

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082311.D
 Acq On : 15 Oct 2015 16:08
 Operator : UM/IZ
 Sample : G4009-02 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KW-2

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-BF101015.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	4.983	247	249	257	rBV	140632	180254	6.80%	0.661%
2	5.417	285	287	299	rVB	325137	316498	11.94%	1.160%
3	5.623	303	305	309	rVB	27523	38080	1.44%	0.140%
4	6.469	376	379	381	rBV	295879	317700	11.98%	1.164%
5	6.594	387	390	392	rBV	395385	366406	13.82%	1.343%
6	6.823	408	410	413	rBV	539565	464602	17.52%	1.702%
7	6.983	421	424	426	rBV	257736	313162	11.81%	1.148%
8	7.394	458	460	462	rBV	173332	193445	7.30%	0.709%
9	8.114	521	523	525	rBV	773430	696540	26.27%	2.552%
10	8.754	576	579	584	rBV3	20082	29381	1.11%	0.108%
11	8.835	584	586	588	rBV	27097	34449	1.30%	0.126%
12	8.892	588	591	593	rVV	21165	44668	1.68%	0.164%
13	8.926	593	594	600	rVB	45078	43830	1.65%	0.161%
14	9.189	615	617	620	rBV	463815	464374	17.51%	1.702%
15	9.532	645	647	648	rBV	40395	39107	1.47%	0.143%
16	9.589	651	652	655	rVV	136270	114474	4.32%	0.419%
17	9.646	655	657	662	rVB2	19100	29061	1.10%	0.106%
18	9.737	662	665	666	rBV	29805	31614	1.19%	0.116%
19	9.875	674	677	679	rBV	866092	798894	30.13%	2.927%
20	9.909	679	680	682	rVB	157309	111918	4.22%	0.410%
21	10.080	692	695	697	rBV	122658	123974	4.68%	0.454%
22	10.297	710	714	716	rBV2	21305	38159	1.44%	0.140%
23	10.423	723	725	728	rBV	88638	90318	3.41%	0.331%
24	10.503	728	732	735	rBV4	23286	68632	2.59%	0.251%
25	10.583	735	739	741	rVB2	43619	65642	2.48%	0.241%
26	10.663	742	746	752	rBV2	271410	369244	13.92%	1.353%
27	10.789	754	757	760	rVB2	37349	55739	2.10%	0.204%
28	10.972	770	773	777	rBV3	34292	97115	3.66%	0.356%
29	11.120	782	786	789	rBV3	29367	49184	1.85%	0.180%
30	11.166	789	790	792	rVB	134349	141776	5.35%	0.520%
31	11.223	792	795	797	rBV2	175509	225763	8.51%	0.827%
32	11.258	797	798	800	rBV	91896	85730	3.23%	0.314%
33	11.292	800	801	802	rVB	74027	50783	1.92%	0.186%
34	11.395	805	810	812	rBV2	2015134	2651734	100.00%	9.717%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
 Data File : BF082311.D
 Acq On : 15 Oct 2015 16:08
 Operator : UM/IZ
 Sample : G4009-02 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KW-2

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-BF101015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.440	812	814	816	rVV	379087	336100	12.67%	1.232%
36	11.475	816	817	820	rVB	31904	34711	1.31%	0.127%
37	11.600	825	828	832	rBV2	153662	261693	9.87%	0.959%
38	11.658	832	833	835	rBV	47111	47029	1.77%	0.172%
39	11.703	835	837	839	rVB	33347	47956	1.81%	0.176%
40	11.772	839	843	845	rVB4	16129	33478	1.26%	0.123%
41	11.863	849	851	852	rBV	172521	188514	7.11%	0.691%
42	11.898	852	854	856	rVB	307354	284950	10.75%	1.044%
43	11.943	856	858	859	rBV	70797	58890	2.22%	0.216%
44	11.978	859	861	866	rVB2	228188	355141	13.39%	1.301%
45	12.058	866	868	873	rBV3	27057	95028	3.58%	0.348%
46	12.161	876	877	879	rVV	114106	164513	6.20%	0.603%
47	12.195	879	880	882	rVB	139095	106585	4.02%	0.391%
48	12.309	888	890	892	rBV2	37183	63738	2.40%	0.234%
49	12.343	892	893	894	rVV	52895	41707	1.57%	0.153%
50	12.412	897	899	901	rVV2	97302	163421	6.16%	0.599%
51	12.458	901	903	906	rVV2	56802	118656	4.47%	0.435%
52	12.503	906	907	910	rVB	122793	163183	6.15%	0.598%
53	12.583	912	914	917	rBV	1540246	2119574	79.93%	7.767%
54	12.629	917	918	921	rVV2	47298	91573	3.45%	0.336%
55	12.686	921	923	924	rVV	49974	62566	2.36%	0.229%
56	12.732	924	927	931	rVV2	71494	135476	5.11%	0.496%
57	12.823	931	935	936	rVV2	1675694	2063020	77.80%	7.560%
58	12.846	936	937	943	rVB3	152941	267883	10.10%	0.982%
59	12.961	943	947	951	rBV3	378214	586535	22.12%	2.149%
60	13.041	951	954	956	rBV2	116356	213333	8.05%	0.782%
61	13.155	960	964	965	rVV3	108403	258676	9.75%	0.948%
62	13.224	969	970	971	rVV	47601	40607	1.53%	0.149%
63	13.258	971	973	977	rVV2	147208	244436	9.22%	0.896%
64	13.361	980	982	983	rVB	61790	75163	2.83%	0.275%
65	13.395	983	985	989	rBV2	53528	104473	3.94%	0.383%
66	13.566	997	1000	1002	rBV3	46421	114604	4.32%	0.420%
67	13.692	1009	1011	1013	rBV	247418	245123	9.24%	0.898%
68	13.806	1019	1021	1023	rBV	176419	273811	10.33%	1.003%
69	13.875	1023	1027	1029	rVV4	281451	662189	24.97%	2.426%
70	13.921	1029	1031	1035	rVB	218764	273565	10.32%	1.002%
71	14.081	1042	1045	1047	rBV2	1003976	1736255	65.48%	6.362%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
 Data File : BF082311.D
 Acq On : 15 Oct 2015 16:08
 Operator : UM/IZ
 Sample : G4009-02 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KW-2

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-BF101015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.115	1047	1048	1053	rVV	807342	832564	31.40%	3.051%
73	14.206	1053	1056	1057	rVB2	50612	76827	2.90%	0.282%
74	14.321	1064	1066	1067	rBV2	43561	52365	1.97%	0.192%
75	14.526	1081	1084	1085	rBV	106571	151138	5.70%	0.554%
76	14.561	1085	1087	1089	rVB	66268	69384	2.62%	0.254%
77	14.664	1094	1096	1097	rBV2	44672	42055	1.59%	0.154%
78	15.075	1128	1132	1136	rBV3	73558	224569	8.47%	0.823%
79	15.247	1144	1147	1152	rBV	790132	1724113	65.02%	6.318%
80	15.349	1154	1156	1161	rVB	156534	238269	8.99%	0.873%
81	15.544	1170	1173	1176	rVB	429655	624499	23.55%	2.288%
82	15.601	1176	1178	1181	rBV	533200	764786	28.84%	2.802%
83	15.669	1181	1184	1185	rBV	376383	530183	19.99%	1.943%
84	16.138	1223	1225	1228	rBV	60276	112042	4.23%	0.411%
85	17.121	1307	1311	1315	rVB2	259516	543831	20.51%	1.993%
86	17.544	1345	1348	1356	rVB	183178	427095	16.11%	1.565%

