

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082269.D
 Acq On : 13 Oct 2015 22:24
 Operator : UM/IZ
 Sample : G3997-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP214BR-26-27

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.994	247	250	263	rVB	705052	989905	13.06%	0.865%
2	5.417	284	287	290	rBV	1459148	1404187	18.52%	1.227%
3	6.457	376	378	381	rBV	1173591	1388351	18.31%	1.213%
4	6.594	387	390	392	rVV	1459172	1618782	21.35%	1.415%
5	6.823	408	410	413	rBV	427911	410654	5.42%	0.359%
6	6.983	421	424	428	rBV2	1324198	2338977	30.85%	2.044%
7	7.394	458	460	463	rVB	987665	927722	12.24%	0.811%
8	7.783	493	494	497	rVB	258014	220200	2.90%	0.192%
9	7.852	497	500	502	rBV2	383227	477667	6.30%	0.417%
10	7.897	502	504	510	rVB4	155760	337251	4.45%	0.295%
11	8.149	519	526	528	rBV2	2308549	4252675	56.10%	3.716%
12	8.777	577	581	583	rVV3	114210	302022	3.98%	0.264%
13	8.835	583	586	589	rVV	2968145	3373103	44.49%	2.948%
14	8.937	592	595	597	rVV	2782199	3015841	39.78%	2.635%
15	9.200	615	618	620	rBV	1382146	1757639	23.18%	1.536%
16	9.292	624	626	629	rVV	495219	624531	8.24%	0.546%
17	9.395	631	635	638	rVV	1439492	1840385	24.28%	1.608%
18	9.463	638	641	645	rVV	1498702	2437245	32.15%	2.130%
19	9.532	645	647	649	rVV	1579659	2698328	35.59%	2.358%
20	9.600	651	653	655	rVV	432319	606172	8.00%	0.530%
21	9.646	655	657	661	rVV	720890	1284610	16.94%	1.123%
22	9.737	662	665	667	rVB2	1179063	1227390	16.19%	1.073%
23	9.875	673	677	678	rBV2	670474	1226913	16.18%	1.072%
24	9.909	678	680	683	rVV	2451441	3030927	39.98%	2.649%
25	9.977	683	686	688	rVV	511383	592343	7.81%	0.518%
26	10.035	688	691	692	rVV2	125753	290176	3.83%	0.254%
27	10.069	692	694	696	rVV2	559323	954491	12.59%	0.834%
28	10.115	696	698	700	rVV	688134	680040	8.97%	0.594%
29	10.183	702	704	706	rVV2	626897	950282	12.53%	0.830%
30	10.217	706	707	710	rVV2	501967	566633	7.47%	0.495%
31	10.275	710	712	715	rVV3	337421	670691	8.85%	0.586%
32	10.332	715	717	718	rVB	274974	238852	3.15%	0.209%
33	10.389	718	722	724	rBV3	409135	1057314	13.95%	0.924%
34	10.435	724	726	728	rVV	1790576	2519193	33.23%	2.201%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
 Data File : BF082269.D
 Acq On : 13 Oct 2015 22:24
 Operator : UM/IZ
 Sample : G3997-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP214BR-26-27

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	10.469	728	729	732	rVV2	620196	1258863	16.61%	1.100%
36	10.538	732	735	736	rVV2	676168	1007302	13.29%	0.880%
37	10.583	736	739	740	rVV2	347070	662541	8.74%	0.579%
38	10.606	740	741	743	rVV	412932	345132	4.55%	0.302%
39	10.663	743	746	748	rVV2	1313918	2168603	28.61%	1.895%
40	10.789	754	757	758	rVV2	326512	362118	4.78%	0.316%
41	10.972	771	773	774	rVV	911984	1200877	15.84%	1.049%
42	11.006	774	776	779	rVV	452723	833574	11.00%	0.728%
43	11.052	779	780	783	rVV	588561	728835	9.61%	0.637%
44	11.120	783	786	787	rVV2	290394	471691	6.22%	0.412%
45	11.178	789	791	793	rVV	317054	445855	5.88%	0.390%
46	11.258	796	798	805	rVB	1235528	1714091	22.61%	1.498%
47	11.406	805	811	813	rBV	4556520	7581102	100.00%	6.625%
48	11.452	813	815	816	rVV	2576506	2558962	33.75%	2.236%
49	11.475	816	817	820	rVV3	275689	366383	4.83%	0.320%
50	11.520	820	821	824	rVV	158471	245212	3.23%	0.214%
51	11.658	832	833	835	rVV	320201	366213	4.83%	0.320%
52	11.692	835	836	839	rVV2	574048	728574	9.61%	0.637%
53	11.783	841	844	846	rVB	504362	651501	8.59%	0.569%
54	11.818	846	847	849	rBV	132400	207058	2.73%	0.181%
55	11.875	849	852	853	rVV	1978538	2208426	29.13%	1.930%
56	11.898	853	854	857	rVV	1609710	1863585	24.58%	1.629%
57	11.955	857	859	860	rVV	637060	920586	12.14%	0.804%
58	11.989	860	862	866	rVV2	2591742	4256345	56.14%	3.720%
59	12.161	873	877	883	rBV2	696362	1306533	17.23%	1.142%
60	12.252	883	885	887	rBV3	99237	183555	2.42%	0.160%
61	12.309	887	890	892	rVV3	176231	343172	4.53%	0.300%
62	12.343	892	893	897	rVB2	359874	480399	6.34%	0.420%
63	12.423	897	900	901	rBV	869833	1146509	15.12%	1.002%
64	12.458	901	903	906	rVV	713287	1226463	16.18%	1.072%
65	12.515	906	908	912	rVB3	359817	736026	9.71%	0.643%
66	12.583	912	914	917	rBV	2090304	2755817	36.35%	2.408%
67	12.629	917	918	921	rVV2	181083	330845	4.36%	0.289%
68	12.675	921	922	924	rVV	915393	1190608	15.70%	1.040%
69	12.732	924	927	931	rVB2	259480	585824	7.73%	0.512%
70	12.823	931	935	937	rBV	3200680	4043366	53.33%	3.533%
71	12.961	945	947	949	rVV	1868633	1904824	25.13%	1.665%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

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	13.029	951	953	956	rBV	482791	636726	8.40%	0.556%
73	13.144	956	963	965	rVB	1039655	1834200	24.19%	1.603%
74	13.212	965	969	971	rBV	941787	1141682	15.06%	0.998%
75	13.246	971	972	976	rVB	544339	707883	9.34%	0.619%
76	13.315	976	978	979	rBV	356735	418046	5.51%	0.365%
77	13.338	979	980	982	rVV	344315	524053	6.91%	0.458%
78	13.372	982	983	987	rVB	631818	827632	10.92%	0.723%
79	13.578	994	1001	1004	rBV	147587	470249	6.20%	0.411%
80	13.635	1004	1006	1011	rBV2	162758	449585	5.93%	0.393%
81	13.784	1015	1019	1020	rBV2	247786	489235	6.45%	0.428%
82	13.806	1020	1021	1025	rVB2	358293	386594	5.10%	0.338%
83	13.955	1032	1034	1038	rVB2	101817	198556	2.62%	0.174%
84	14.035	1038	1041	1043	rBV2	1537092	2605514	34.37%	2.277%
85	14.081	1043	1045	1048	rVB	853648	1246627	16.44%	1.089%
86	14.309	1061	1065	1070	rVB5	107860	302890	4.00%	0.265%
87	14.424	1073	1075	1076	rVV2	133442	211640	2.79%	0.185%
88	14.458	1076	1078	1080	rVV	444794	649092	8.56%	0.567%
89	14.492	1080	1081	1083	rVV	213749	268993	3.55%	0.235%
90	14.561	1083	1087	1089	rVV3	270089	577268	7.61%	0.504%
91	14.618	1089	1092	1095	rVV3	312504	661837	8.73%	0.578%
92	15.144	1135	1138	1144	rBV	437080	1012703	13.36%	0.885%
93	15.247	1144	1147	1150	rVB	208342	265130	3.50%	0.232%
94	15.441	1161	1164	1167	rBV	310203	395174	5.21%	0.345%
95	15.498	1167	1169	1172	rVV	601021	841554	11.10%	0.735%
96	15.567	1172	1175	1176	rVV	373467	589984	7.78%	0.516%
97	15.589	1176	1177	1181	rVV2	127738	221171	2.92%	0.193%
98	15.761	1187	1192	1197	rBV2	68064	258934	3.42%	0.226%
99	16.995	1296	1300	1304	rBV2	124026	277267	3.66%	0.242%
100	17.418	1333	1337	1345	rBV	115363	262874	3.47%	0.230%

