

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079927.D
 Acq On : 12 Jun 2015 8:13
 Operator : TP/IZ
 Sample : G2449-04 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM3

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-BF061115.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	1.358	13	15	17	rVB	162435	158587	3.76%	0.392%
2	2.261	91	94	97	rVV	1203469	1429412	33.92%	3.534%
3	2.353	99	102	125	rVB	370829	795026	18.87%	1.965%
4	5.999	419	421	424	rBV	277546	289515	6.87%	0.716%
5	6.982	505	507	510	rBV	238476	304735	7.23%	0.753%
6	7.153	520	522	525	rBV	312164	319906	7.59%	0.791%
7	7.393	541	543	545	rVB	406288	319071	7.57%	0.789%
8	7.553	555	557	559	rBV	339067	269515	6.40%	0.666%
9	7.942	589	591	594	rBV	149434	159770	3.79%	0.395%
10	8.685	654	656	657	rBV	604709	486370	11.54%	1.202%
11	9.759	748	750	752	rVB	539518	412799	9.80%	1.020%
12	10.456	809	811	813	rBV	630041	565742	13.43%	1.399%
13	10.491	813	814	816	rVB	405888	296144	7.03%	0.732%
14	10.662	827	829	831	rBV	316282	270127	6.41%	0.668%
15	11.005	857	859	862	rVB	216125	277539	6.59%	0.686%
16	11.245	878	880	883	rBV2	249917	320362	7.60%	0.792%
17	11.759	923	925	927	rVB	171000	162659	3.86%	0.402%
18	11.862	932	934	941	rVB	246484	209140	4.96%	0.517%
19	11.999	941	946	947	rBV2	3116339	4214048	100.00%	10.417%
20	12.045	947	950	952	rVB	971300	786167	18.66%	1.943%
21	12.194	961	963	965	rBV	328747	316443	7.51%	0.782%
22	12.491	986	989	990	rBV	266074	369503	8.77%	0.913%
23	12.514	990	991	993	rVB	488329	436690	10.36%	1.080%
24	12.571	993	996	997	rBV	152848	195801	4.65%	0.484%
25	12.605	997	999	1003	rBV2	380598	751006	17.82%	1.856%
26	12.799	1014	1016	1020	rBV2	239586	440207	10.45%	1.088%
27	13.074	1037	1040	1042	rBV	171489	229405	5.44%	0.567%
28	13.119	1042	1044	1047	rVB3	96730	179165	4.25%	0.443%
29	13.165	1047	1048	1051	rVB2	132295	177910	4.22%	0.440%
30	13.257	1054	1056	1059	rBV	2677919	3637111	86.31%	8.991%
31	13.428	1069	1071	1075	rVB	144270	197638	4.69%	0.489%
32	13.520	1075	1079	1082	rBV	3097617	3744405	88.86%	9.256%
33	13.565	1082	1083	1086	rVB2	163387	176875	4.20%	0.437%
34	13.657	1088	1091	1093	rBV2	511112	657857	15.61%	1.626%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079927.D
 Acq On : 12 Jun 2015 8:13
 Operator : TP/IZ
 Sample : G2449-04 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM3

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-BF061115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.760	1097	1100	1104	rBV3	168637	412307	9.78%	1.019%
36	13.885	1107	1111	1113	rVB	316062	457975	10.87%	1.132%
37	13.965	1115	1118	1119	rBV	155185	156773	3.72%	0.388%
38	14.011	1119	1122	1124	rBV2	227474	314655	7.47%	0.778%
39	14.160	1133	1135	1137	rBV	132772	154914	3.68%	0.383%
40	14.251	1140	1143	1148	rVB4	61744	138574	3.29%	0.343%
41	14.354	1148	1152	1154	rBV5	54850	165732	3.93%	0.410%
42	14.491	1159	1164	1167	rBV	205222	310505	7.37%	0.768%
43	14.628	1173	1176	1178	rBV2	170252	315362	7.48%	0.780%
44	14.662	1178	1179	1181	rVV	211734	266530	6.32%	0.659%
45	14.697	1181	1182	1184	rVV2	207620	325993	7.74%	0.806%
46	14.743	1184	1186	1190	rVB2	236248	342437	8.13%	0.847%
47	14.937	1200	1203	1205	rBV2	1625420	2511144	59.59%	6.208%
48	14.983	1205	1207	1212	rVB	1239935	1494590	35.47%	3.695%
49	15.085	1214	1216	1219	rVB	165065	170435	4.04%	0.421%
50	15.223	1226	1228	1231	rBV2	143219	207913	4.93%	0.514%
51	15.451	1245	1248	1250	rBV	187168	255269	6.06%	0.631%
52	15.497	1250	1252	1254	rVB	108669	131847	3.13%	0.326%
53	15.577	1254	1259	1261	rBV3	73676	171019	4.06%	0.423%
54	15.714	1267	1271	1275	rVB4	66183	142859	3.39%	0.353%
55	16.103	1300	1305	1310	rBV4	57035	189779	4.50%	0.469%
56	16.308	1320	1323	1330	rBV	923785	2377915	56.43%	5.878%
57	16.446	1333	1335	1338	rVB	183451	226880	5.38%	0.561%
58	16.583	1343	1347	1350	rBV3	52675	188284	4.47%	0.465%
59	16.697	1354	1357	1361	rVV	491393	878096	20.84%	2.171%
60	16.777	1361	1364	1368	rVV	729514	1202341	28.53%	2.972%
61	16.857	1368	1371	1373	rVV	460993	766144	18.18%	1.894%
62	16.903	1373	1375	1380	rVB	244989	411581	9.77%	1.017%
63	18.560	1513	1520	1524	rBV3	59848	256970	6.10%	0.635%
64	18.766	1534	1538	1545	rVB2	311698	812951	19.29%	2.010%
65	19.006	1555	1559	1563	rBV	58515	139365	3.31%	0.345%
66	19.349	1584	1589	1601	rVB	268086	761887	18.08%	1.883%
67	19.646	1612	1615	1626	rVB	62542	237217	5.63%	0.586%

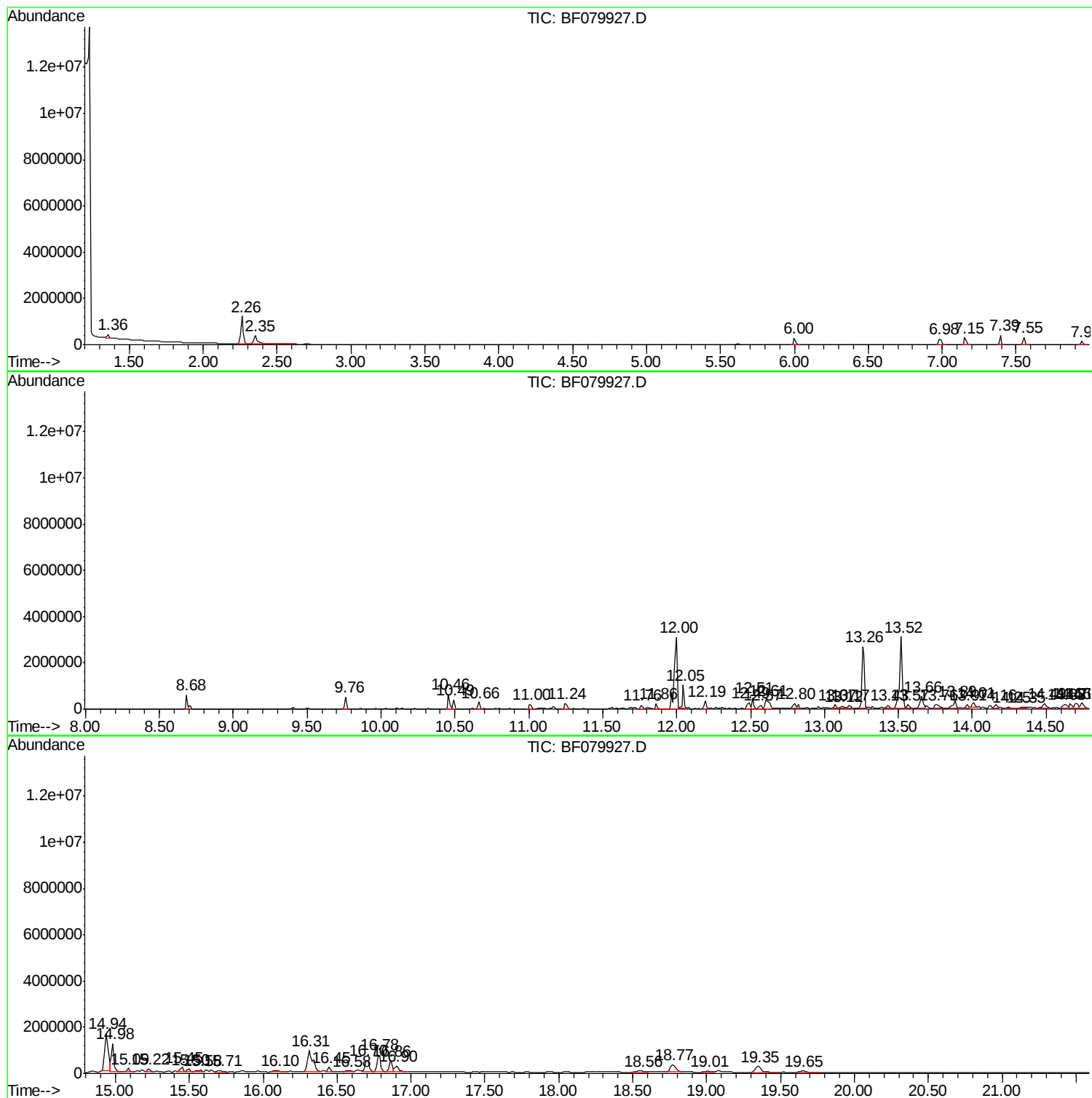
Sum of corrected areas: 40452893

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.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\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