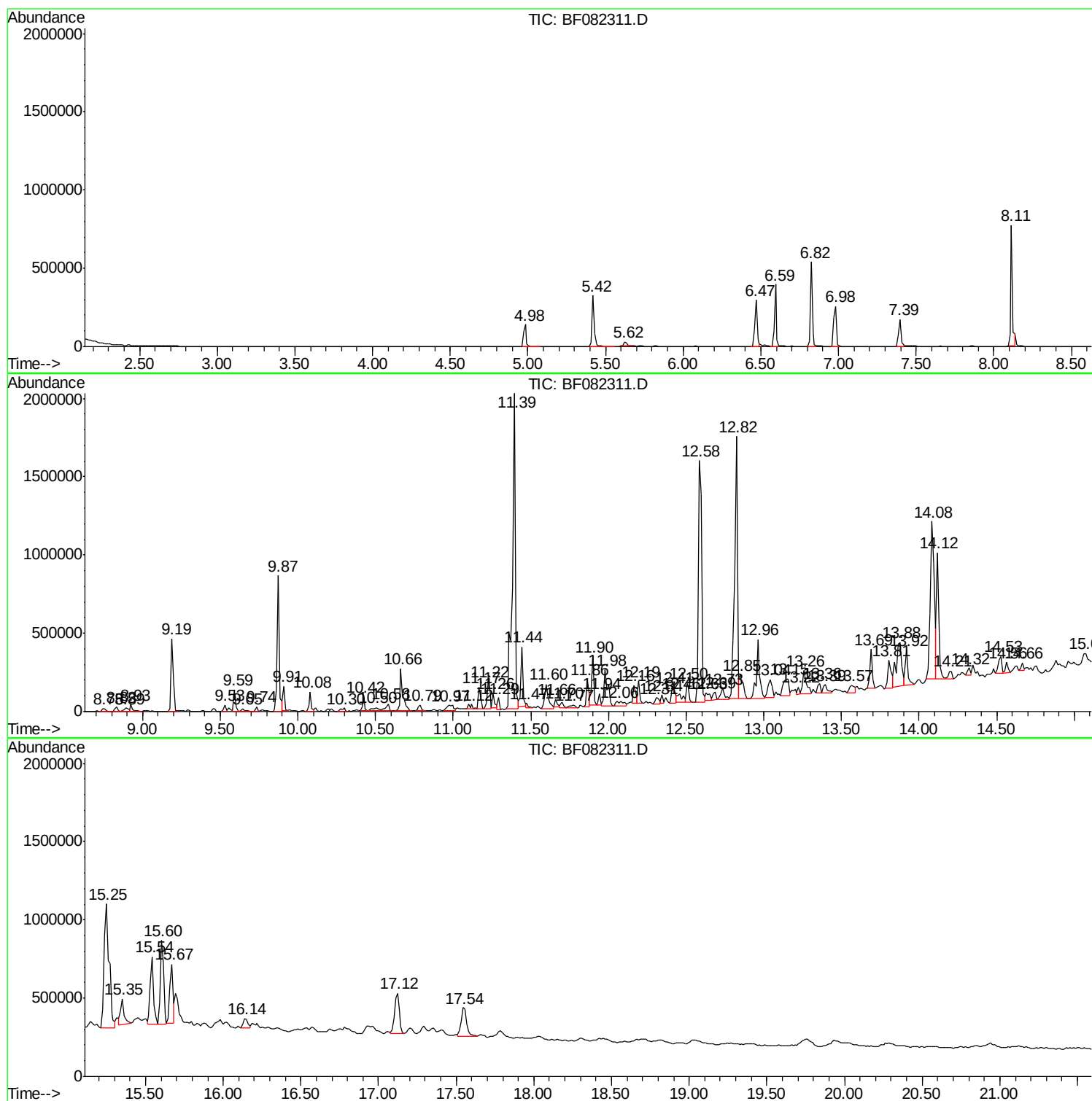
Sum of corrected areas: 27290125

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

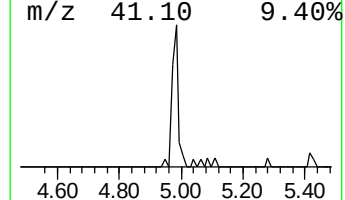
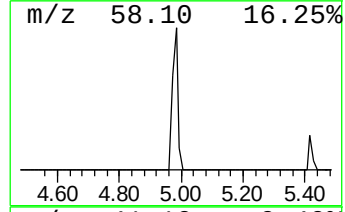
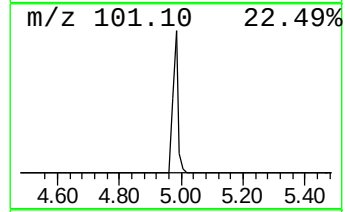
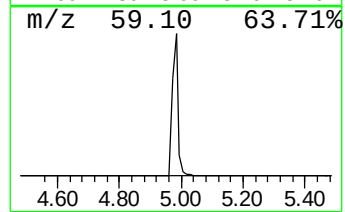
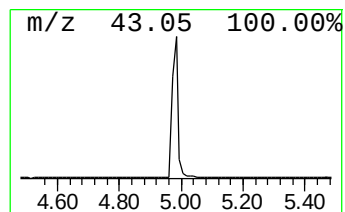
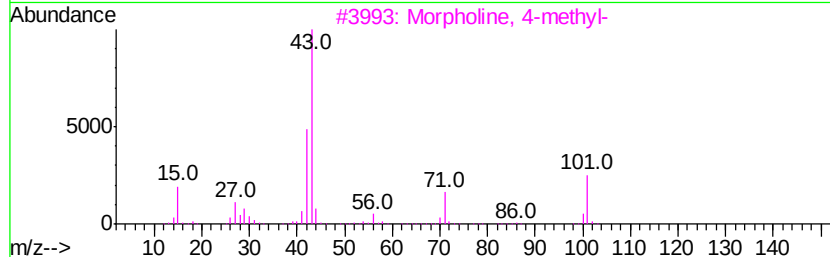
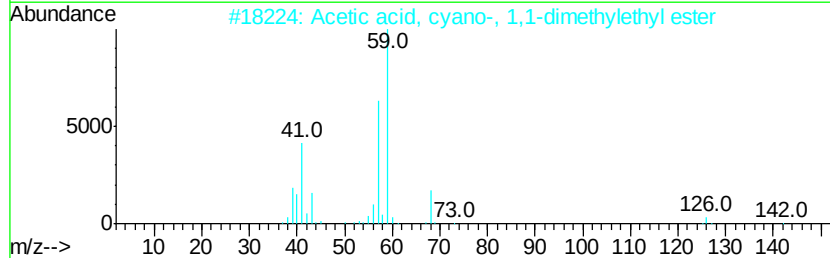
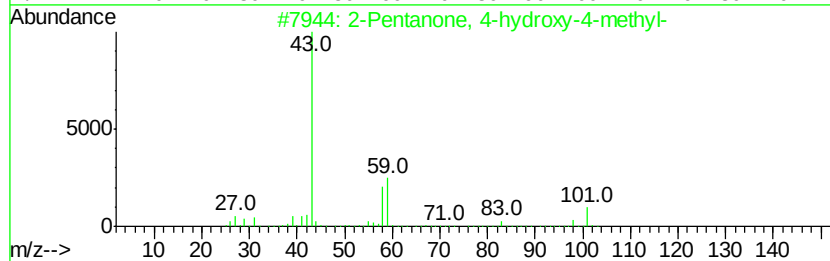
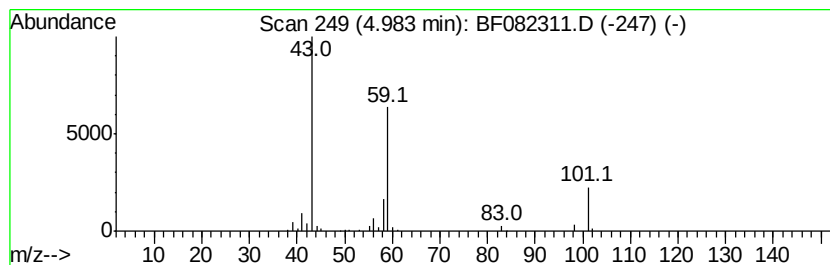
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	7.76 ng	180254	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