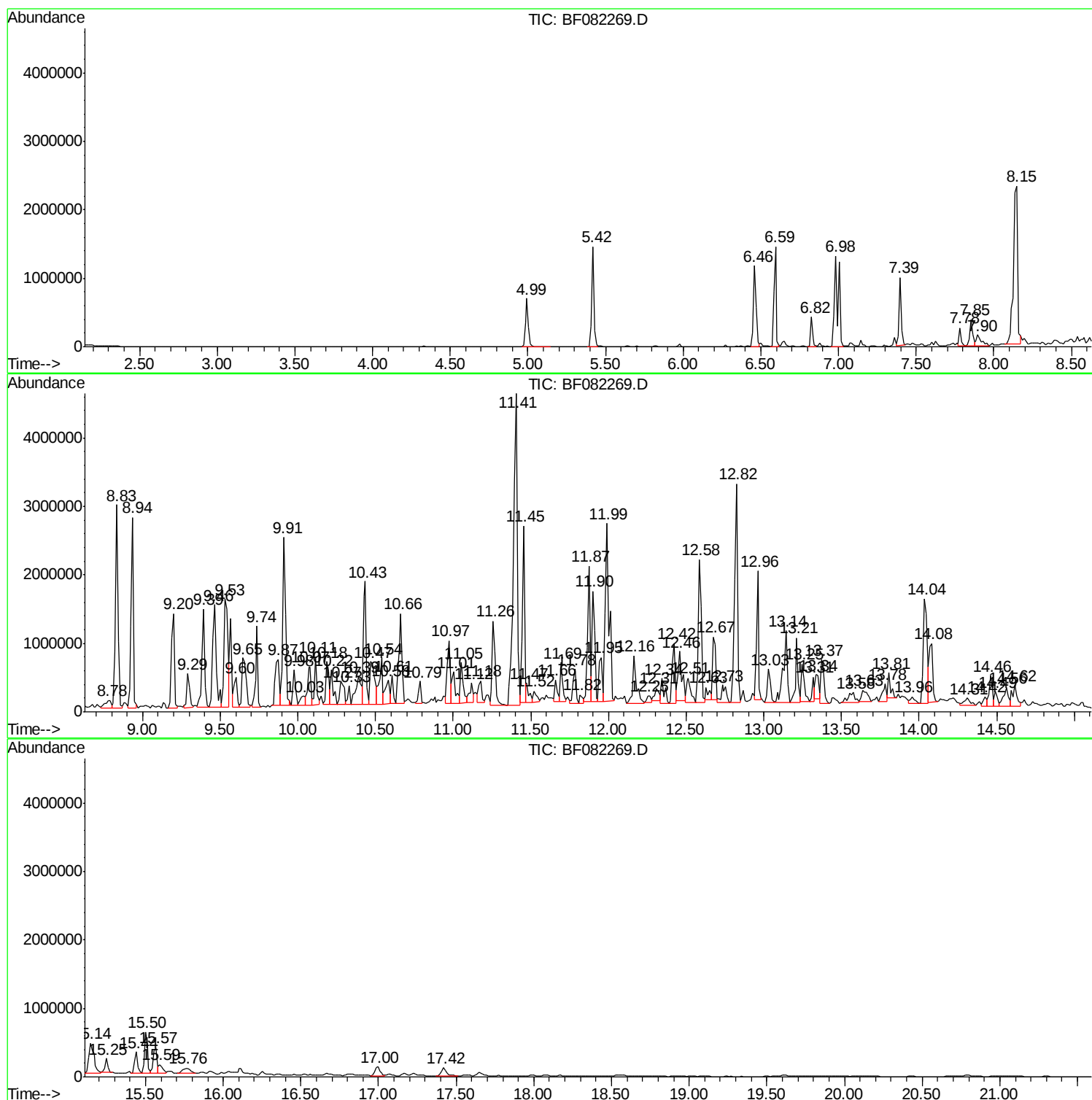
Sum of corrected areas: 114431955

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

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\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

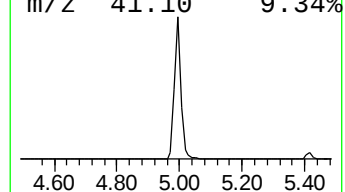
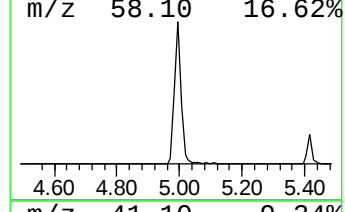
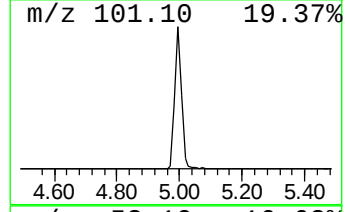
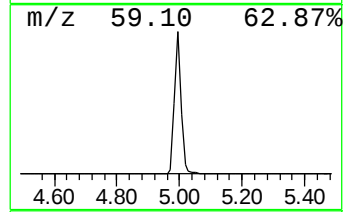
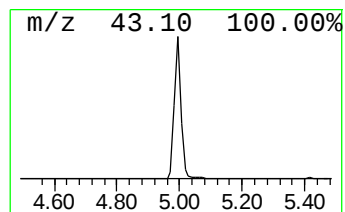
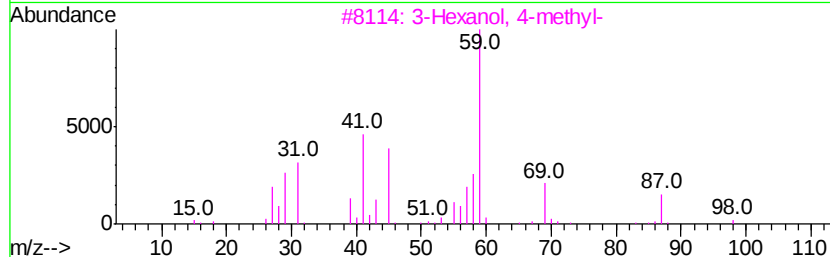
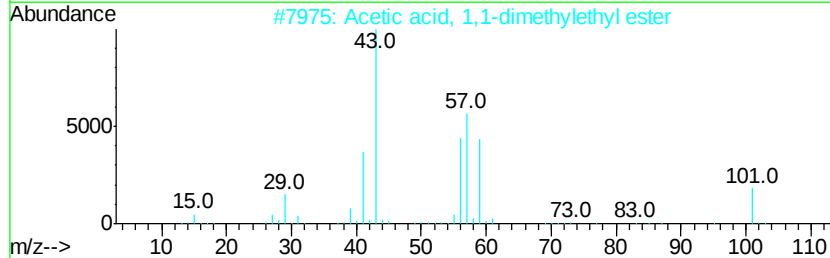
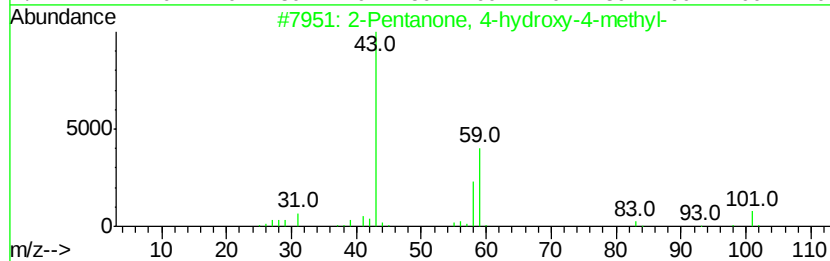
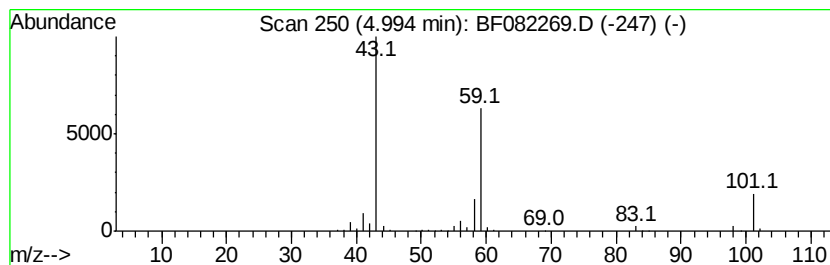
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	48.21 ng	989905	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	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

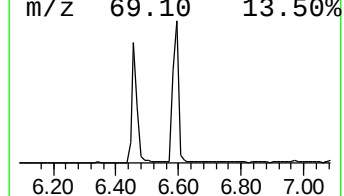
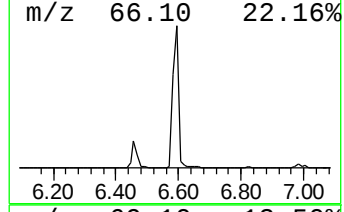
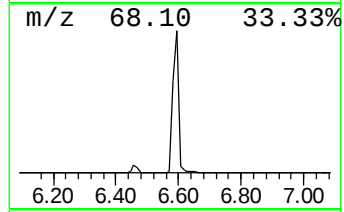
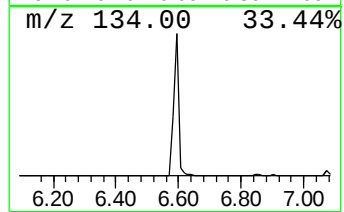
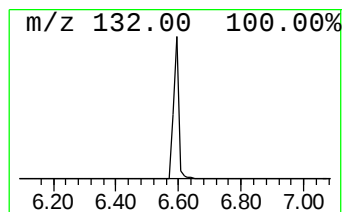
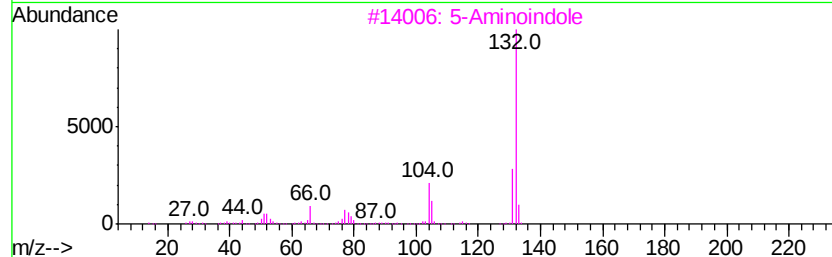
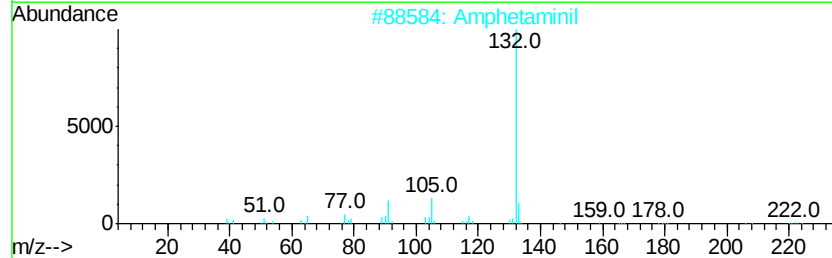
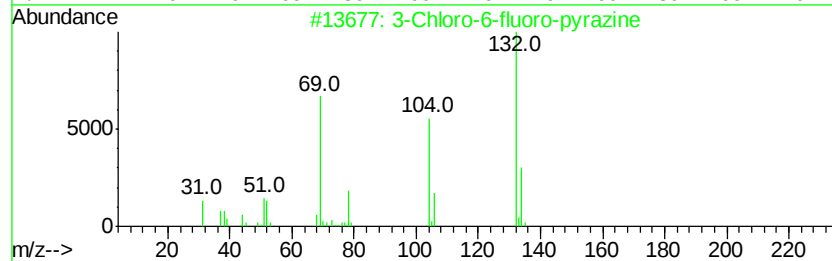
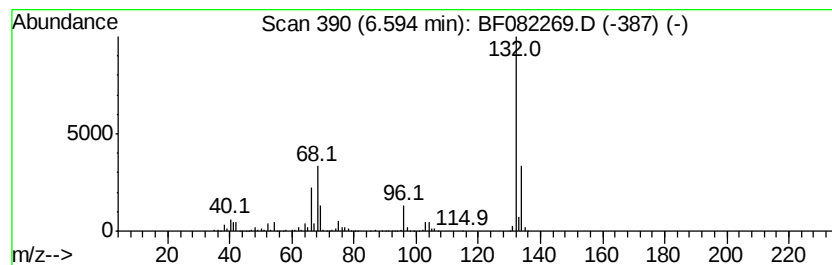
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	78.84 ng	1618780	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		Amphetaminil	250	C17H18N2	017590-01-1	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