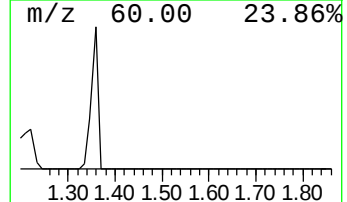
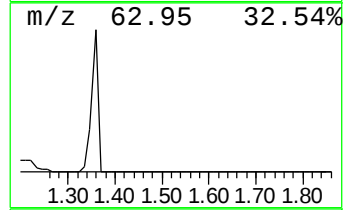
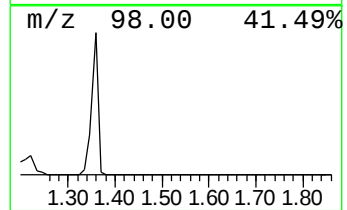
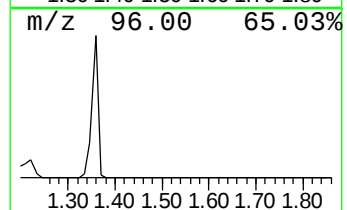
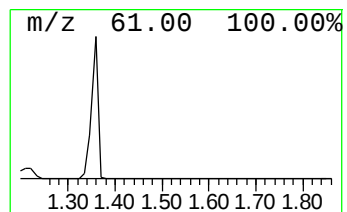
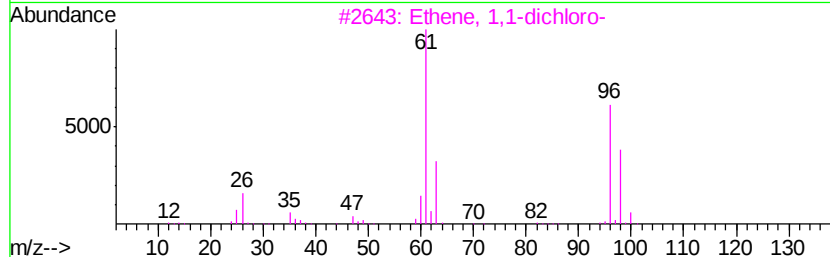
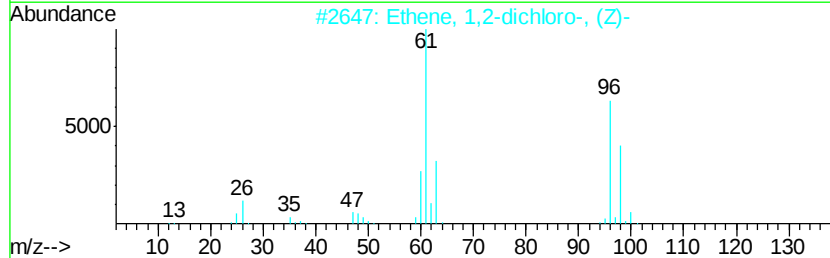
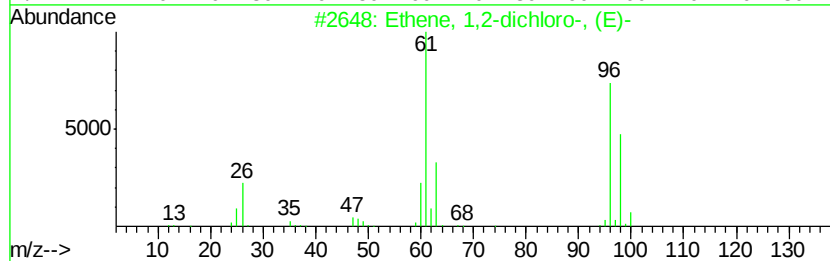
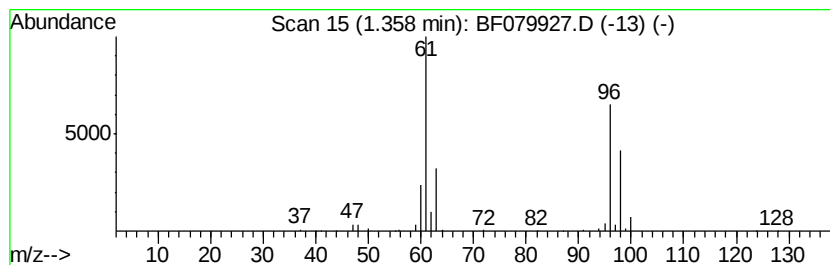
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	9.94 ng	158587	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	95
2		Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	94
3		Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
4		1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	91
5		Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

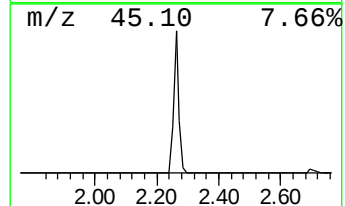
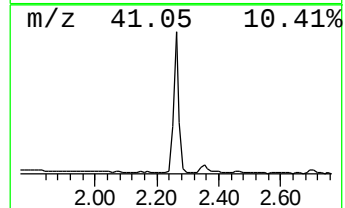
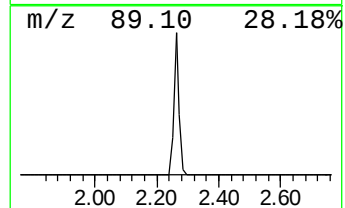
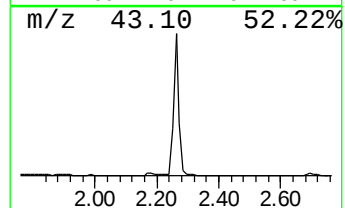
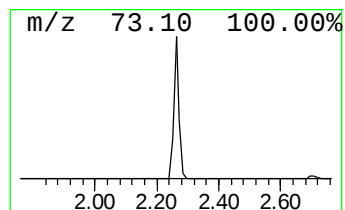
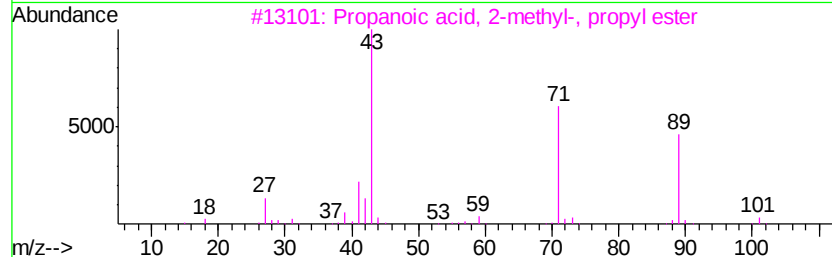
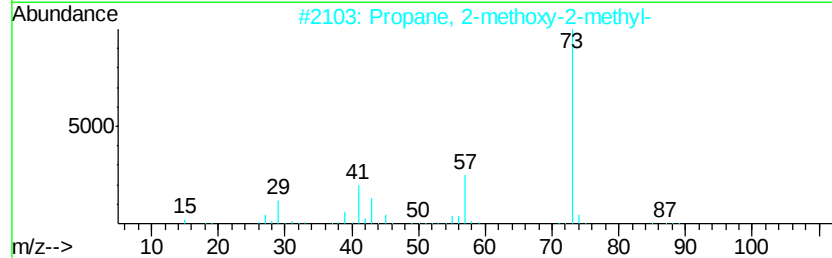
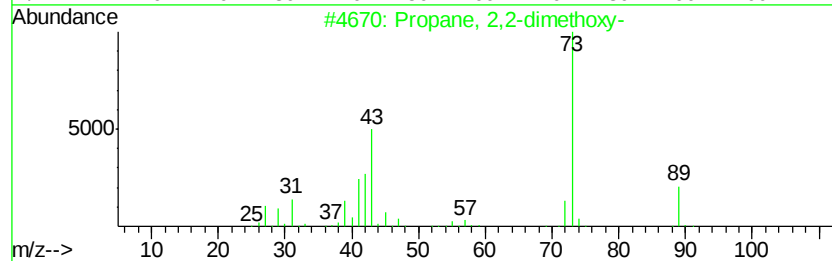
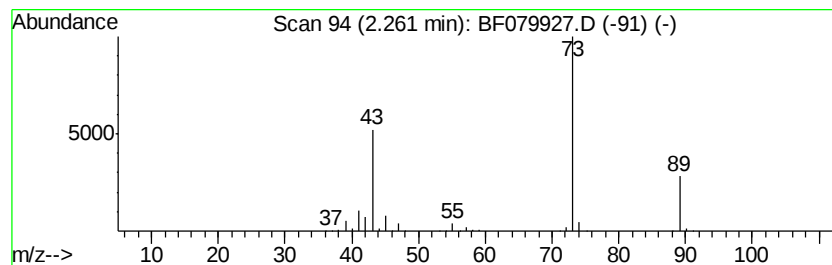
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	89.60 ng	1429410	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Propanoic acid, 2-methyl-, propyl ester	130	C7H14O2	000644-49-5	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

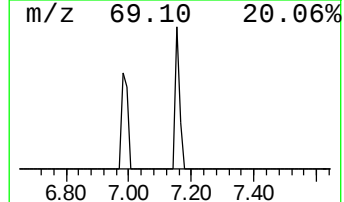
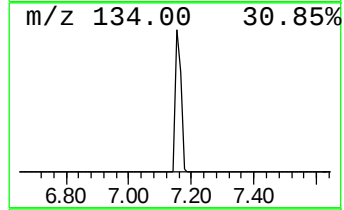
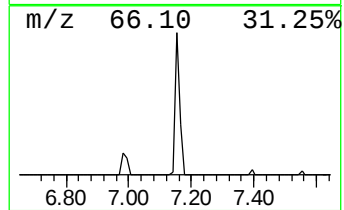
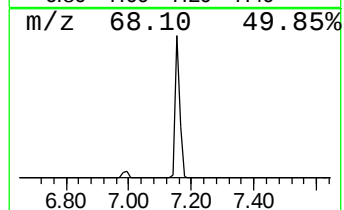
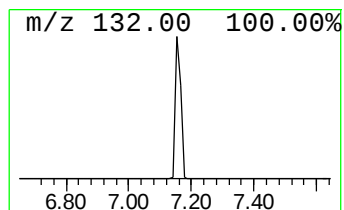
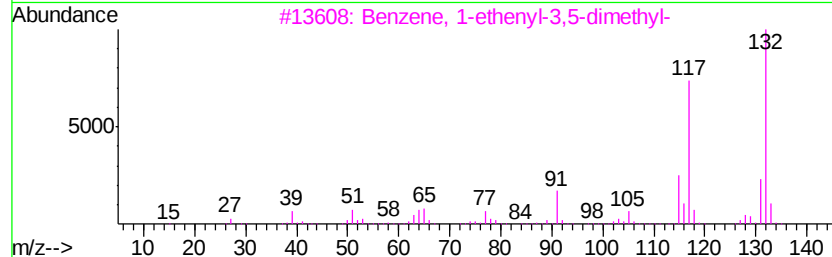
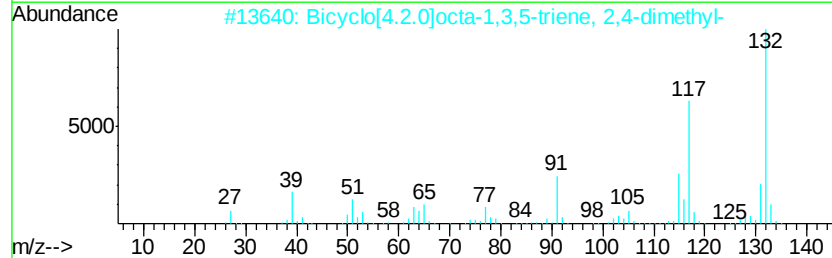
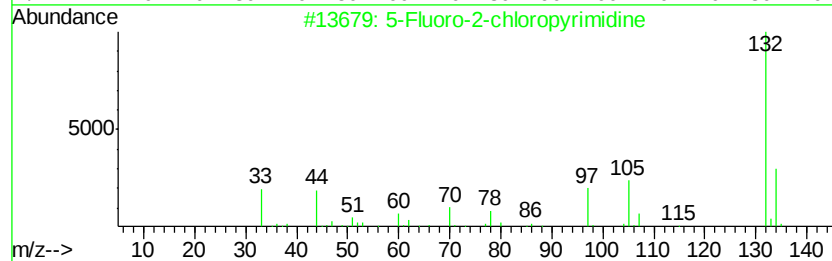
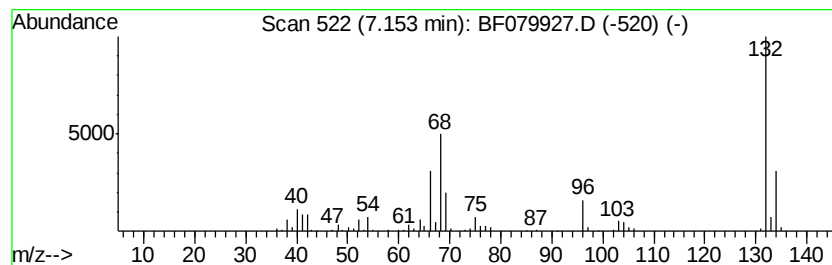
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	20.05 ng	319906	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		Xenon	132	Xe	007440-63-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

