

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079614.D
 Acq On : 30 May 2015 20:39
 Operator : TP/IZ
 Sample : G2420-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.2(4)

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	1.541	30	31	39	rBV	693260	1424751	16.48%	4.651%
2	1.656	39	41	76	rVB	3238718	8645197	100.00%	28.221%
3	5.210	349	352	364	rBV	1091785	1655473	19.15%	5.404%
4	6.536	465	468	476	rBV	1544945	1723416	19.93%	5.626%
5	6.650	476	478	481	rBV	1805825	1765589	20.42%	5.763%
6	6.936	500	503	505	rBV	385204	402246	4.65%	1.313%
7	7.119	517	519	521	rBV	1483691	1375220	15.91%	4.489%
8	7.633	562	564	567	rBV	1050510	1000464	11.57%	3.266%
9	8.513	639	641	643	rBV	553066	538015	6.22%	1.756%
10	9.862	756	759	761	rBV	1933575	2049337	23.70%	6.690%
11	10.376	801	804	806	rBV	91103	128776	1.49%	0.420%
12	10.674	826	830	832	rBV	650439	623553	7.21%	2.035%
13	11.657	913	916	919	rBV	1256132	1353090	15.65%	4.417%
14	12.502	988	990	992	rBV	458530	626406	7.25%	2.045%
15	13.268	1051	1057	1059	rBV2	73914	142261	1.65%	0.464%
16	14.011	1119	1122	1124	rBV	456151	503479	5.82%	1.644%
17	14.285	1143	1146	1148	rBV	469815	522771	6.05%	1.706%
18	14.503	1162	1165	1168	rBV	2214565	2235295	25.86%	7.297%
19	14.708	1177	1183	1186	rBV	54458	113460	1.31%	0.370%
20	14.834	1192	1194	1199	rBV2	44434	95143	1.10%	0.311%
21	15.680	1265	1268	1272	rBV	203103	308240	3.57%	1.006%
22	15.783	1273	1277	1279	rBV2	700371	1089993	12.61%	3.558%
23	15.817	1279	1280	1281	rVV	153101	110492	1.28%	0.361%
24	15.851	1281	1283	1285	rVB	68530	91487	1.06%	0.299%
25	16.091	1301	1304	1307	rBV3	39448	107113	1.24%	0.350%
26	16.480	1336	1338	1341	rVB3	60336	95562	1.11%	0.312%
27	17.028	1384	1386	1392	rVB	187799	427336	4.94%	1.395%
28	17.337	1411	1413	1416	rBV	144978	182248	2.11%	0.595%
29	17.394	1416	1418	1421	rBV	185762	229881	2.66%	0.750%
30	17.451	1421	1423	1425	rBV	469393	668098	7.73%	2.181%
31	18.732	1532	1535	1546	rVB2	97255	271723	3.14%	0.887%
32	19.097	1565	1567	1571	rVB	65774	128287	1.48%	0.419%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

