

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093226.D
 Acq On : 28 Feb 2017 1:14
 Operator : SJ/MA
 Sample : I1997-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W4-WSW

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-BF013017.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	4.979	250	253	262	rBV	1098764	1508593	12.97%	0.865%
2	5.424	289	292	294	rBV	3259179	3672002	31.57%	2.105%
3	6.476	381	384	386	rBV	3285813	3893217	33.47%	2.231%
4	6.590	392	394	397	rBV	3462778	3249184	27.93%	1.862%
5	6.819	412	414	416	rBV	1210085	1007215	8.66%	0.577%
6	6.979	426	428	430	rVB	2892098	2857091	24.56%	1.638%
7	7.390	461	464	466	rBV	2462970	2286508	19.66%	1.310%
8	8.099	524	526	531	rVB2	897748	1747297	15.02%	1.001%
9	8.819	586	589	591	rBV	327934	306439	2.63%	0.176%
10	8.911	595	597	600	rVB	344131	355227	3.05%	0.204%
11	9.185	618	621	623	rVB	3456789	3745599	32.20%	2.147%
12	9.448	641	644	646	rBV	206750	330692	2.84%	0.190%
13	9.516	648	650	651	rBV	502370	480436	4.13%	0.275%
14	9.573	654	655	657	rVB	708533	854236	7.34%	0.490%
15	9.631	657	660	665	rVB2	253275	350161	3.01%	0.201%
16	9.722	665	668	670	rBV	521738	624009	5.36%	0.358%
17	9.859	675	680	681	rBV	1337297	1455646	12.51%	0.834%
18	9.893	681	683	685	rVV	1636876	1668597	14.35%	0.956%
19	10.008	691	693	696	rBV2	158646	275701	2.37%	0.158%
20	10.065	696	698	700	rBV	799718	900260	7.74%	0.516%
21	10.168	706	707	709	rBV	193218	287128	2.47%	0.165%
22	10.282	713	717	719	rBV2	244565	507419	4.36%	0.291%
23	10.408	726	728	730	rVB	1375313	1506618	12.95%	0.863%
24	10.465	730	733	734	rBV	275238	471848	4.06%	0.270%
25	10.488	734	735	736	rVV	308050	263887	2.27%	0.151%
26	10.556	740	741	744	rVB	501918	577059	4.96%	0.331%
27	10.648	744	749	751	rBV	2049226	2286600	19.66%	1.311%
28	10.774	755	760	763	rVB4	324434	531124	4.57%	0.304%
29	10.956	772	776	777	rBV2	411119	779841	6.70%	0.447%
30	11.082	784	787	792	rBV2	476165	1247057	10.72%	0.715%
31	11.151	792	793	795	rVB	649164	627863	5.40%	0.360%
32	11.196	795	797	799	rBV2	529606	782419	6.73%	0.448%
33	11.242	799	801	804	rVB	964269	1049216	9.02%	0.601%
34	11.379	807	813	815	rBV2	5916955	11631743	100.00%	6.667%

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Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.425	815	817	819	rVV	3171027	2921453	25.12%	1.674%
36	11.585	827	831	834	rBV3	826052	1766569	15.19%	1.012%
37	11.642	834	836	838	rBV3	348018	454983	3.91%	0.261%