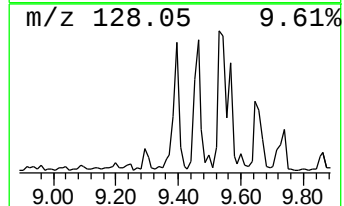
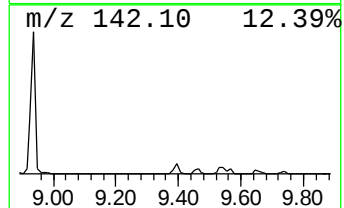
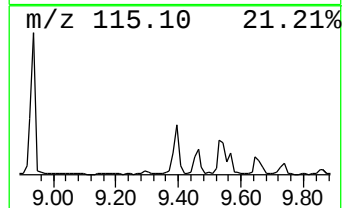
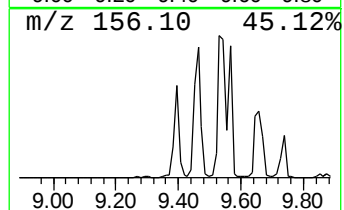
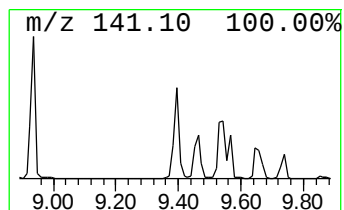
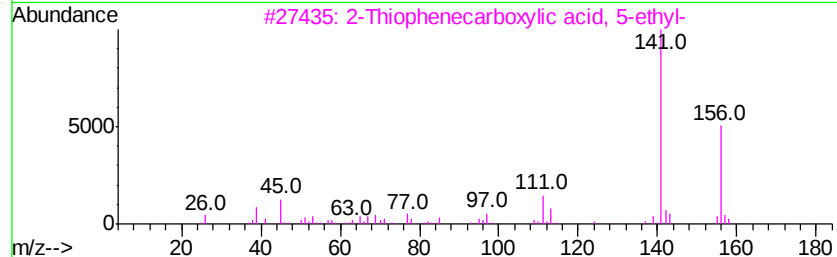
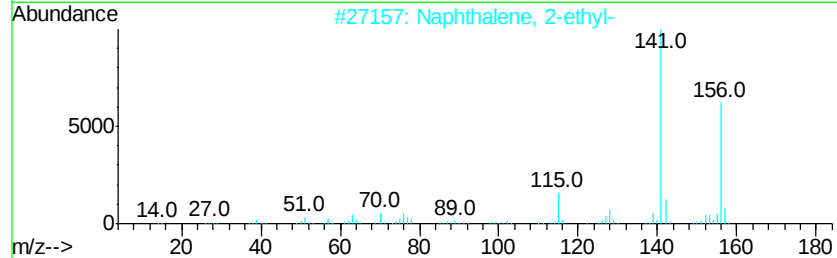
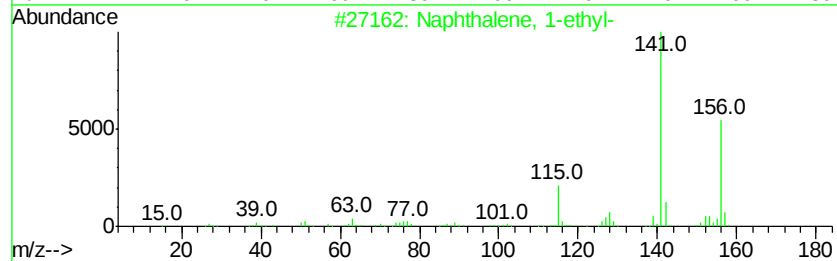
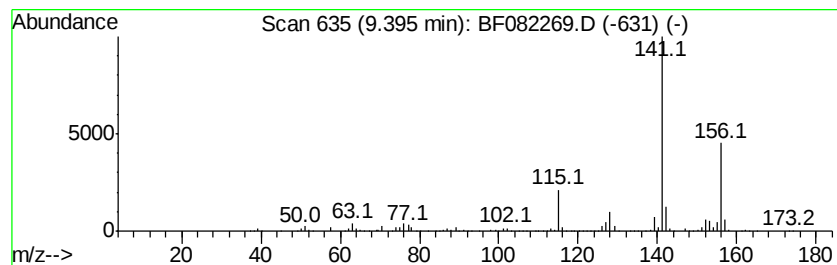
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	30.00 ng	1840390	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	43
5		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

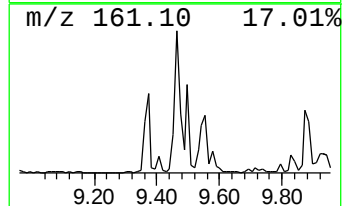
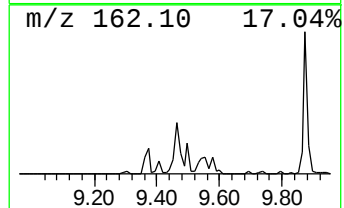
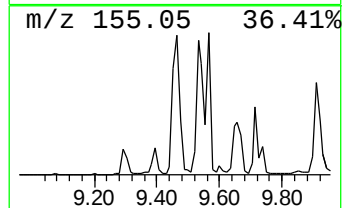
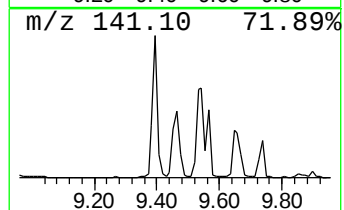
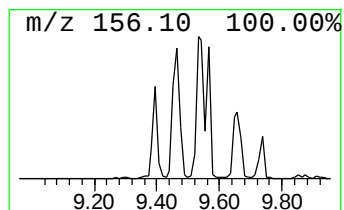
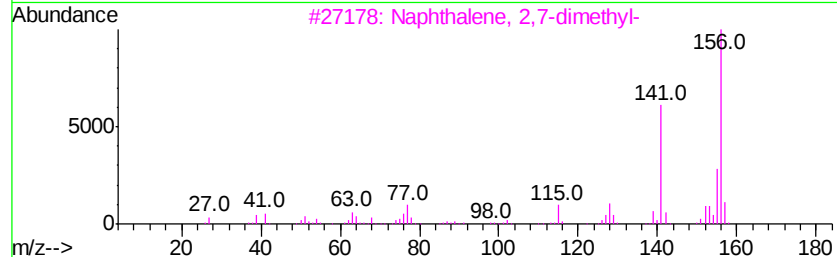
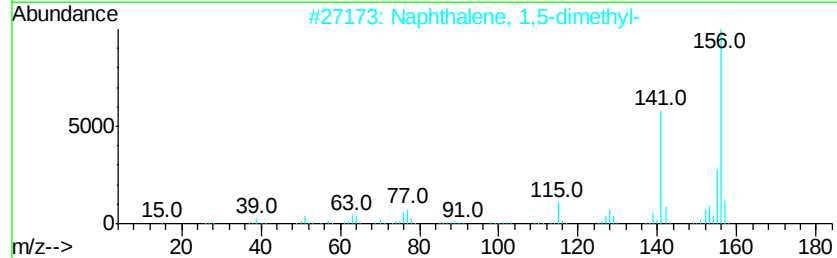
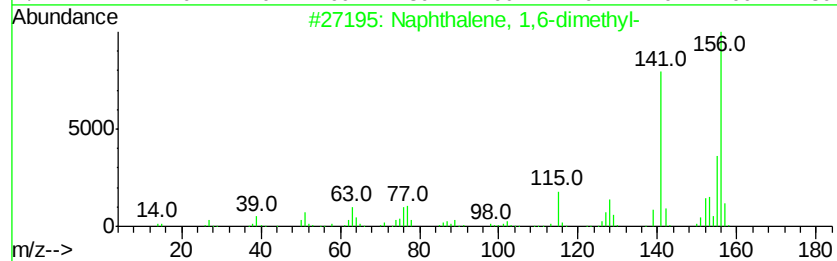
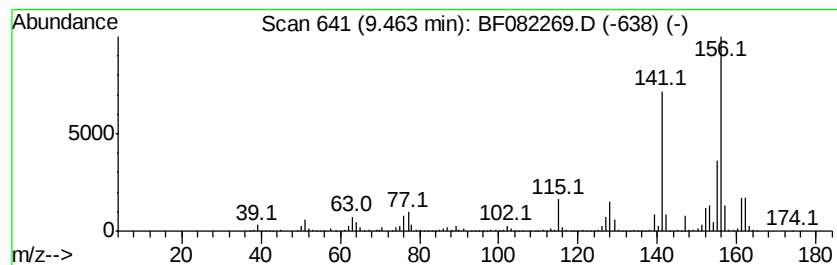
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	39.73 ng	2437250	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