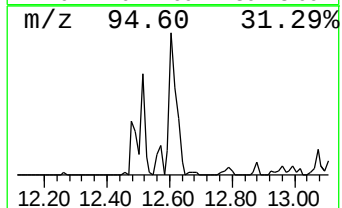
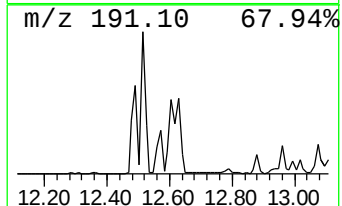
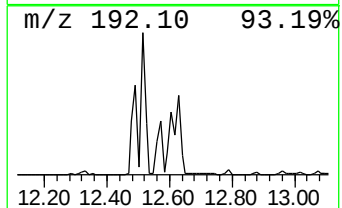
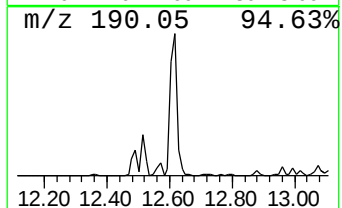
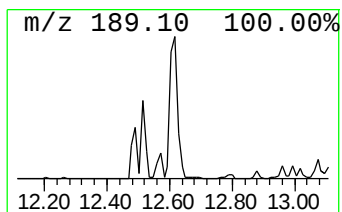
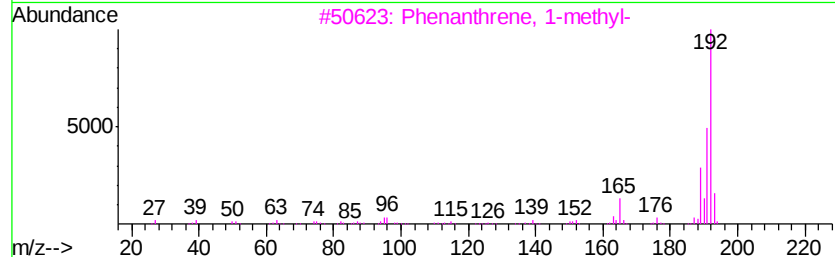
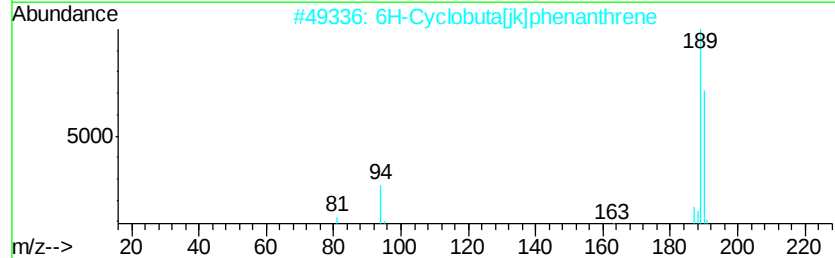
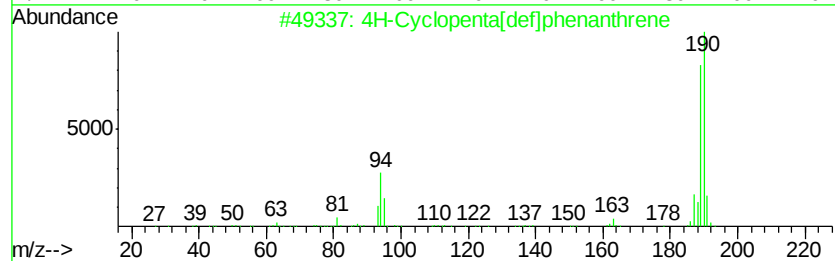
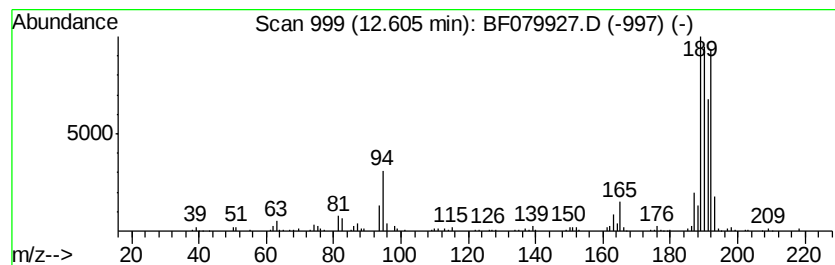
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.56 ng	751006	Phenanthrene-d10	11.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

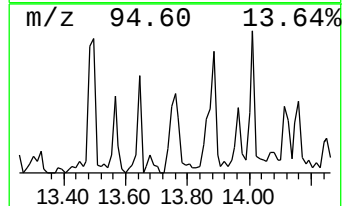
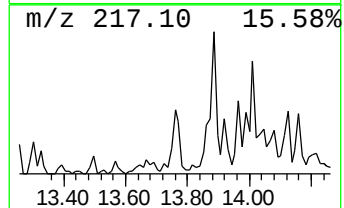
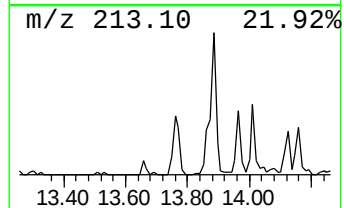
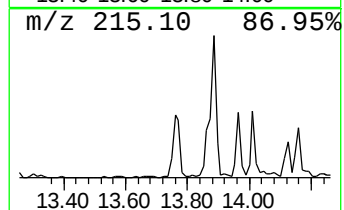
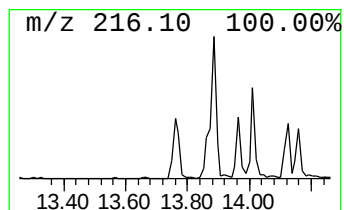
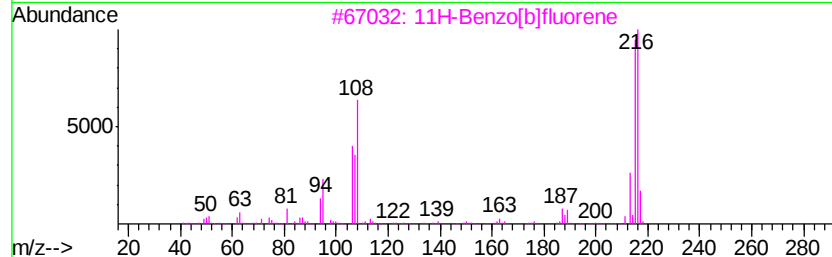
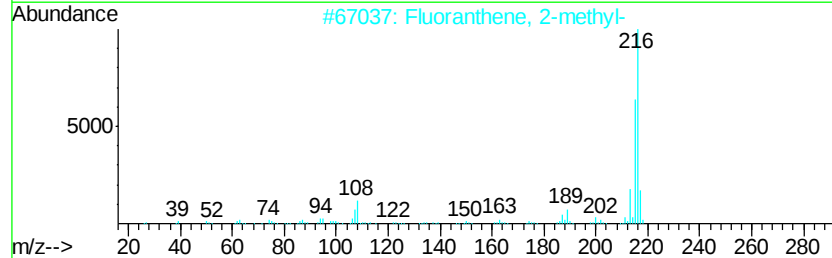
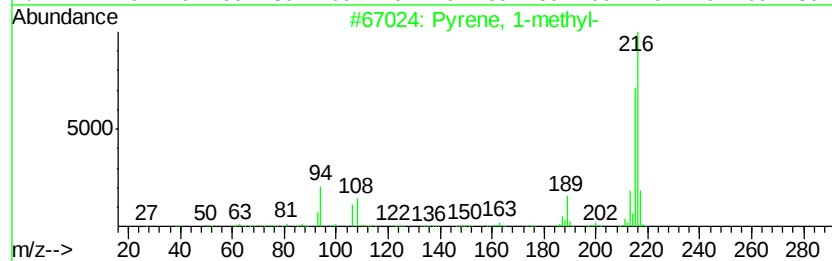
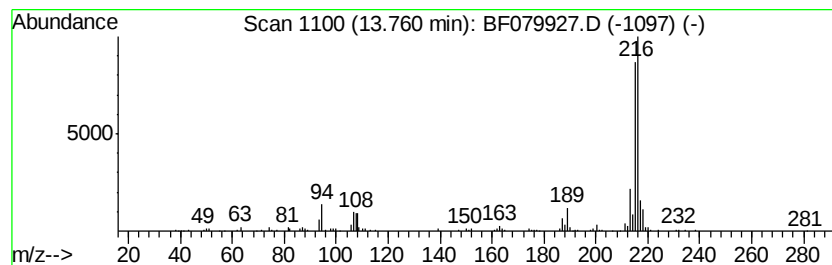
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.28 ng	412307	Chrysene-d12	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