38	11.676	838	839	841	rVB2	261424	301678	2.59%	0.173%
39	11.848	851	854	855	rBV	1797382	1722861	14.81%	0.987%
40	11.882	855	857	858	rVB	1681436	2101861	18.07%	1.205%
41	11.928	858	861	862	rBV	929683	998994	8.59%	0.573%
42	11.962	862	864	868	rVB2	2591190	4073805	35.02%	2.335%
43	12.054	868	872	873	rBV3	273290	603444	5.19%	0.346%
44	12.145	878	880	881	rVB	1055611	1134272	9.75%	0.650%
45	12.179	881	883	885	rVB	773645	714688	6.14%	0.410%
46	12.294	890	893	894	rBV	354218	568639	4.89%	0.326%
47	12.317	894	895	897	rBV	176372	259285	2.23%	0.149%
48	12.397	900	902	904	rBV	955566	1298251	11.16%	0.744%
49	12.442	904	906	909	rVB3	465029	804322	6.91%	0.461%
50	12.499	909	911	914	rVB2	788689	1048972	9.02%	0.601%
51	12.579	914	918	920	rBV	5867741	10453672	89.87%	5.991%
52	12.625	920	922	924	rVB2	359270	420568	3.62%	0.241%
53	12.717	927	930	931	rBV	816446	1089378	9.37%	0.624%
54	12.808	934	938	940	rBV2	5497369	11182904	96.14%	6.409%
55	12.842	940	941	944	rVB2	883776	781187	6.72%	0.448%
56	12.934	944	949	953	rBV3	2570567	4290715	36.89%	2.459%
57	13.014	953	956	960	rBV3	1003615	2022818	17.39%	1.159%
58	13.117	961	965	967	rVB2	1388628	2707368	23.28%	1.552%
59	13.151	967	968	969	rBV	229778	292553	2.52%	0.168%
60	13.185	969	971	972	rVV	864423	711965	6.12%	0.408%
61	13.220	972	974	978	rVB2	1210028	1888863	16.24%	1.083%
62	13.311	981	982	984	rBV	572145	786878	6.76%	0.451%
63	13.345	984	985	989	rVB2	952217	1094685	9.41%	0.627%
64	13.425	989	992	994	rVB3	191054	420002	3.61%	0.241%
65	13.517	997	1000	1001	rBV3	249458	607470	5.22%	0.348%
66	13.540	1001	1002	1006	rVB3	440135	541641	4.66%	0.310%
67	13.631	1008	1010	1014	rVB	1012250	1022162	8.79%	0.586%
68	13.734	1017	1019	1021	rBV	822999	1655283	14.23%	0.949%
69	13.768	1021	1022	1023	rVV	1039417	876676	7.54%	0.502%
70	13.791	1023	1024	1027	rVV2	1049627	1718629	14.78%	0.985%
71	13.848	1027	1029	1031	rVB	973620	1100030	9.46%	0.630%

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72	13.905	1031	1034	1037	rBV	274308	524010	4.50%	0.300%
73	13.997	1038	1042	1043	rBV	3725957	7876261	67.71%	4.514%
74	14.031	1043	1045	1048	rVV	4110943	5254257	45.17%	3.011%
75	14.100	1049	1051	1053	rVV	1136706	1262682	10.86%	0.724%
76	14.168	1053	1057	1058	rVV3	349465	981152	8.44%	0.562%
77	14.225	1060	1062	1063	rVV2	679083	836109	7.19%	0.479%
78	14.260	1063	1065	1068	rVB2	204030	389889	3.35%	0.223%
79	14.340	1071	1072	1073	rVV	400962	412838	3.55%	0.237%
80	14.374	1073	1075	1077	rVV	876882	1518320	13.05%	0.870%
