

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085359.D
 Acq On : 11 Mar 2016 3:39
 Operator : UM/SJ
 Sample : H1721-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

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-BF030316.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	5.144	248	250	259	rVB	213401	303879	7.95%	0.430%
2	5.544	282	285	288	rBV	3541009	3798303	99.36%	5.372%
3	6.573	371	375	377	rBV	2321499	3551117	92.90%	5.022%
4	6.710	384	387	389	rBV	3404697	3681040	96.30%	5.206%
5	6.939	405	407	409	rBV	926996	752912	19.70%	1.065%
6	7.099	418	421	423	rBV	3065227	2931604	76.69%	4.146%
7	7.499	453	456	459	rBV	1851715	2142825	56.06%	3.031%
8	8.219	517	519	524	rBV2	925689	1033621	27.04%	1.462%
9	9.305	611	614	616	rBV	3209468	3822636	100.00%	5.406%
10	9.636	640	643	646	rBV	117618	169746	4.44%	0.240%
11	9.693	646	648	650	rVV	747828	675611	17.67%	0.956%
12	9.842	658	661	663	rBV	106213	118795	3.11%	0.168%
13	9.979	669	673	674	rBV	1159369	1042411	27.27%	1.474%
14	10.013	674	676	677	rVB	178121	182867	4.78%	0.259%
15	10.185	688	691	693	rVV	183720	234060	6.12%	0.331%
16	10.402	706	710	712	rBV2	128729	201756	5.28%	0.285%
17	10.528	719	721	723	rVB	321101	379972	9.94%	0.537%
18	10.630	727	730	733	rVV2	64048	150950	3.95%	0.213%
19	10.676	733	734	736	rVV	121801	137751	3.60%	0.195%
20	10.768	739	742	744	rVV	1885716	1878336	49.14%	2.657%
21	10.882	748	752	756	rBV2	195504	265882	6.96%	0.376%
22	11.076	765	769	770	rBV2	114461	172853	4.52%	0.244%
23	11.202	778	780	781	rVV	80966	94604	2.47%	0.134%
24	11.270	784	786	788	rVB	135162	161897	4.24%	0.229%
25	11.328	788	791	792	rBV2	122939	204337	5.35%	0.289%
26	11.362	792	794	796	rVB	217401	224264	5.87%	0.317%
27	11.465	800	803	804	rBV	971135	1087776	28.46%	1.538%
28	11.488	804	805	807	rVV	2904370	2811178	73.54%	3.976%
29	11.533	807	809	811	rVV	656155	808199	21.14%	1.143%
30	11.693	820	823	824	rBV2	183069	243805	6.38%	0.345%
31	11.968	844	847	848	rBV	336029	412901	10.80%	0.584%
32	11.991	848	849	851	rVB	628370	487756	12.76%	0.690%
33	12.036	851	853	855	rBV	223813	219374	5.74%	0.310%
34	12.082	855	857	860	rVV	453375	835147	21.85%	1.181%

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085359.D
 Acq On : 11 Mar 2016 3:39
 Operator : UM/SJ
 Sample : H1721-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

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-BF030316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.162	860	864	866 rVV	55608	91870	2.40%	0.130%
36	12.253	871	872	876 rVB2	263787	442680	11.58%	0.626%
37	12.402	883	885	887 rBV2	59397	96262	2.52%	0.136%
38	12.516	892	895	896 rBV	168734	221498	5.79%	0.313%
39	12.551	896	898	901 rVV2	126399	224276	5.87%	0.317%
40	12.596	901	902	907 rVV	183650	197845	5.18%	0.280%
41	12.676	907	909	911 rVV	2688812	3631179	94.99%	5.136%
42	12.733	911	914	916 rVV2	67113	138218	3.62%	0.195%
43	12.825	918	922	926 rVB2	155458	257563	6.74%	0.364%
44	12.905	926	929	932 rBV	2315244	3405376	89.08%	4.816%
45	12.951	932	933	936 rVB2	179296	179914	4.71%	0.254%
46	13.019	937	939	940 rBV	213210	263746	6.90%	0.373%
47	13.054	940	942	944 rVV	2019558	2600946	68.04%	3.679%
48	13.122	944	948	952 rVB3	205541	397967	10.41%	0.563%
49	13.236	952	958	959 rBV2	308242	644721	16.87%	0.912%
50	13.294	962	963	965 rVV	212335	263537	6.89%	0.373%
51	13.339	965	967	970 rVV3	233495	397305	10.39%	0.562%
52	13.431	973	975	976 rVV	121307	129184	3.38%	0.183%
53	13.454	976	977	979 rVV2	134980	174580	4.57%	0.247%
54	13.534	982	984	989 rVB3	67048	137225	3.59%	0.194%
55	13.636	989	993	996 rBV5	80270	293989	7.69%	0.416%
56	13.739	998	1002	1004 rVV	216142	329288	8.61%	0.466%
57	13.854	1009	1012	1013 rVV2	235308	392017	10.26%	0.554%
58	13.876	1013	1014	1015 rVV	290222	263422	6.89%	0.373%
59	13.899	1015	1016	1018 rVV2	231663	354593	9.28%	0.502%
60	13.945	1018	1020	1023 rVV2	397895	470638	12.31%	0.666%
61	14.014	1023	1026	1029 rVV2	80124	169908	4.44%	0.240%
62	14.094	1029	1033	1035 rVV	1992862	2959657	77.42%	4.186%
63	14.128	1035	1036	1039 rVV	1549837	1391417	36.40%	1.968%
64	14.185	1039	1041	1042 rVV2	59533	104661	2.74%	0.148%
65	14.208	1042	1043	1045 rVV	254260	242477	6.34%	0.343%
66	14.288	1045	1050	1051 rVV3	168714	348748	9.12%	0.493%
67	14.322	1051	1053	1055 rVV2	204371	305251	7.99%	0.432%
68	14.357	1055	1056	1059 rVV	91403	113718	2.97%	0.161%
69	14.425	1059	1062	1063 rVV2	76238	109271	2.86%	0.155%
70	14.448	1063	1064	1065 rVV	89517	99305	2.60%	0.140%
71	14.482	1065	1067	1069 rVV	273693	386829	10.12%	0.547%

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

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-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.517	1069	1070	1072	rVV	166111	185618	4.86%	0.263%
73	14.574	1072	1075	1077	rVV4	165196	318809	8.34%	0.451%
74	14.608	1077	1078	1079	rVV	162338	165174	4.32%	0.234%
75	14.677	1082	1084	1087	rVB4	74370	145329	3.80%	0.206%
76	14.791	1092	1094	1095	rBV	77896	109634	2.87%	0.155%
77	14.974	1106	1110	1114	rBV4	82914	206594	5.40%	0.292%
78	15.145	1122	1125	1129	rBV	1192280	2582969	67.57%	3.653%
79	15.248	1132	1134	1136	rVB	239785	268176	7.02%	0.379%
80	15.351	1139	1143	1145	rBV3	68952	185426	4.85%	0.262%
81	15.397	1145	1147	1148	rVV	75645	103477	2.71%	0.146%
82	15.442	1148	1151	1154	rVB	688121	948684	24.82%	1.342%
83	15.511	1154	1157	1159	rBV	827053	1304910	34.14%	1.846%
84	15.568	1159	1162	1163	rBV	557721	737862	19.30%	1.044%
85	15.591	1163	1164	1168	rVB2	290701	442172	11.57%	0.625%
86	15.785	1179	1181	1184	rVB2	59620	109697	2.87%	0.155%
87	16.117	1208	1210	1215	rVB3	52724	97966	2.56%	0.139%
88	16.688	1257	1260	1268	rVB4	51645	175083	4.58%	0.248%
89	16.837	1268	1273	1282	rBV4	80582	360290	9.43%	0.510%
90	17.020	1286	1289	1294	rVV2	397950	857977	22.44%	1.213%
91	17.191	1300	1304	1307	rVV2	88950	205801	5.38%	0.291%
92	17.260	1307	1310	1312	rVV	83134	188716	4.94%	0.267%
93	17.328	1314	1316	1320	rVB4	46817	105299	2.75%	0.149%
94	17.465	1323	1328	1336	rBV	292610	693708	18.15%	0.981%
95	17.603	1337	1340	1344	rVV5	43272	128868	3.37%	0.182%
96	17.694	1344	1348	1356	rVV2	92264	242323	6.34%	0.343%
97	18.071	1376	1381	1387	rBV2	97185	319940	8.37%	0.453%
98	18.174	1387	1390	1400	rVB4	72275	234741	6.14%	0.332%
99	18.414	1405	1411	1424	rVB2	346659	1132638	29.63%	1.602%
100	19.317	1481	1490	1506	rBV4	129710	695545	18.20%	0.984%