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

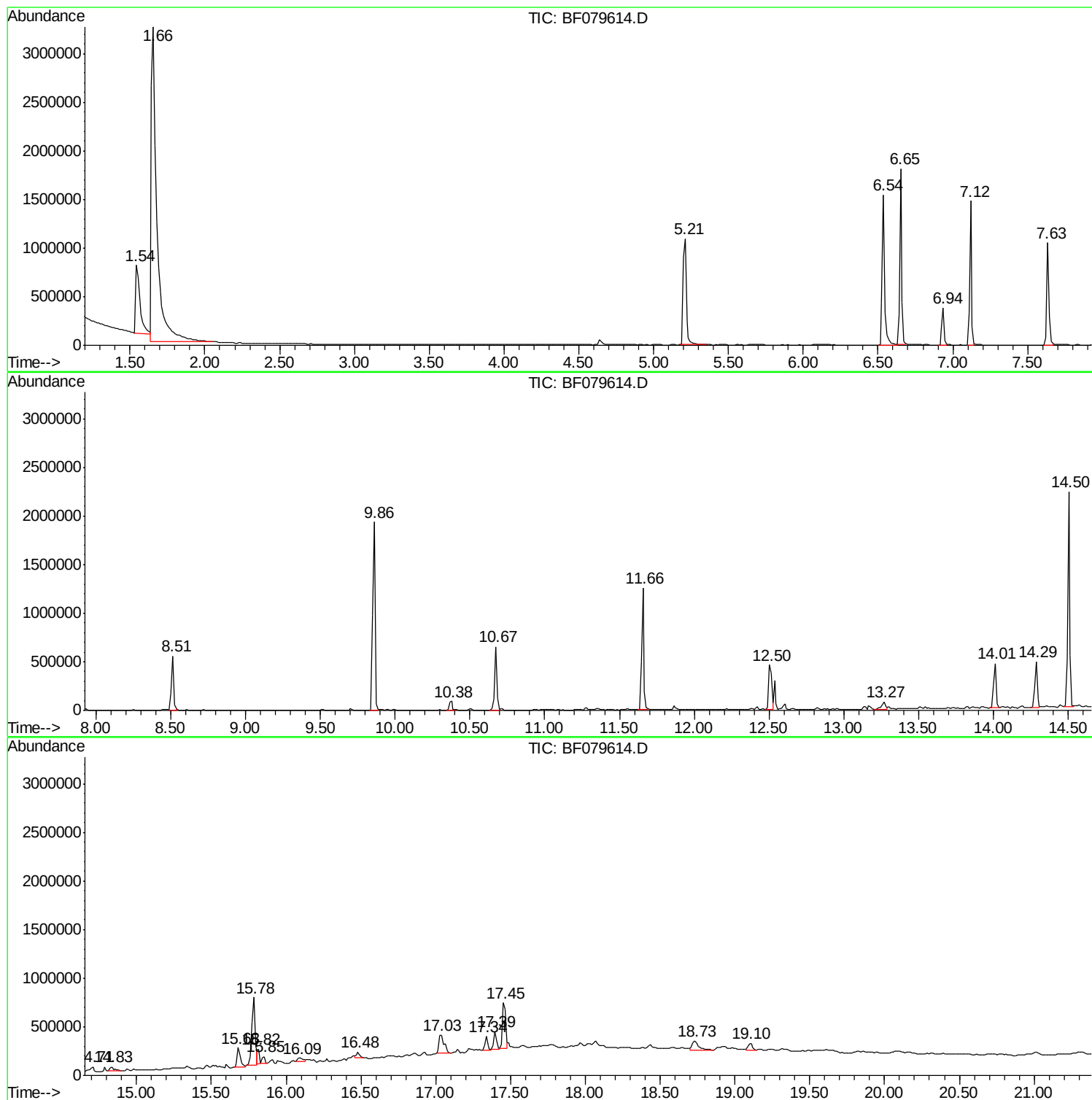
Sum of corrected areas: 30634402

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

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 : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