81	14.477	1080	1084	1085	rVV3	425036	1020248	8.77%	0.585%
82	14.522	1085	1088	1090	rVV2	595459	1256556	10.80%	0.720%
83	14.568	1090	1092	1095	rVB4	380216	608765	5.23%	0.349%
84	14.694	1100	1103	1107	rBV3	386945	840067	7.22%	0.481%
85	14.865	1116	1118	1120	rBV	534919	679932	5.85%	0.390%
86	15.037	1129	1133	1137	rBV	2972569	8003127	68.80%	4.587%
87	15.128	1139	1141	1143	rVV	924616	978804	8.41%	0.561%
88	15.220	1146	1149	1150	rBV2	281716	589231	5.07%	0.338%
89	15.323	1154	1158	1160	rVV	1932799	3603326	30.98%	2.065%
90	15.391	1160	1164	1166	rVV	2600526	4754463	40.87%	2.725%
91	15.437	1166	1168	1169	rVV	472949	800785	6.88%	0.459%
92	15.460	1169	1170	1174	rVV2	1066659	1684371	14.48%	0.965%
93	15.528	1174	1176	1180	rVB3	216580	379249	3.26%	0.217%
94	16.648	1271	1274	1275	rBV2	164353	319878	2.75%	0.183%
95	16.854	1287	1292	1294	rBV	1443545	3110490	26.74%	1.783%
96	16.991	1301	1304	1307	rBV	327893	763546	6.56%	0.438%
97	17.060	1307	1310	1313	rVB2	236479	445532	3.83%	0.255%
98	17.288	1324	1330	1334	rVB	1173694	2993848	25.74%	1.716%
99	17.494	1345	1348	1354	rVB	441133	1026865	8.83%	0.589%
100	19.414	1511	1516	1522	rVB2	300852	1006755	8.66%	0.577%

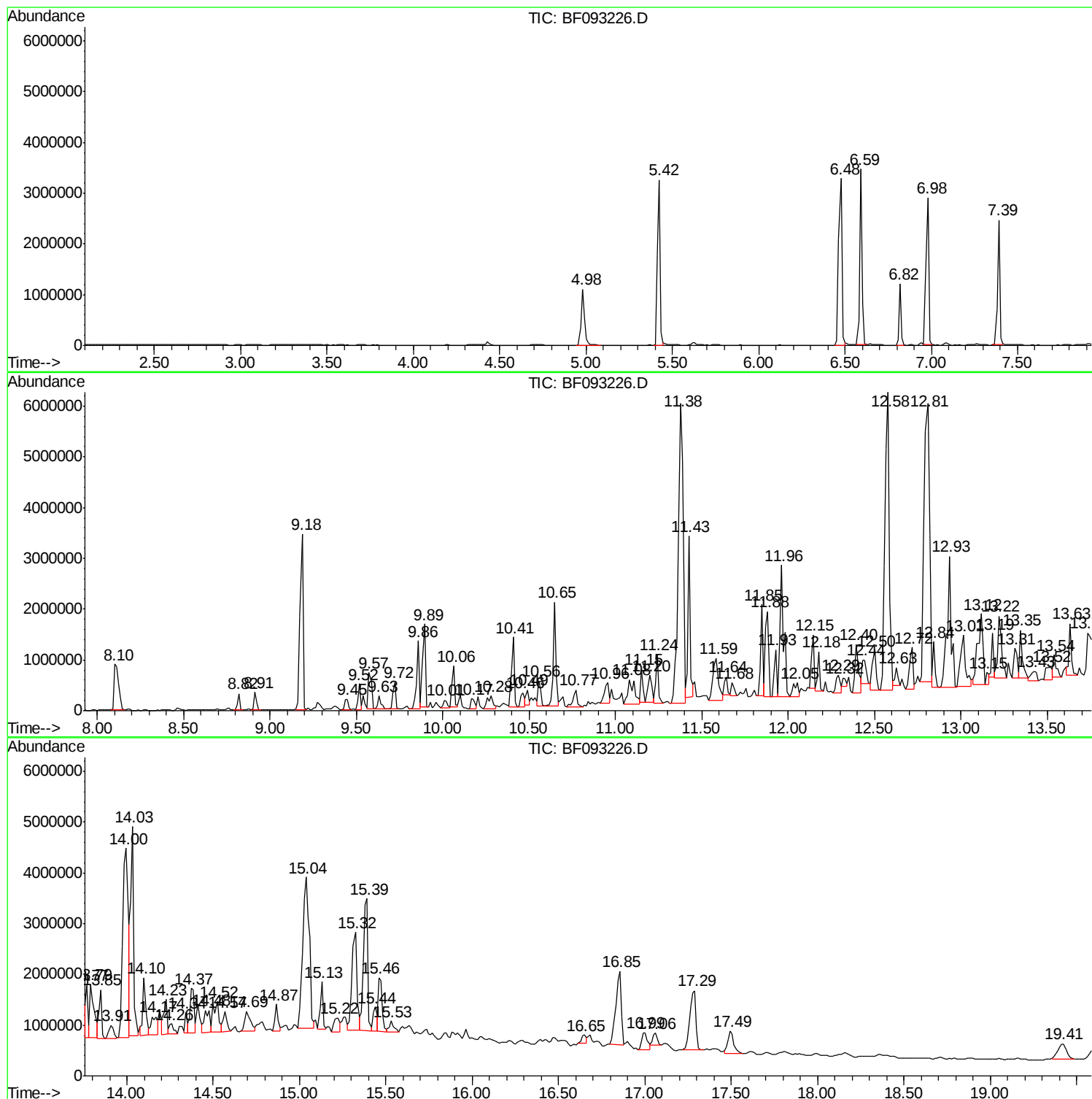
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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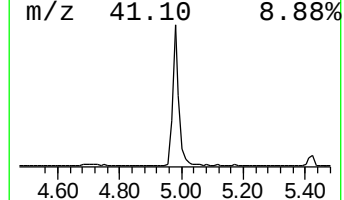
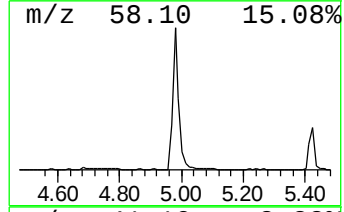
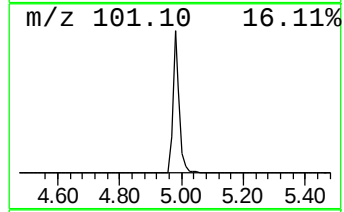
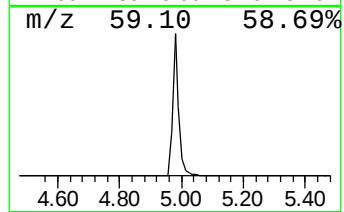
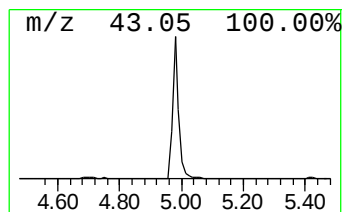
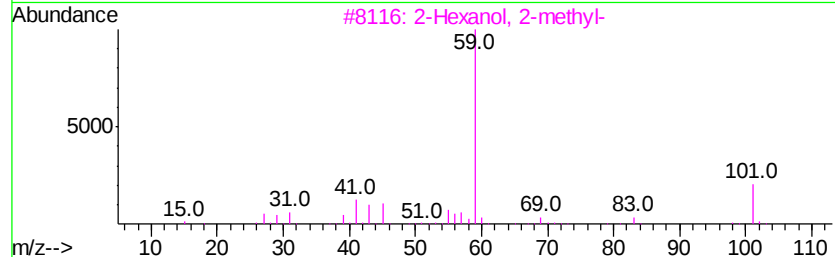
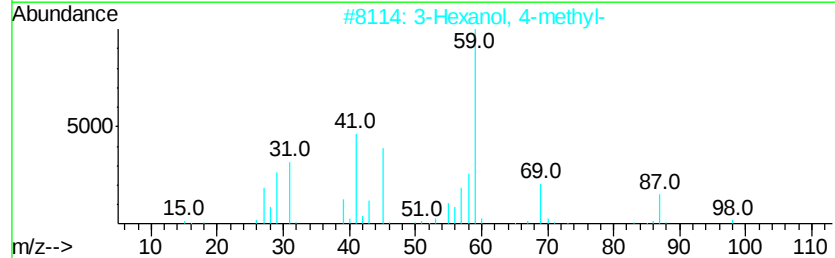
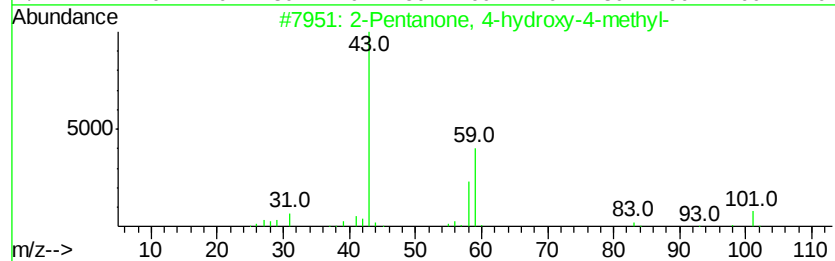
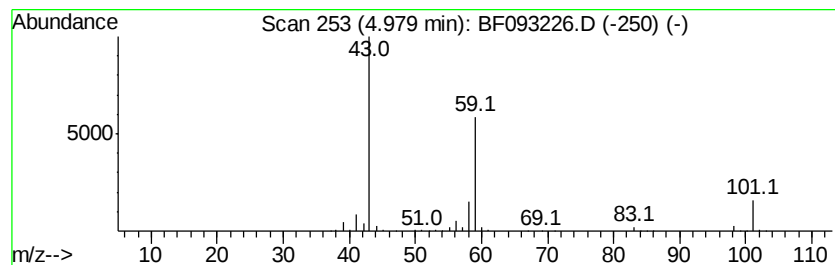
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	29.96 ng	1508590	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	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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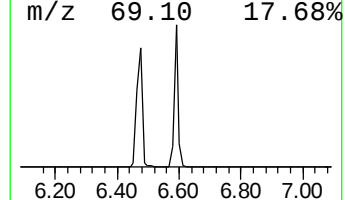
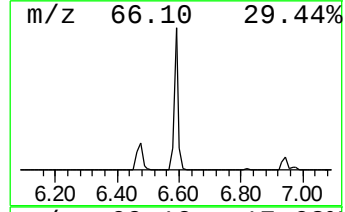
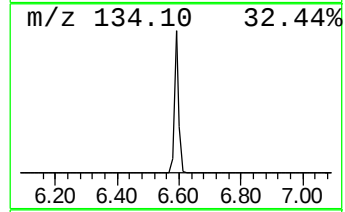
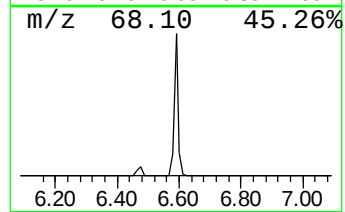
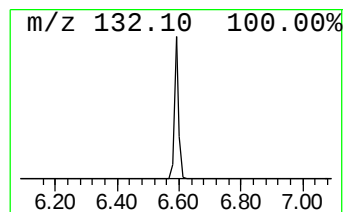
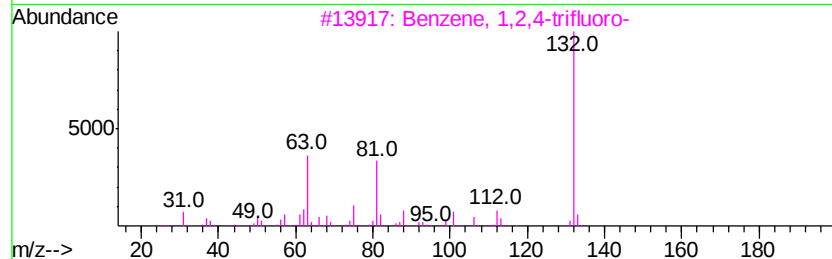
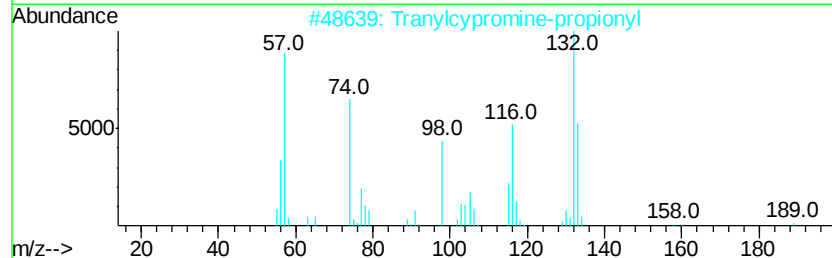
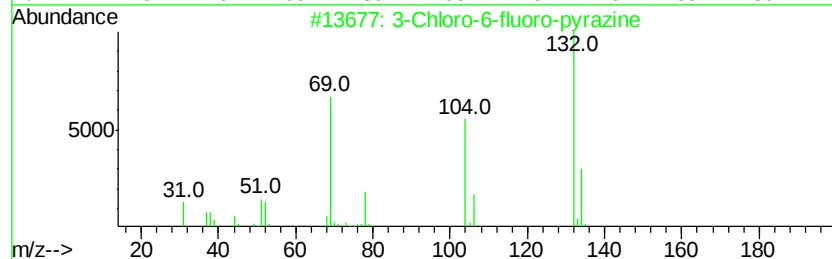
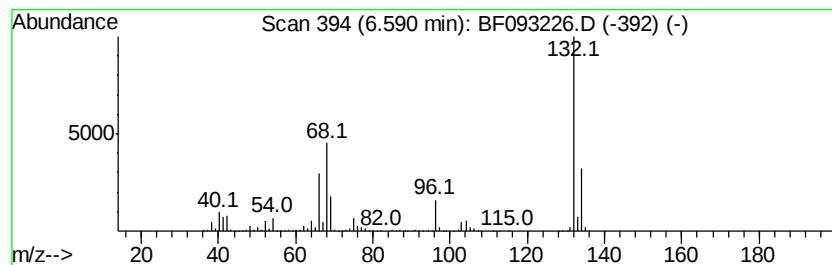
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	64.52 ng	3249180	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	27