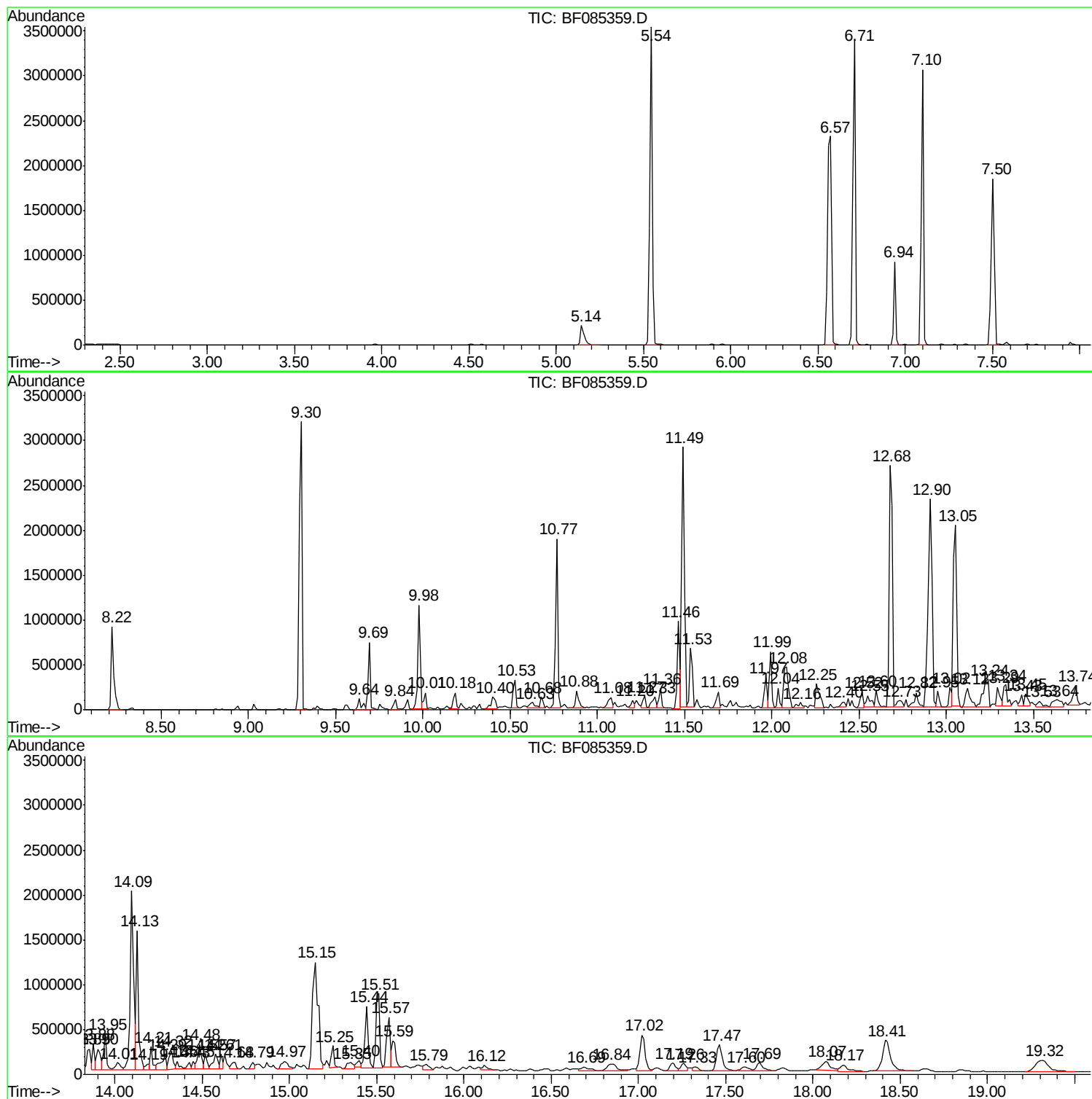
Sum of corrected areas: 70704672

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

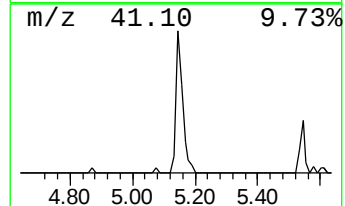
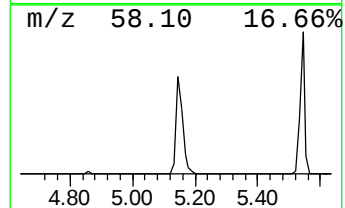
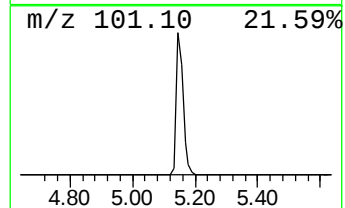
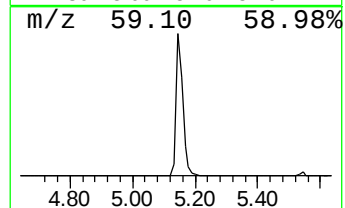
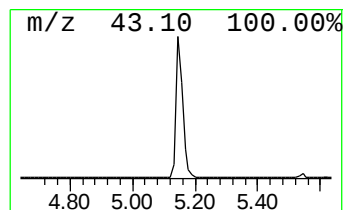
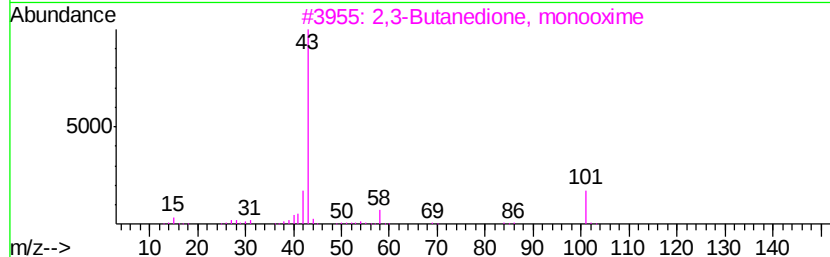
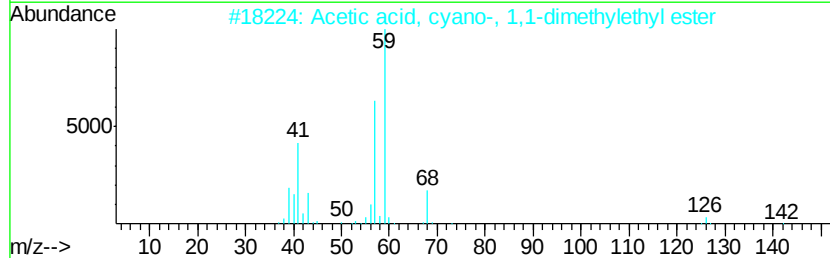
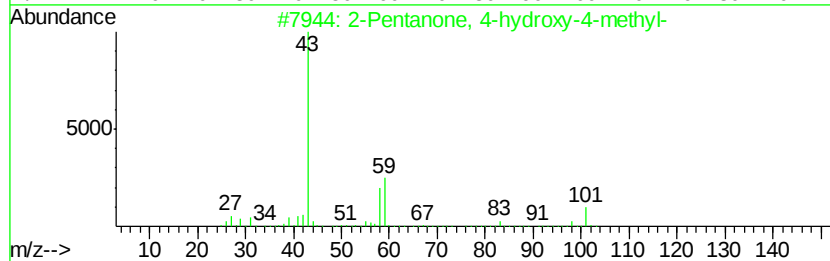
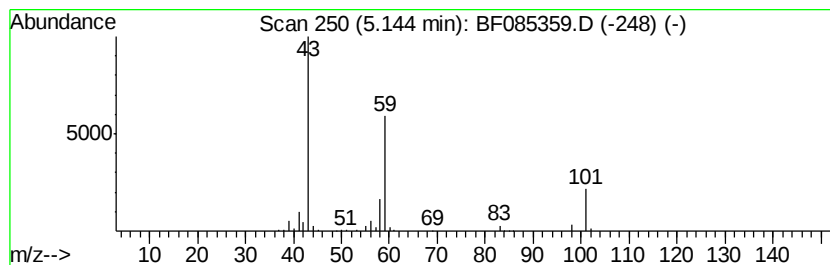
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	8.07 ng	303879	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

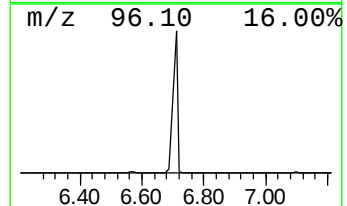
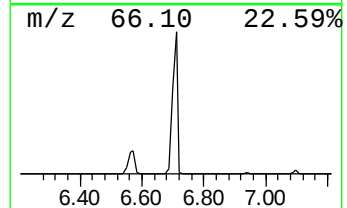
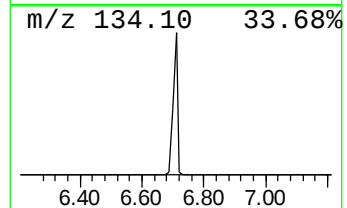
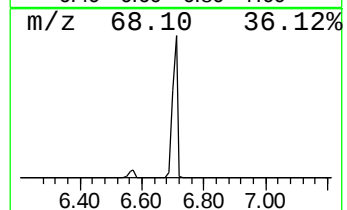
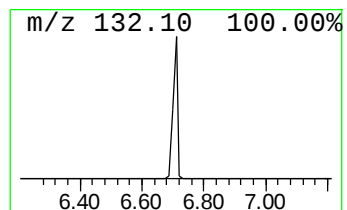
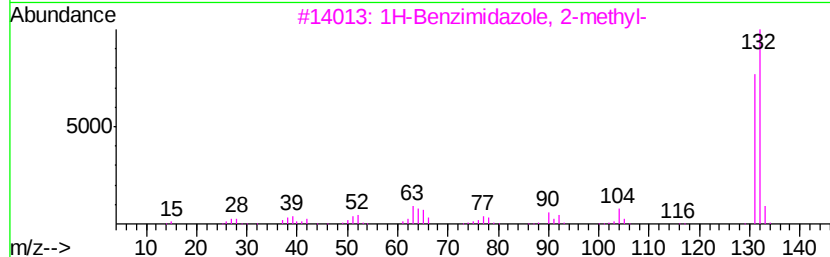
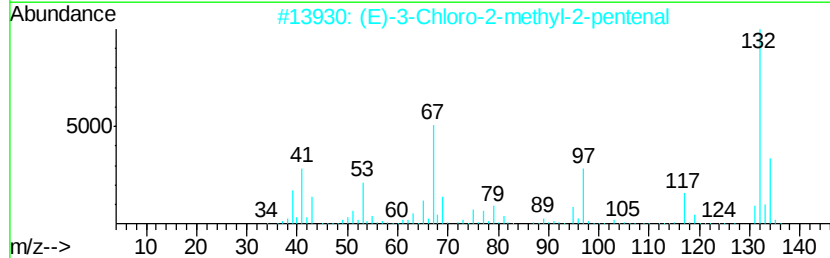
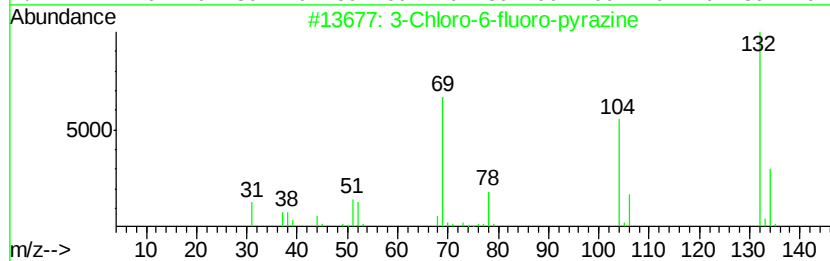
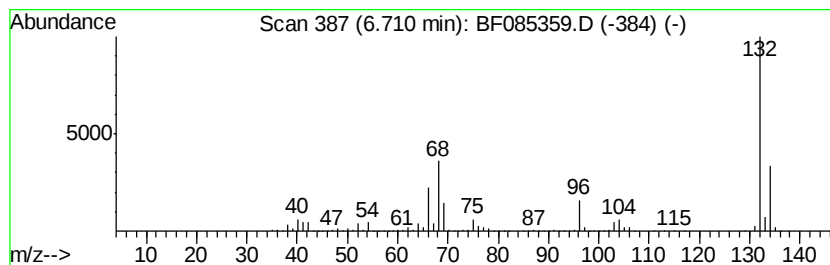
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	97.78 ng	3681040	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			Xenon	132	Xe	007440-63-3	9
5			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