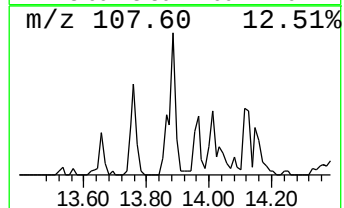
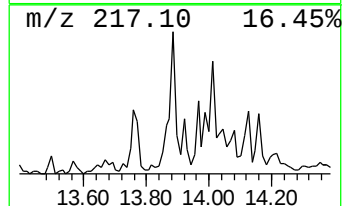
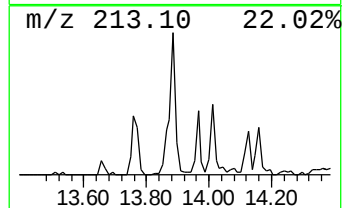
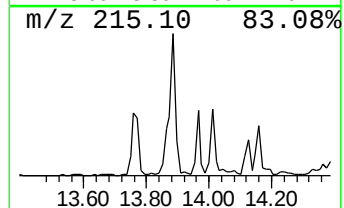
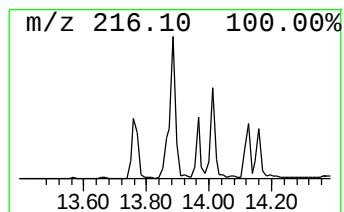
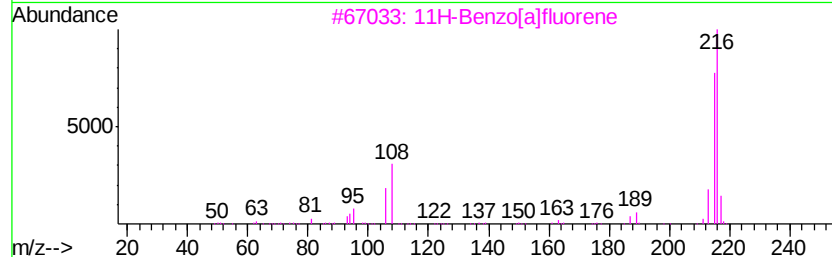
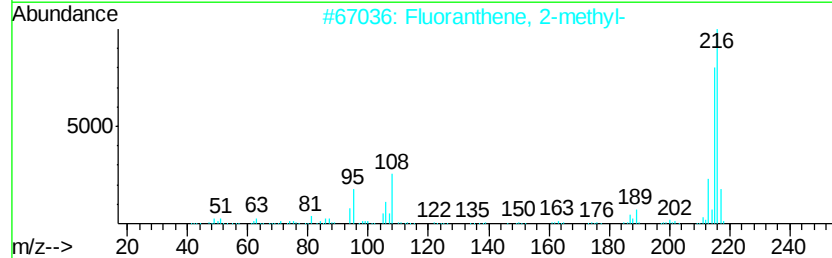
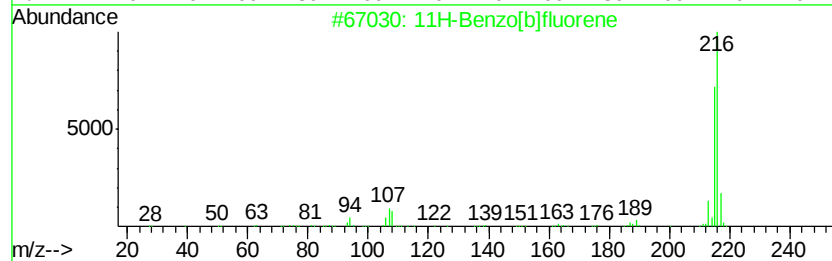
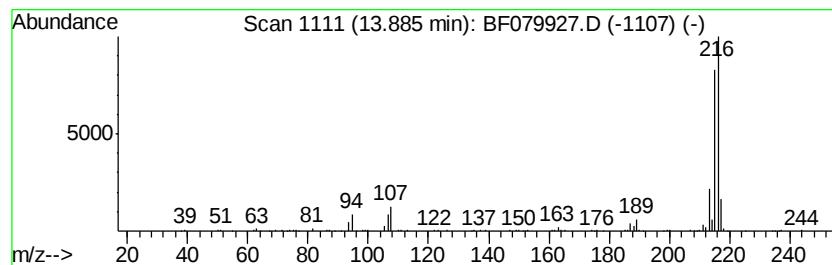
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.65 ng	457975	Chrysene-d12	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

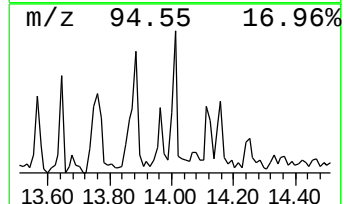
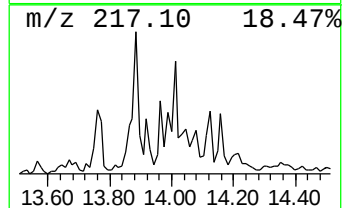
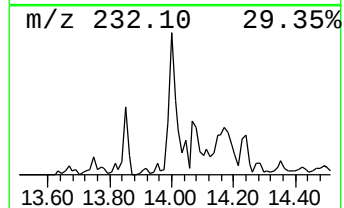
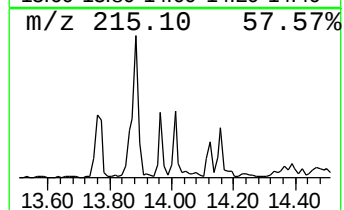
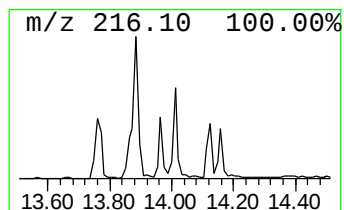
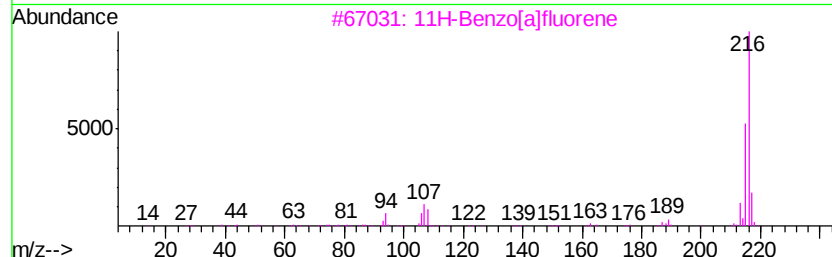
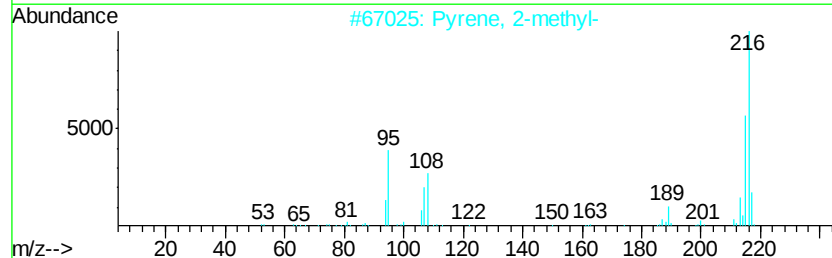
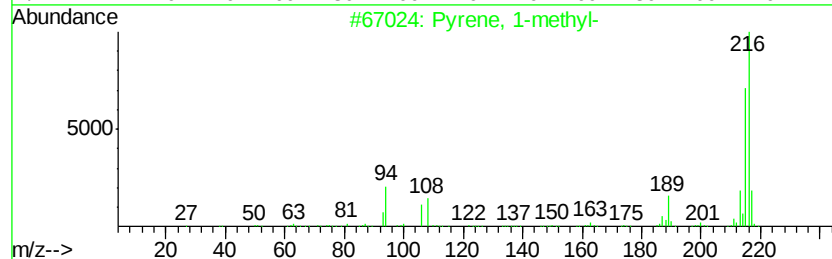
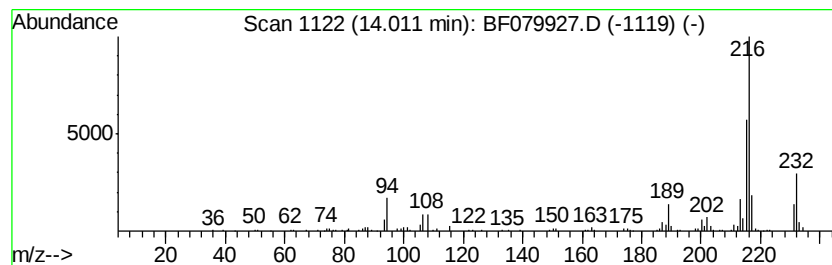
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.51 ng	314655	Chrysene-d12	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

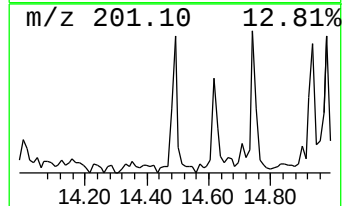
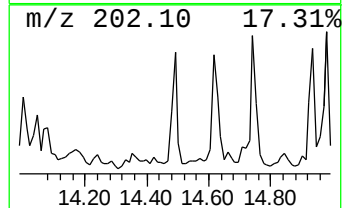
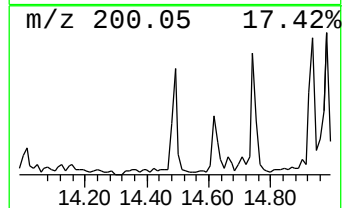
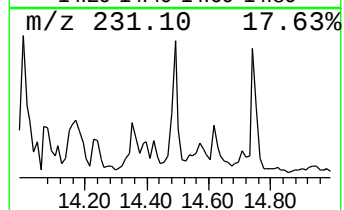
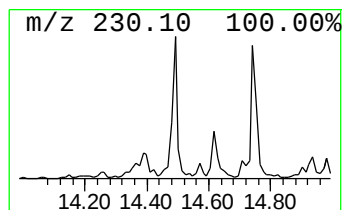
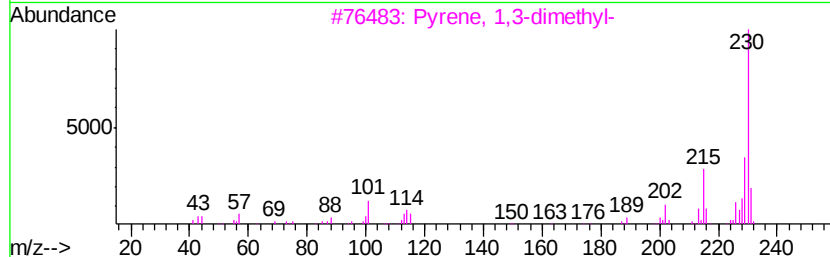
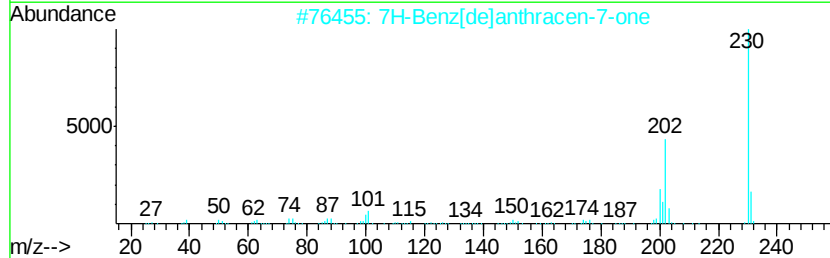
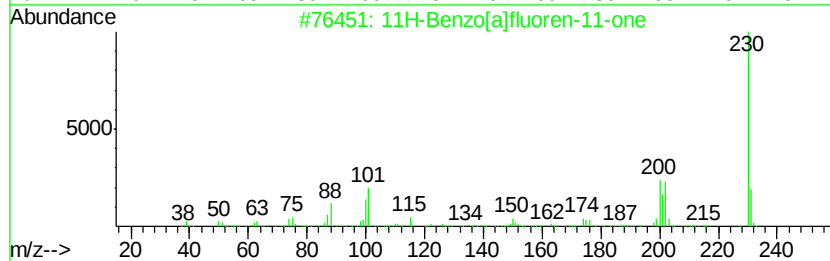
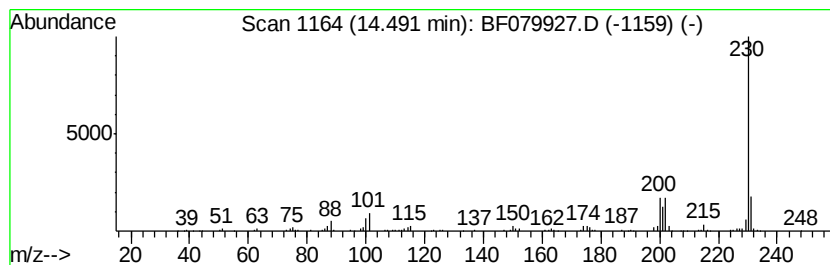
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.47 ng	310505	Chrysene-d12	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		Pvrene, 1,3-dimethyl-	230	C18H14	064401-21-4	72
4		(E)-.alpha.,.alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	72
5		o-Terphenyl	230	C18H14	000084-15-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