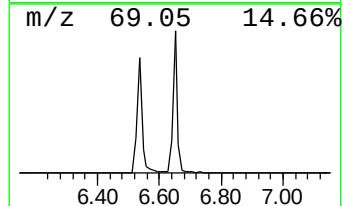
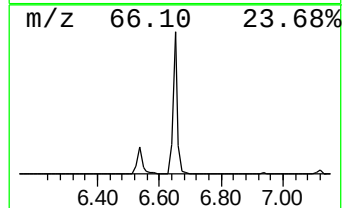
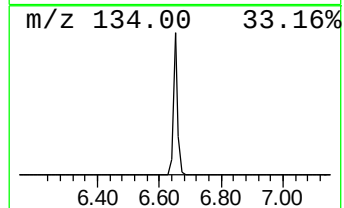
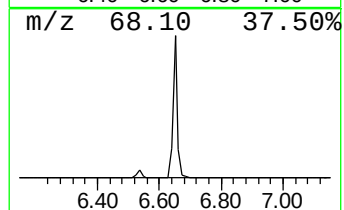
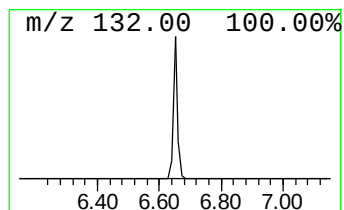
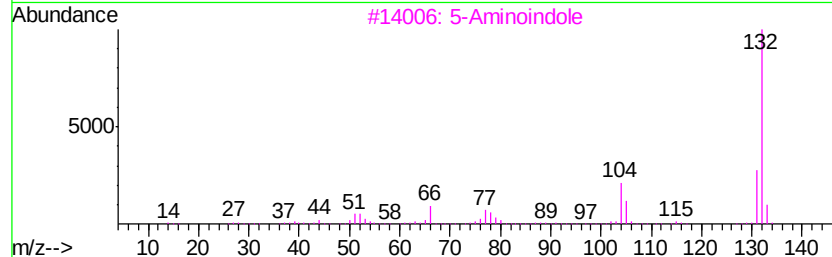
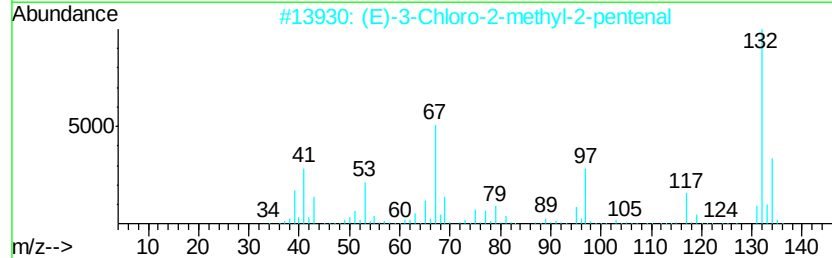
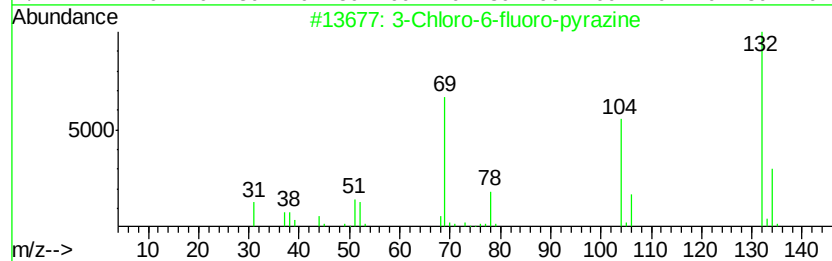
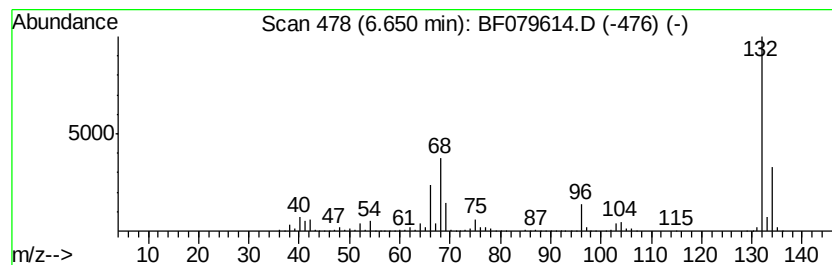
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	87.79 ng	1765590	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