2		Tranvlcypropimine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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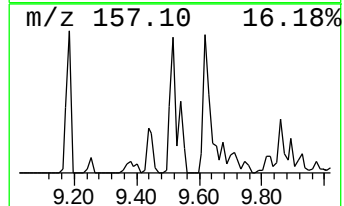
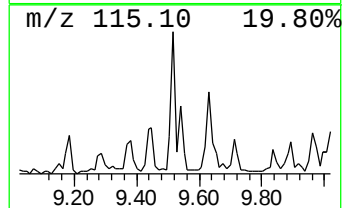
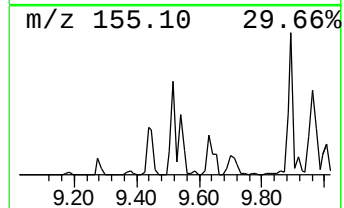
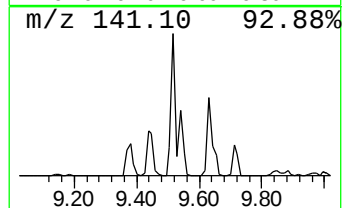
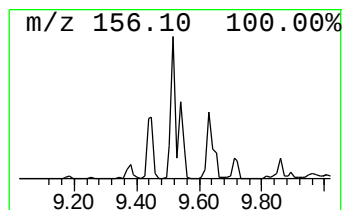
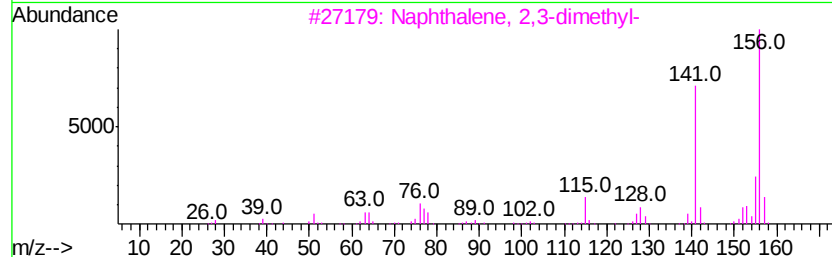
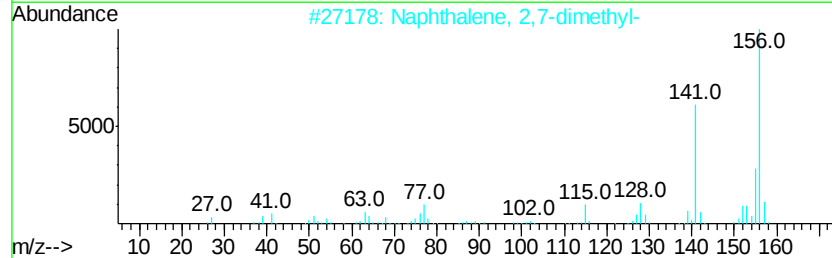
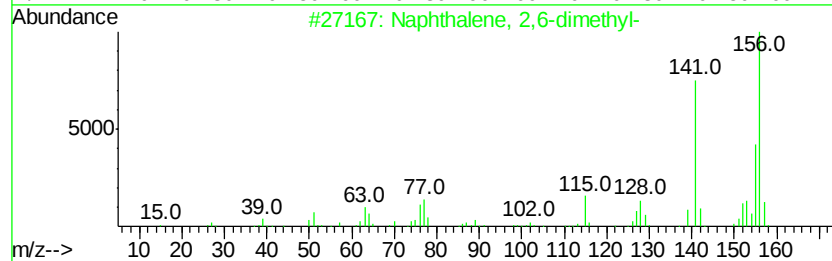
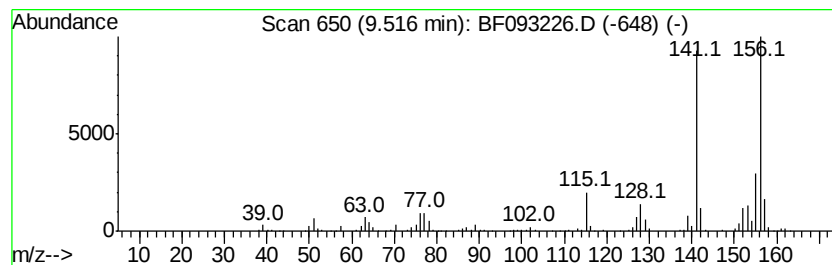
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.60 ng	480436	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
Operator : SJ/MA
Sample : I1997-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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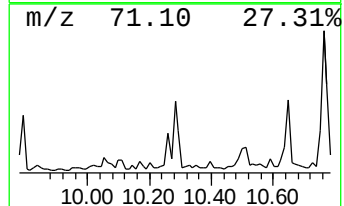
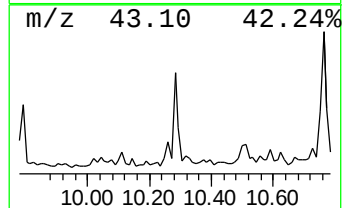
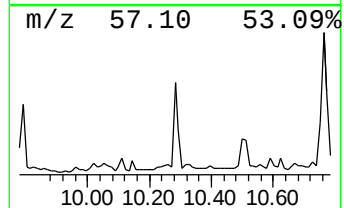
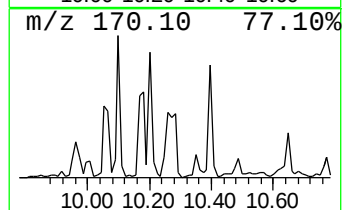
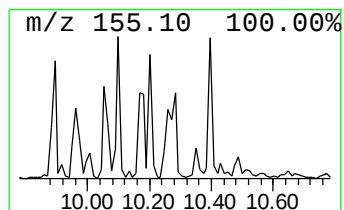
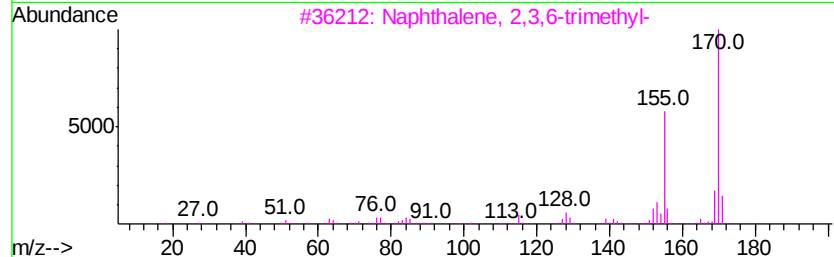
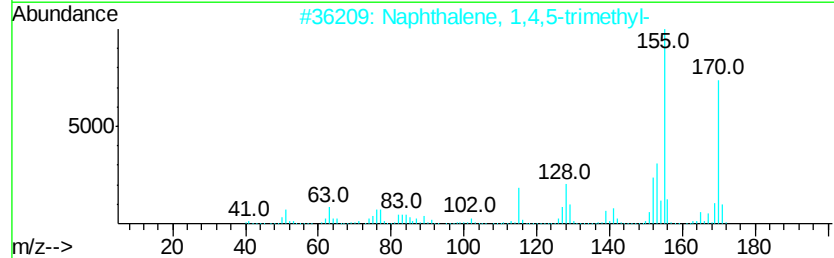
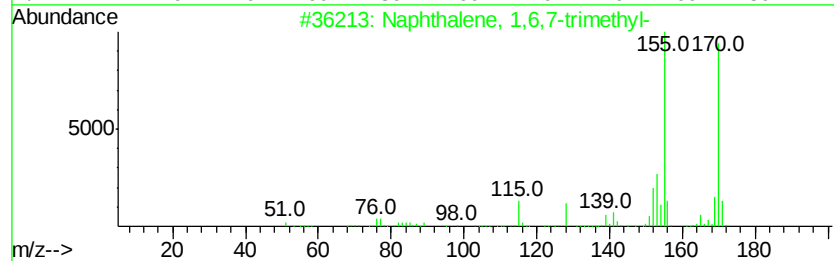
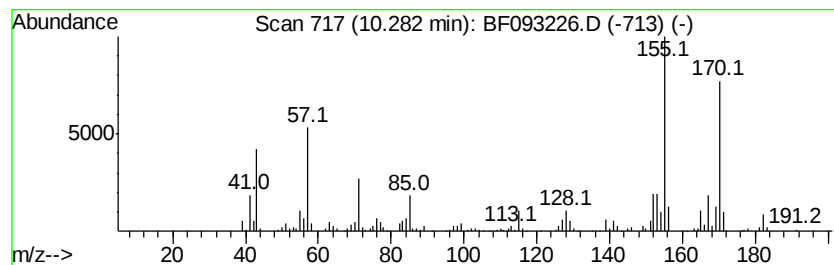
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.97 ng	507419	Acenaphthene-d10	9.86

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	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 28 Feb 2017 1:14
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Misc :
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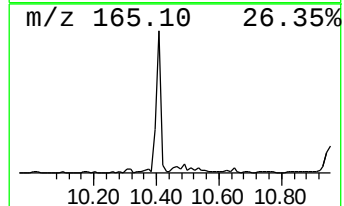
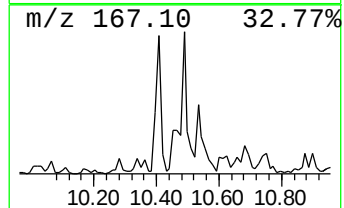
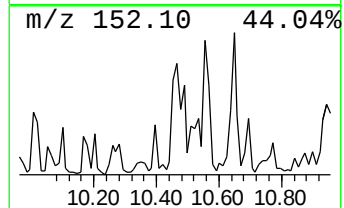
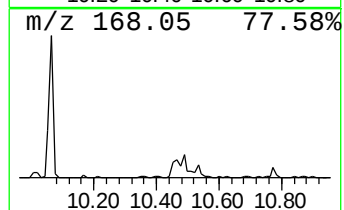
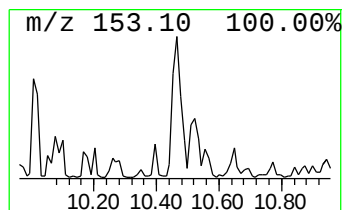
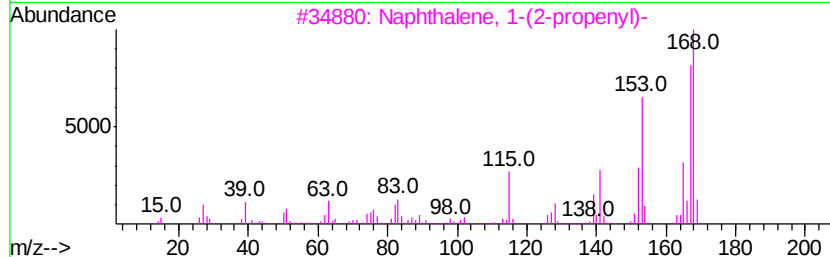
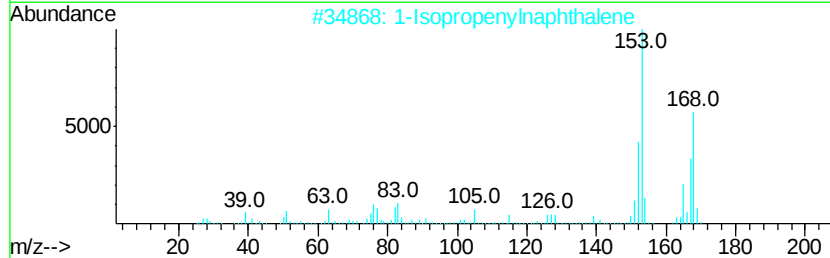
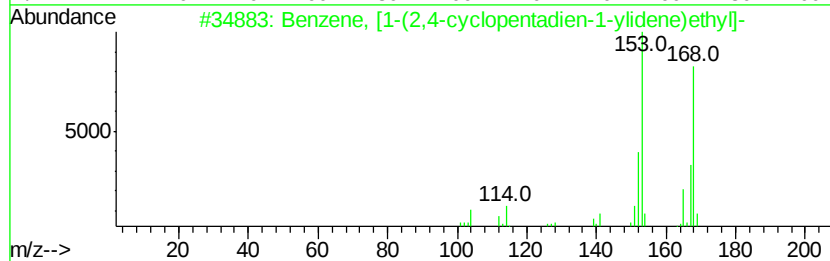
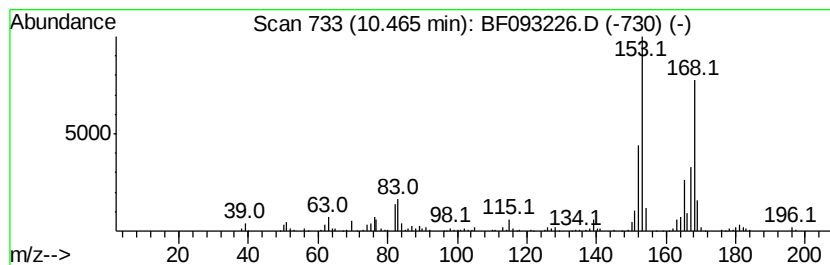
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	6.48 ng	471848	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 90
2		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 72
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 64
4		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 59
5		(1R)-(-)-Thiocamphor	168 C10H16S	053402-10-1 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 28 Feb 2017 1:14
Operator : SJ/MA
Sample : I1997-02
Misc :
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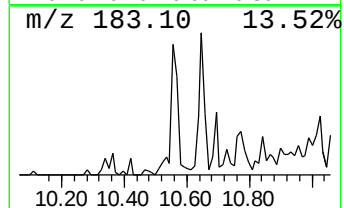
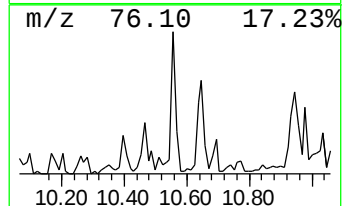