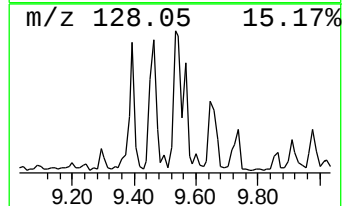
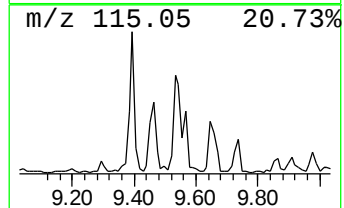
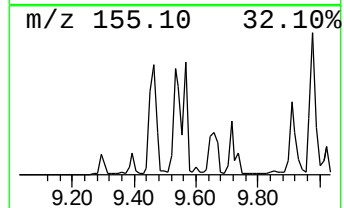
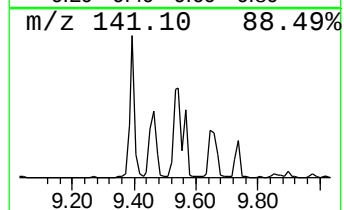
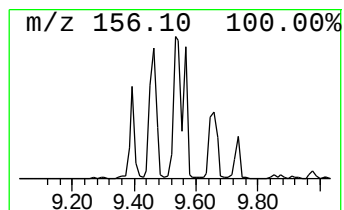
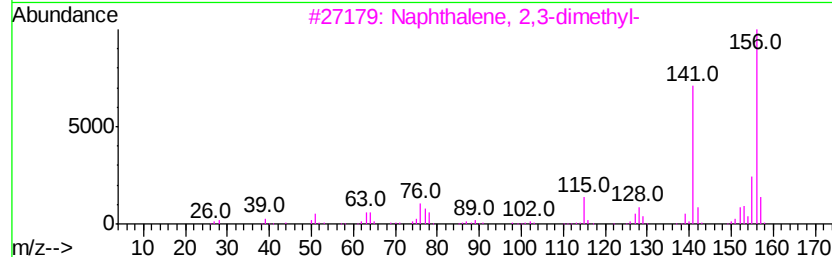
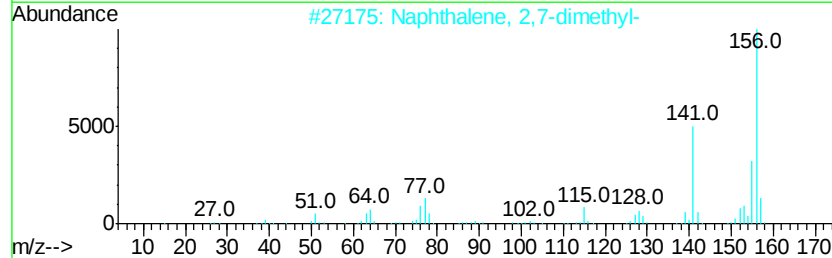
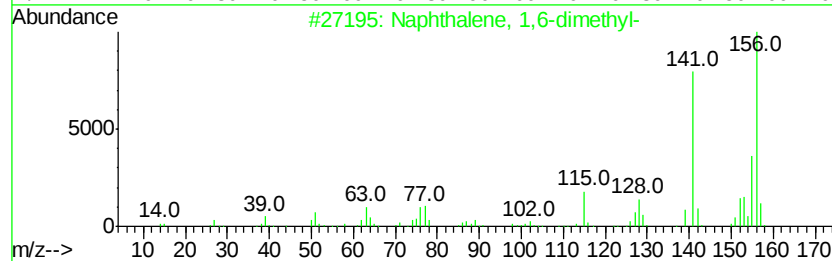
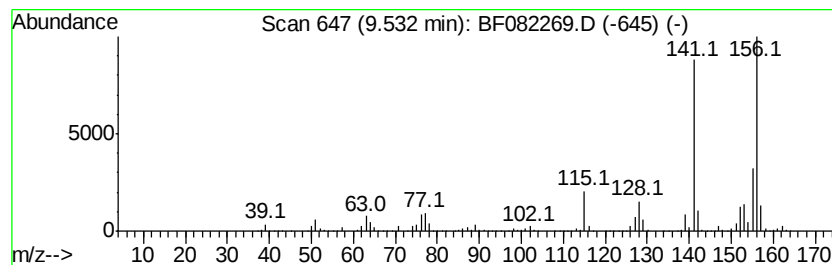
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	43.99 ng	2698330	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

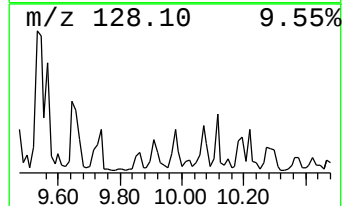
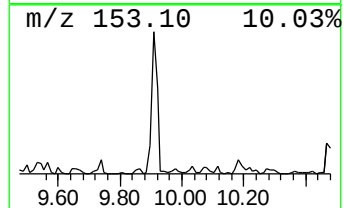
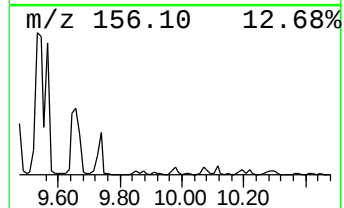
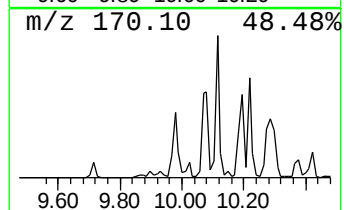
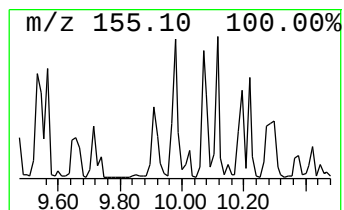
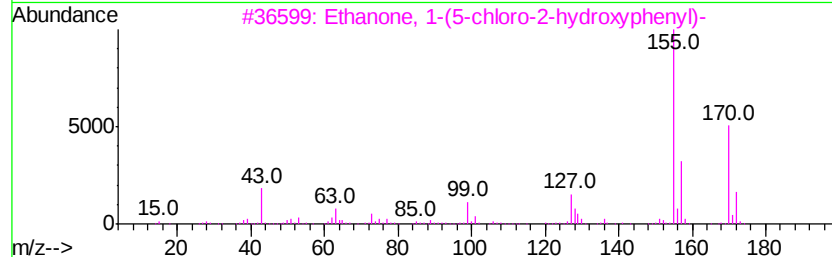
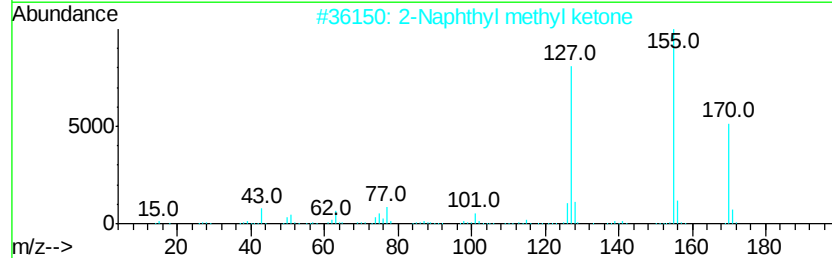
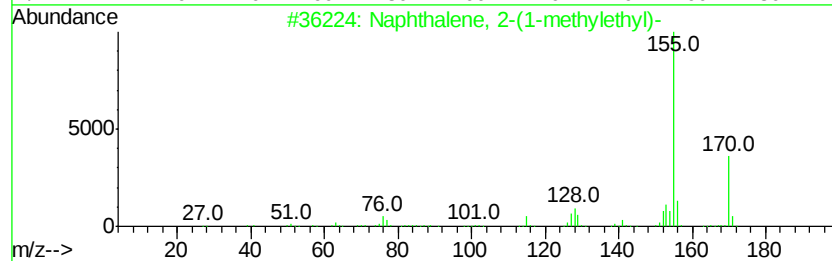
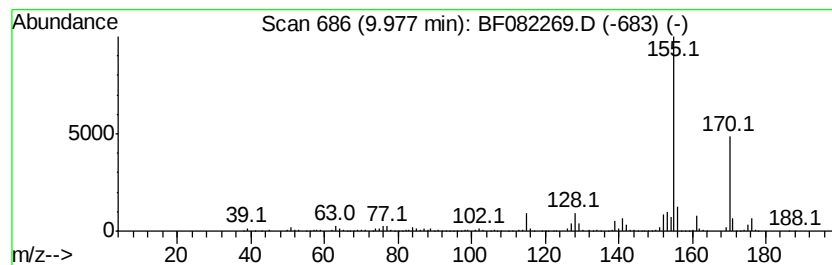
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	9.66 ng	592343	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
3			Ethanone, 1-(5-chloro-2-hydroxyphenyl)-	170	C8H7ClO2	001450-74-4	72
4			1'-Acetonaphthone	170	C12H10O	000941-98-0	59
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