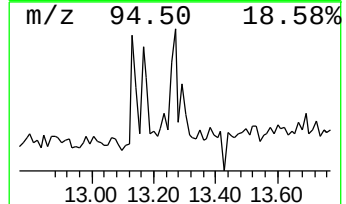
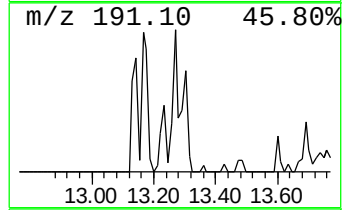
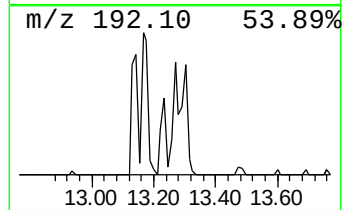
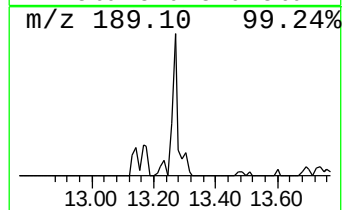
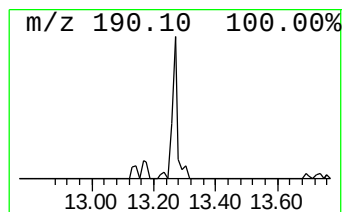
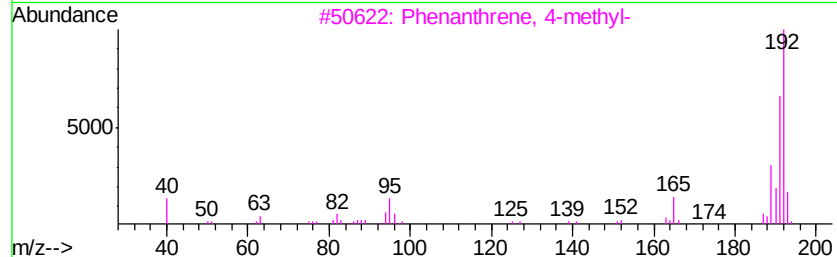
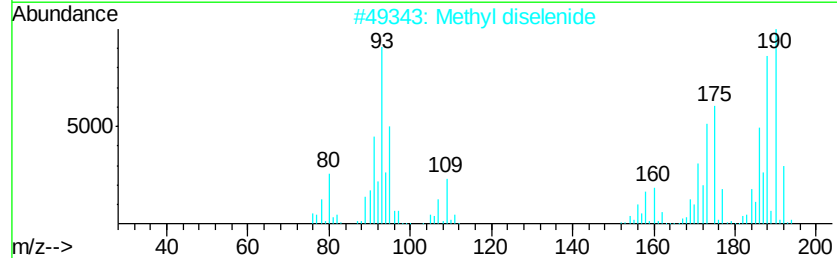
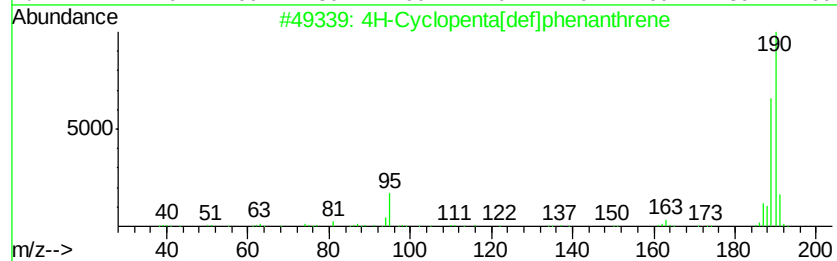
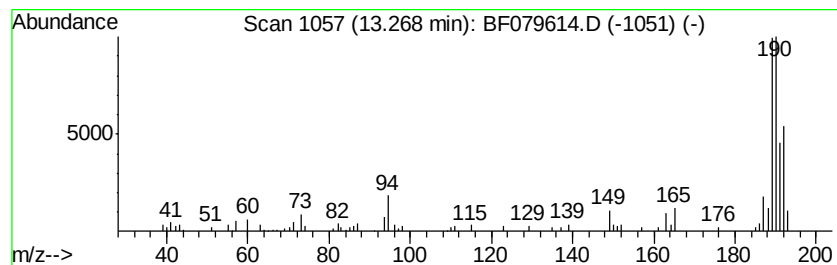
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.54 ng	142261	Phenanthrene-d10	12.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2		Methyl diselenide	190	C2H6Se2	007101-31-7	38
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