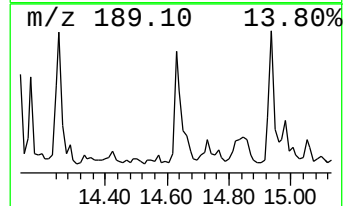
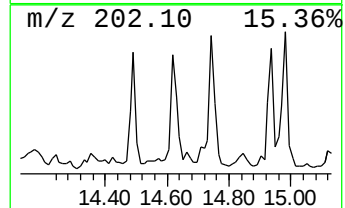
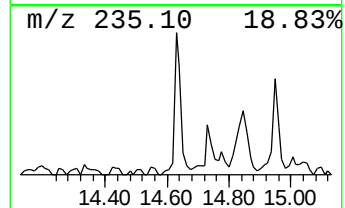
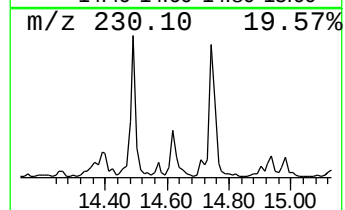
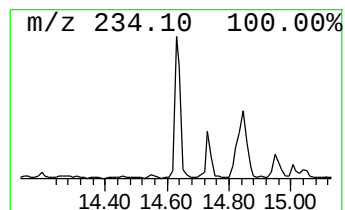
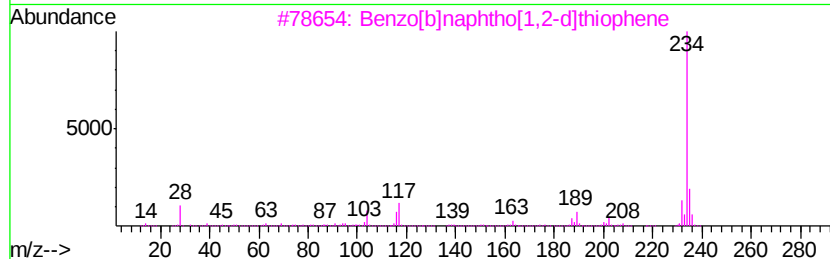
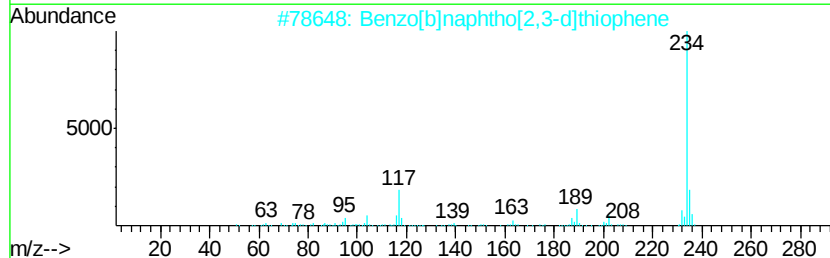
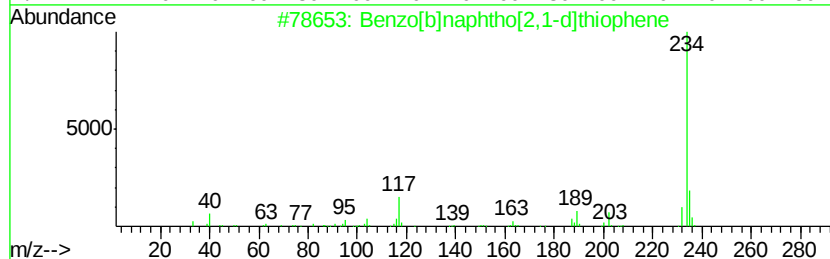
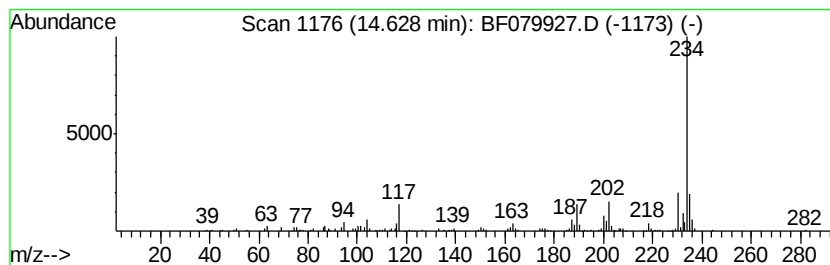
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.51 ng	315362	Chrysene-d12	14.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	68
4			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	53
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

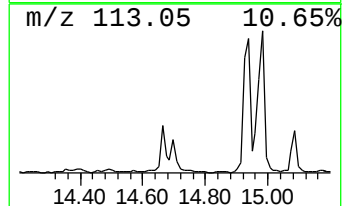
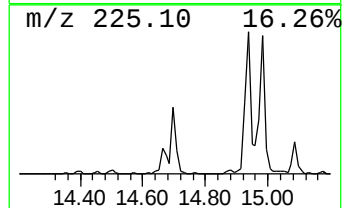
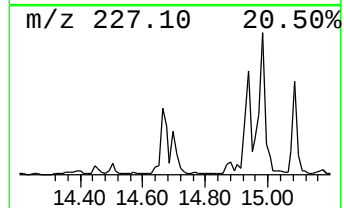
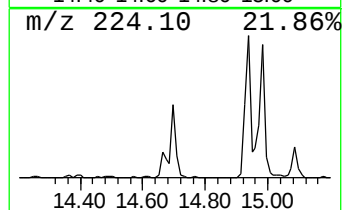
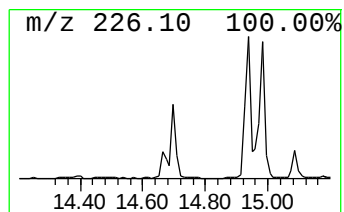
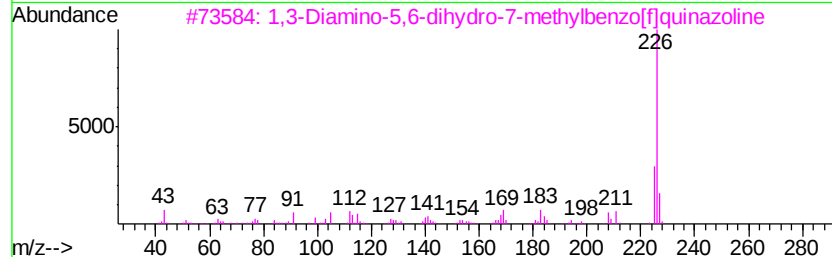
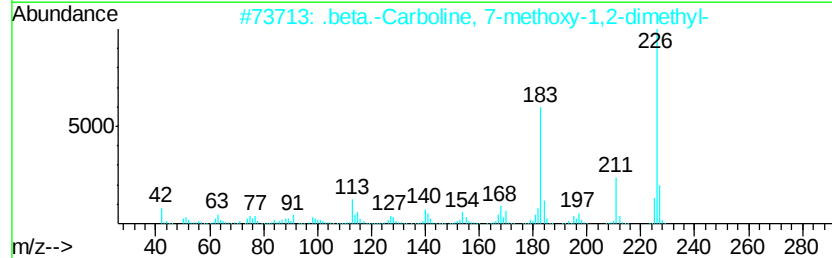
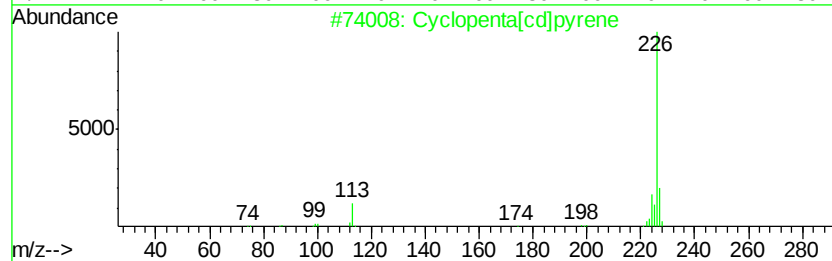
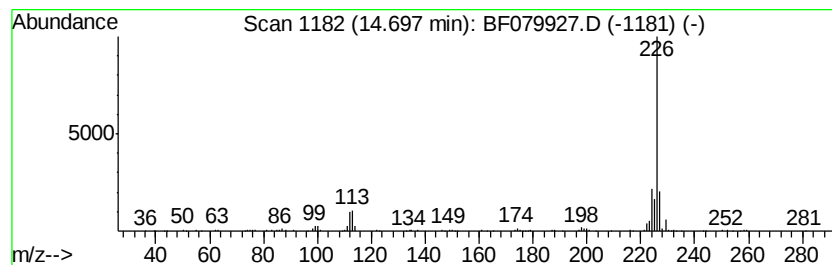
Instrument :
BNA_F
ClientSampleId :
FM3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.70	2.60 ng	325993	Chrysene-d12	14.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta[cd]pvrene	226	C18H10	027208-37-3	81
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
4		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	36
5		6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	33