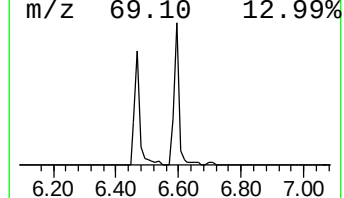
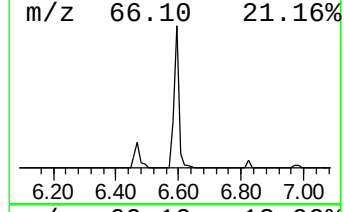
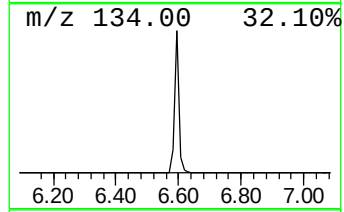
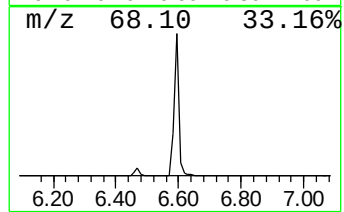
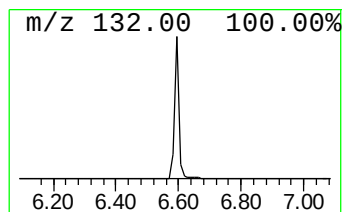
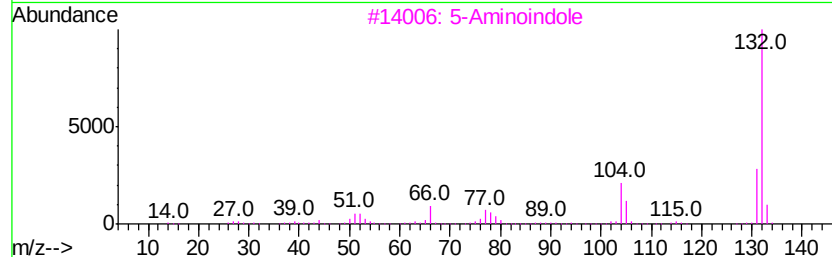
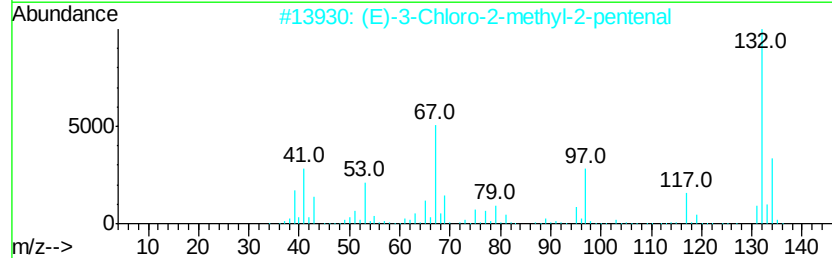
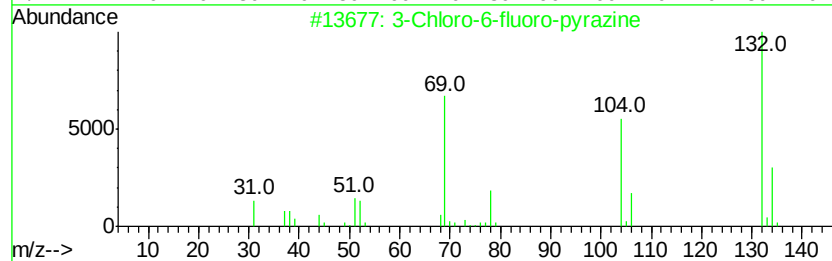
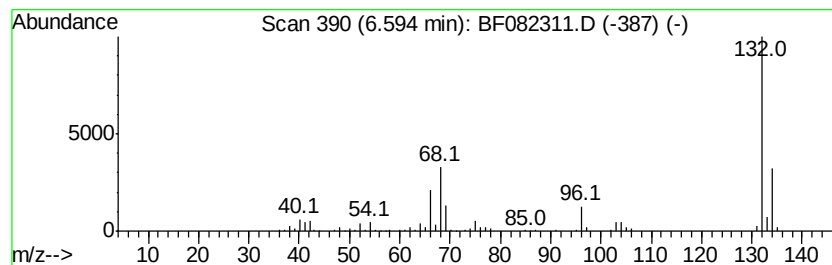
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	15.77 ng	366406	1,4-Dichlorobenzene-d4	6.82

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		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

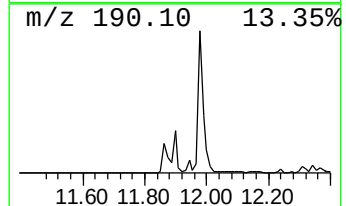
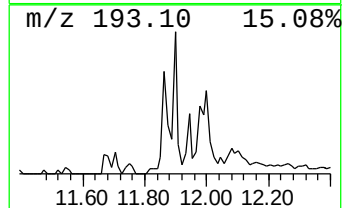
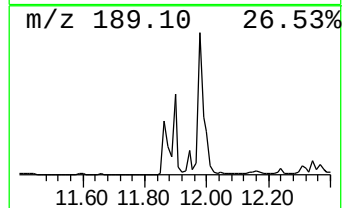
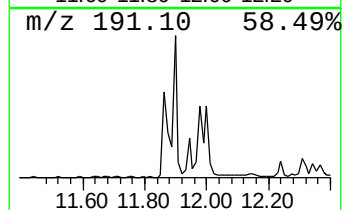
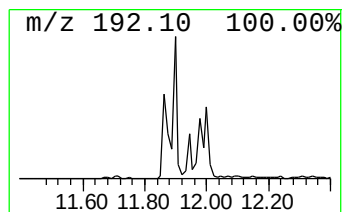
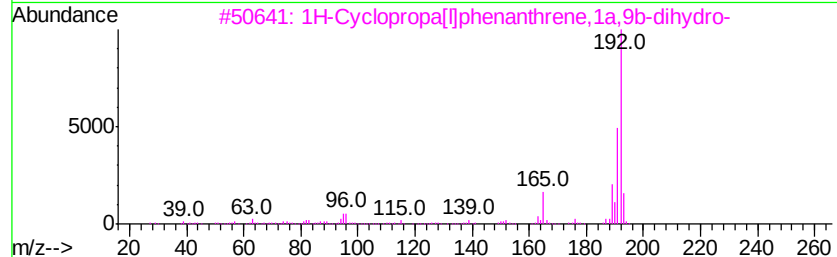
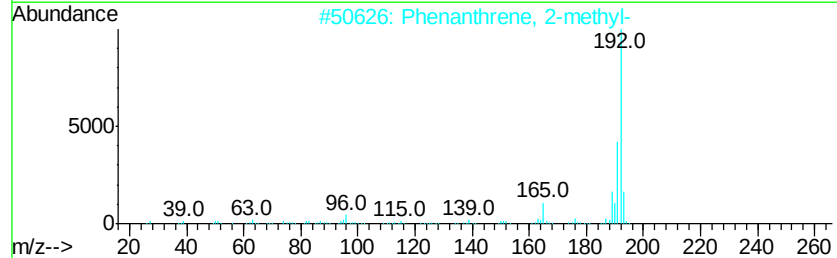
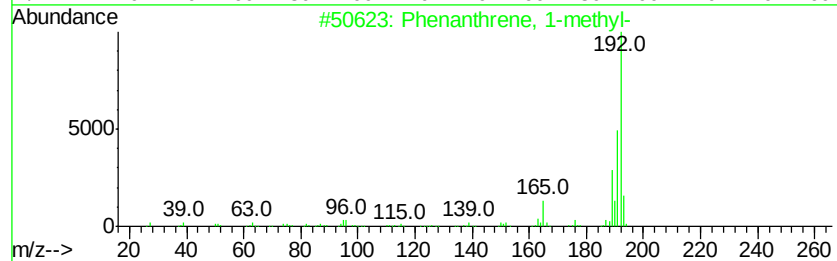
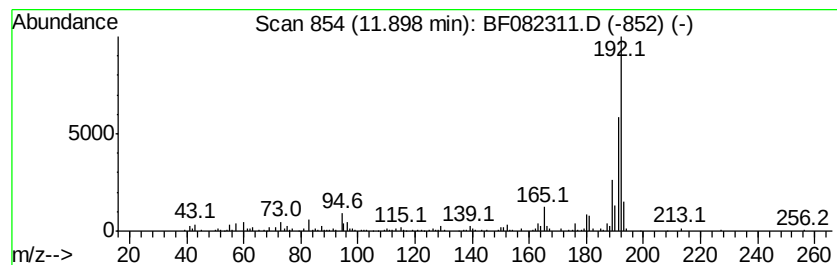
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.15 ng	284950	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1,1b]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