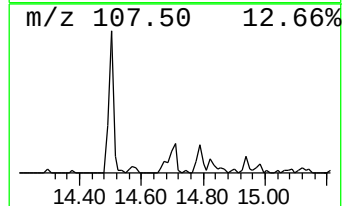
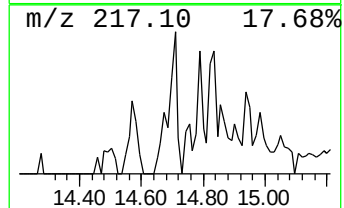
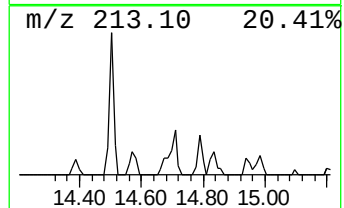
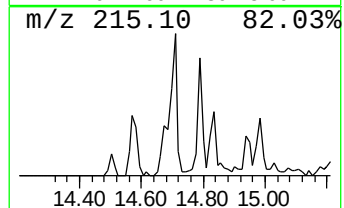
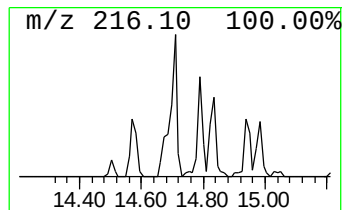
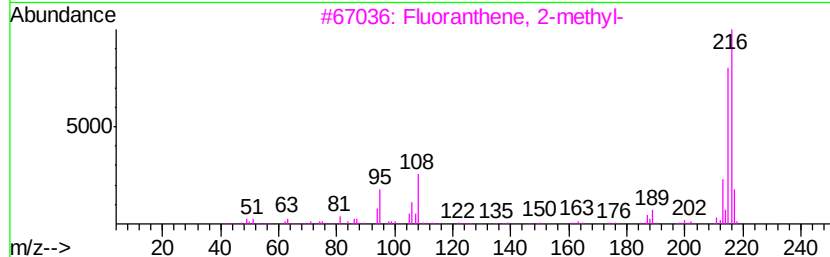
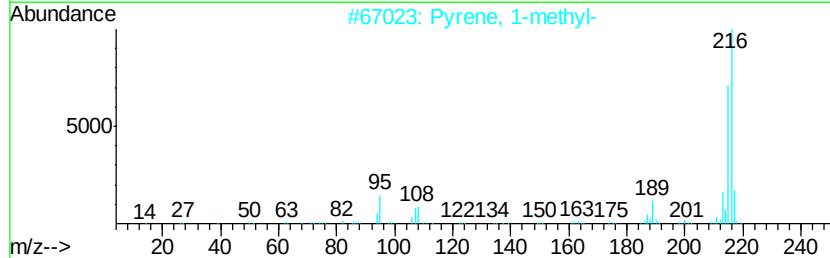
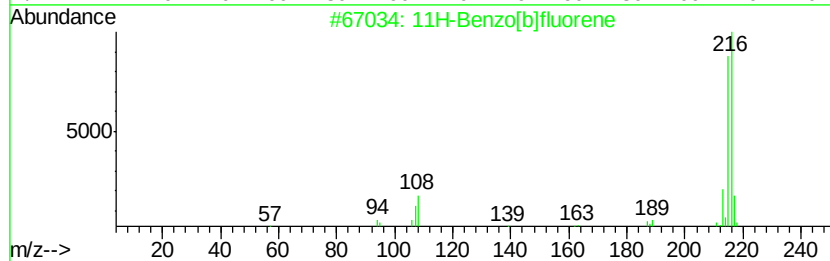
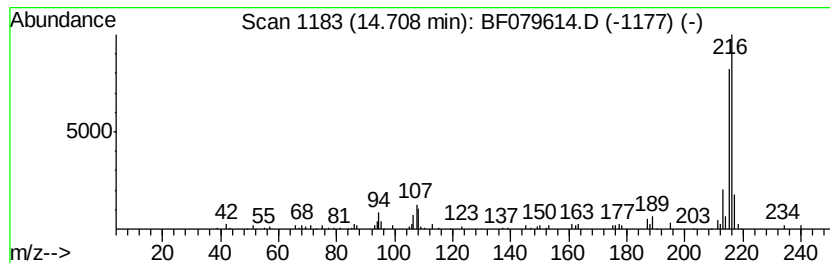
Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

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 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.71	2.08 ng	113460	Chrysene-d12	15.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