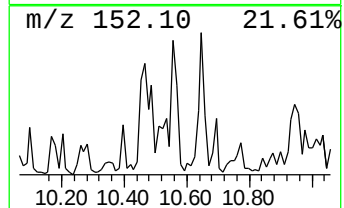
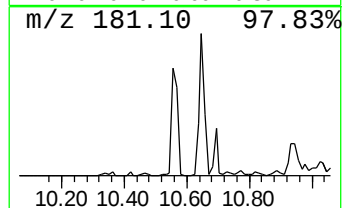
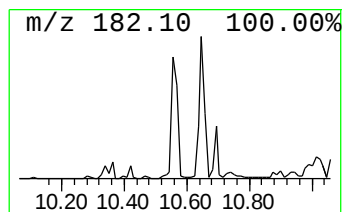
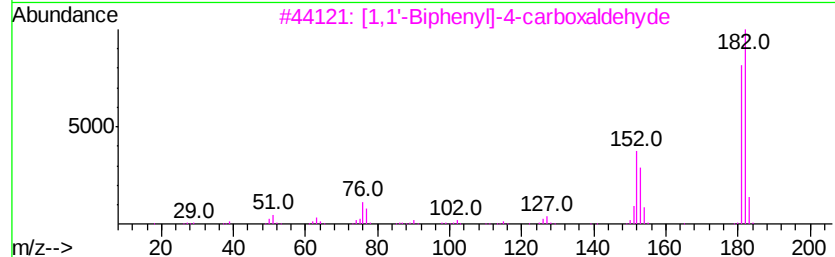
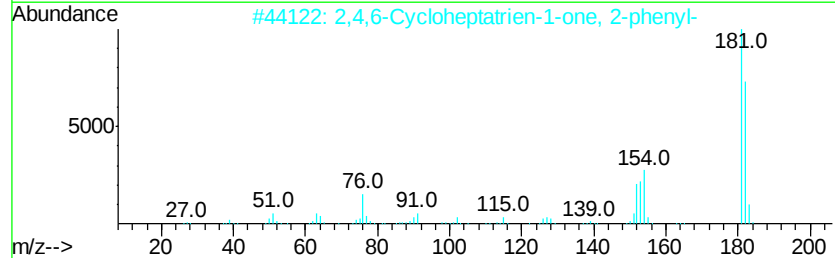
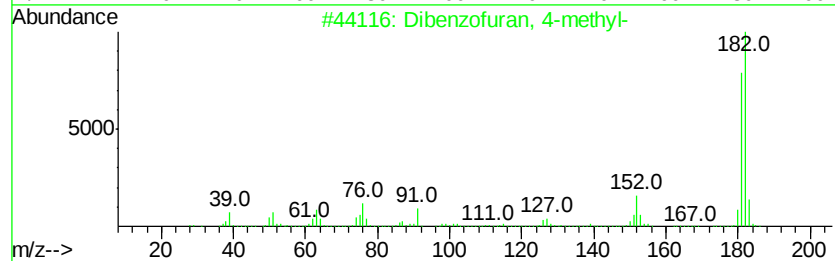
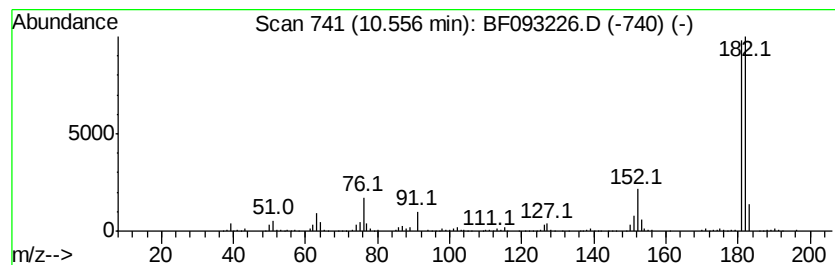
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.93 ng	577059	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 94
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 90
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 83
4		2-Hydroxyfluorene	182 C13H10O	002443-58-5 74
5		9H-Xanthene	182 C13H10O	000092-83-1 72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
E2-W4-WSW

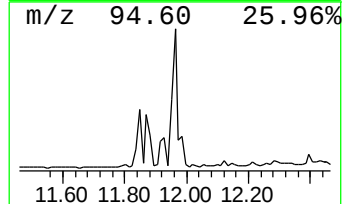
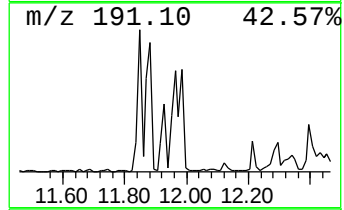
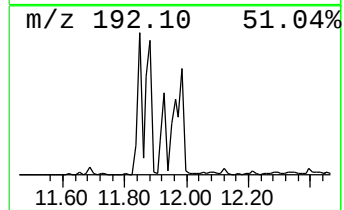
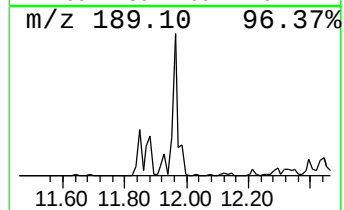
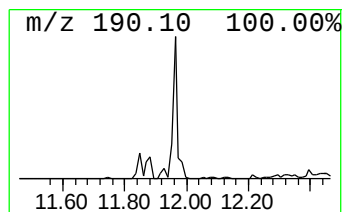
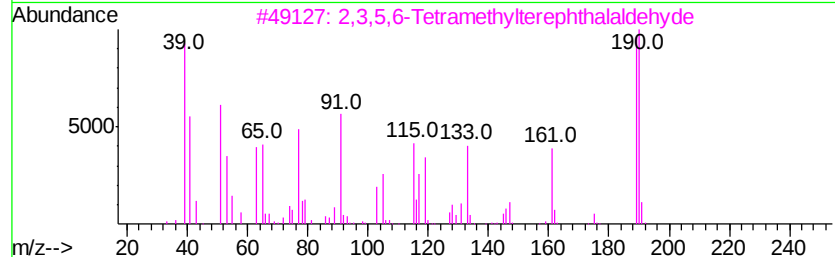
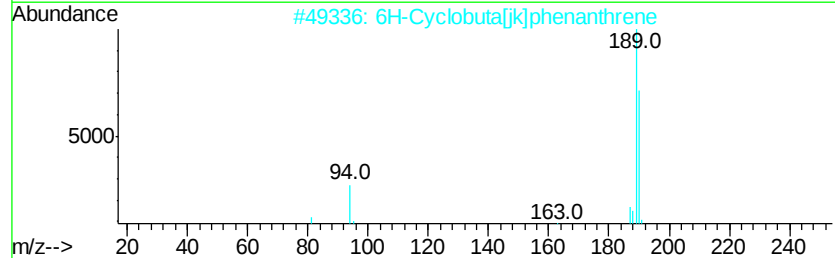
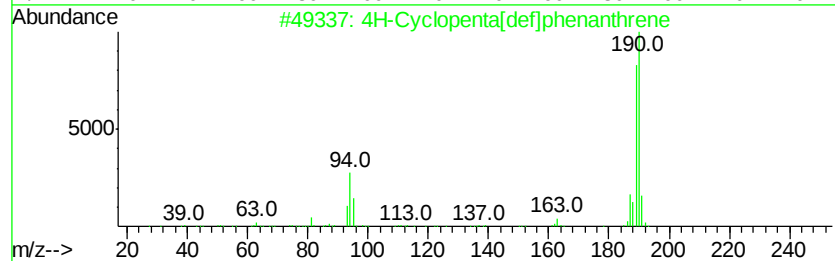
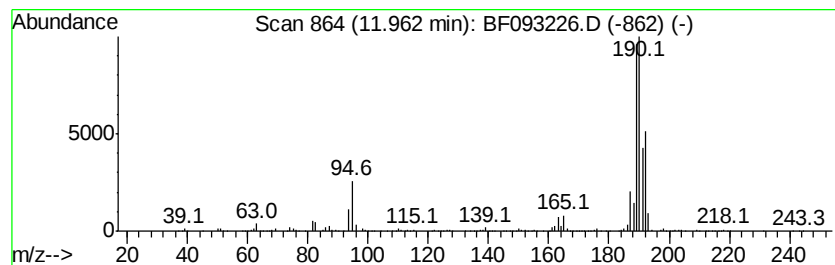
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.00 ng	4073810	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
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Misc :
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Instrument :
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ClientSampleId :
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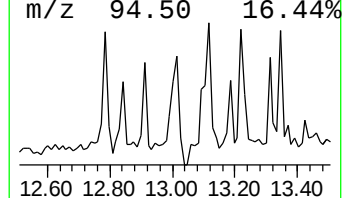
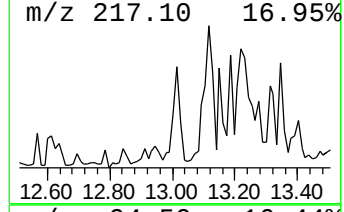
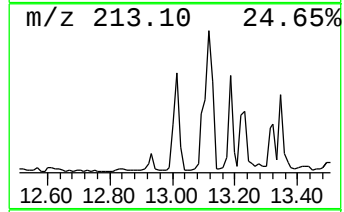
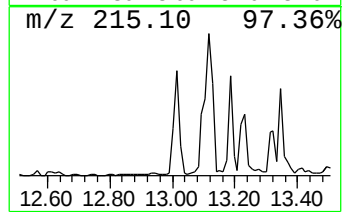
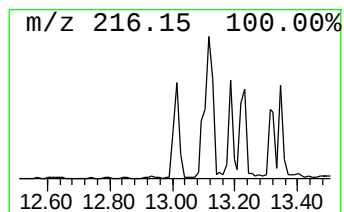
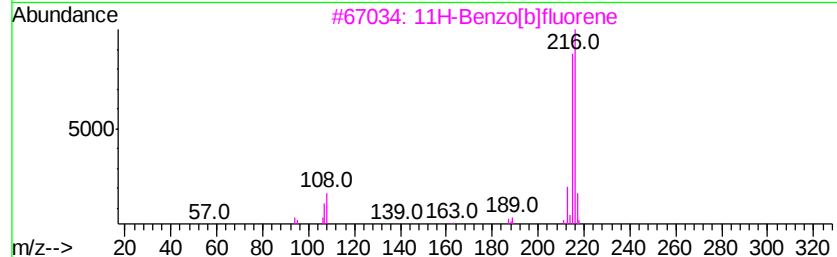
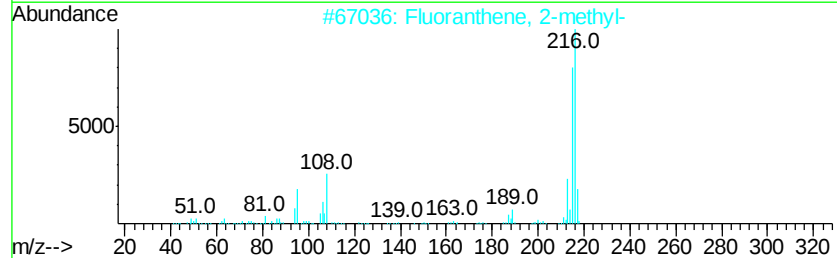
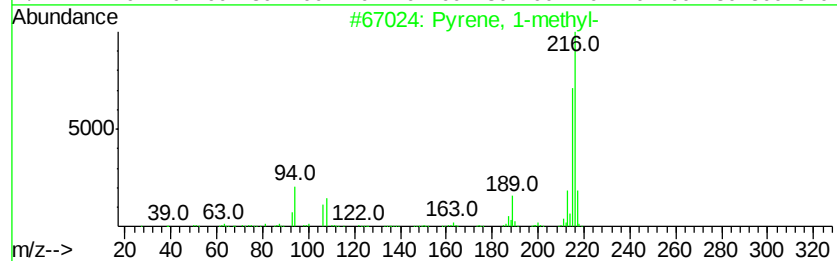
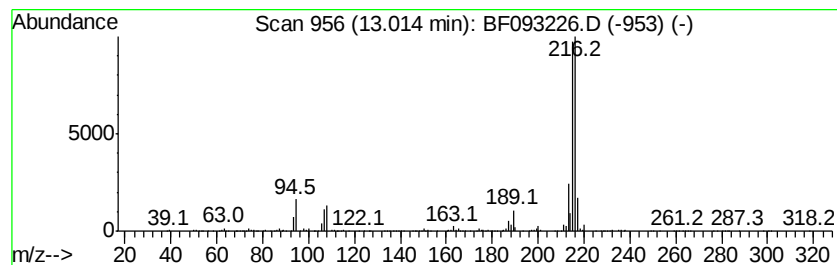
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.14 ng	2022820	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 28 Feb 2017 1:14
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Sample : I1997-02
Misc :
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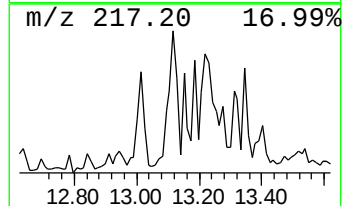
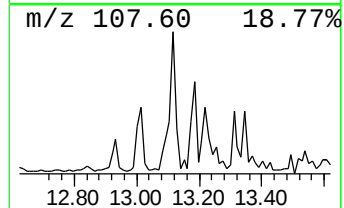
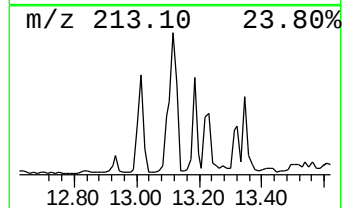
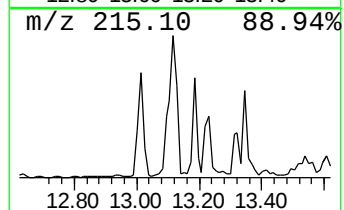
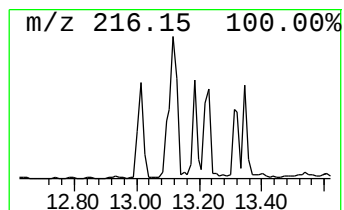
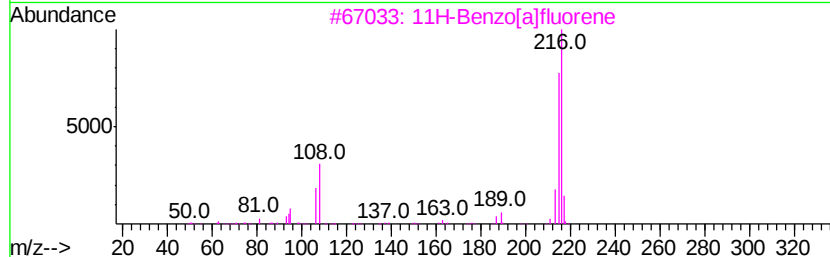
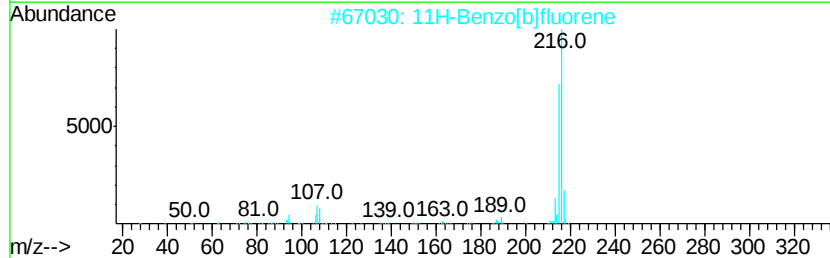
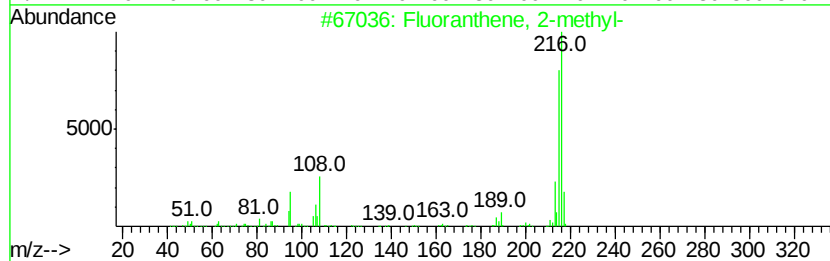
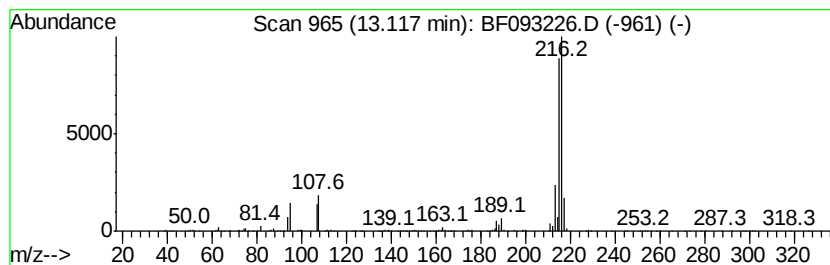