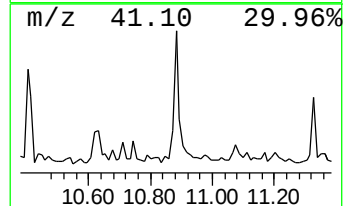
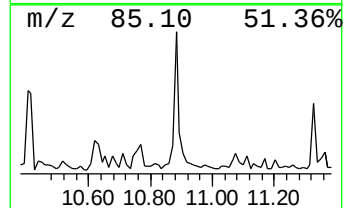
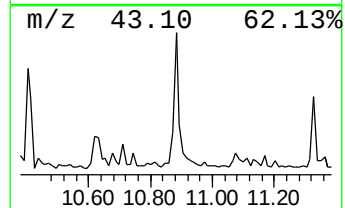
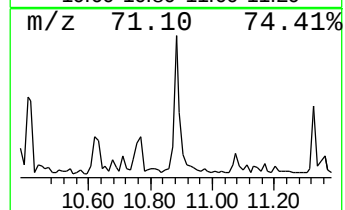
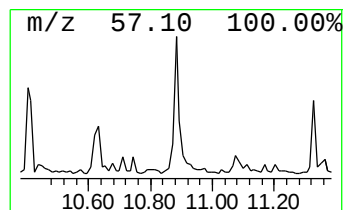
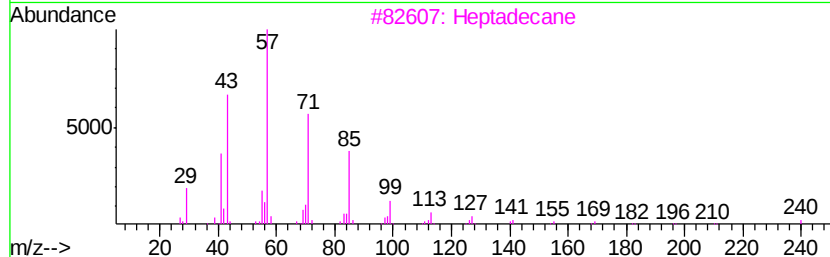
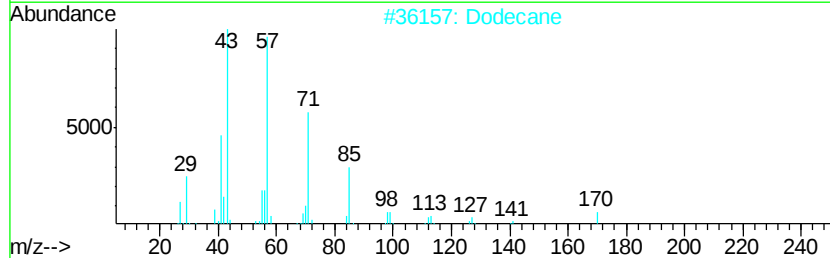
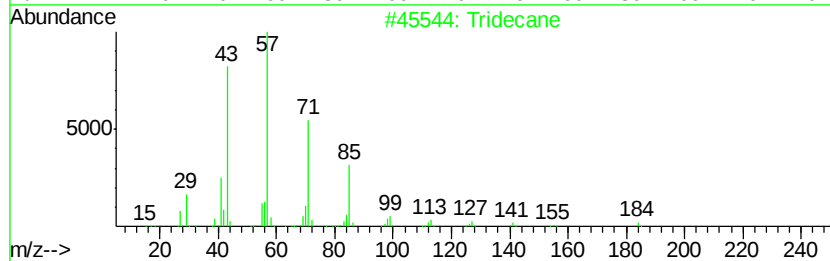
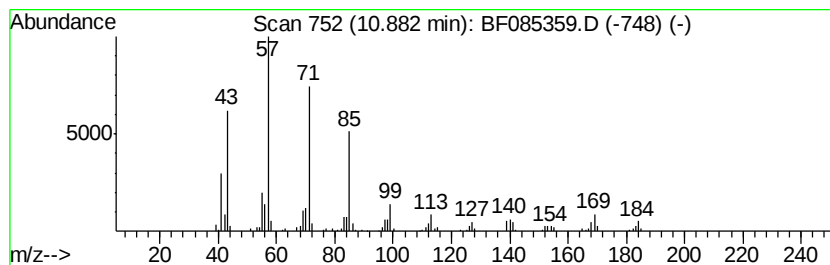
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.89 ng	265882	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Dodecane	170	C12H26	000112-40-3	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

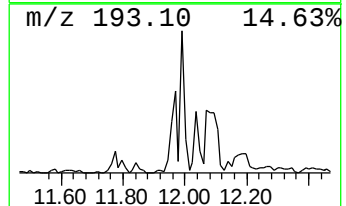
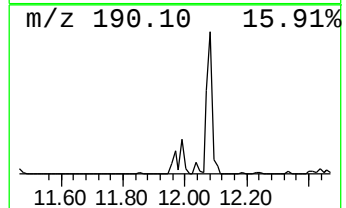
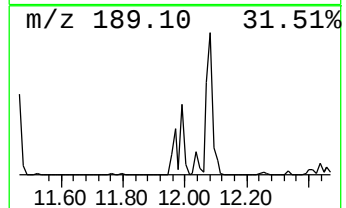
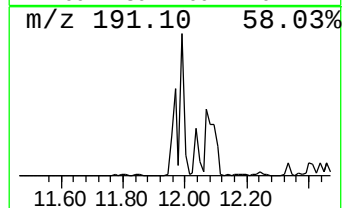
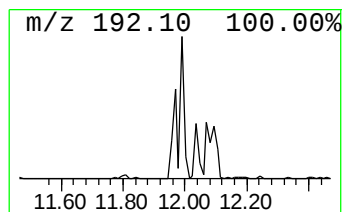
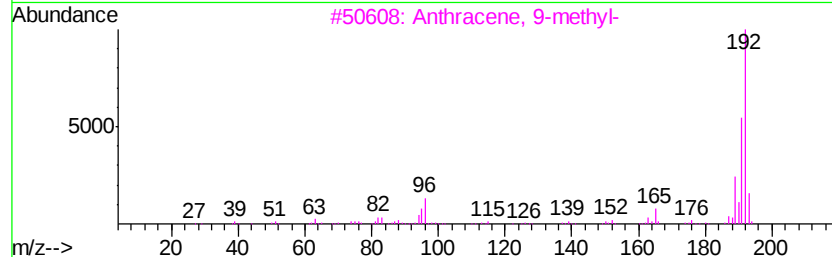
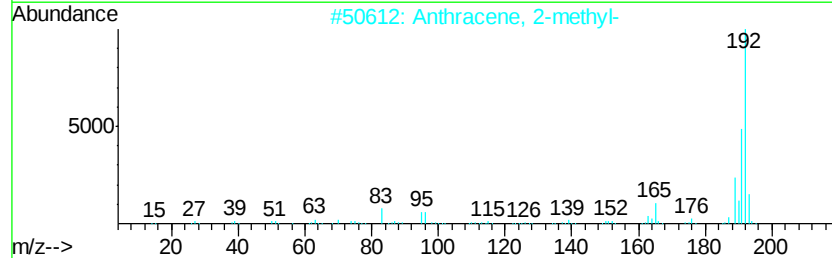
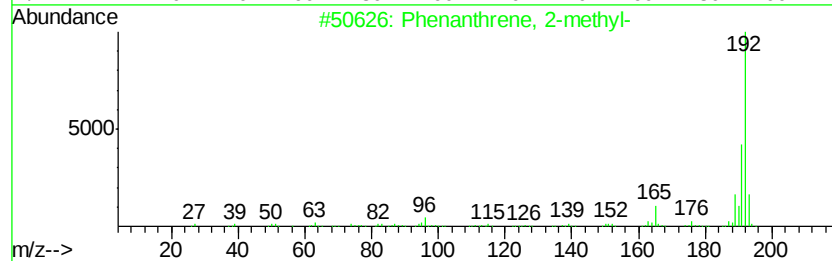
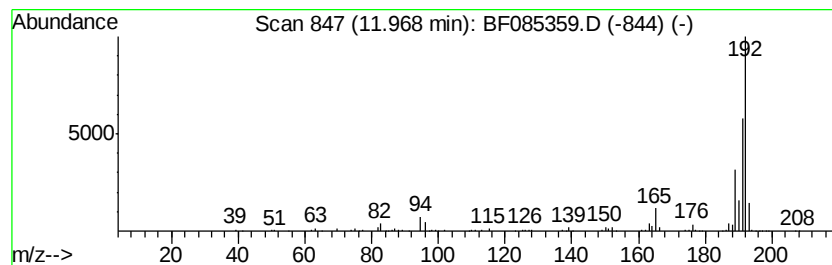
Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.97	7.59 ng	412901	Phenanthrene-d10		11.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