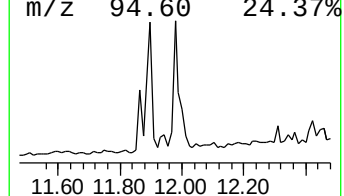
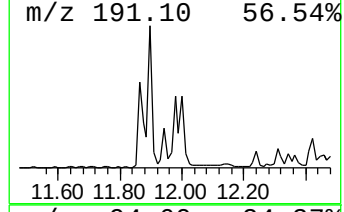
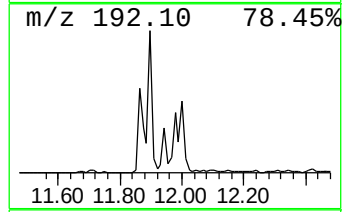
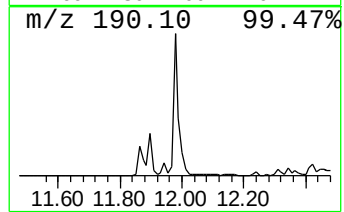
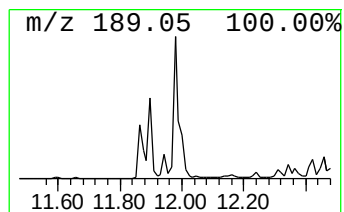
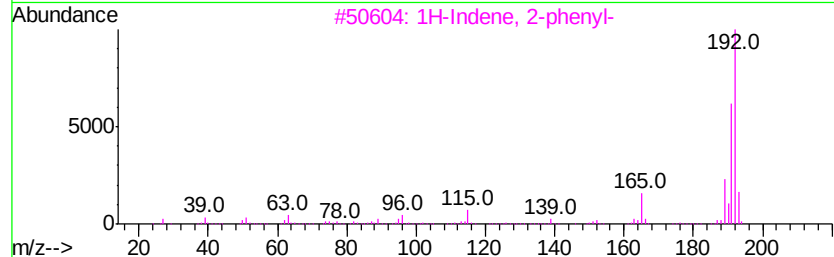
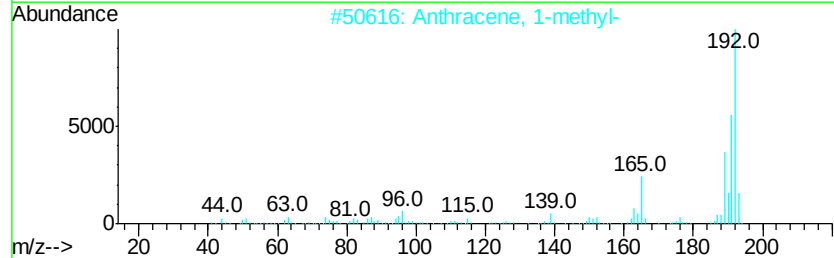
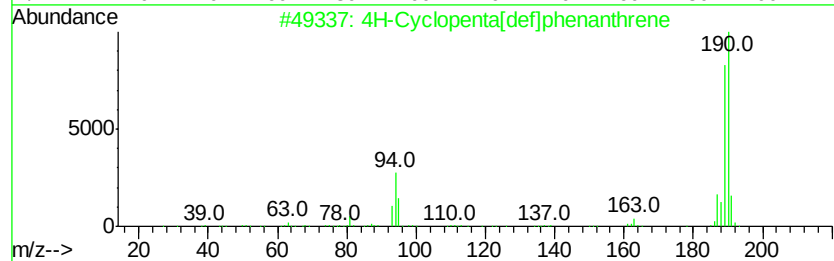
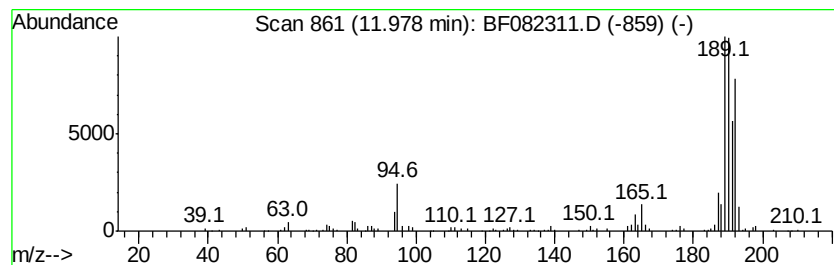
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.68 ng	355141	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