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	6.87 ng	2707370	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 95
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
4		Pvrene, 1-methyl-	216 C17H12	002381-21-7 90
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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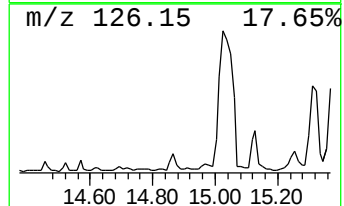
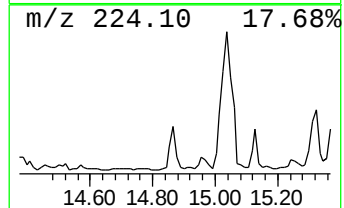
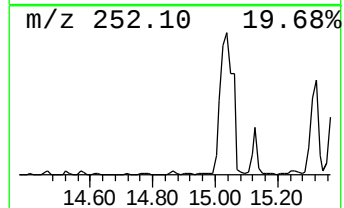
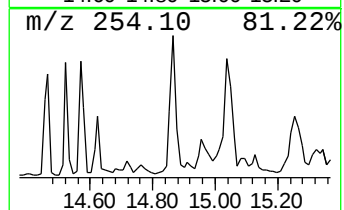
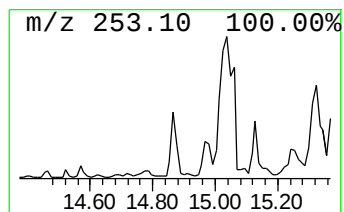
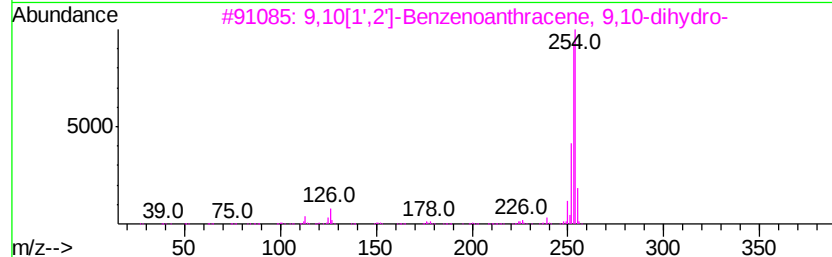
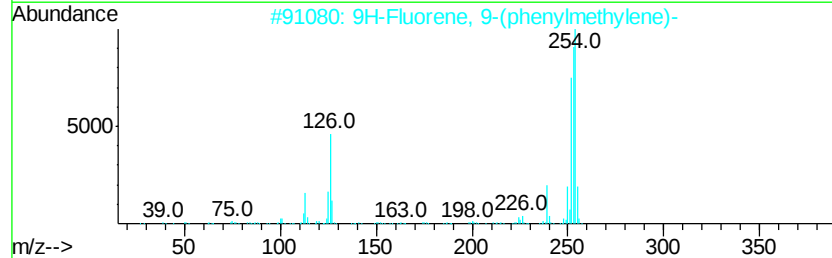
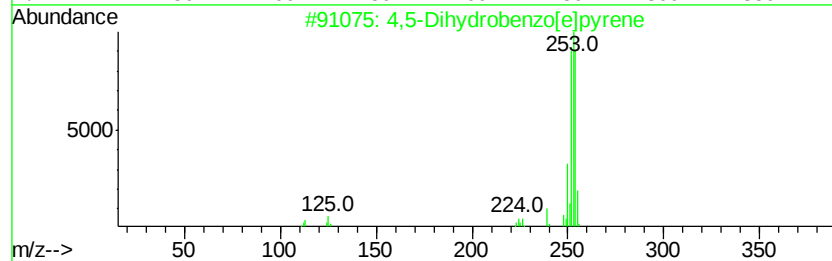
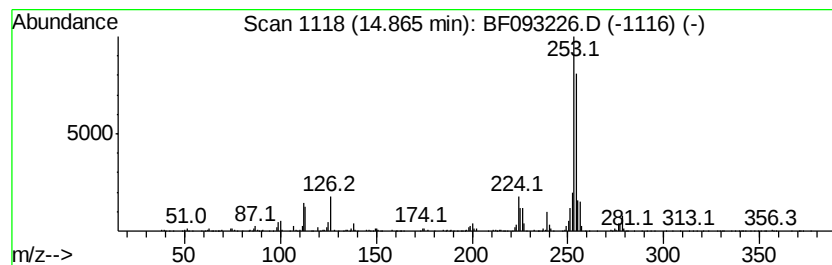
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4,5-Dihydrobenzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	16.98 ng	679932	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	81
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
4		4,6'-Biazulenvyl	254	C20H14	094154-49-1	59
5		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
Operator : SJ/MA
Sample : I1997-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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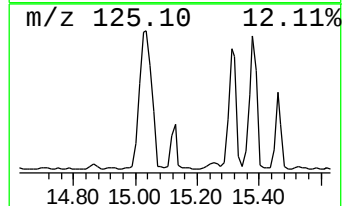
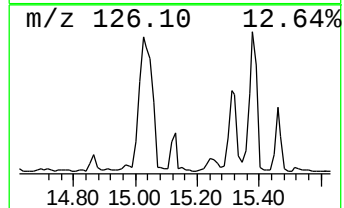
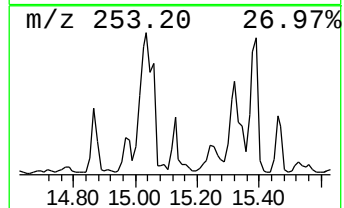
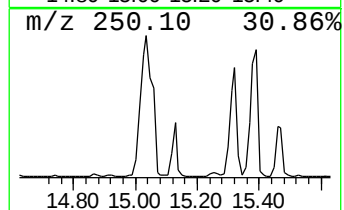
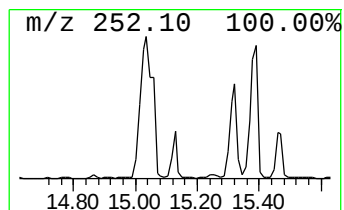
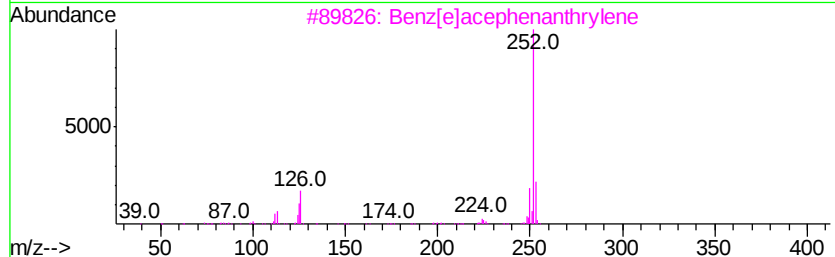
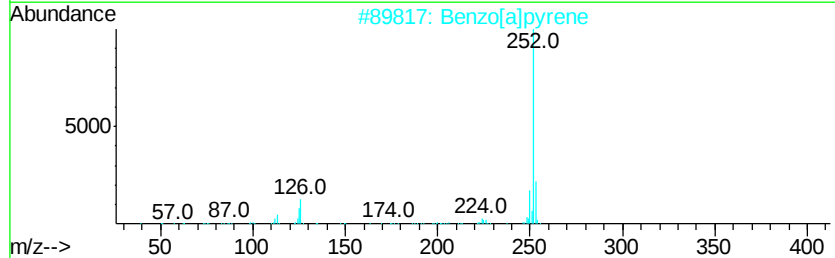
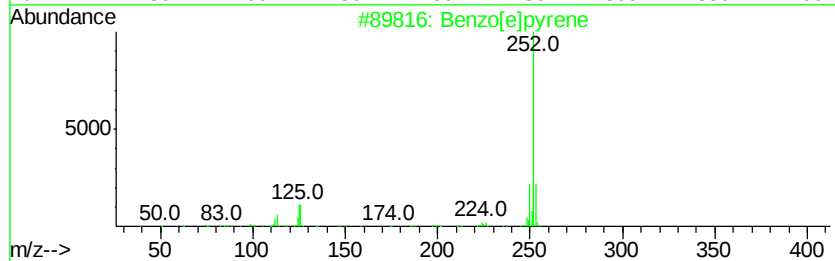
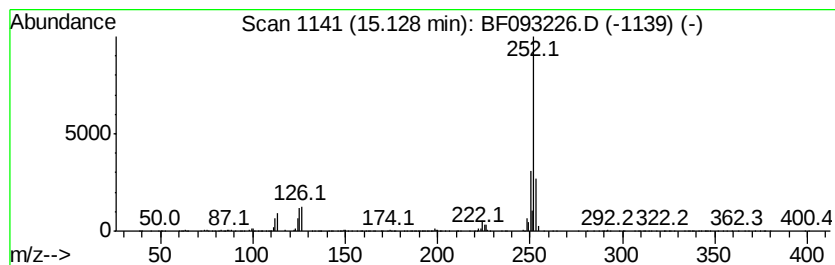
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	24.45 ng	978804	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
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ClientSampleId :
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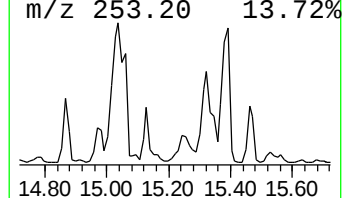
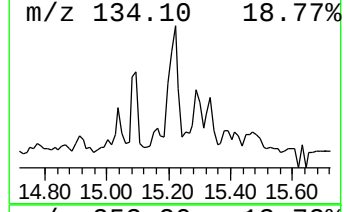
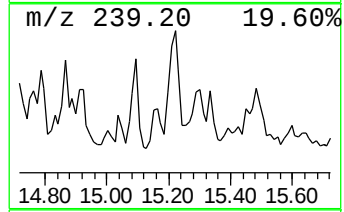
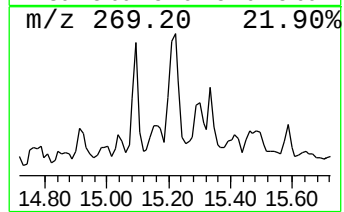
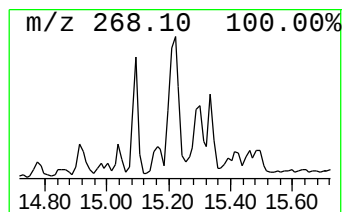
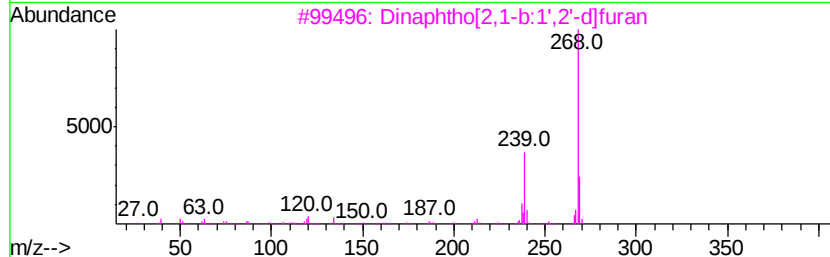
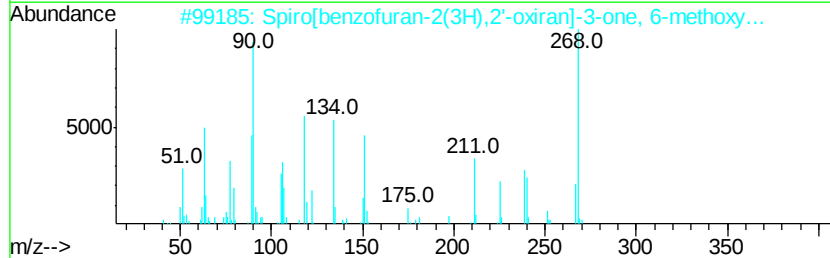
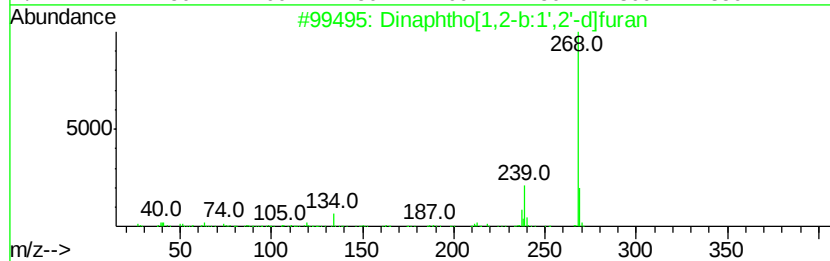
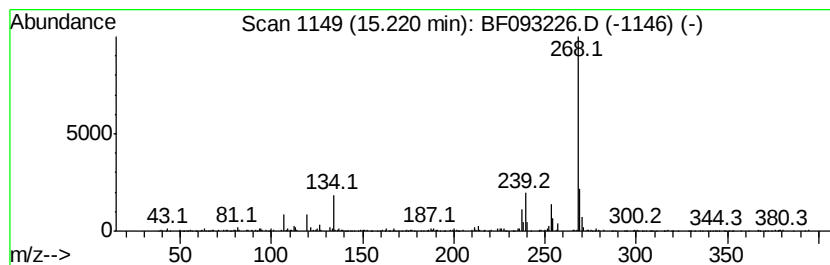
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	14.72 ng	589231	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2		Spiro[benzofuran-2(3H),2'-oxiran...	268	C16H12O4	010173-78-1	91
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