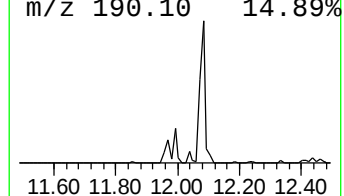
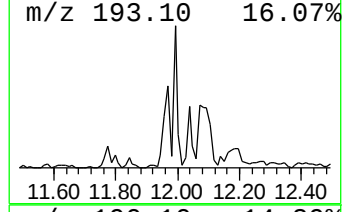
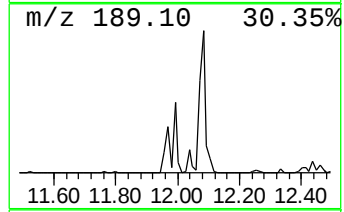
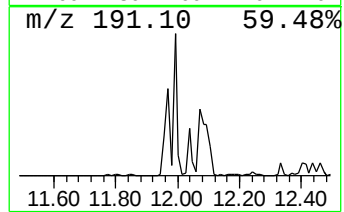
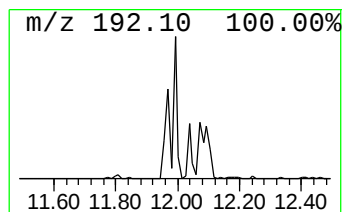
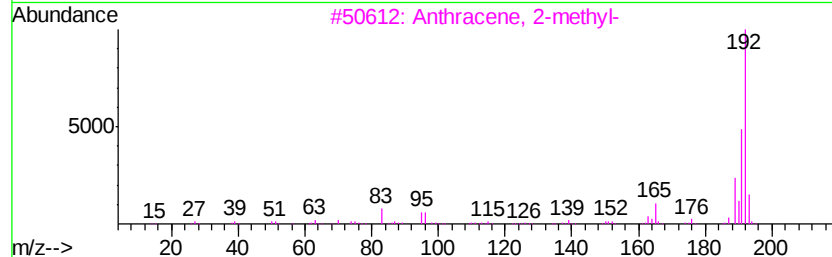
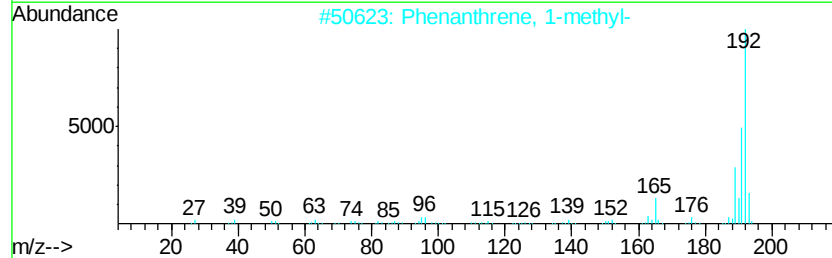
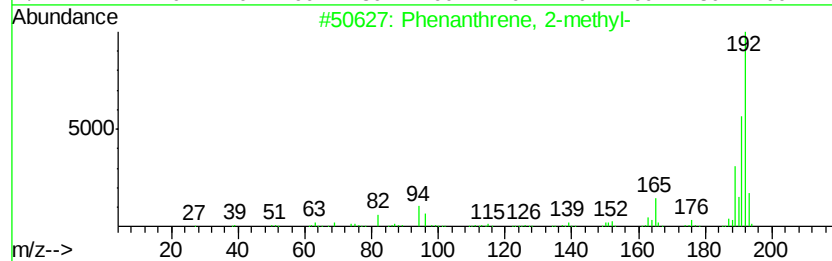
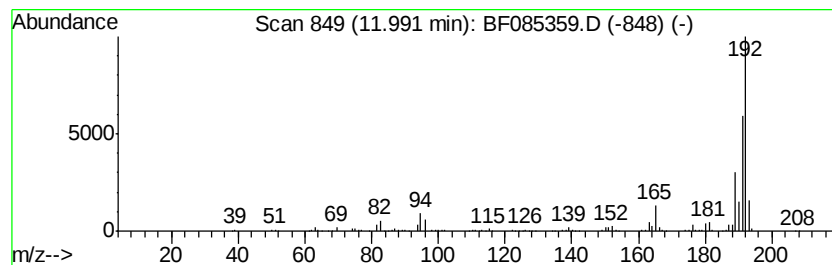
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.97 ng	487756	Phenanthrene-d10	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

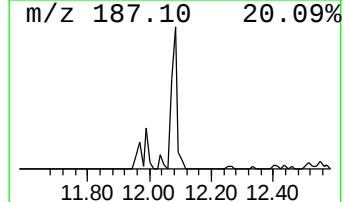
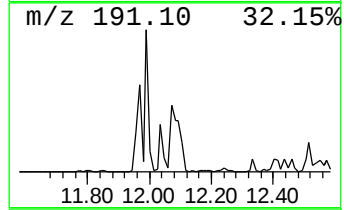
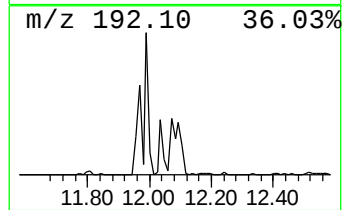
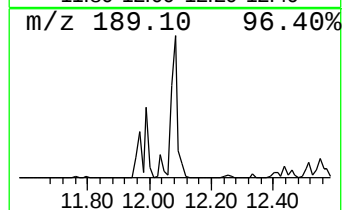
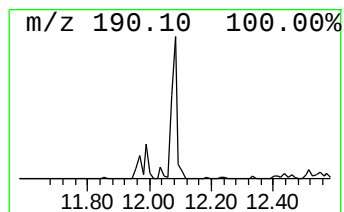
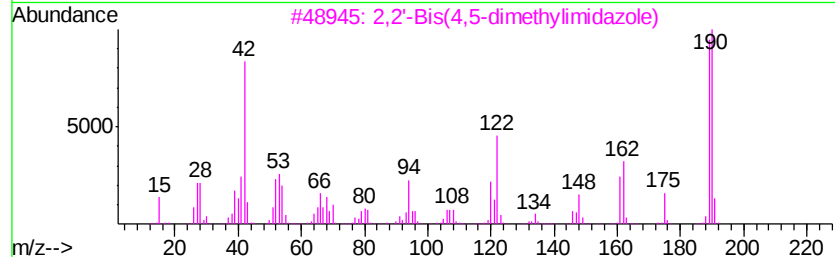
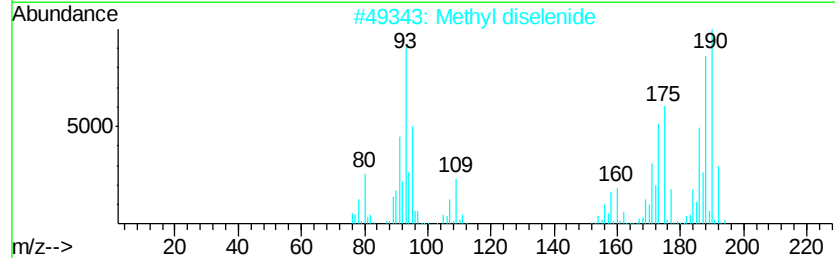
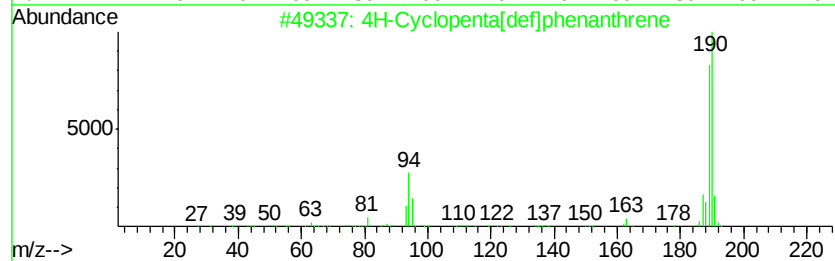
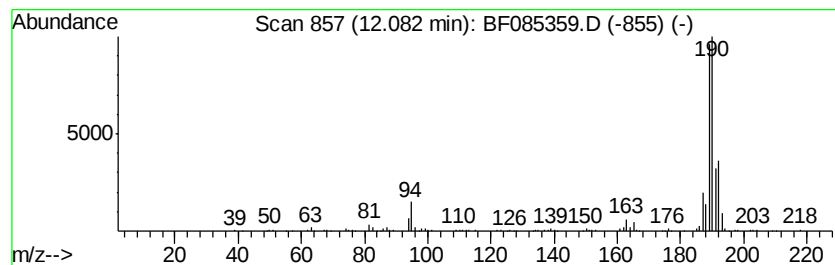
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	15.36 ng	835147	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		Methyl diselenide	190	C2H6Se2	007101-31-7	49
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