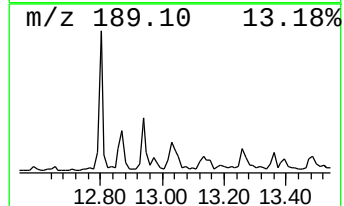
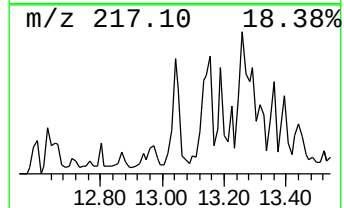
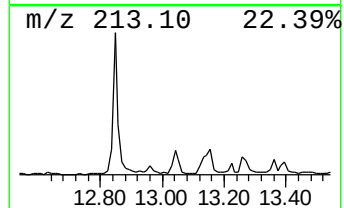
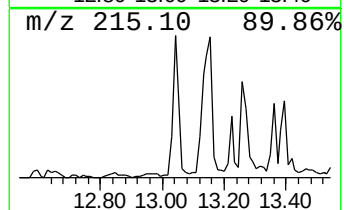
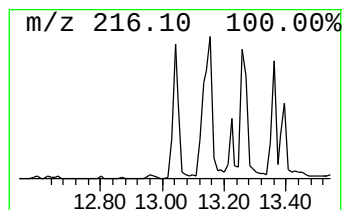
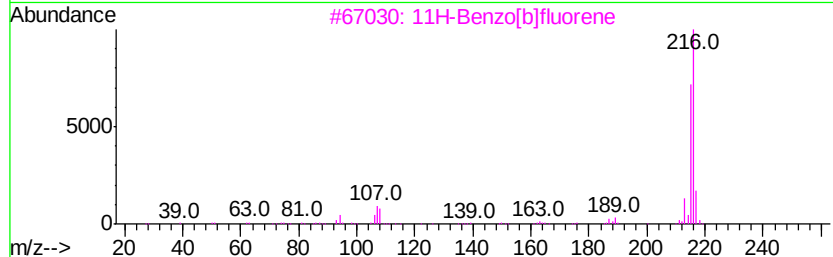
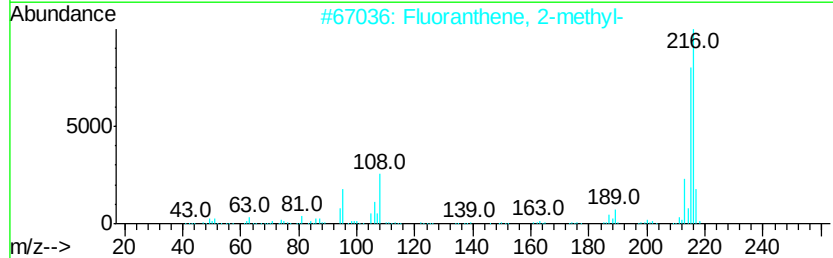
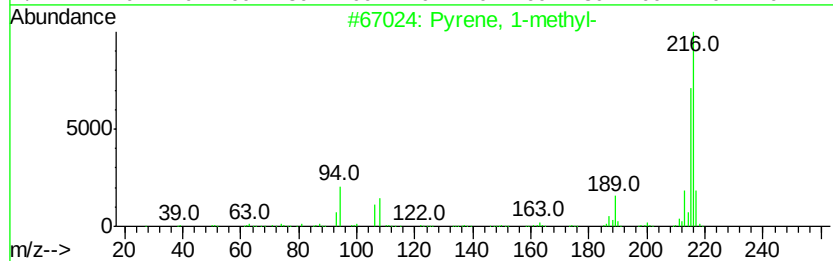
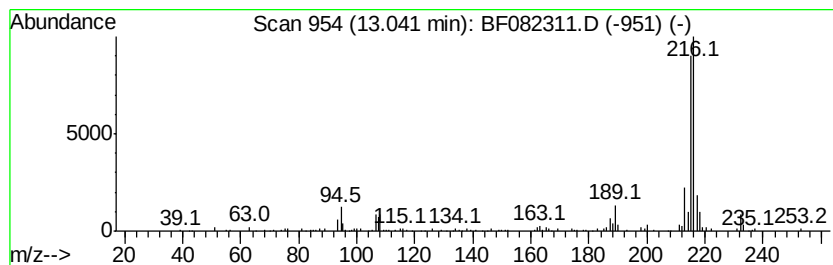
Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.46 ng	213333	Chrysene-d12	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216 C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

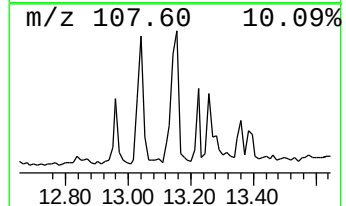
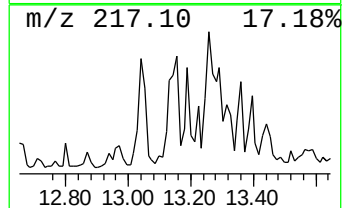
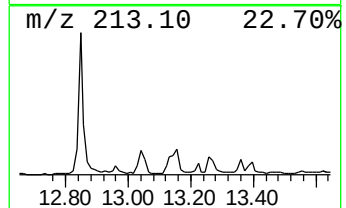
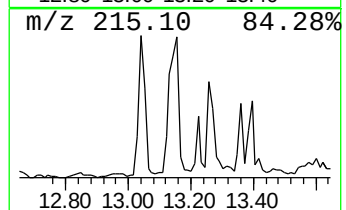
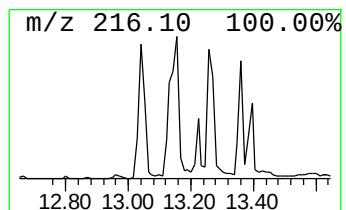
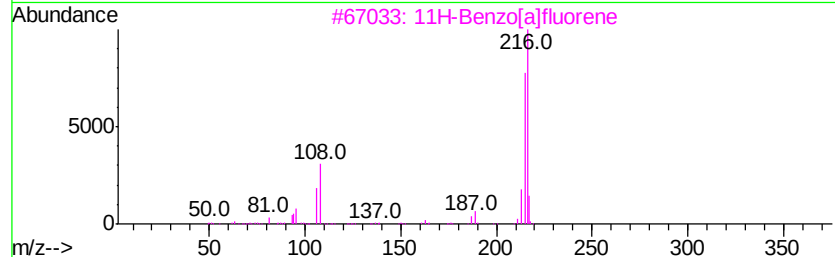
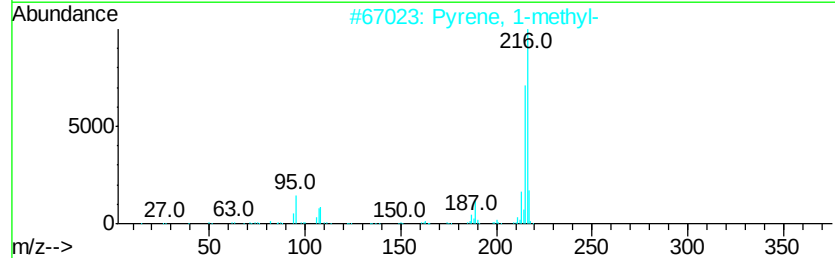
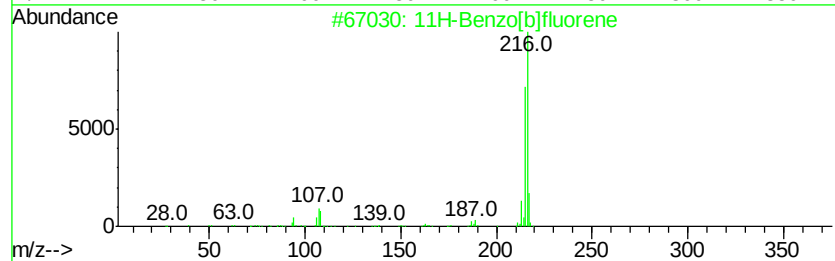
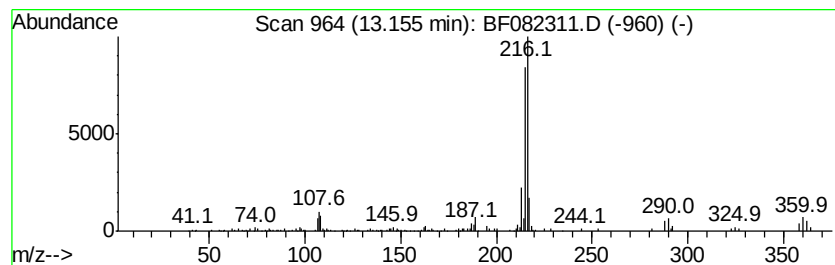
Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.98 ng	258676	Chrysene-d12	14.09
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 91
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 83
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 81
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