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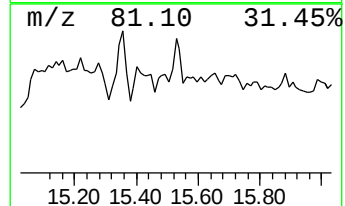
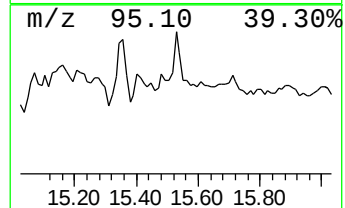
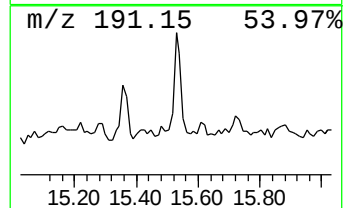
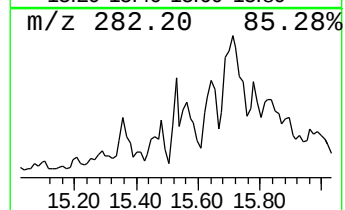
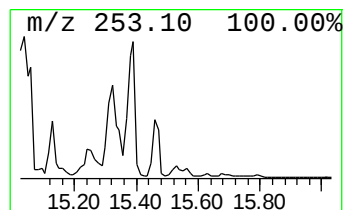
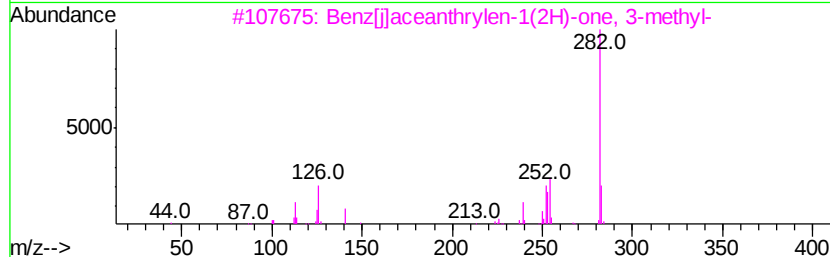
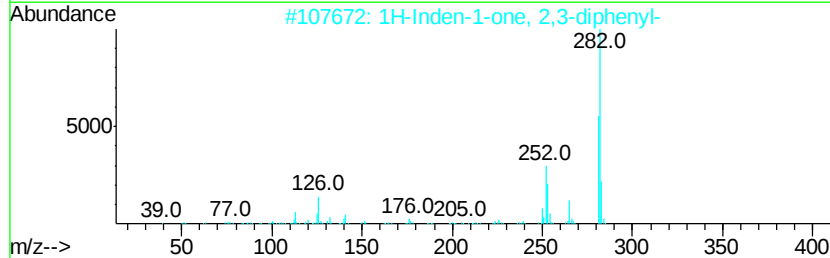
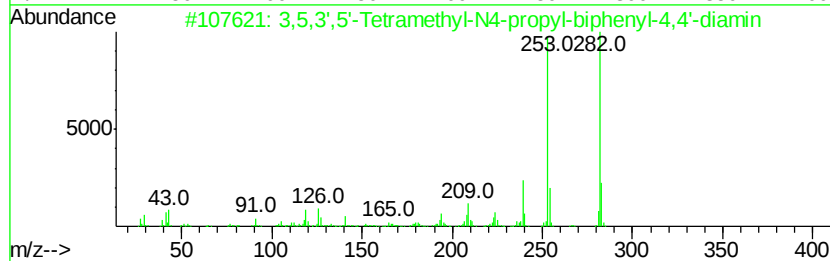
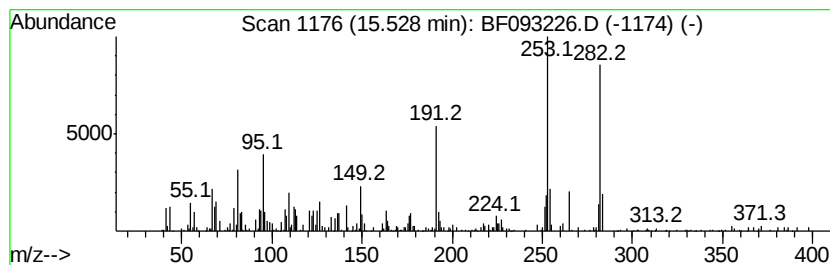
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,5,3',5'-Tetramethyl-N4-pr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	9.47 ng	379249	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5,3',5'-Tetramethyl-N4-propyl-...	282	C19H26N2	1000193-02-0	64
2		1H-Inden-1-one, 2,3-diphenyl-	282	C21H14O	001801-42-9	46
3		Benz[ilaceanthrylen-1(2H)-one, 3...	282	C21H14O	003343-07-5	42
4		1,1'-Binaphthalene, 2,2'-dimethyl-	282	C22H18	032834-84-7	35
5		4H-1-Benzopyran-4-one, 5,7-dimet...	282	C17H14O4	021392-57-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Misc :
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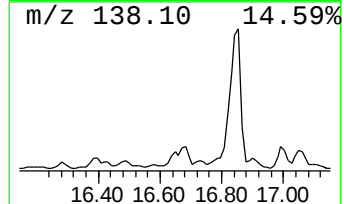
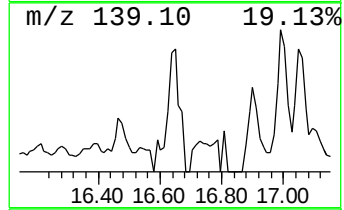
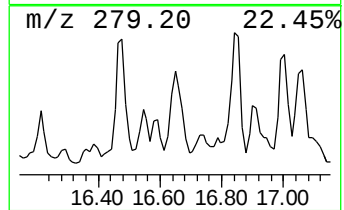
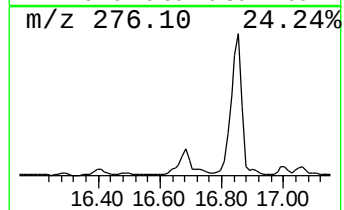
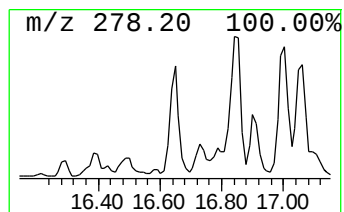
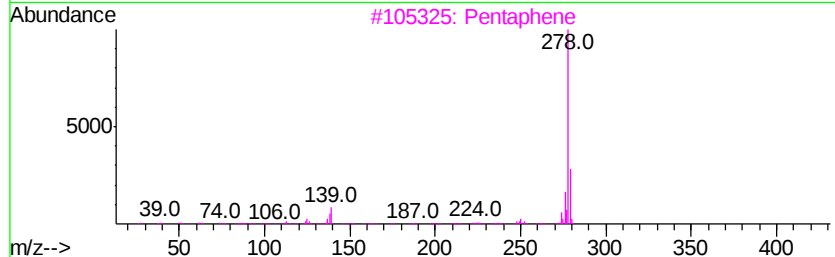
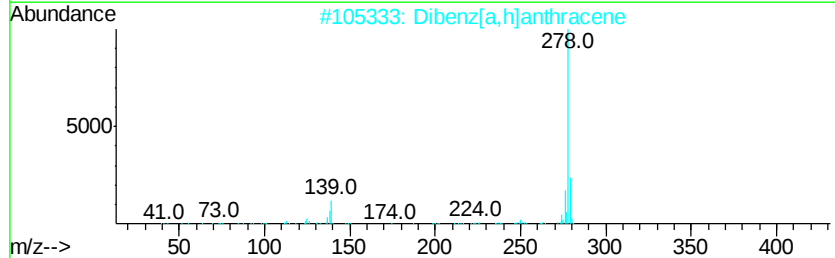
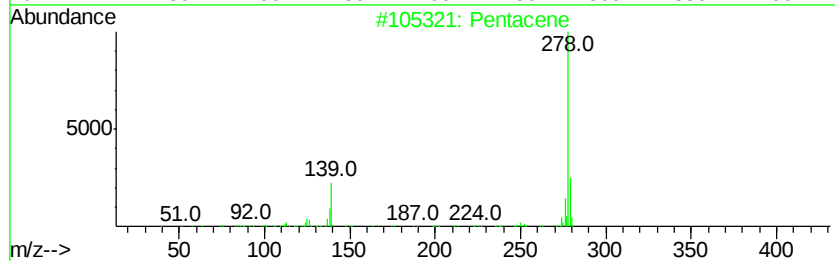
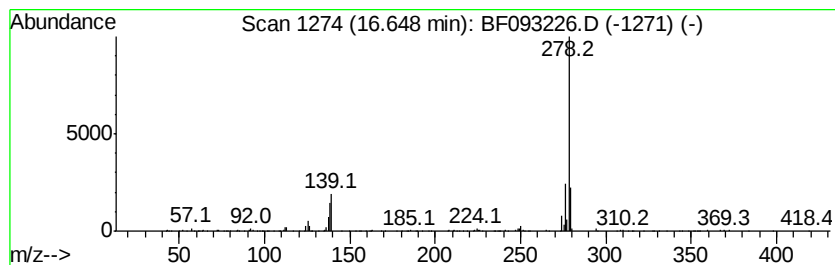
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	7.99 ng	319878	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacene	278 C22H14	000135-48-8	93
2	Dibenz[a,h]anthracene	278 C22H14	000053-70-3	91
3	Pentaphene	278 C22H14	000222-93-5	90
4	Benzo[b]triphenylene	278 C22H14	000215-58-7	90
5	Dibenzo-1,2,7,8-anthracene	278 C22H14	000224-41-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-W4-WSW

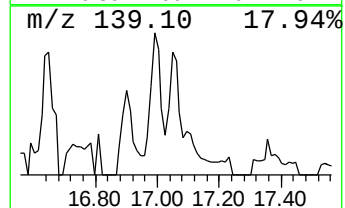
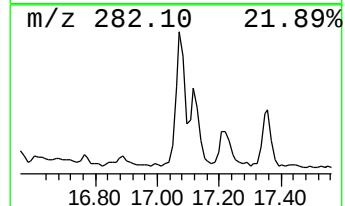
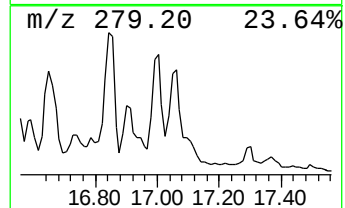
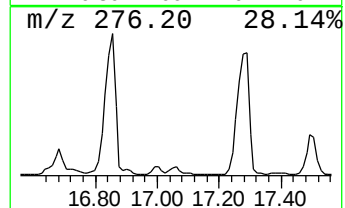
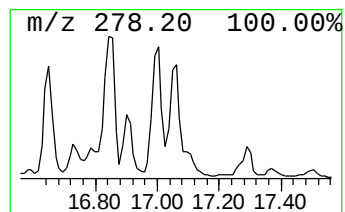
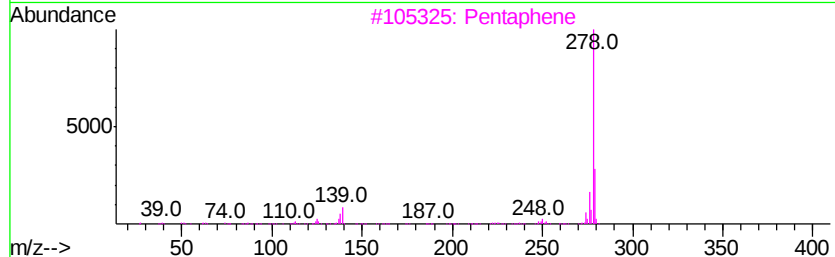
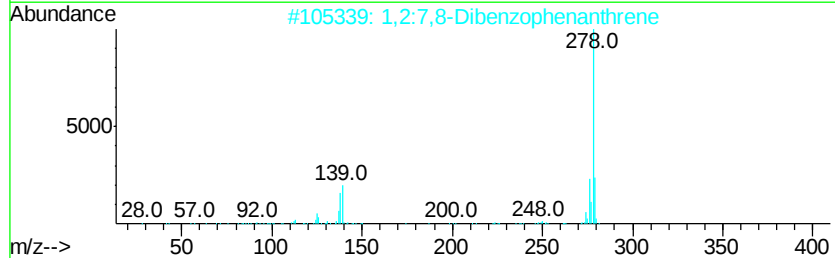
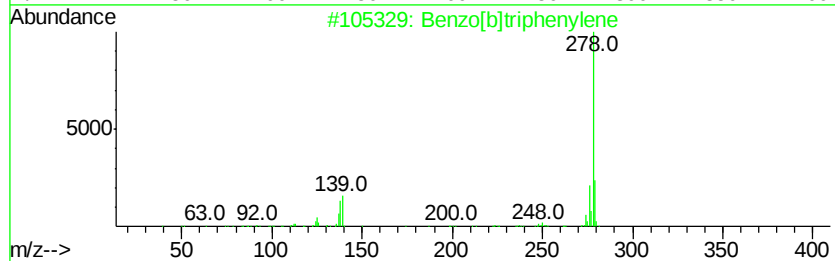
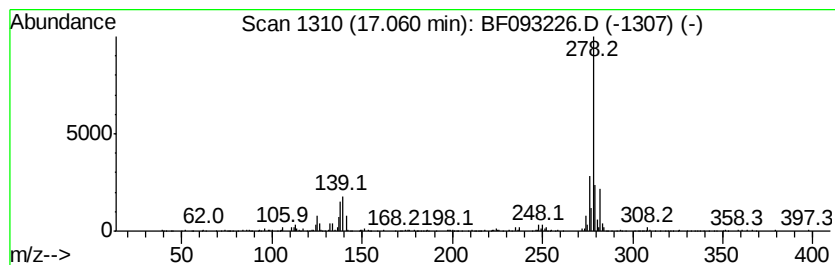
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	11.13 ng	445532	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
3		Pentaphene	278	C22H14	000222-93-5	95
4		Benzo[b]chrysene	278	C22H14	000214-17-5	95