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

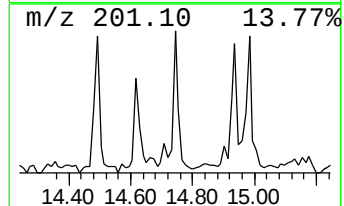
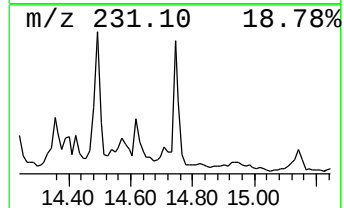
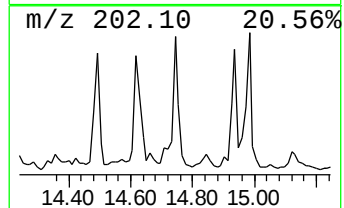
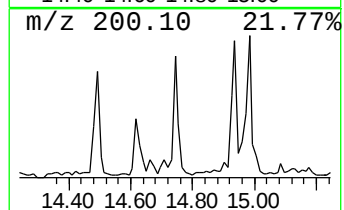
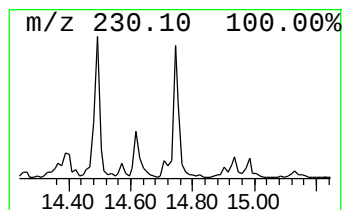
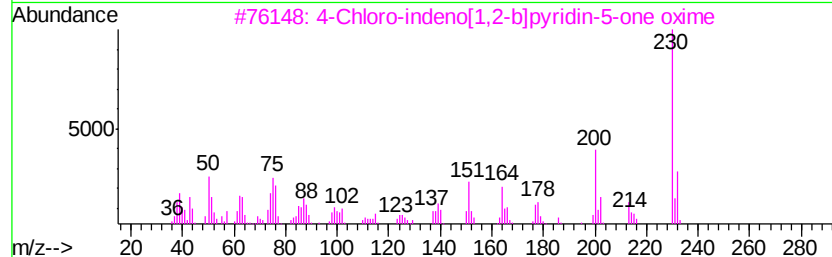
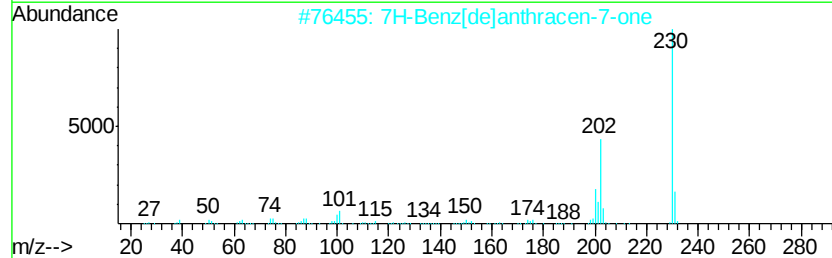
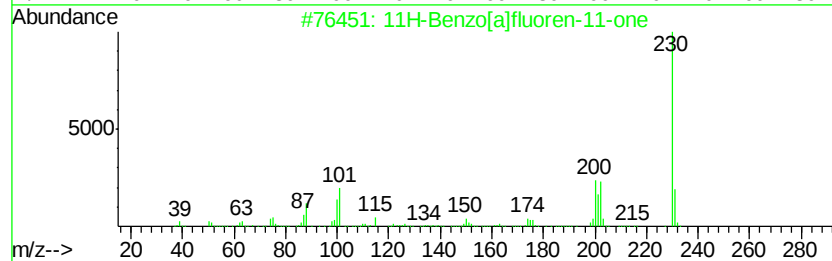
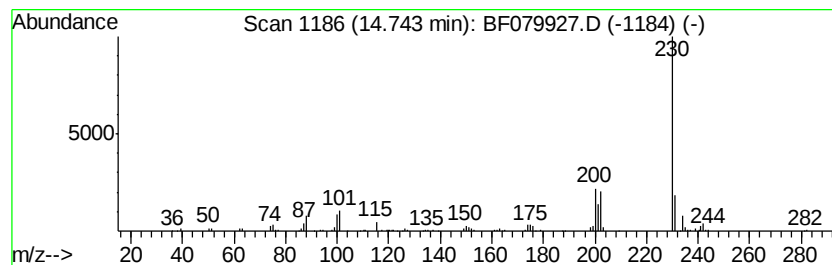
Instrument :
BNA_F
ClientSampleId :
FM3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.74	2.73 ng	342437	Chrysene-d12	14.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	58
4		(E)-.alpha.,.alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	50
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

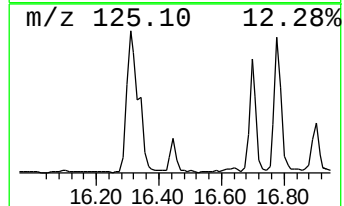
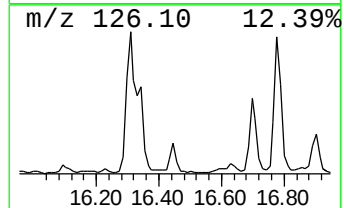
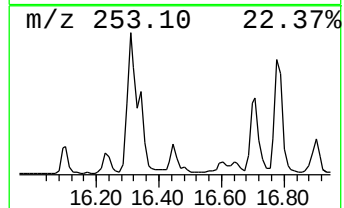
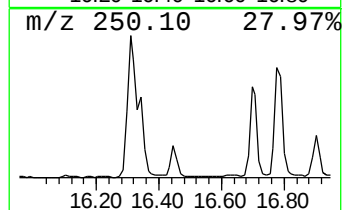
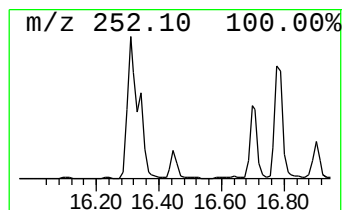
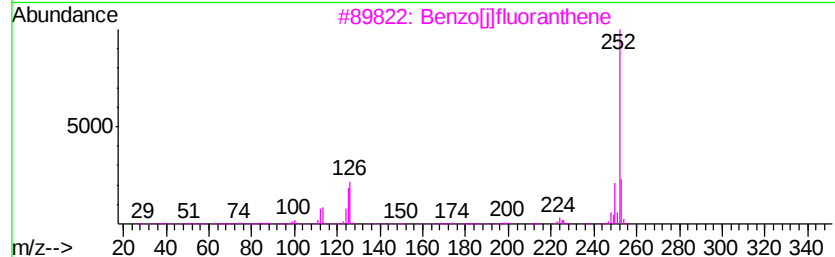
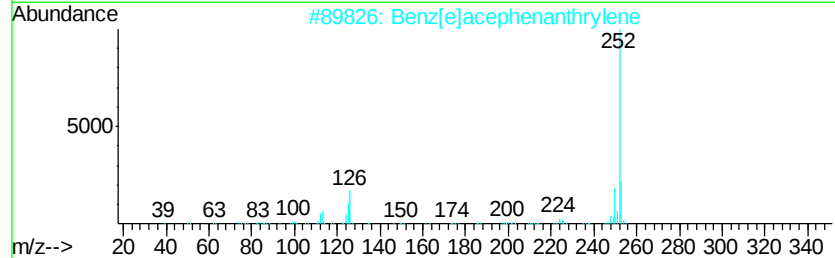
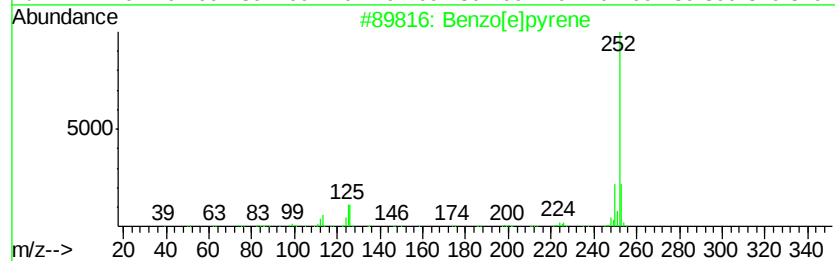
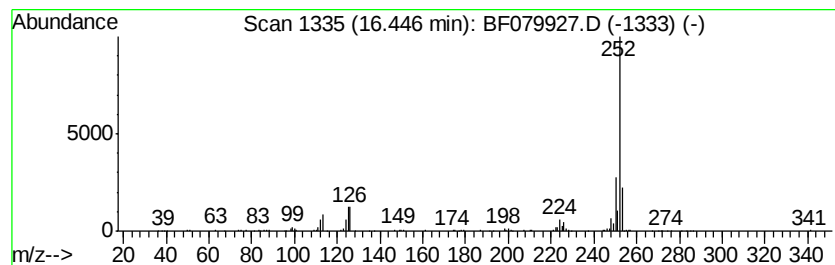
Instrument :
BNA_F
ClientSampleId :
FM3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	5.92 ng	226880	Perylene-d12	16.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 93
2		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 93
3		Benzo[i]fluoranthene	252 C20H12	000205-82-3 90
4		Perylene	252 C20H12	000198-55-0 90
5		Benzo[a]pyrene	252 C20H12	000050-32-8 90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