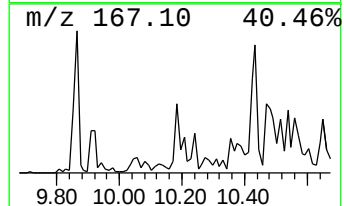
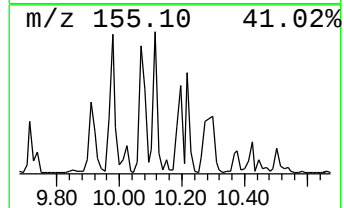
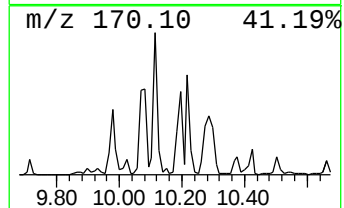
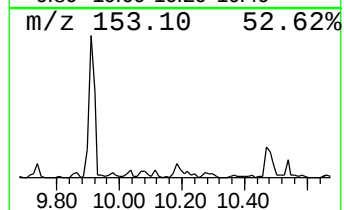
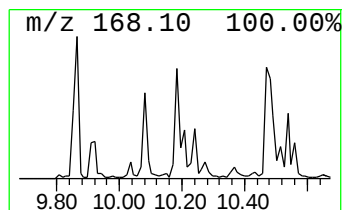
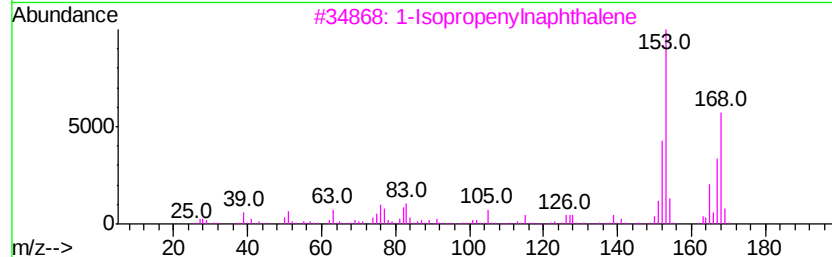
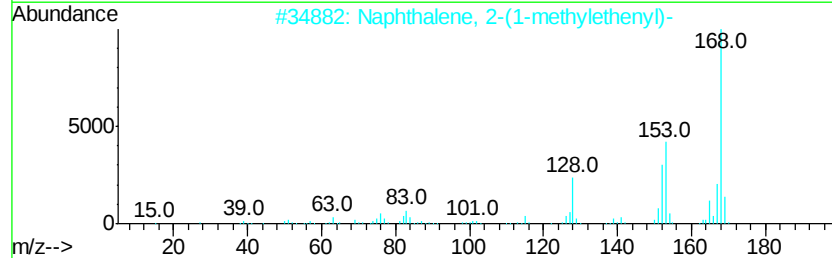
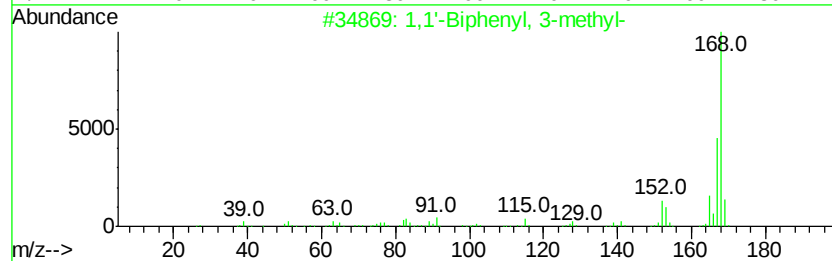
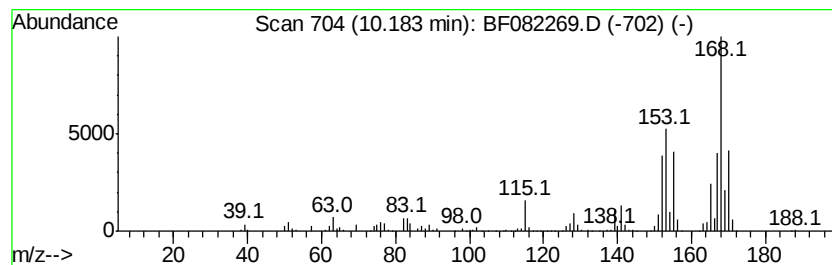
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	15.49 ng	950282	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
3		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

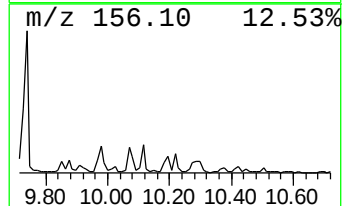
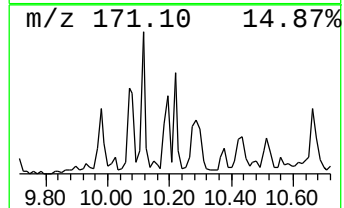
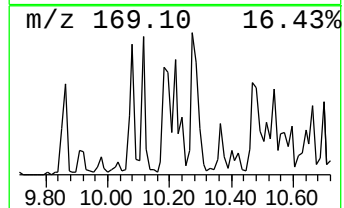
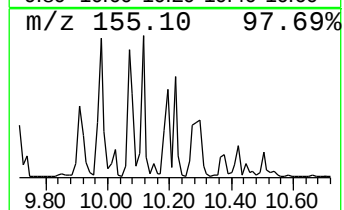
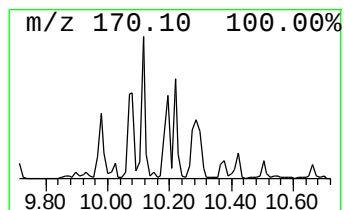
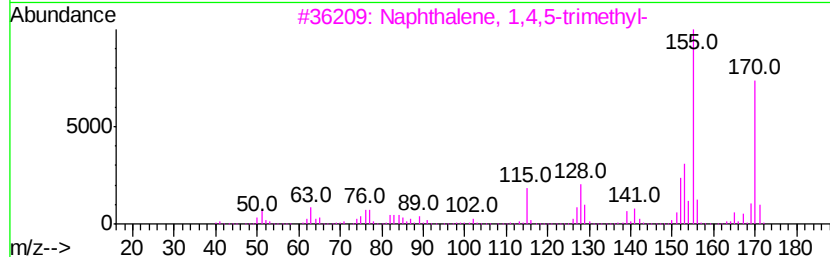
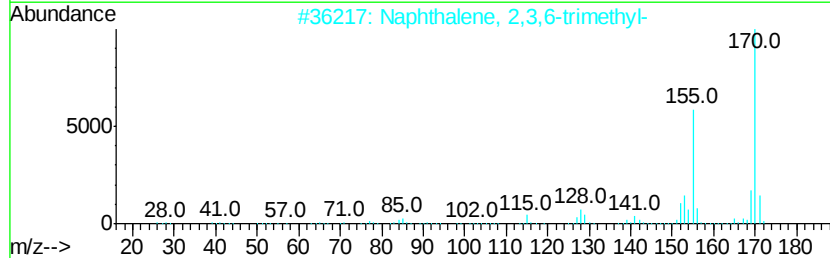
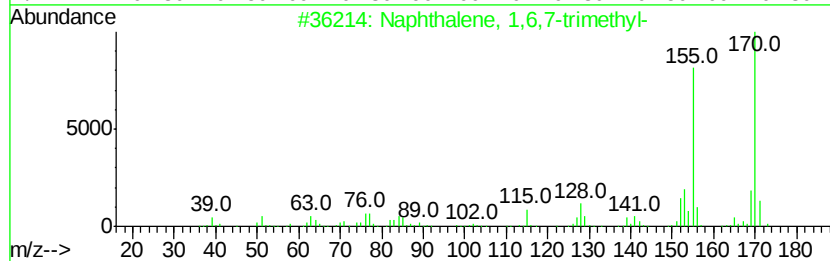
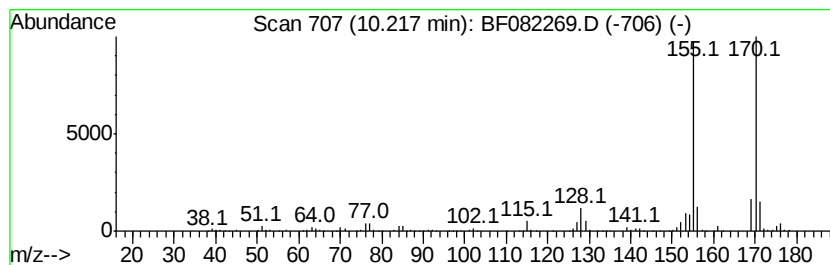
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	9.24 ng	566633	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

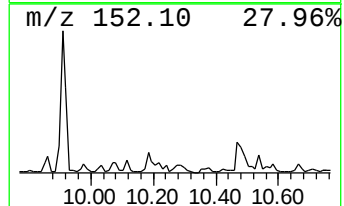
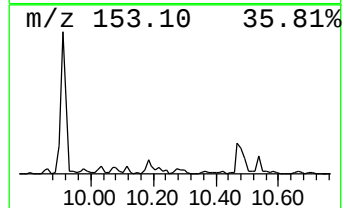
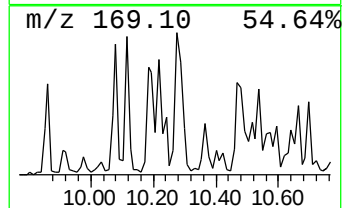
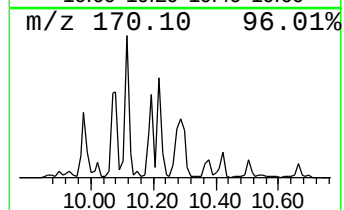
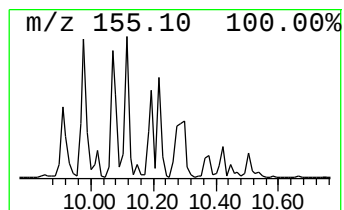
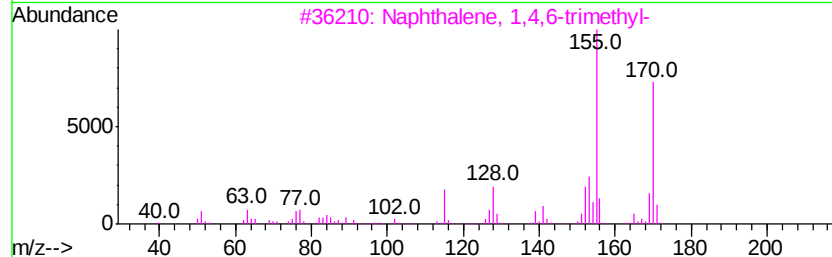
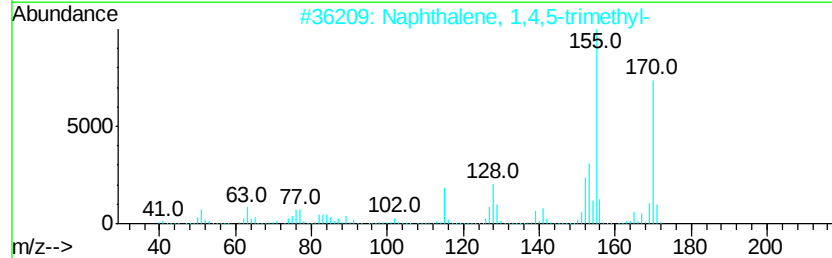
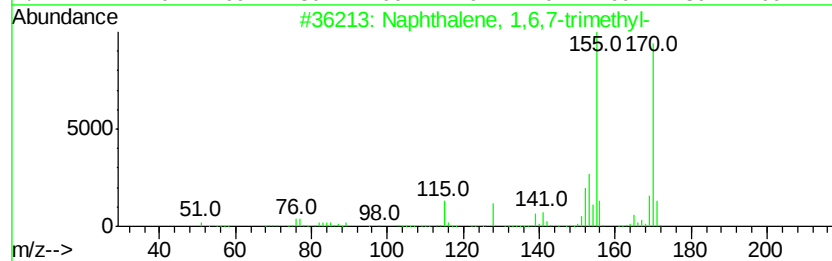
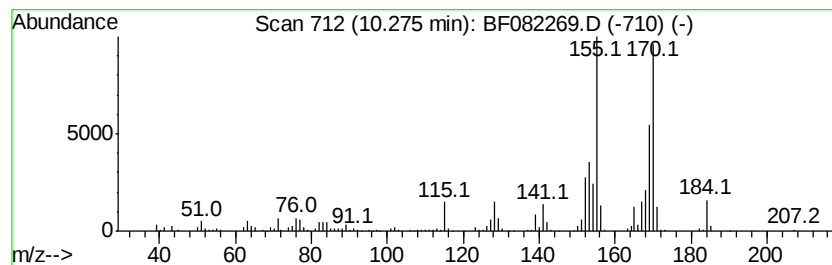
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.93 ng	670691	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	76
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