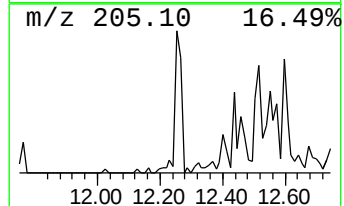
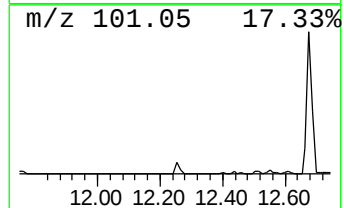
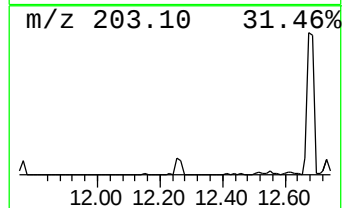
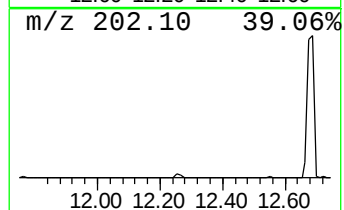
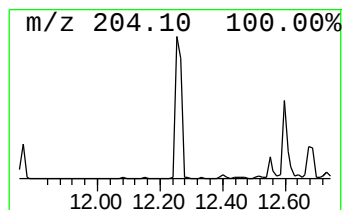
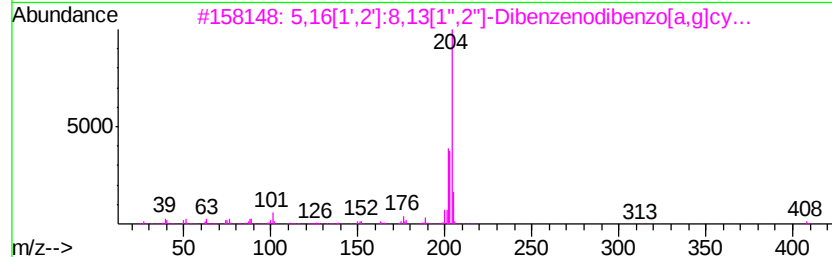
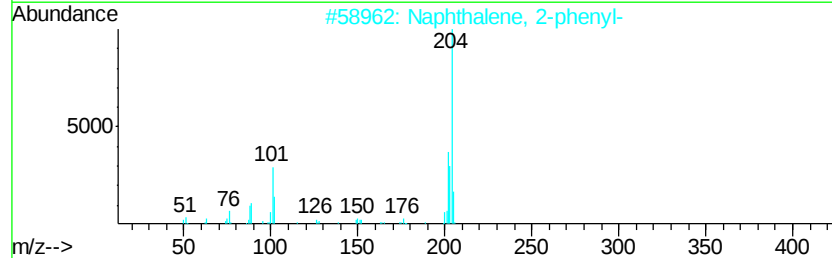
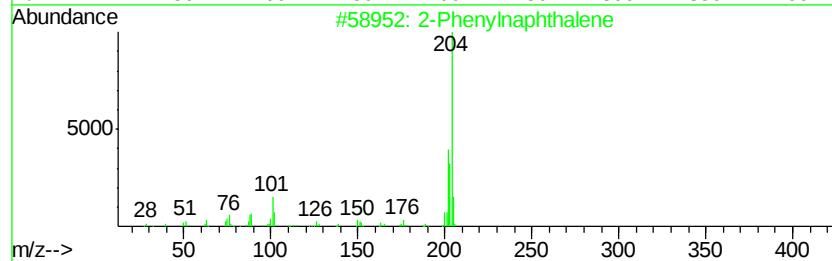
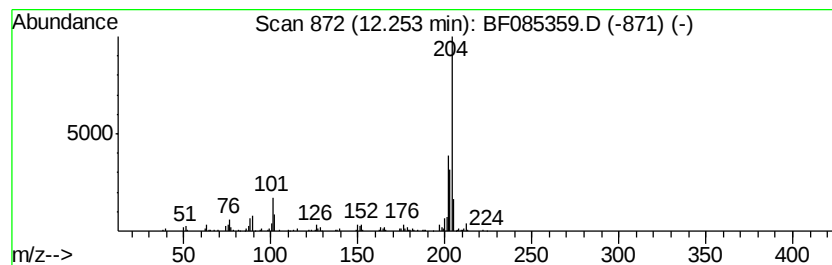
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Phenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	8.14 ng	442680	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

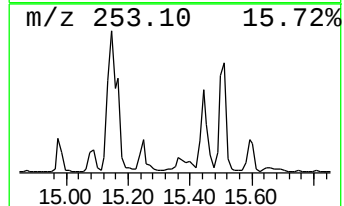
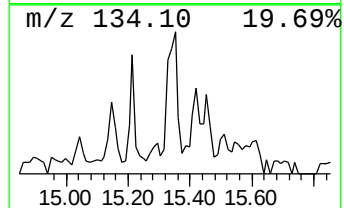
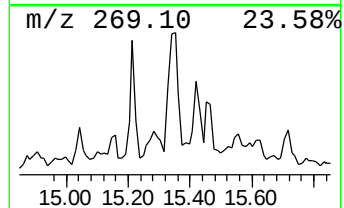
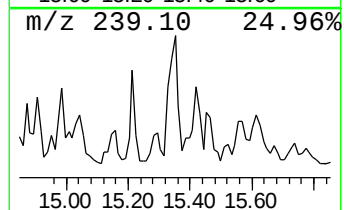
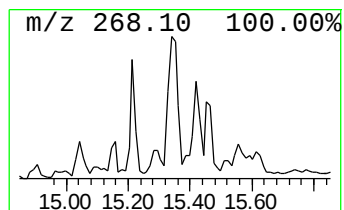
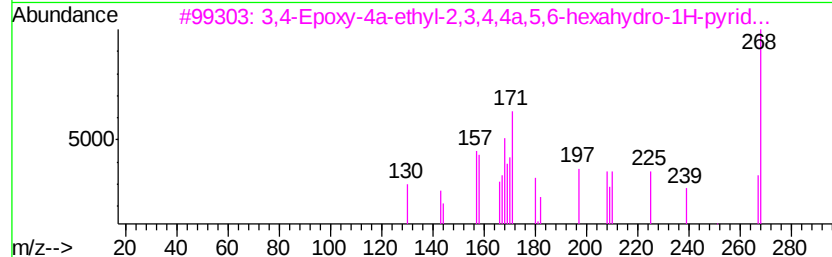
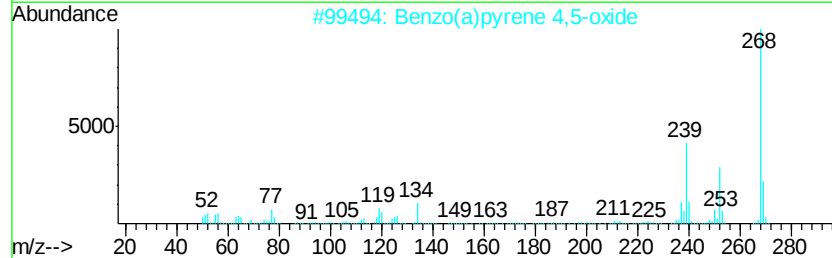
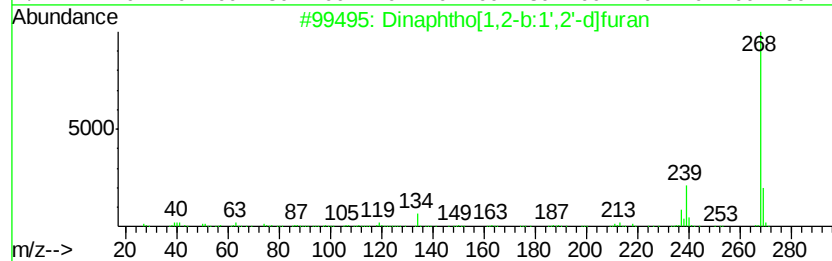
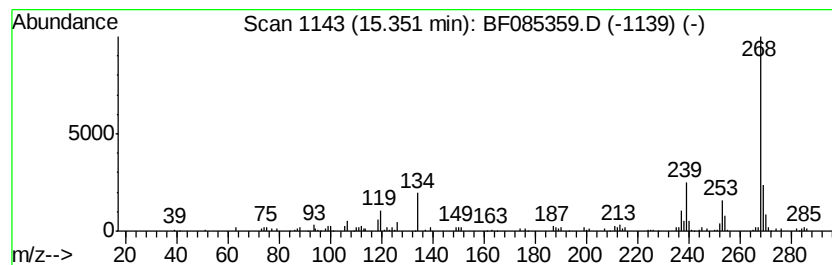
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	5.03 ng	185426	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
3		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	55
4		Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	53
5		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

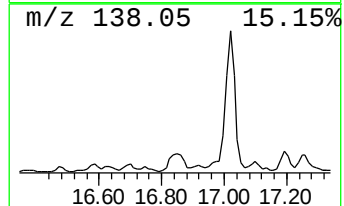
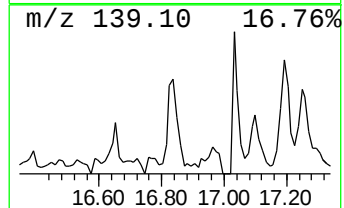
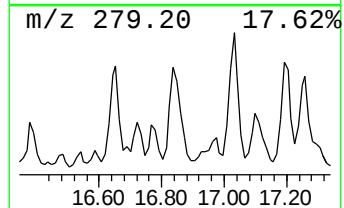
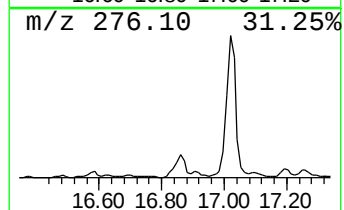
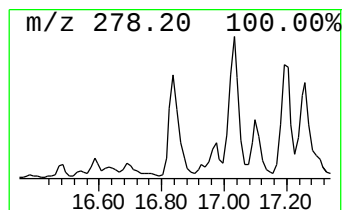
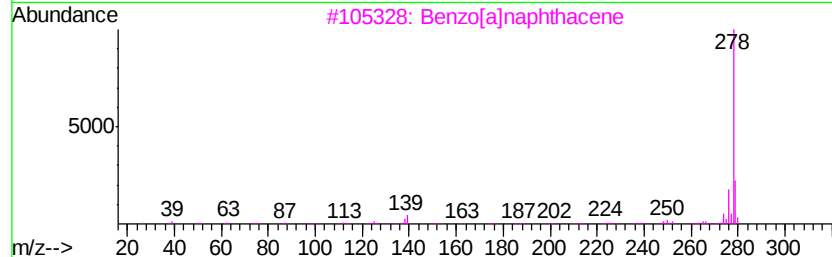
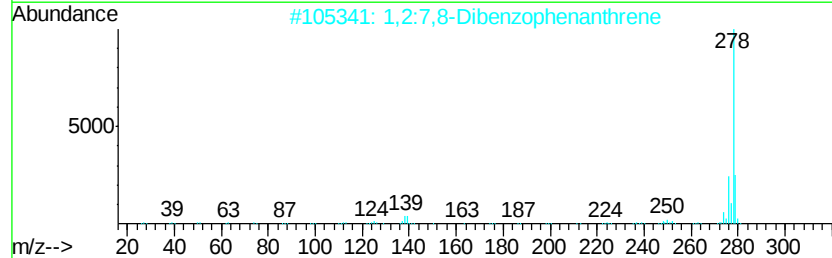
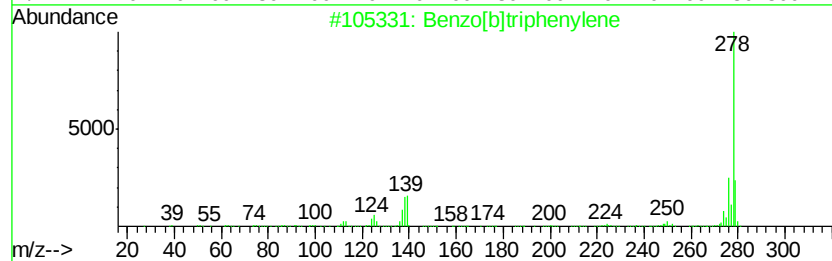
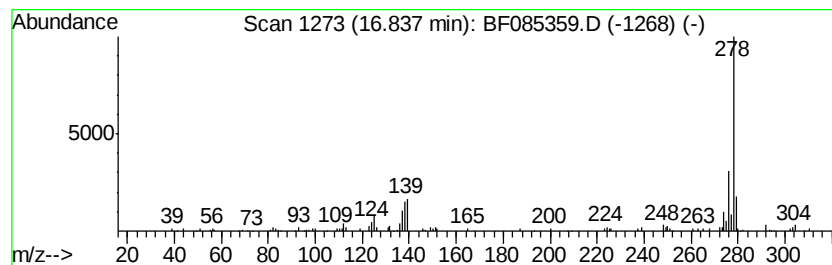
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	9.77 ng	360290	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	76
4		Benzo[b]chrysene	278	C22H14	000214-17-5	76
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	68