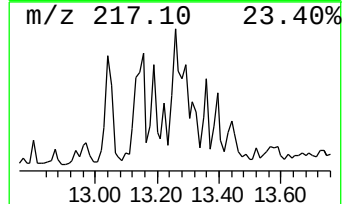
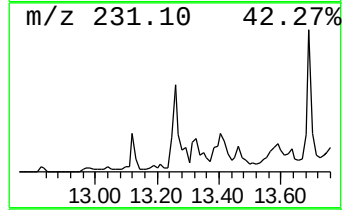
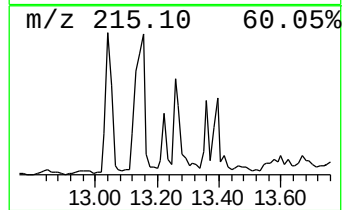
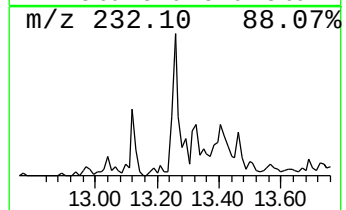
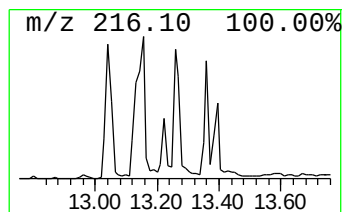
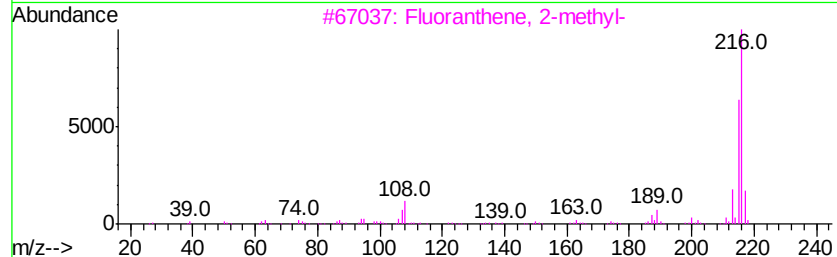
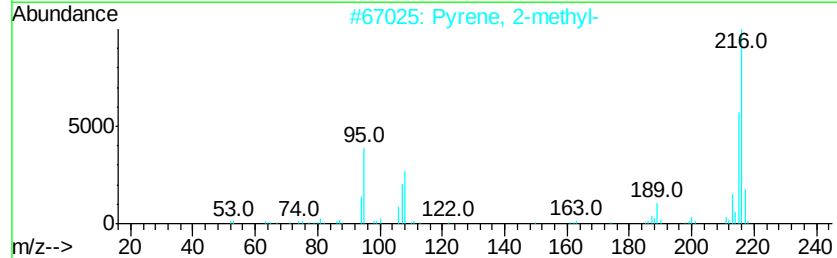
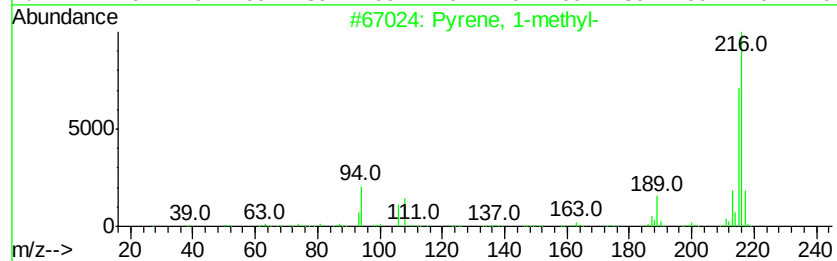
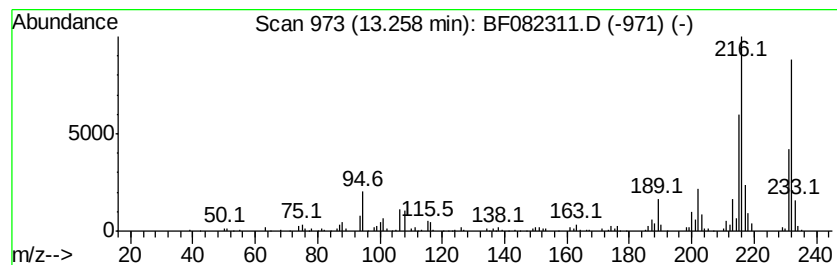
Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.82 ng	244436	Chrysene-d12	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 64
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 46
4		1-Pyrenemethanol	232 C17H12O	024463-15-8 45
5		1,2,3,4-Tetrahydrobenz[a]anthracene	232 C18H16	004483-98-1 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

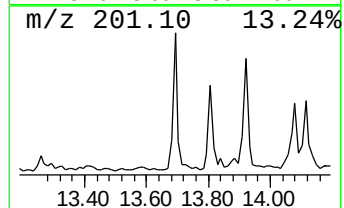
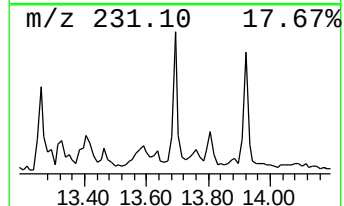
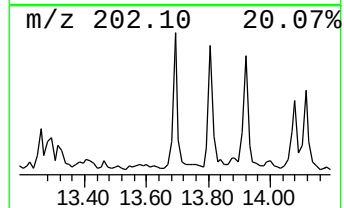
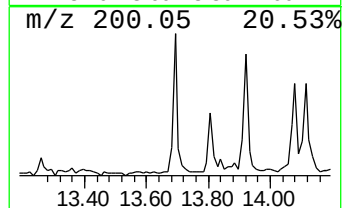
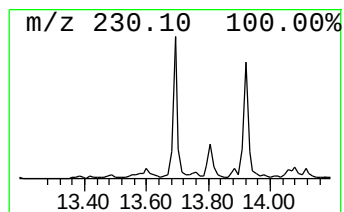
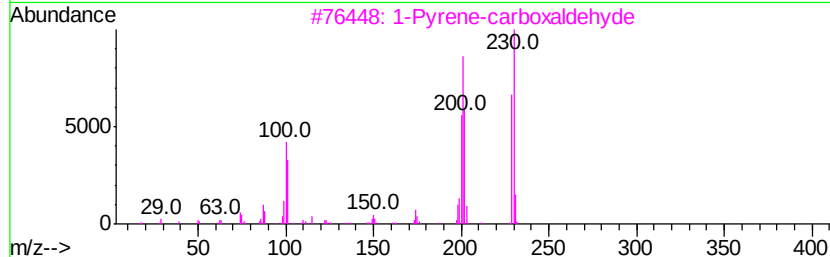
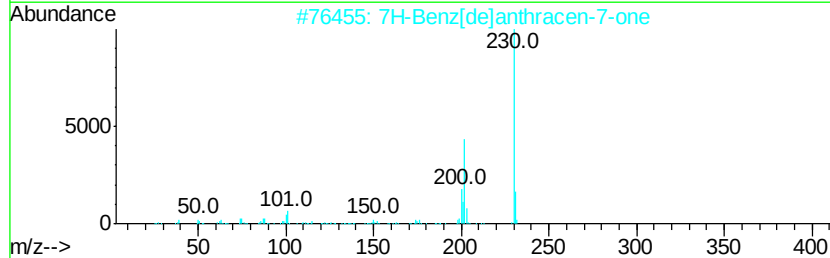
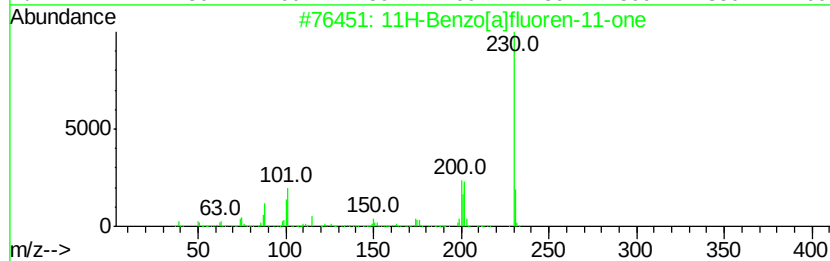
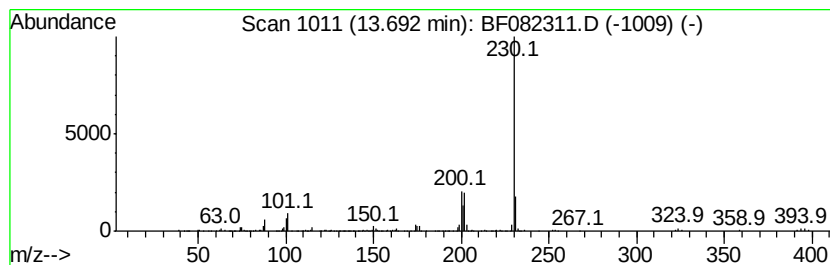
Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.69	2.82 ng	245123	Chrysene-d12	14.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
3		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4		4-Chloro-indeno[1,2-b]pyridin-5-...	230	C12H7ClN2O	1000294-18-6	59
5		o-Terphenyl	230	C18H14	000084-15-1	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