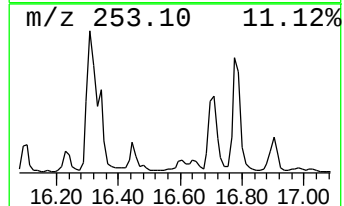
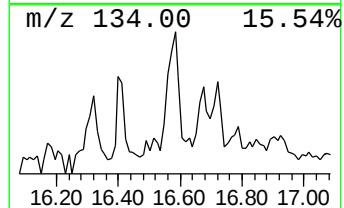
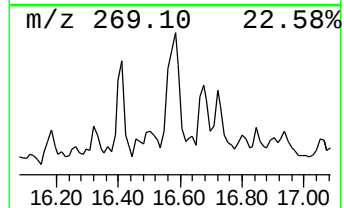
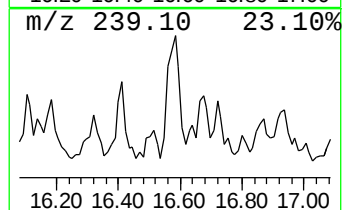
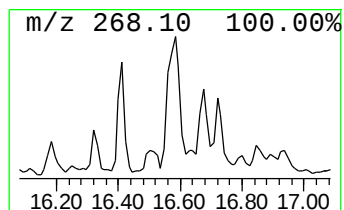
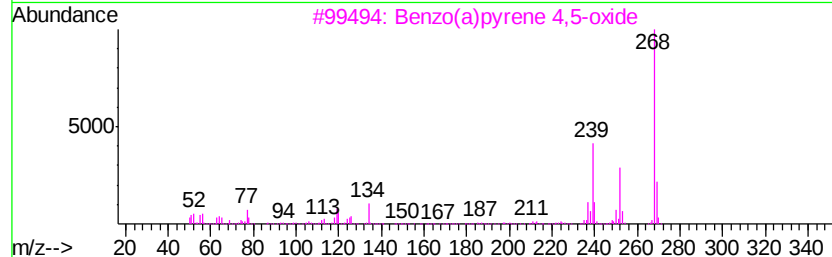
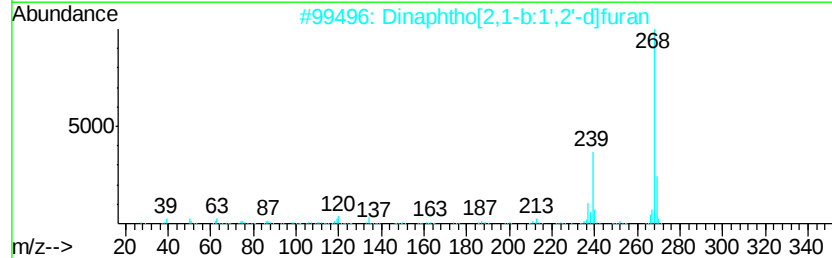
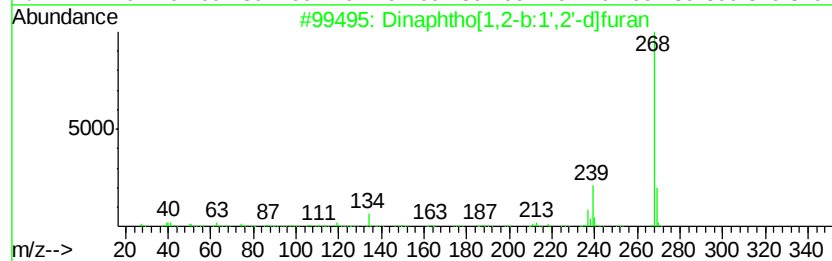
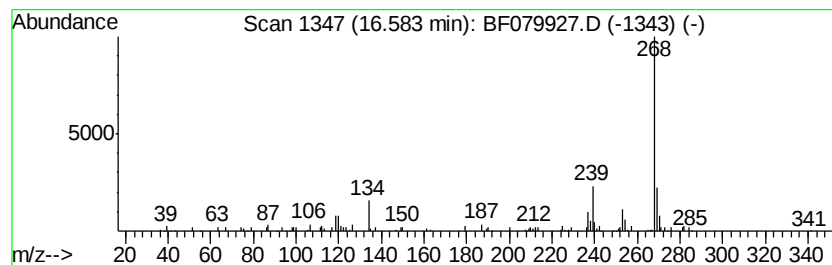
Instrument :
BNA_F
ClientSampleId :
FM3

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.58	4.92 ng	188284	Perylene-d12	16.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

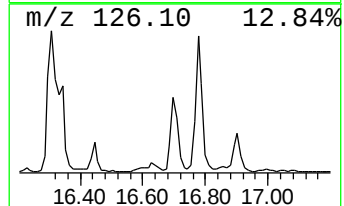
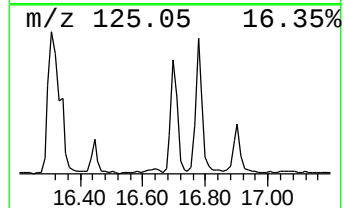
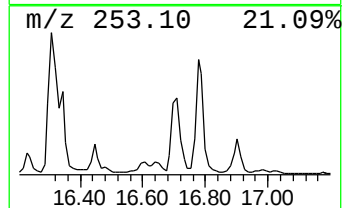
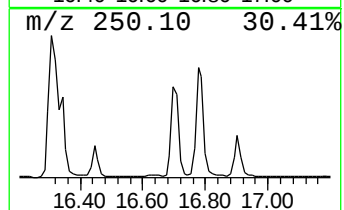
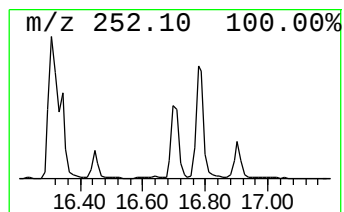
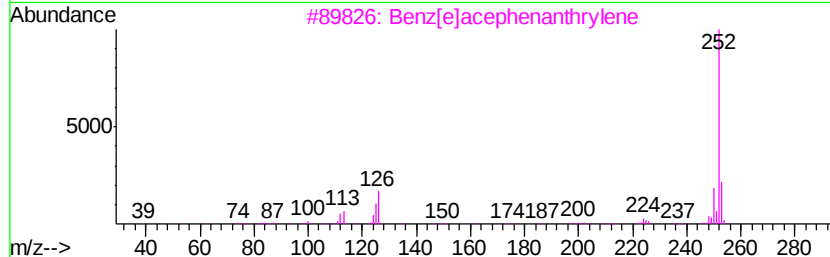
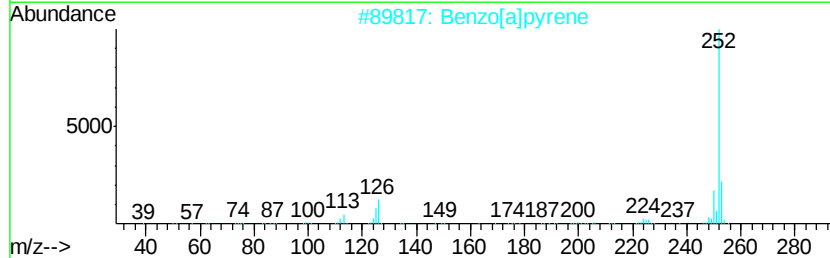
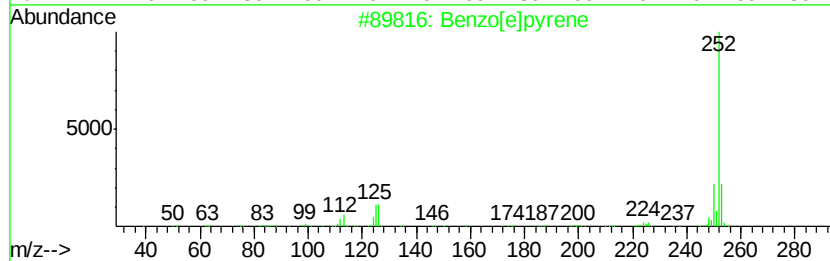
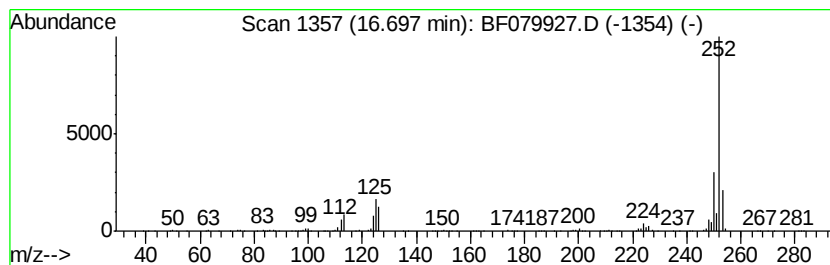
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	22.92 ng	878096	Perylene-d12	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

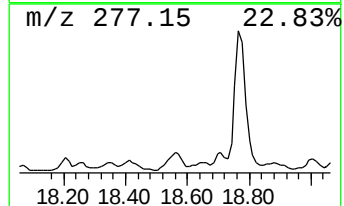
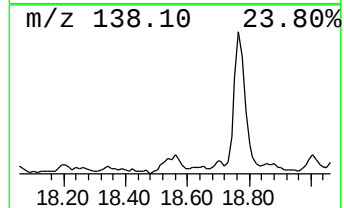
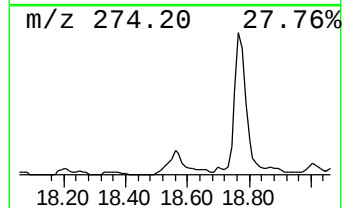
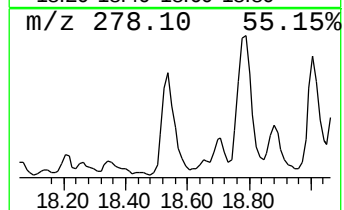
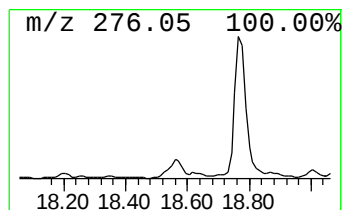
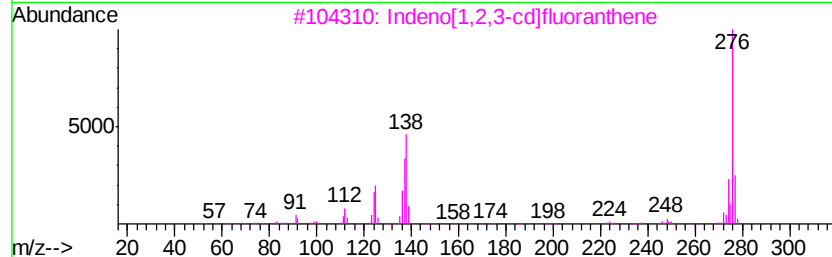
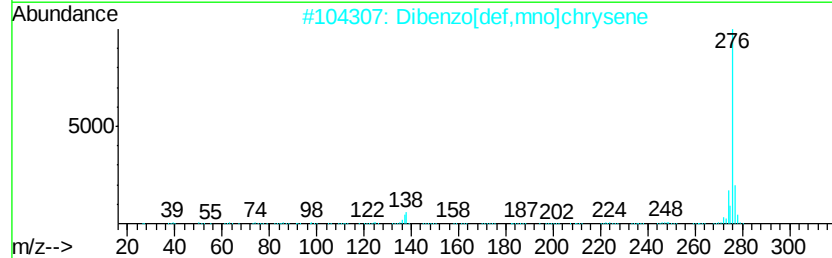
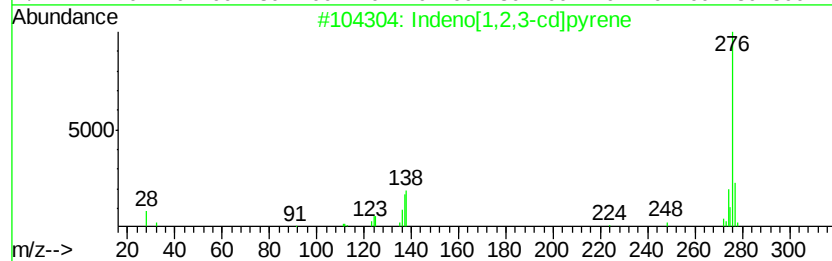
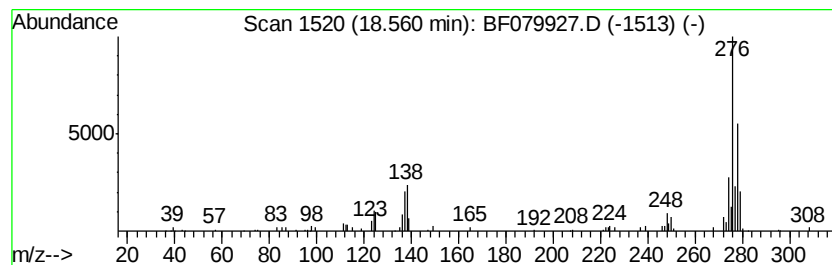
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	6.71 ng	256970	Perylene-d12	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	64
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