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

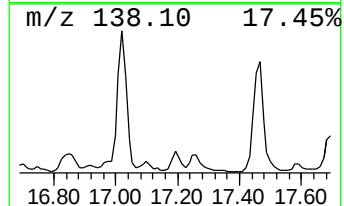
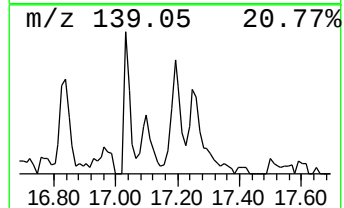
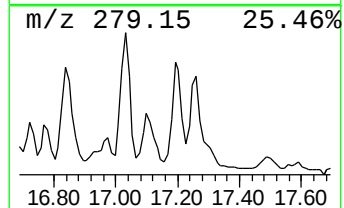
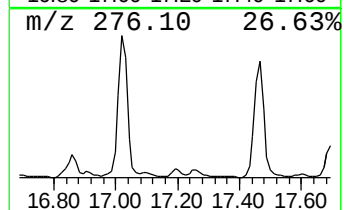
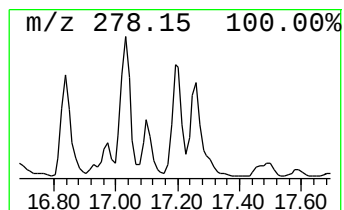
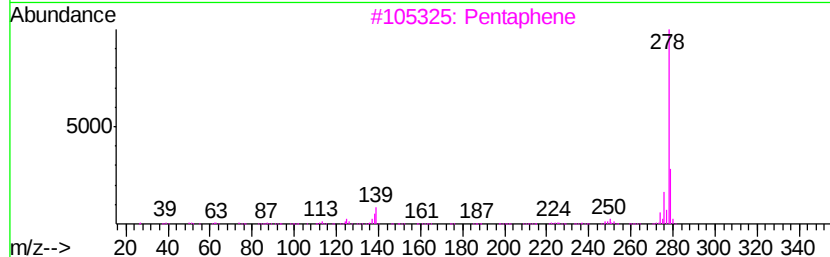
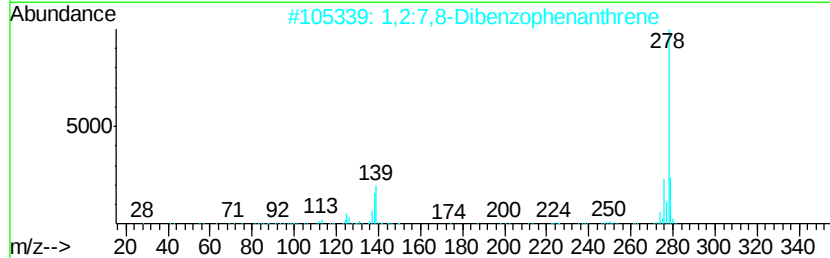
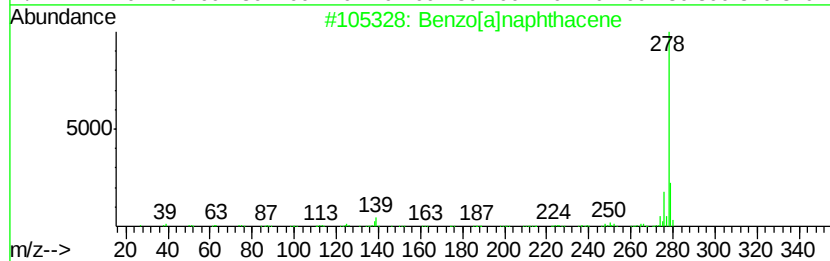
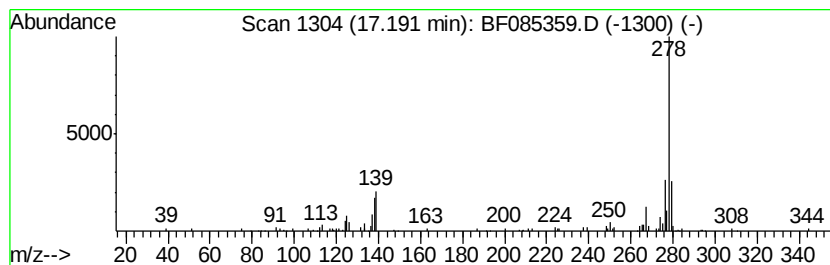
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[a]naphthacene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	5.58 ng	205801	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]naphthacene	278	C22H14	000226-88-0	98
2			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3			Pentaphene	278	C22H14	000222-93-5	97
4			Benzo[b]chrysene	278	C22H14	000214-17-5	97
5			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

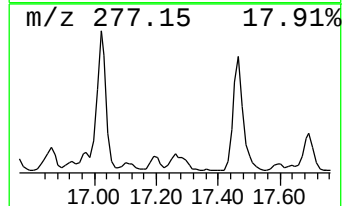
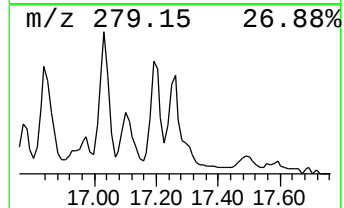
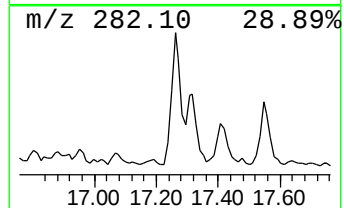
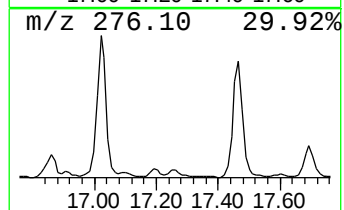
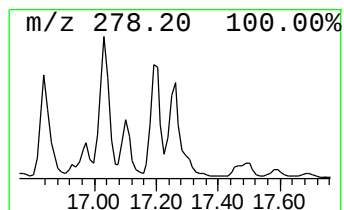
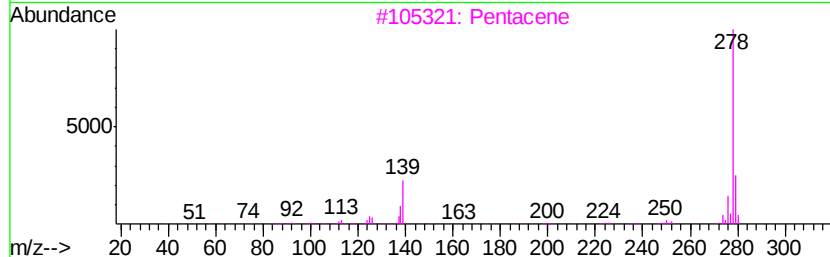
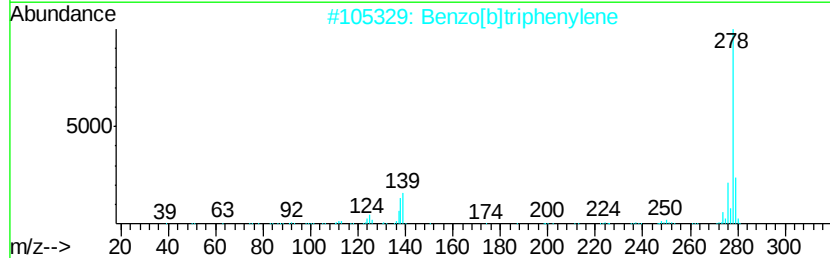
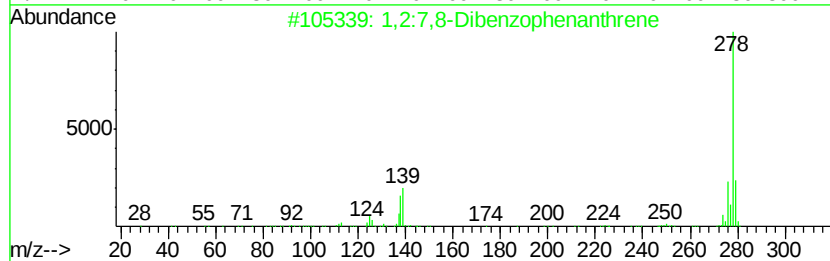
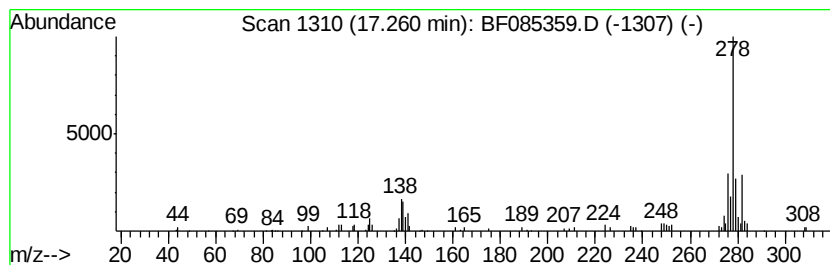
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	5.12 ng	188716	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	92
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3		Pentacene	278	C22H14	000135-48-8	83
4		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	70
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