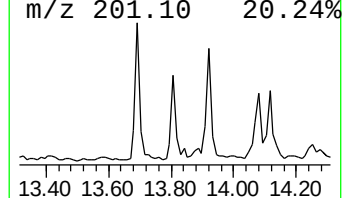
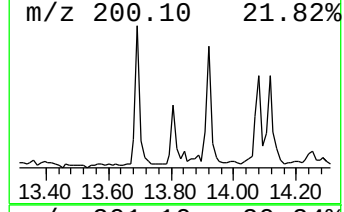
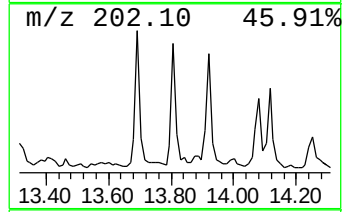
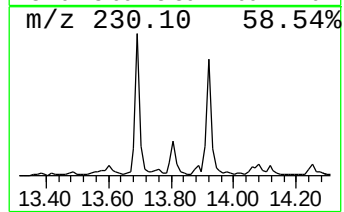
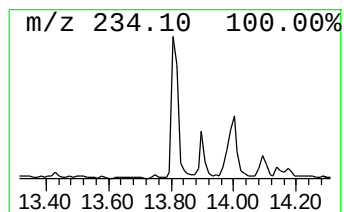
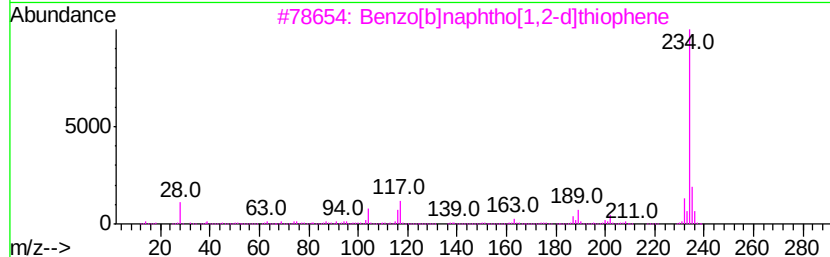
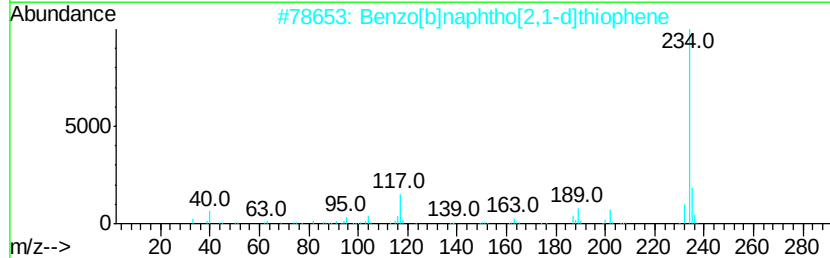
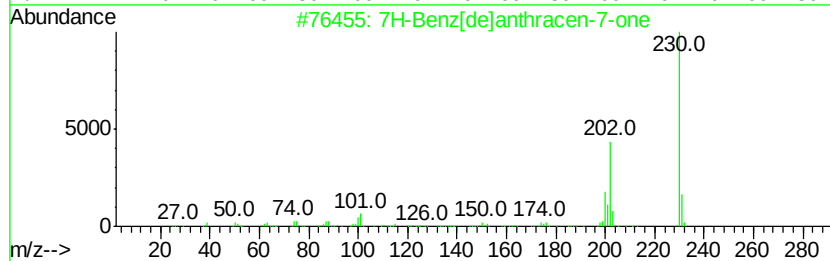
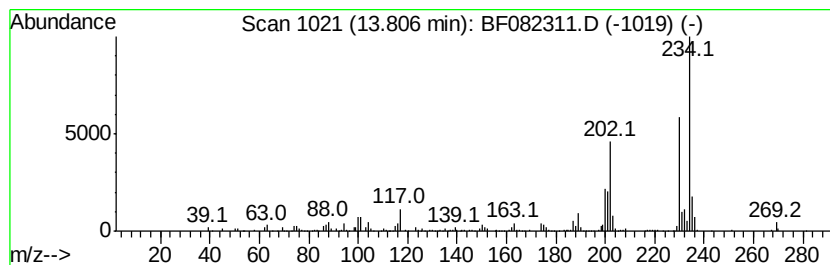
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.15 ng	273811	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

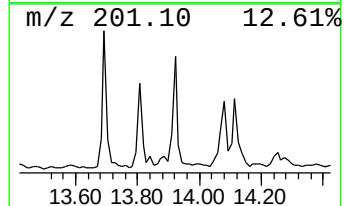
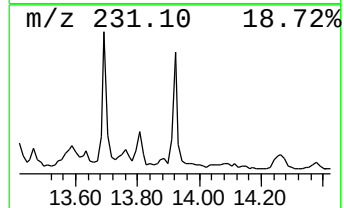
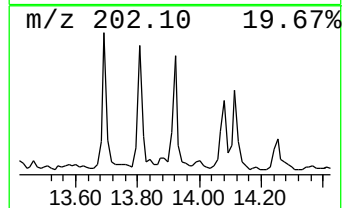
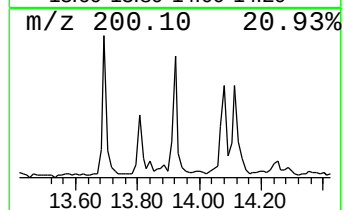
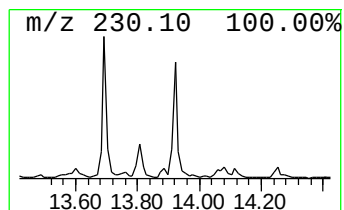
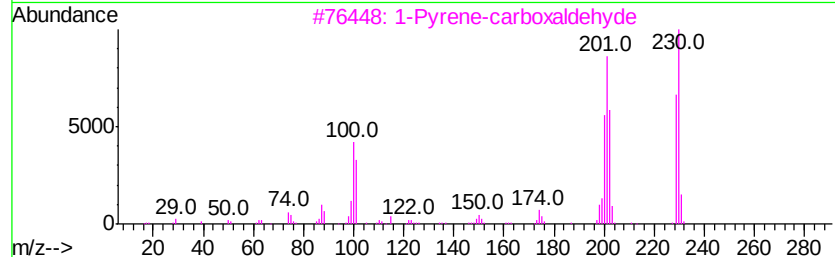
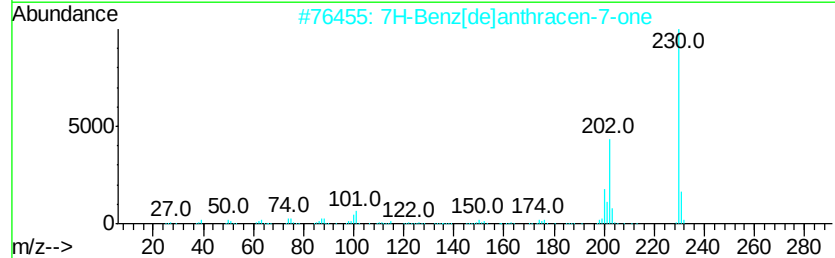
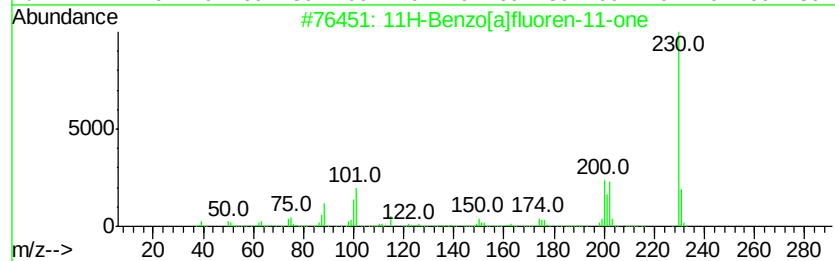
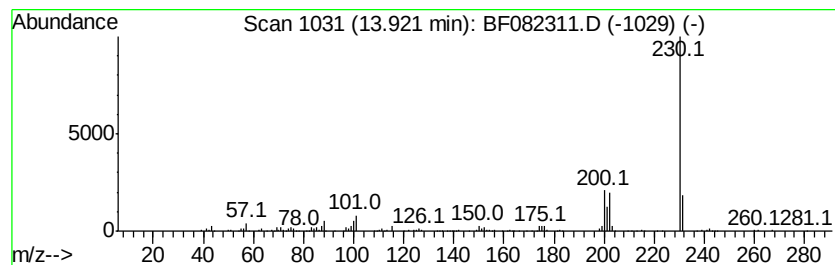
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Pyrene-carboxaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	3.15 ng	273565	Chrysene-d12	14.09