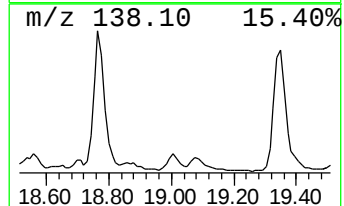
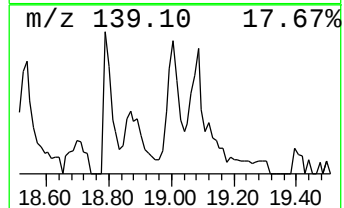
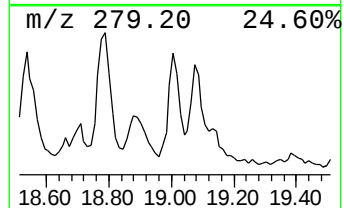
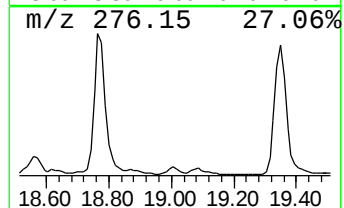
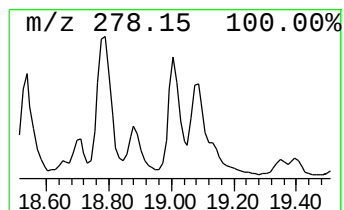
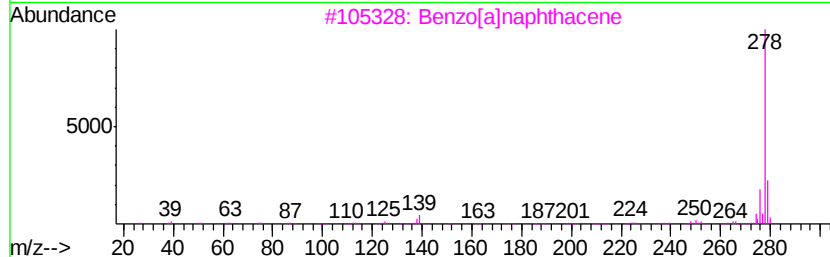
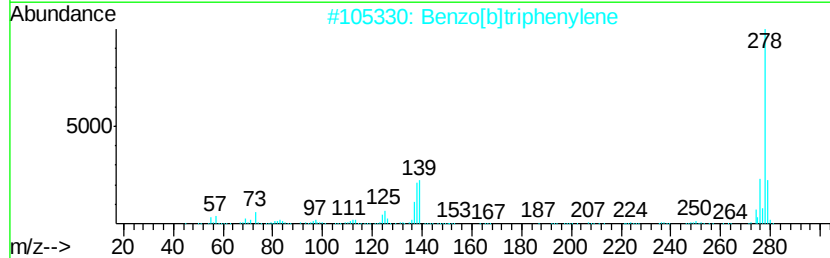
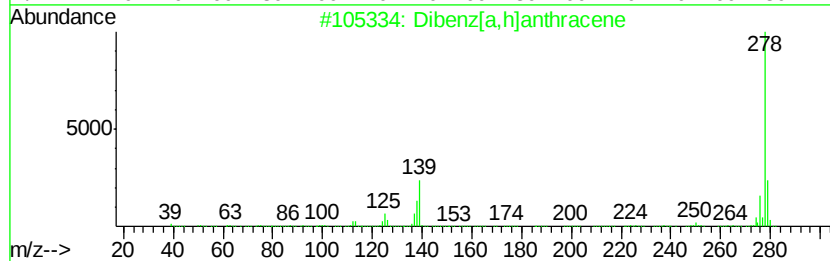
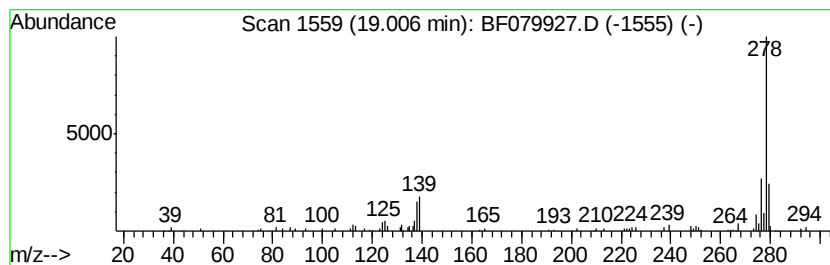
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.64 ng	139365	Perylene-d12	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	91
4		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	90
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079927.D
Acq On : 12 Jun 2015 8:13
Operator : TP/IZ
Sample : G2449-04 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM3

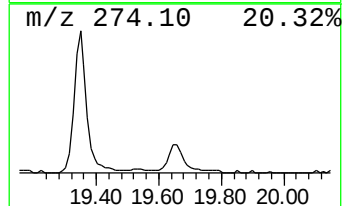
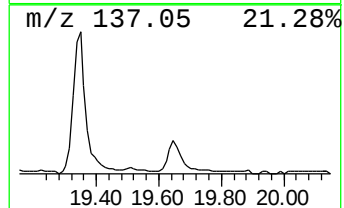
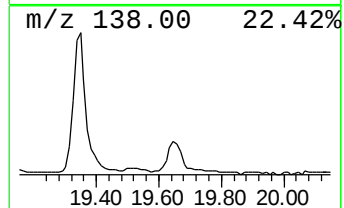
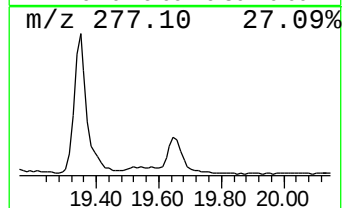
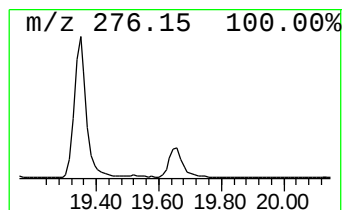
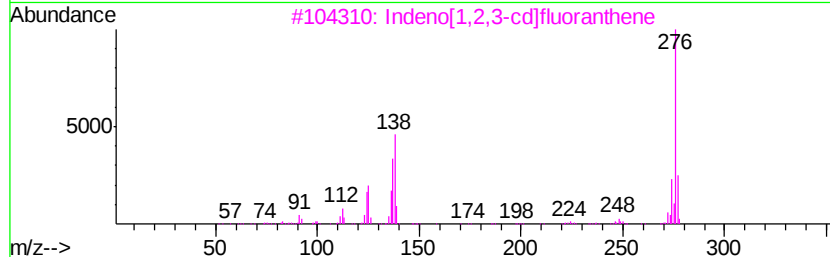
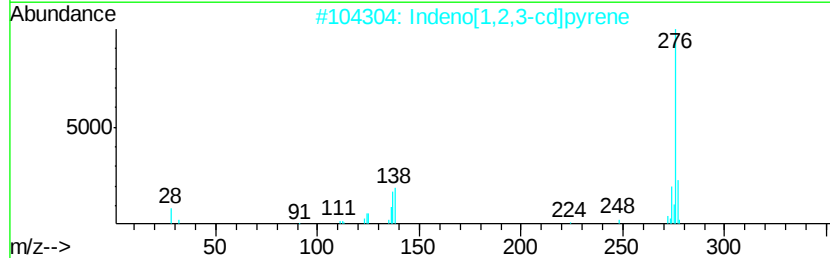
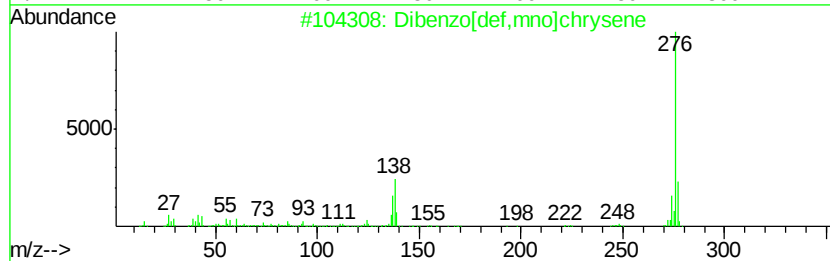
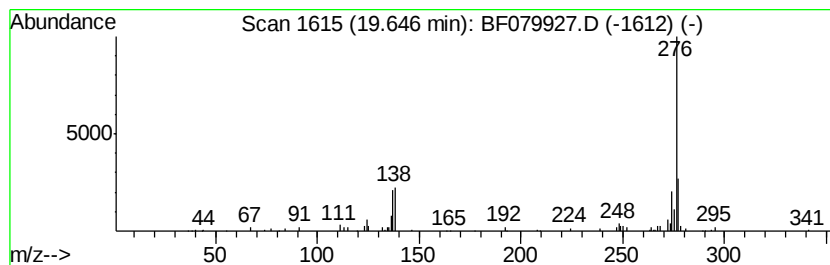
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Indeno[1,2,3-cd]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	6.19 ng	237217	Perylene-d12	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	91
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
5		Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079927.D
 Acq On : 12 Jun 2015 8:13
 Operator : TP/IZ
 Sample : G2449-04 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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
Ethene, 1,2-dichl...	1.36	9.9	ng	158587	1	7.39	319071	20.0
Propane, 2,2-dime...	2.26	89.6	ng	1429410	1	7.39	319071	20.0
unknown7.15	7.15	20.1	ng	319906	1	7.39	319071	20.0
4H-Cyclopenta[def...	12.61	3.6	ng	751006	4	11.97	4214050	20.0
Pyrene, 1-methyl-	13.76	3.3	ng	412307	5	14.95	2511140	20.0
11H-Benzo[b]fluorene	13.89	3.6	ng	457975	5	14.95	2511140	20.0
Pyrene, 2-methyl-	14.01	2.5	ng	314655	5	14.95	2511140	20.0
11H-Benzo[a]fluor...	14.49	2.5	ng	310505	5	14.95	2511140	20.0
Benzo[b]naphtho[2...	14.63	2.5	ng	315362	5	14.95	2511140	20.0
Cyclopenta[cd]pyrene	14.70	2.6	ng	325993	5	14.95	2511140	20.0
7H-Benz[de]anthra...	14.74	2.7	ng	342437	5	14.95	2511140	20.0
Benzo[e]pyrene	16.45	5.9	ng	226880	6	16.87	766144	20.0
Dinaphtho[1,2-b:1...	16.58	4.9	ng	188284	6	16.87	766144	20.0
Perylene	16.70	22.9	ng	878096	6	16.87	766144	20.0
Dibenzo[def,mno]c...	18.56	6.7	ng	256970	6	16.87	766144	20.0
Benzo[b]triphenylene	19.01	3.6	ng	139365	6	16.87	766144	20.0
Indeno[1,2,3-cd]f...	19.65	6.2	ng	237217	6	16.87	766144	20.0