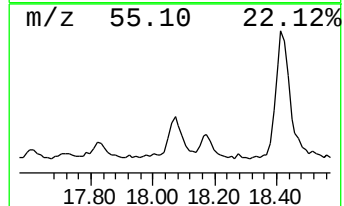
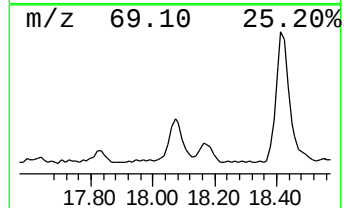
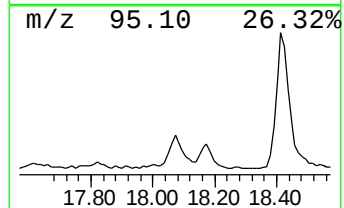
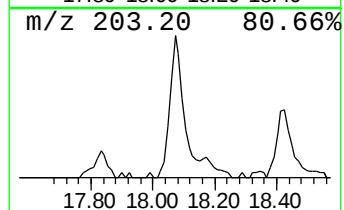
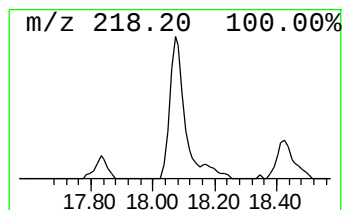
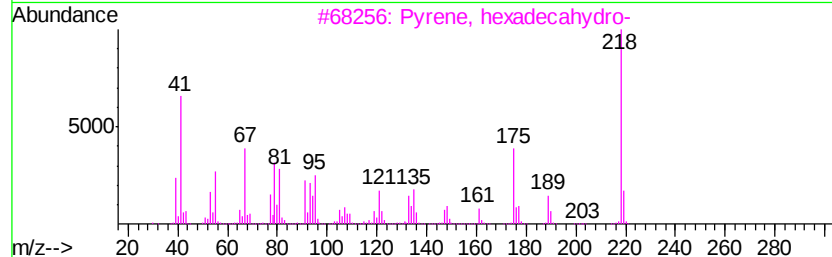
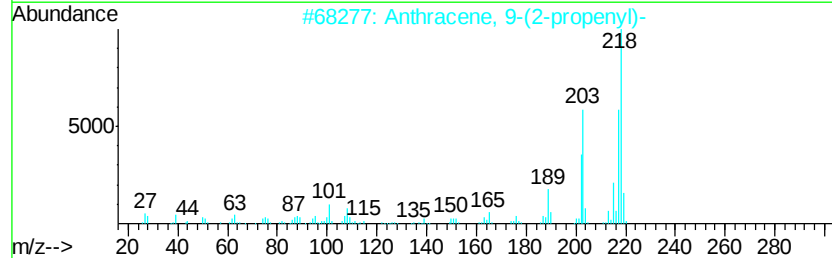
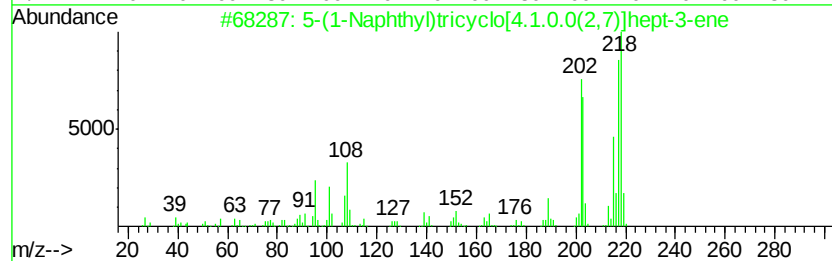
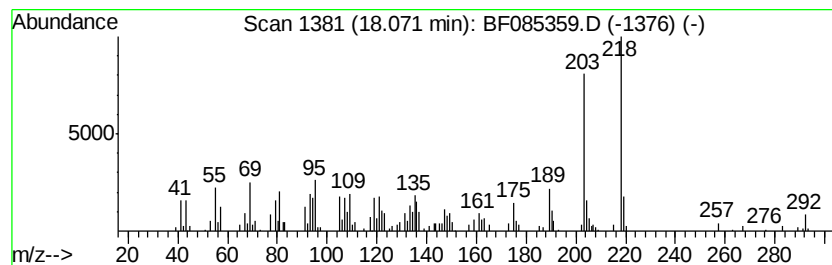
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	8.67 ng	319940	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(1-Naphthyl)tricyclo[4.1.0.0(2...]	218	C17H14	107729-05-5	87
2		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	81
3		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	64
4		2H-1-Benzopyran-2-one, 6-acetyl-...	260	C14H12O5	129812-31-3	59
5		2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	58



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

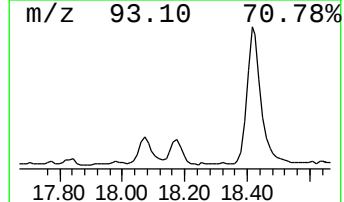
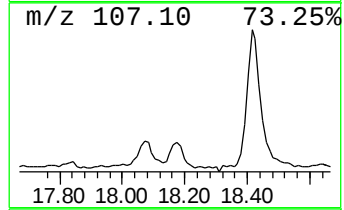
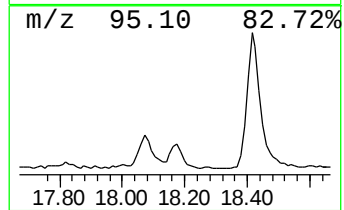
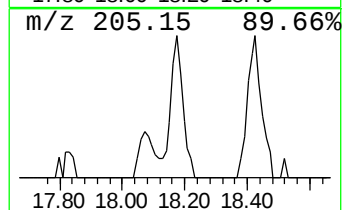
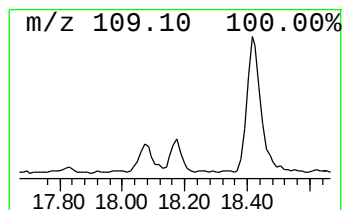
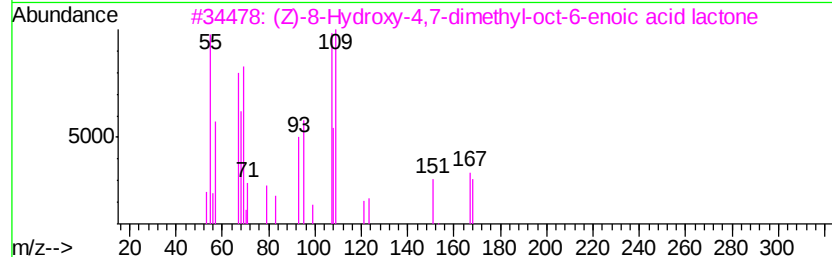
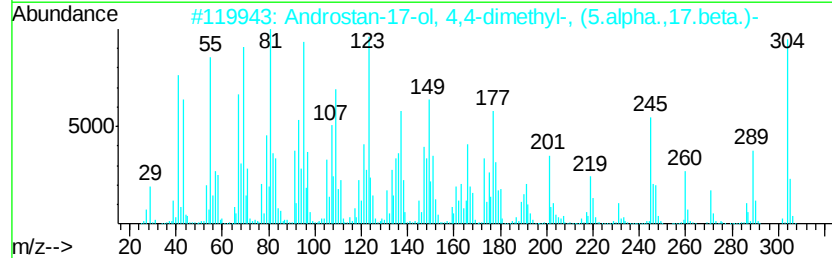
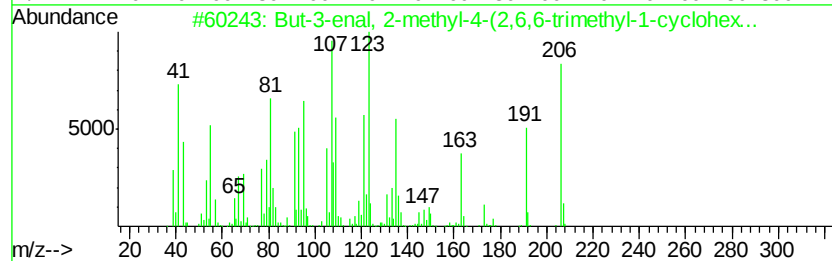
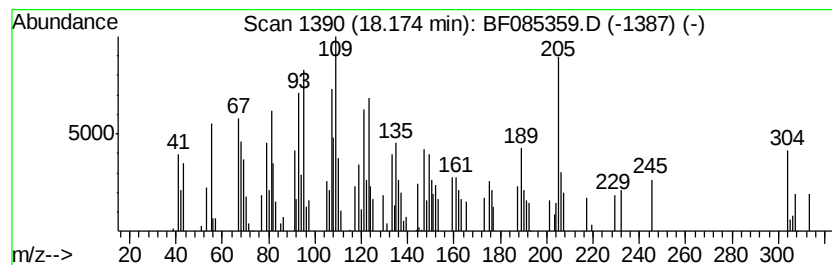
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown18.17 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	6.36 ng	234741	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	38
2			Androstan-17-ol, 4,4-dimethyl-, ...	304	C21H36O	006561-00-8	27
3			(Z)-8-Hydroxy-4,7-dimethyl-oct-6...	168	C10H16O2	106542-12-5	22
4			Caryophyllene-(I3)	204	C15H24	136296-37-2	20
5			1-[3-Aminopropyl]-2[1H]-pyridone	152	C8H12N2O	102675-58-1	15



