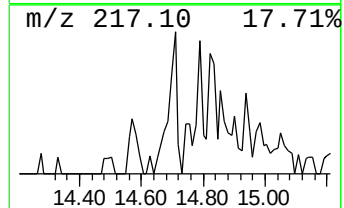
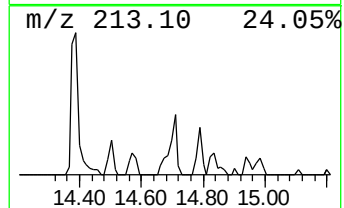
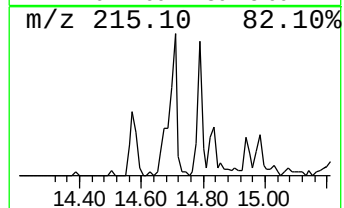
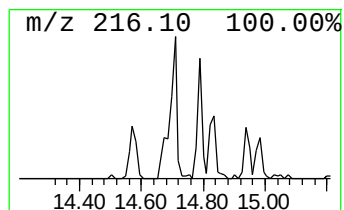
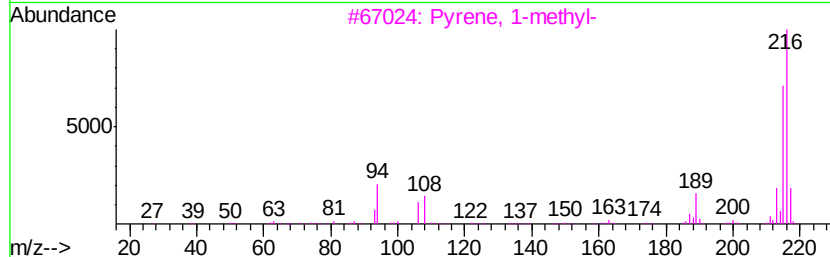
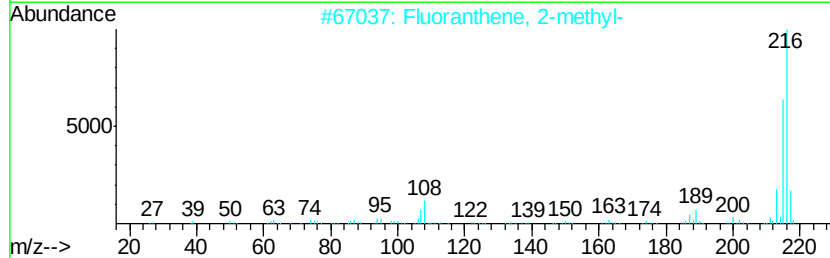
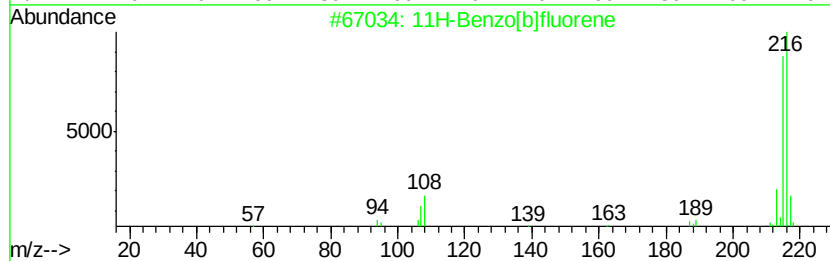
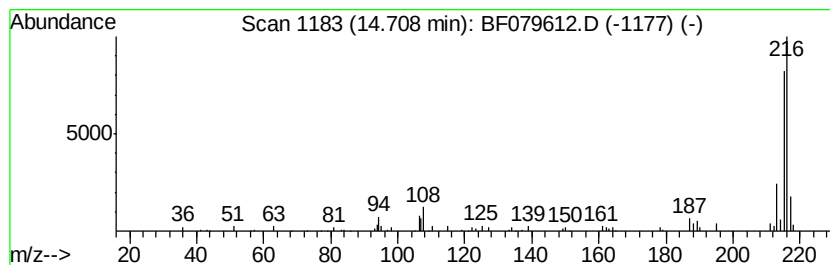
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.09 ng	111909	Chrysene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079612.D
Acq On : 30 May 2015 19:41
Operator : TP/IZ
Sample : G2420-26 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.13(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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
unknown6.66	6.66	16.3	ng	307485	1	6.94	376949	20.0
p-menth-1-en-8-ol	8.57	2.1	ng	54624	2	8.51	527916	20.0
4H-Cyclopenta[def...	13.27	3.1	ng	103310	4	12.50	668479	20.0
11H-Benzo[b]fluorene	14.71	2.1	ng	111909	5	15.78	1070080	20.0