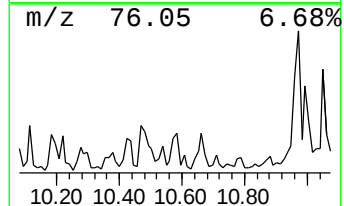
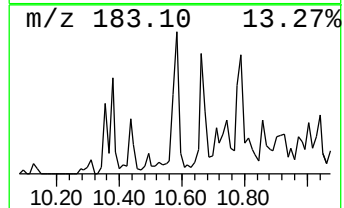
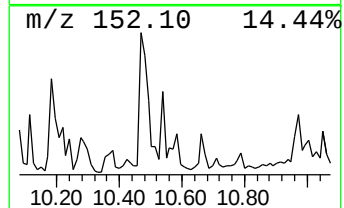
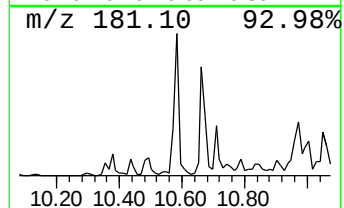
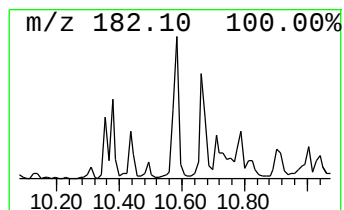
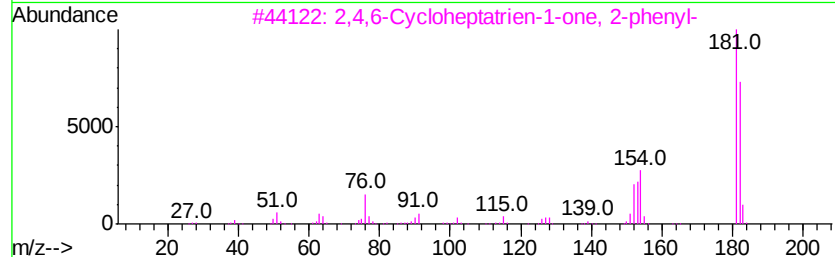
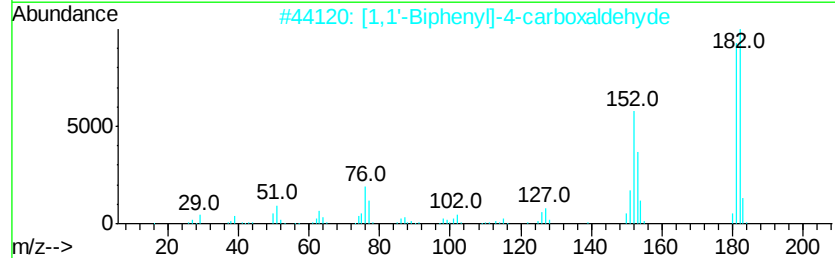
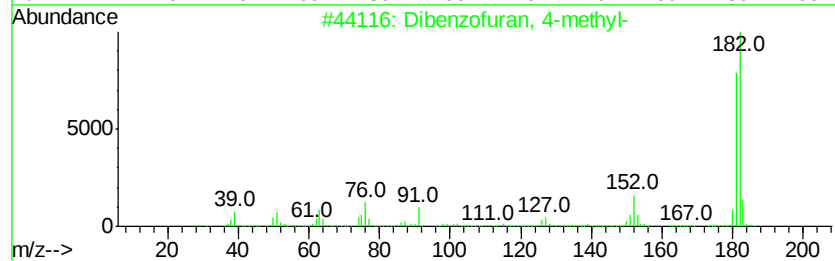
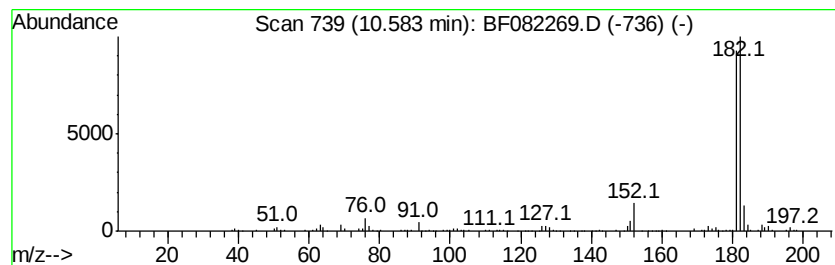
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	10.80 ng	662541	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

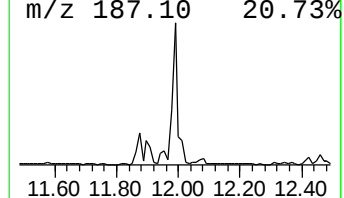
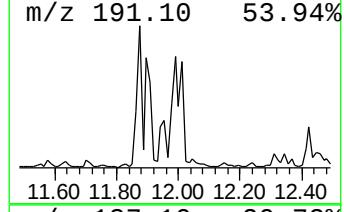
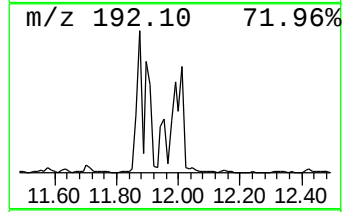
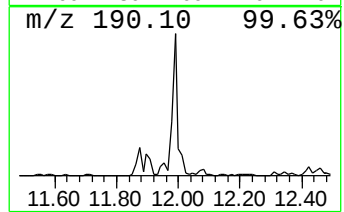
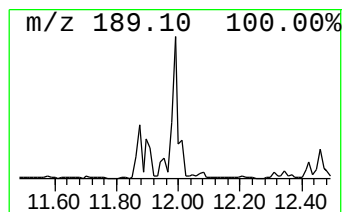
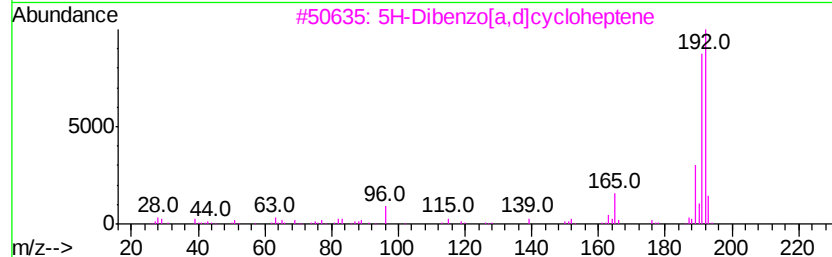
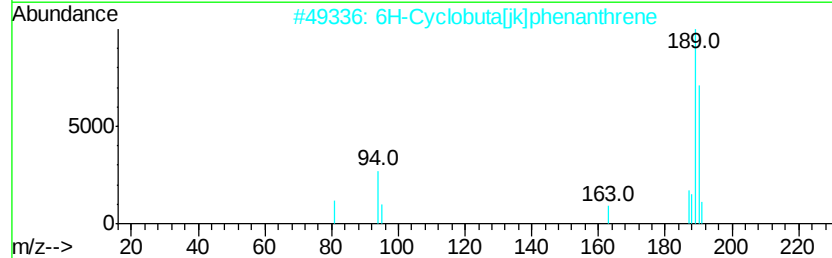
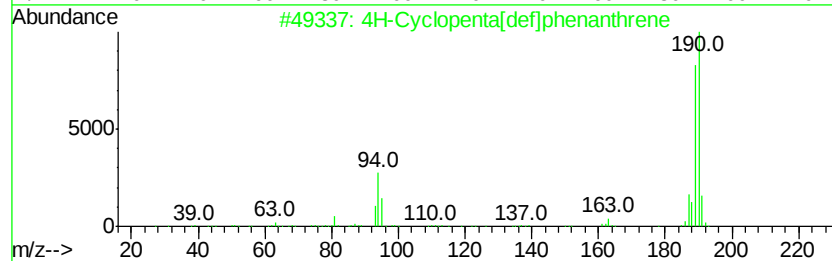
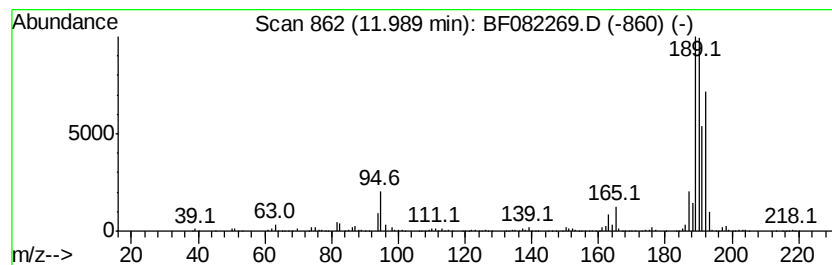
Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