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

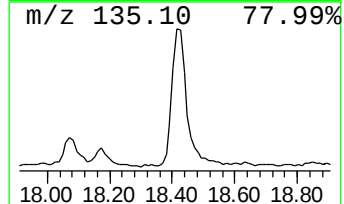
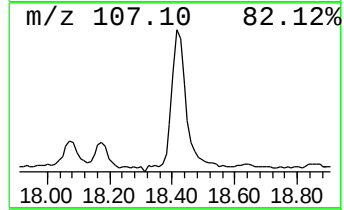
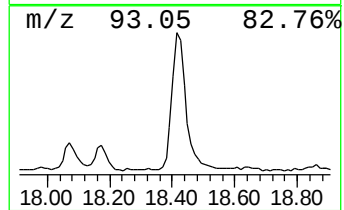
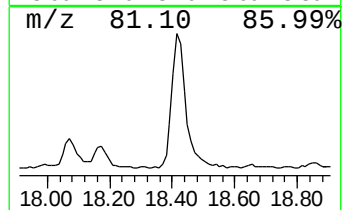
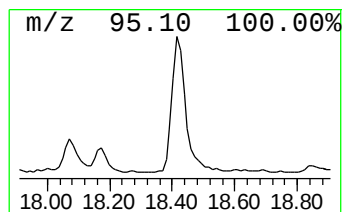
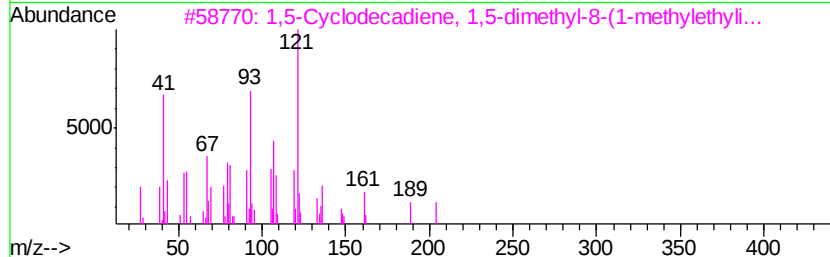
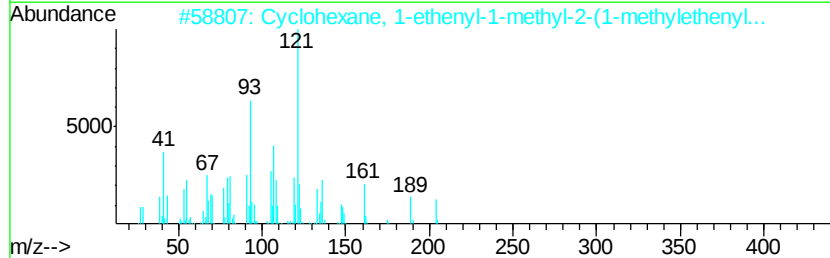
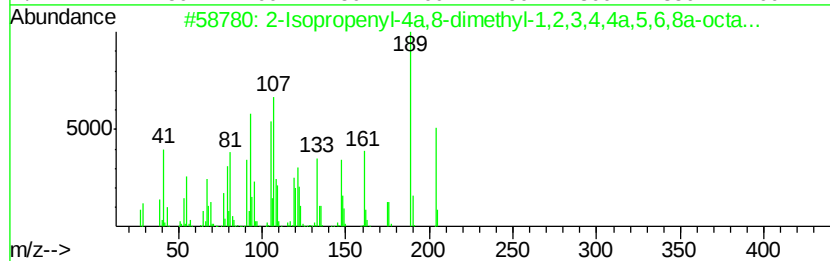
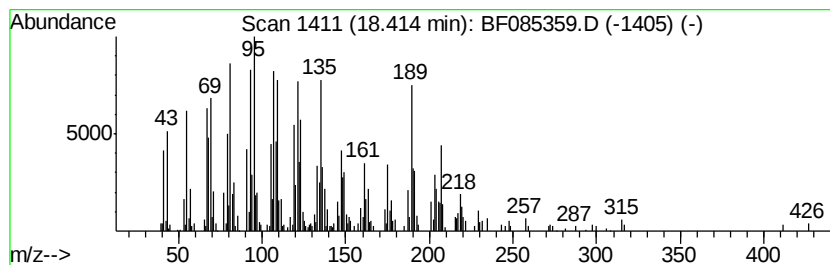
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	30.70 ng	1132640	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	80
2		Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	45
3		1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	44
4		4,8-Methanoazulen-9-ol, decahydr...	222	C15H26O	004586-22-5	43
5		.gamma.-Elemene	204	C15H24	030824-67-0	43



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085359.D
Acq On : 11 Mar 2016 3:39
Operator : UM/SJ
Sample : H1721-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

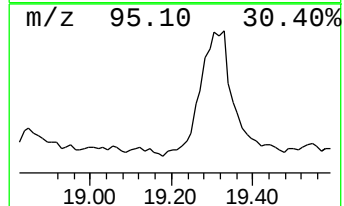
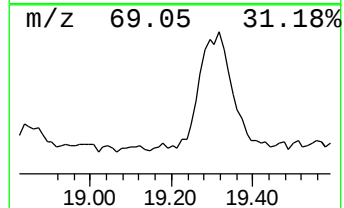
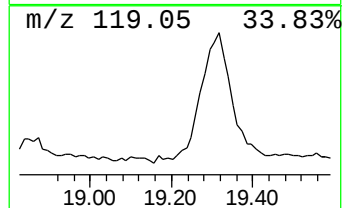
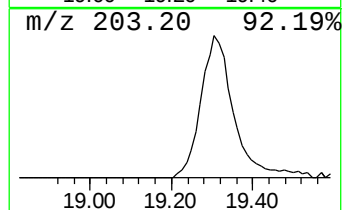
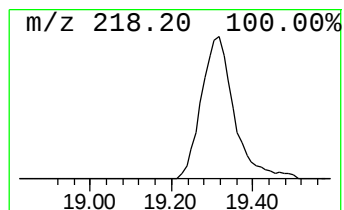
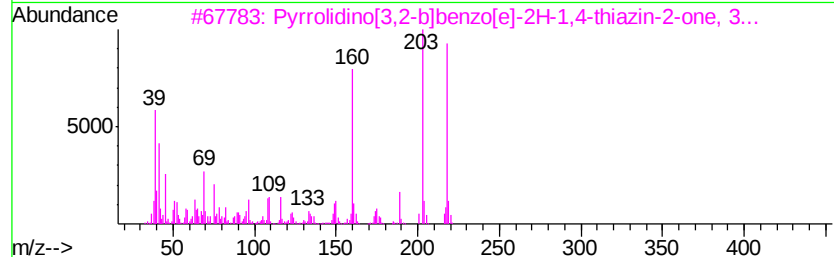
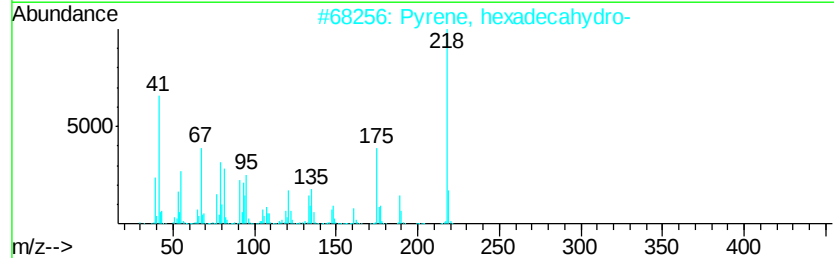
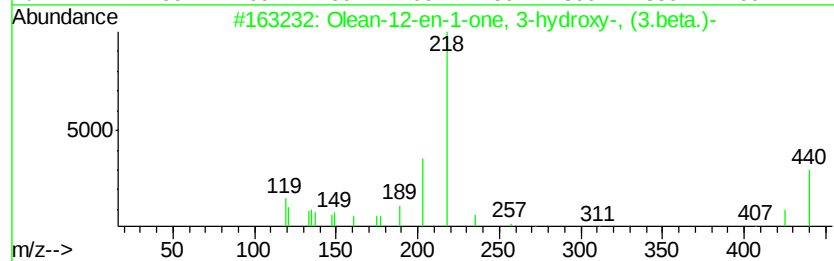
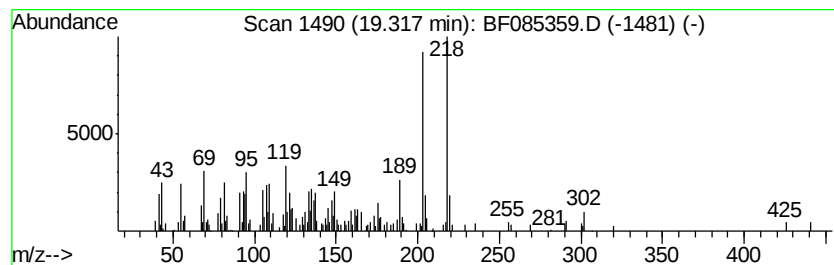
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Olean-12-en-1-one, 3-hydrox... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	18.85 ng	695545	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Olean-12-en-1-one, 3-hydroxy-, (...)	440	C30H48O2	066088-17-3	68
2		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	60
3		Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	49
4		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	43
5		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	43



Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
 Data File : BF085359.D
 Acq On : 11 Mar 2016 3:39
 Operator : UM/SJ
 Sample : H1721-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.14	8.1 ng		303879	1	6.94	752912	20.0
unknown6.71	6.71	97.8 ng		3681040	1	6.94	752912	20.0
Tridecane	10.88	4.9 ng		265882	4	11.46	1087780	20.0
Phenanthrene, 2-m...	11.97	7.6 ng		412901	4	11.46	1087780	20.0
Phenanthrene, 1-m...	11.99	9.0 ng		487756	4	11.46	1087780	20.0
4H-Cyclopenta[def...	12.08	15.4 ng		835147	4	11.46	1087780	20.0
2-Phenylnaphthalene	12.25	8.1 ng		442680	4	11.46	1087780	20.0
Dinaphtho[1,2-b:1...	15.35	5.0 ng		185426	6	15.57	737862	20.0
Benzo[b]triphenylene	16.84	9.8 ng		360290	6	15.57	737862	20.0
Benzo[a]naphthacene	17.19	5.6 ng		205801	6	15.57	737862	20.0
1,2:7,8-Dibenzoph...	17.26	5.1 ng		188716	6	15.57	737862	20.0
5-(1-Naphthyl)tri...	18.07	8.7 ng		319940	6	15.57	737862	20.0
unknown18.17	18.17	6.4 ng		234741	6	15.57	737862	20.0
2-Isopropenyl-4a,...	18.41	30.7 ng		1132640	6	15.57	737862	20.0
Olean-12-en-1-one...	19.32	18.9 ng		695545	6	15.57	737862	20.0