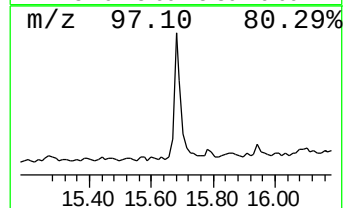
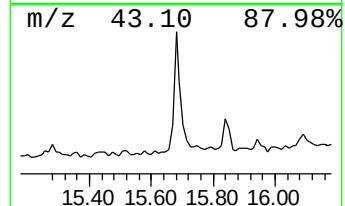
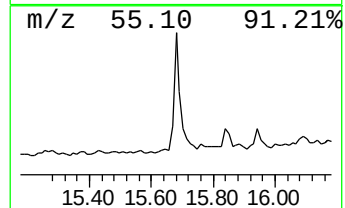
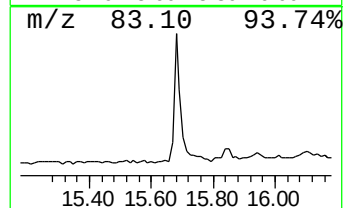
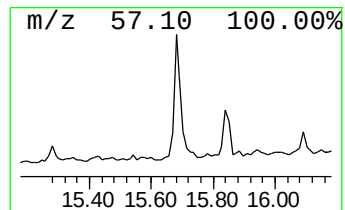
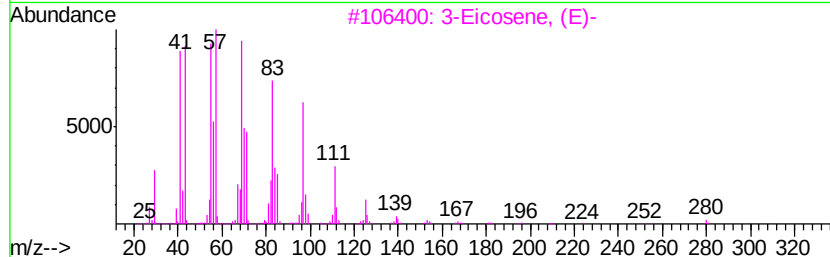
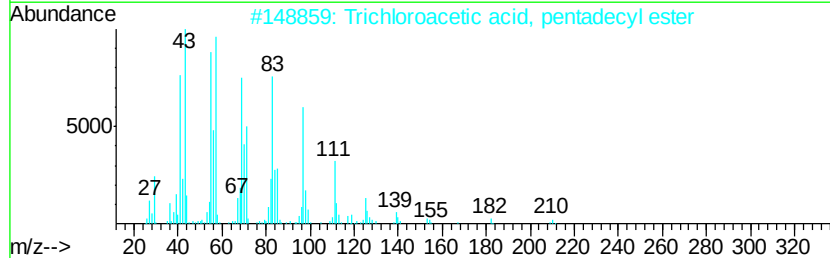
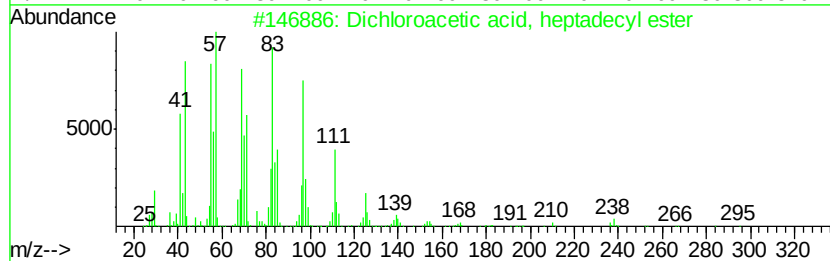
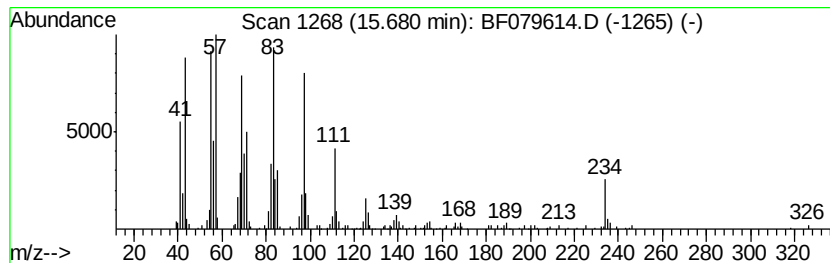
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dichloroacetic acid, heptadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.66 ng	308240	Chrysene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079614.D
Acq On : 30 May 2015 20:39
Operator : TP/IZ
Sample : G2420-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.2(4)

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
unknown6.65	6.65	87.8	ng	1765590	1	6.94	402246	20.0
4H-Cyclopenta[def...	13.27	4.5	ng	142261	4	12.50	626406	20.0
11H-Benzo[b]fluorene	14.71	2.1	ng	113460	5	15.78	1089990	20.0
Dichloroacetic ac...	15.68	5.7	ng	308240	5	15.78	1089990	20.0