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		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4		4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5		o-Terphenyl	230	C18H14	000084-15-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

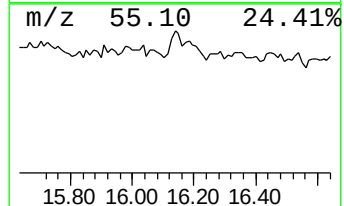
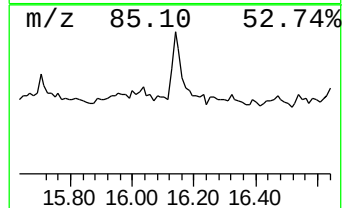
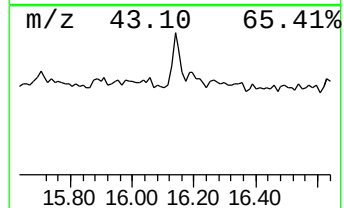
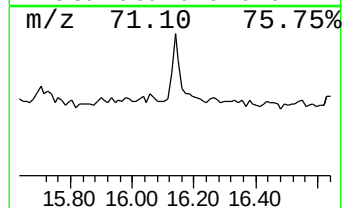
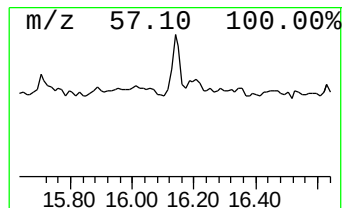
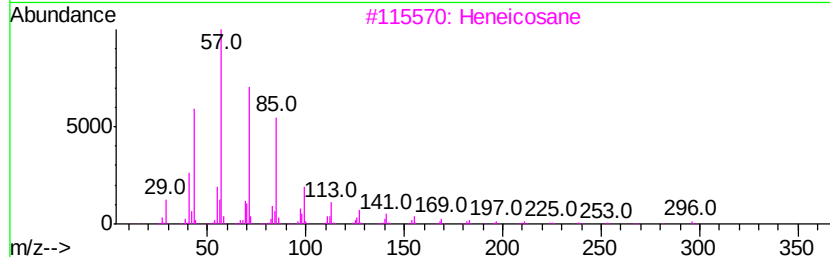
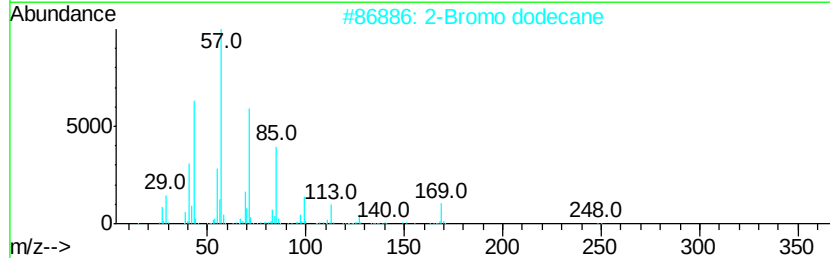
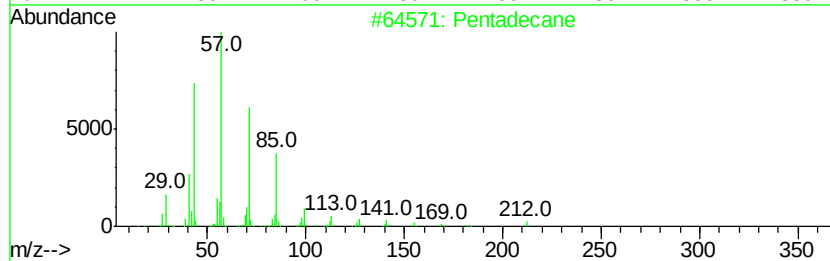
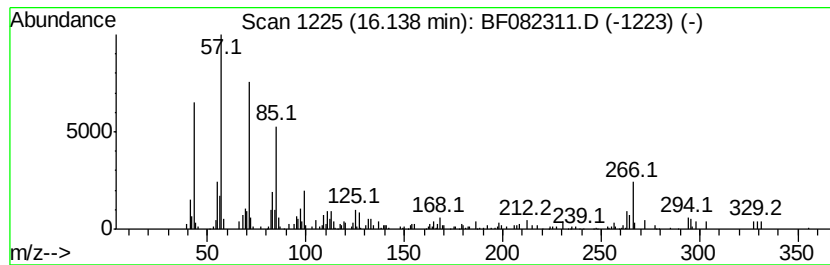
Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.23 ng	112042	Perylene-d12	15.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	86
2	2-Bromo dodecane	248 C12H25Br	013187-99-0	70
3	Heneicosane	296 C21H44	000629-94-7	64
4	Undecane, 5-methyl-	170 C12H26	001632-70-8	60
5	Heptadecane	240 C17H36	000629-78-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082311.D
Acq On : 15 Oct 2015 16:08
Operator : UM/IZ
Sample : G4009-02 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.98	7.8 ng		180254	1	6.82	464602	20.0
unknown6.59	6.59	15.8 ng		366406	1	6.82	464602	20.0
Phenanthrene, 1-m...	11.90	2.1 ng		284950	4	11.36	2651730	20.0
4H-Cyclopenta[def...	11.98	2.7 ng		355141	4	11.36	2651730	20.0
Pyrene, 1-methyl-	13.04	2.5 ng		213333	5	14.09	1736260	20.0
11H-Benzo[b]fluorene	13.15	3.0 ng		258676	5	14.09	1736260	20.0
Pyrene, 2-methyl-	13.26	2.8 ng		244436	5	14.09	1736260	20.0
11H-Benzo[a]fluor...	13.69	2.8 ng		245123	5	14.09	1736260	20.0
7H-Benz[de]anthra...	13.81	3.1 ng		273811	5	14.09	1736260	20.0
1-Pyrene-carboxal...	13.92	3.1 ng		273565	5	14.09	1736260	20.0
Pentadecane	16.14	4.2 ng		112042	6	15.67	530183	20.0