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093226.D
Acq On : 28 Feb 2017 1:14
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ClientSampleId :
E2-W4-WSW

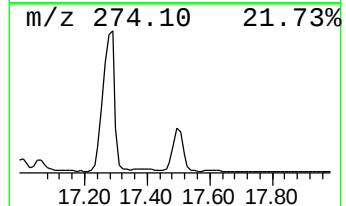
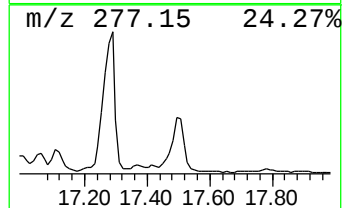
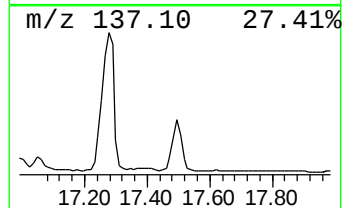
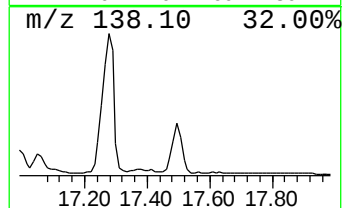
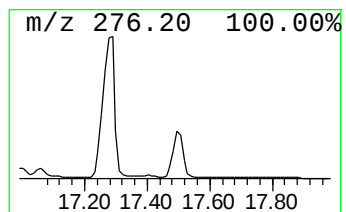
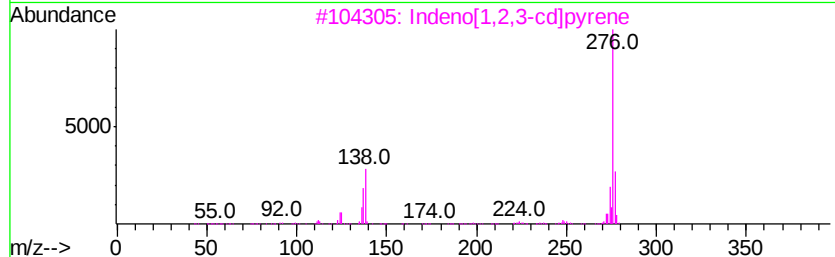
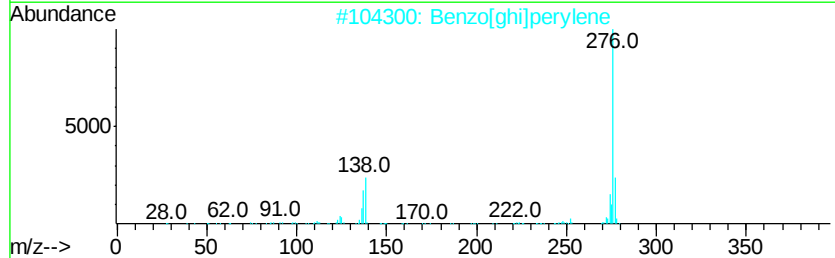
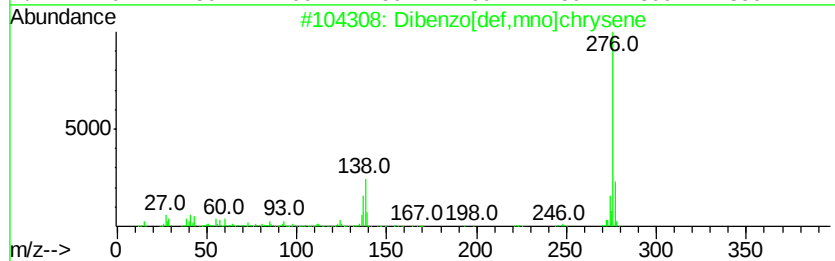
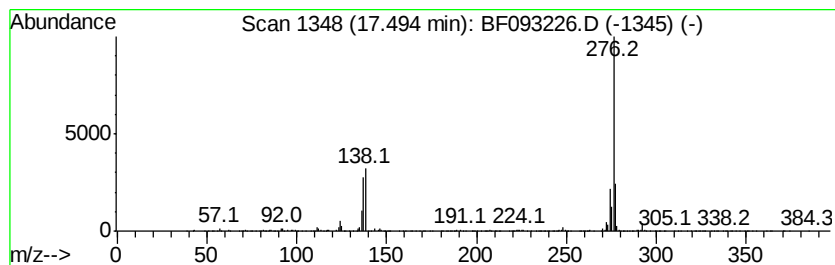
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	25.65 ng	1026870	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Acq On : 28 Feb 2017 1:14
Operator : SJ/MA
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-W4-WSW

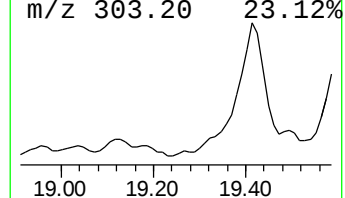
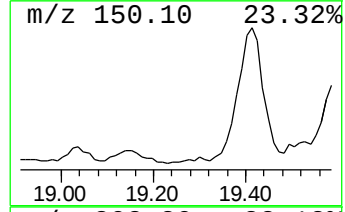
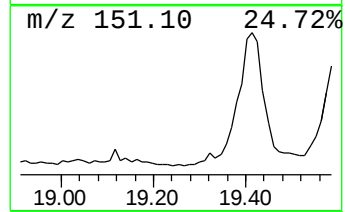
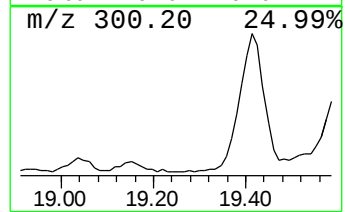
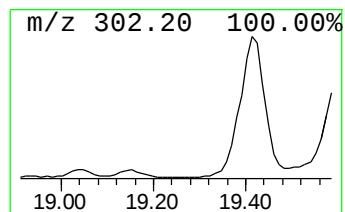
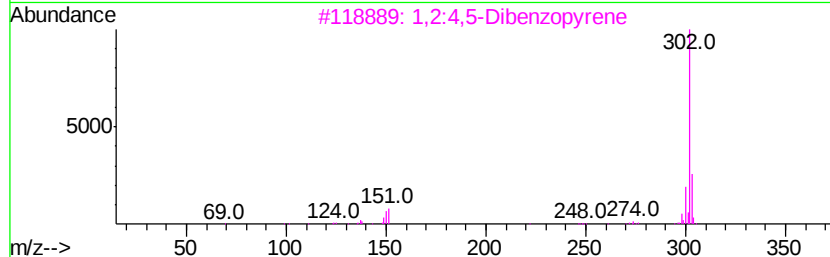
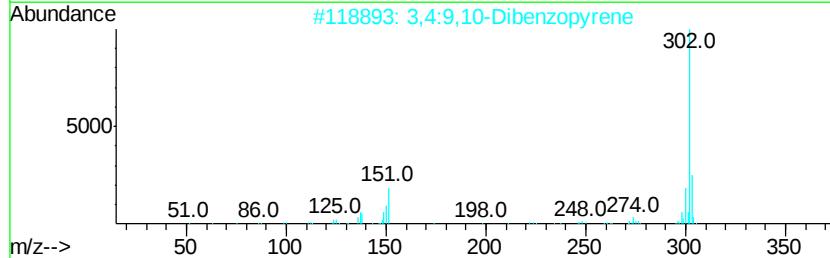
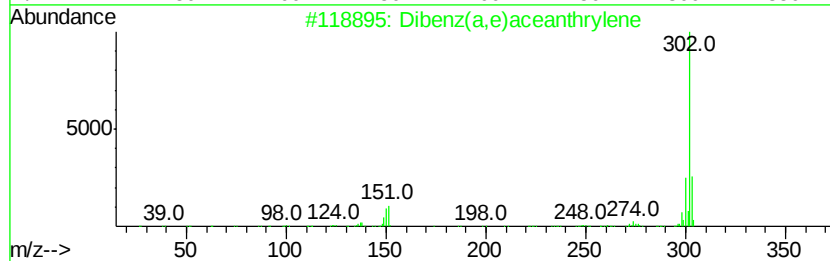
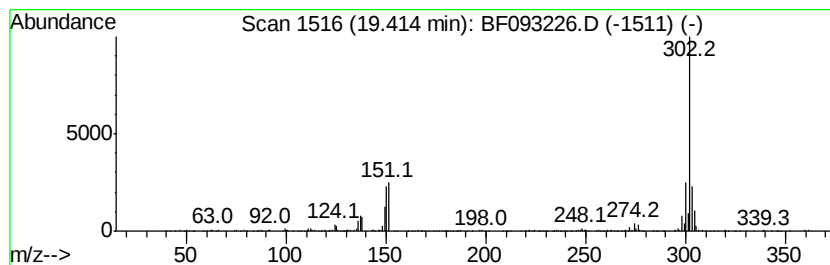
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	25.14 ng	1006760	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
 Data File : BF093226.D
 Acq On : 28 Feb 2017 1:14
 Operator : SJ/MA
 Sample : I1997-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W4-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	30.0	ng	1508590	1	6.82	1007220	20.0
unknown6.59	6.59	64.5	ng	3249180	1	6.82	1007220	20.0
Naphthalene, 2,6-...	9.52	6.6	ng	480436	3	9.86	1455650	20.0
Naphthalene, 1,6,...	10.28	7.0	ng	507419	3	9.86	1455650	20.0
Benzene, [1-(2,4-...	10.46	6.5	ng	471848	3	9.86	1455650	20.0
Dibenzofuran, 4-m...	10.56	7.9	ng	577059	3	9.86	1455650	20.0
4H-Cyclopenta[def...	11.96	7.0	ng	4073810	4	11.35	11631700	20.0
Pyrene, 1-methyl-	13.01	5.1	ng	2022820	5	14.00	7876260	20.0
Fluoranthene, 2-m...	13.12	6.9	ng	2707370	5	14.00	7876260	20.0
4,5-Dihydrobenzo[...	14.87	17.0	ng	679932	6	15.44	800785	20.0
Benzo[e]pyrene	15.13	24.4	ng	978804	6	15.44	800785	20.0
Dinaphtho[1,2-b:1...	15.22	14.7	ng	589231	6	15.44	800785	20.0
3,5,3',5'-Tetrame...	15.53	9.5	ng	379249	6	15.44	800785	20.0
Pentacene	16.65	8.0	ng	319878	6	15.44	800785	20.0
Benzo[b]triphenylene	17.06	11.1	ng	445532	6	15.44	800785	20.0
Dibenzo[def,mno]c...	17.49	25.6	ng	1026870	6	15.44	800785	20.0
Dibenz(a,e)aceant...	19.41	25.1	ng	1006760	6	15.44	800785	20.0