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 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.99	11.23 ng	4256350	Phenanthrene-d10		11.37	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

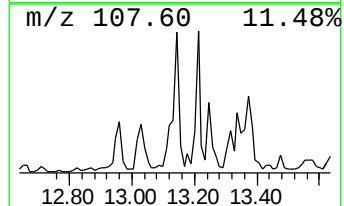
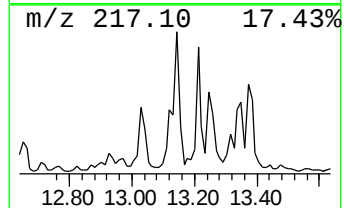
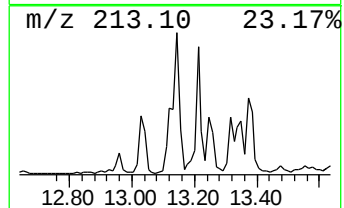
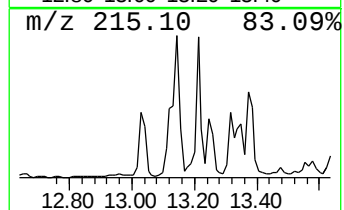
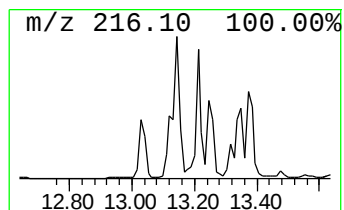
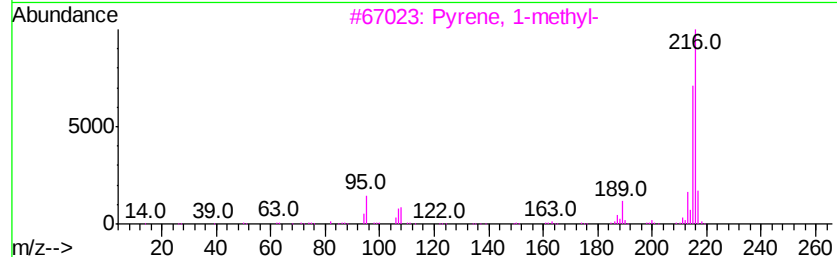
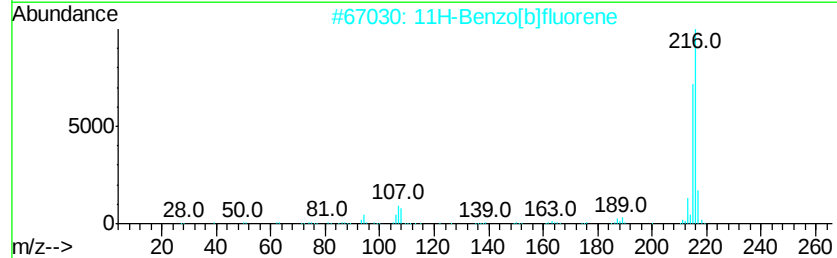
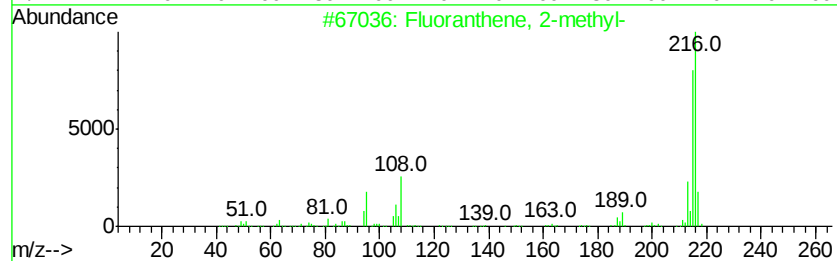
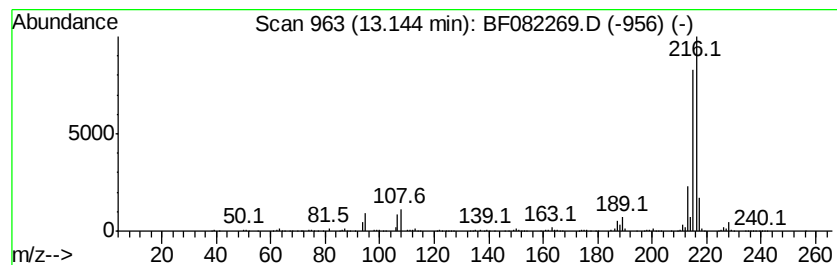
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	14.08 ng	1834200	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

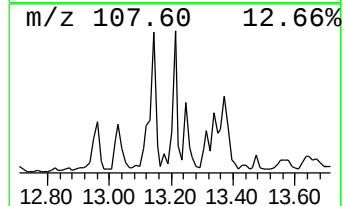
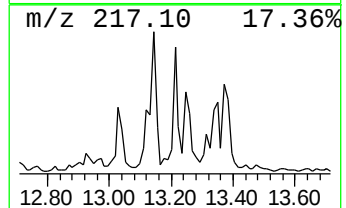
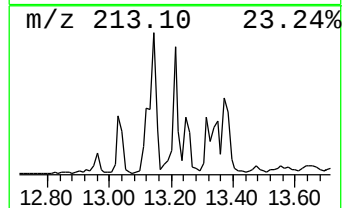
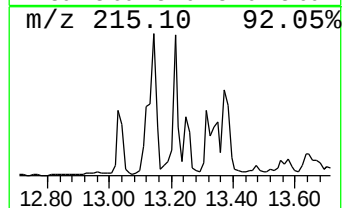
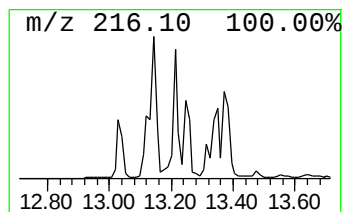
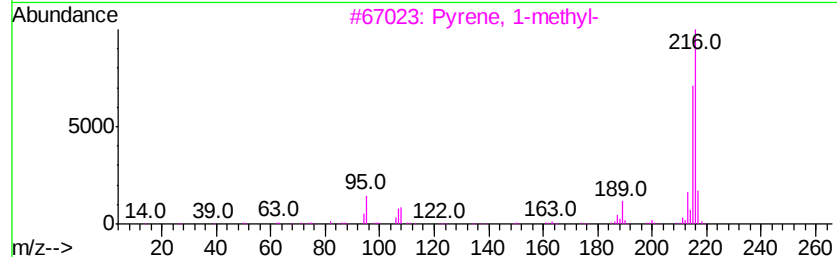
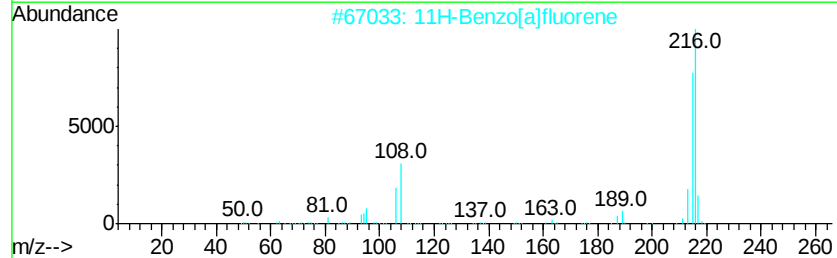
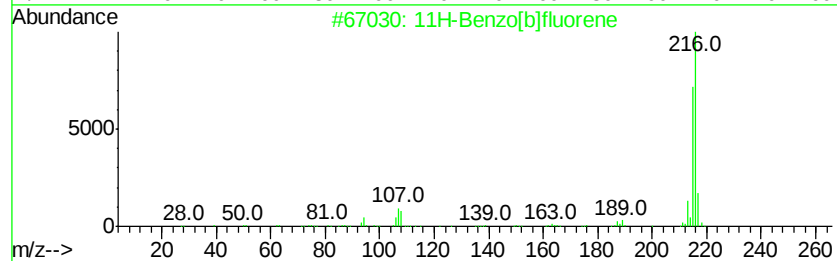
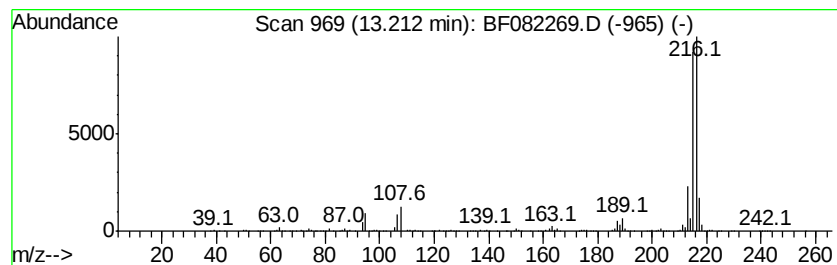
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	8.76 ng	1141680	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

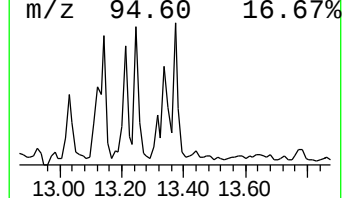
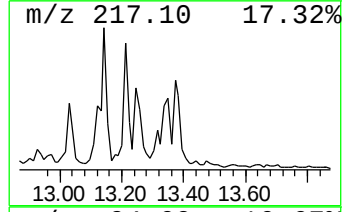
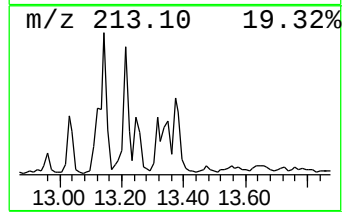
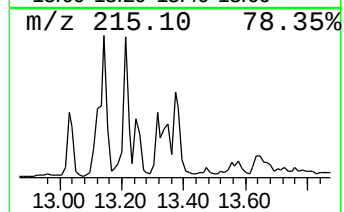
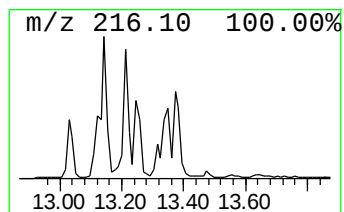
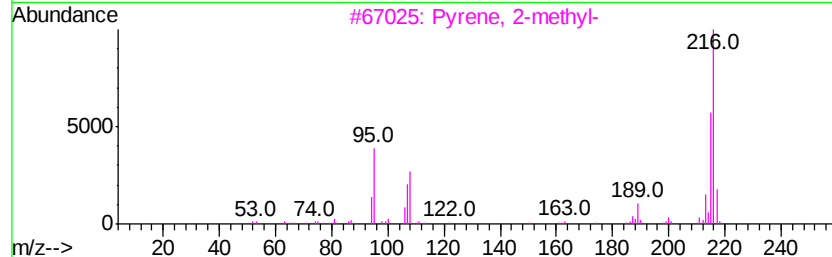
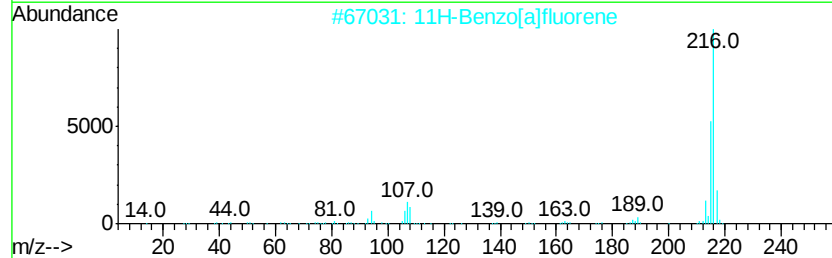
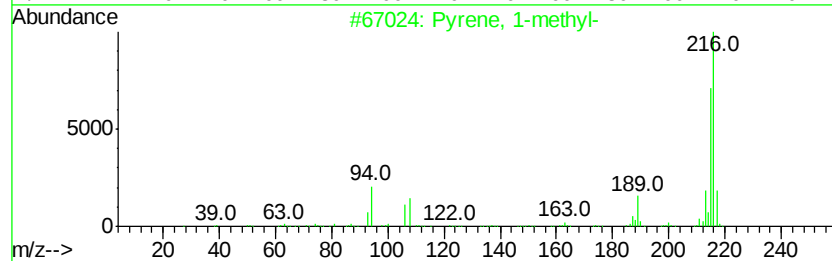
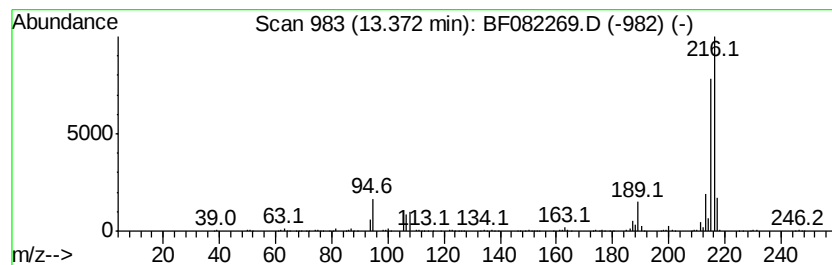
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.35 ng	827632	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082269.D
Acq On : 13 Oct 2015 22:24
Operator : UM/IZ
Sample : G3997-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP214BR-26-27

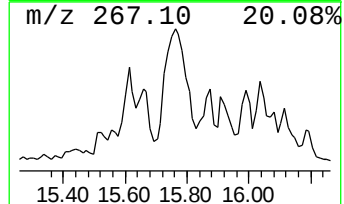
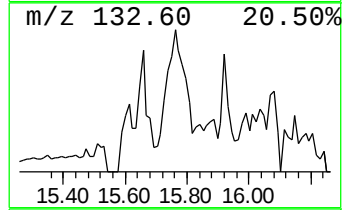
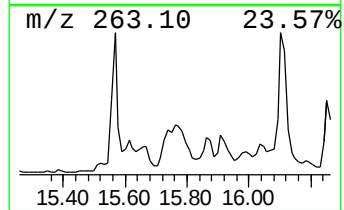
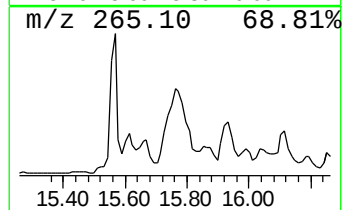
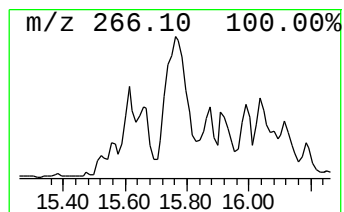
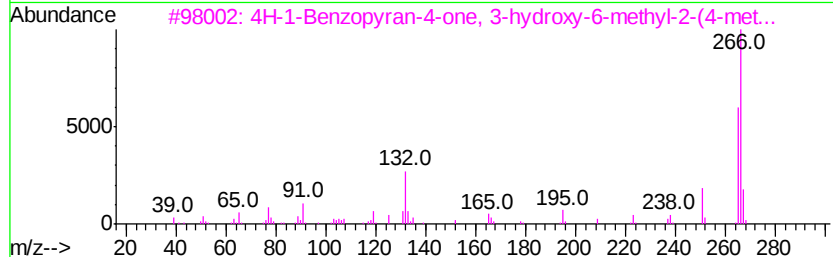
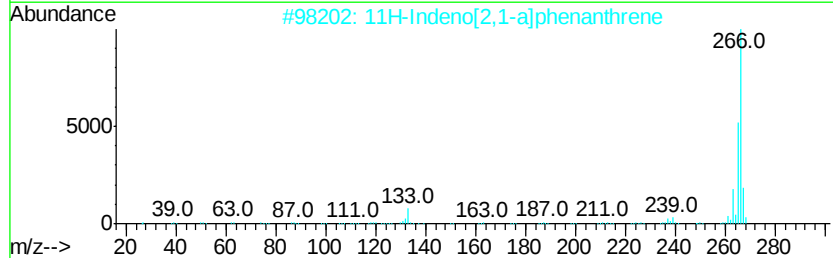
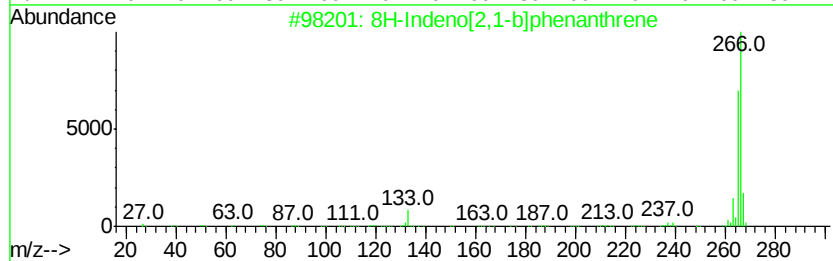
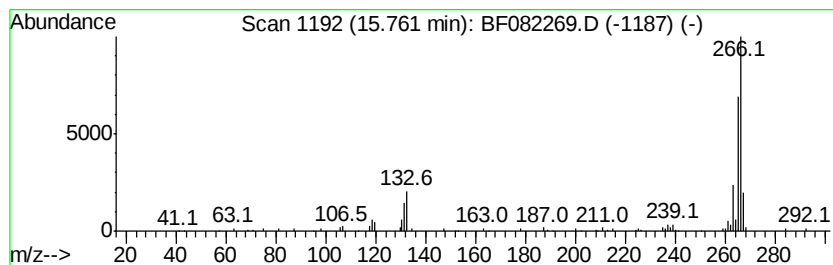
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 8H-Indeno[2,1-b]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	8.78 ng	258934	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	81
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	68
3		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	64
4		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	64
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101415\
 Data File : BF082269.D
 Acq On : 13 Oct 2015 22:24
 Operator : UM/IZ
 Sample : G3997-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP214BR-26-27

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...	4.99	48.2	ng	989905	1	6.82	410654	20.0
unknown6.59	6.59	78.8	ng	1618780	1	6.82	410654	20.0
Naphthalene, 1-et...	9.39	30.0	ng	1840390	3	9.87	1226910	20.0
Naphthalene, 1,6-...	9.46	39.7	ng	2437250	3	9.87	1226910	20.0
Naphthalene, 2,7-...	9.53	44.0	ng	2698330	3	9.87	1226910	20.0
Naphthalene, 2-(1...	9.98	9.7	ng	592343	3	9.87	1226910	20.0
1,1'-Biphenyl, 3-...	10.18	15.5	ng	950282	3	9.87	1226910	20.0
Naphthalene, 1,6,...	10.22	9.2	ng	566633	3	9.87	1226910	20.0
Naphthalene, 1,4,...	10.27	10.9	ng	670691	3	9.87	1226910	20.0
Dibenzofuran, 4-m...	10.58	10.8	ng	662541	3	9.87	1226910	20.0
4H-Cyclopenta[def...	11.99	11.2	ng	4256350	4	11.37	7581100	20.0
Fluoranthene, 2-m...	13.14	14.1	ng	1834200	5	14.05	2605510	20.0
11H-Benzo[b]fluorene	13.21	8.8	ng	1141680	5	14.05	2605510	20.0
Pyrene, 1-methyl-	13.37	6.3	ng	827632	5	14.05	2605510	20.0
8H-Indeno[2,1-b]p...	15.76	8.8	ng	258934	6	15.57	589984	20.0