

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
 Data File : BF079555.D
 Acq On : 28 May 2015 20:29
 Operator : TP/IZ
 Sample : G2408-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24D

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-BF052615.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.564	31	33	40	rVV	300476	475977	10.48%	0.749%
2	1.667	40	42	70	rVB	2433790	4541639	100.00%	7.144%
3	4.673	302	305	313	rBV	156957	225884	4.97%	0.355%
4	5.244	352	355	365	rBV	1026333	1381923	30.43%	2.174%
5	6.559	468	470	478	rBV	989418	1554994	34.24%	2.446%
6	6.684	478	481	483	rBV	1267115	1561570	34.38%	2.456%
7	6.959	503	505	508	rBV	488150	475750	10.48%	0.748%
8	7.142	519	521	524	rBV	1011842	1231944	27.13%	1.938%
9	7.667	564	567	569	rBV	662490	940134	20.70%	1.479%
10	8.536	641	643	645	rBV	723106	773018	17.02%	1.216%
11	9.428	719	721	723	rBV	130812	135920	2.99%	0.214%
12	9.542	729	731	734	rVB	116259	108526	2.39%	0.171%
13	9.885	759	761	764	rBV	1864661	1814967	39.96%	2.855%
14	10.205	787	789	791	rBV	50397	82357	1.81%	0.130%
15	10.296	795	797	798	rVV	89591	107550	2.37%	0.169%
16	10.399	804	806	808	rVV	165497	151014	3.33%	0.238%
17	10.708	830	833	835	rBV	744967	781505	17.21%	1.229%
18	10.742	835	836	838	rVB	645771	545815	12.02%	0.859%
19	10.959	853	855	858	rBV	387771	381517	8.40%	0.600%
20	11.222	875	878	883	rBV2	34592	78660	1.73%	0.124%
21	11.382	890	892	895	rVB	739247	662442	14.59%	1.042%
22	11.462	895	899	900	rVV	63776	104952	2.31%	0.165%
23	11.485	900	901	903	rVV	85380	99480	2.19%	0.156%
24	11.542	903	906	908	rVV2	43408	84129	1.85%	0.132%
25	11.588	908	910	913	rVB	134365	160732	3.54%	0.253%
26	11.679	916	918	921	rVV	917492	1237970	27.26%	1.947%
27	12.068	945	952	953	rBV2	113656	201278	4.43%	0.317%
28	12.171	957	961	962	rVB2	41585	92078	2.03%	0.145%
29	12.228	965	966	968	rVV	50907	97350	2.14%	0.153%
30	12.365	976	978	980	rBV	105342	133414	2.94%	0.210%
31	12.411	980	982	984	rVB	201208	209274	4.61%	0.329%
32	12.536	991	993	994	rBV	691467	755843	16.64%	1.189%
33	12.571	994	996	998	rVV	3576240	3639259	80.13%	5.724%
34	12.628	998	1001	1004	rVB	943175	1262501	27.80%	1.986%

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35	12.685	1004	1006	1008	rBV2	70153	121693	2.68%	0.191%
36	12.811	1015	1017	1018	rBV	66068	75559	1.66%	0.119%
37	12.845	1018	1020	1022	rVV	385790	377470	8.31%	0.594%
38	13.165	1045	1048	1050	rBV	393234	460475	10.14%	0.724%
39	13.199	1050	1051	1054	rVB	512888	489221	10.77%	0.769%
40	13.256	1054	1056	1057	rBV	249415	257263	5.66%	0.405%
41	13.302	1057	1060	1066	rVB2	538245	1180490	25.99%	1.857%
42	13.405	1066	1069	1071	rBV2	51740	95156	2.10%	0.150%
43	13.542	1079	1081	1082	rBV	285307	276745	6.09%	0.435%
44	13.565	1082	1083	1086	rVB	70745	98332	2.17%	0.155%
45	13.725	1095	1097	1099	rBV	77744	114588	2.52%	0.180%
46	13.759	1099	1100	1101	rVV	80548	74999	1.65%	0.118%
47	13.851	1105	1108	1110	rBV	170995	250327	5.51%	0.394%
48	13.897	1110	1112	1115	rVV2	101293	207020	4.56%	0.326%
49	13.954	1115	1117	1122	rVB3	110025	200124	4.41%	0.315%
50	14.045	1122	1125	1127	rBV	3668545	3959754	87.19%	6.228%
51	14.125	1129	1132	1133	rBV2	79752	98688	2.17%	0.155%
52	14.148	1133	1134	1138	rVB4	37436	76025	1.67%	0.120%
53	14.217	1138	1140	1142	rBV	179627	229161	5.05%	0.360%
54	14.319	1146	1149	1151	rBV2	3094304	3863068	85.06%	6.076%
55	14.354	1151	1152	1153	rVV	74773	70318	1.55%	0.111%
56	14.388	1153	1155	1156	rVB	126939	119684	2.64%	0.188%
57	14.479	1161	1163	1164	rBV	235752	242718	5.34%	0.382%
58	14.537	1164	1168	1170	rVB	1574240	2186374	48.14%	3.439%
59	14.605	1170	1174	1176	rBV2	159513	317994	7.00%	0.500%
60	14.639	1176	1177	1179	rVB	77513	74766	1.65%	0.118%
61	14.708	1179	1183	1184	rBV2	162971	311807	6.87%	0.490%
62	14.731	1184	1185	1188	rVB	424568	562779	12.39%	0.885%
63	14.822	1191	1193	1194	rBV	405221	472362	10.40%	0.743%
64	14.857	1194	1196	1202	rVV3	298120	480181	10.57%	0.755%
65	14.971	1204	1206	1208	rVB	148805	136768	3.01%	0.215%
66	15.005	1208	1209	1212	rBV	97848	155129	3.42%	0.244%
67	15.245	1228	1230	1231	rVV2	58092	100015	2.20%	0.157%
68	15.268	1231	1232	1234	rVV	118407	117738	2.59%	0.185%
69	15.371	1237	1241	1244	rVV2	124966	305412	6.72%	0.480%
70	15.497	1250	1252	1254	rBV	280750	337991	7.44%	0.532%
71	15.531	1254	1255	1259	rVV2	241253	514253	11.32%	0.809%

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72	15.588	1259	1260	1262	rVB2	167731	163960	3.61%	0.258%
73	15.634	1262	1264	1266	rVB	173420	210710	4.64%	0.331%
74	15.702	1268	1270	1274	rBV2	198763	318420	7.01%	0.501%
75	15.805	1274	1279	1281	rBV2	1893841	3358197	73.94%	5.282%
76	15.851	1281	1283	1284	rVV	1364969	1631841	35.93%	2.567%
77	15.874	1284	1285	1288	rVB2	243285	233345	5.14%	0.367%
78	15.942	1288	1291	1293	rBV	312166	407776	8.98%	0.641%
79	16.000	1293	1296	1297	rBV3	29393	71266	1.57%	0.112%
80	16.068	1300	1302	1304	rVB2	201586	231579	5.10%	0.364%
81	16.114	1304	1306	1310	rBV2	206617	346023	7.62%	0.544%
82	16.262	1317	1319	1320	rVB2	87837	106122	2.34%	0.167%
83	16.308	1320	1323	1325	rBV	283650	379424	8.35%	0.597%
84	16.343	1325	1326	1329	rVB2	85949	117612	2.59%	0.185%
85	16.423	1331	1333	1334	rVV	192655	204095	4.49%	0.321%
86	16.480	1334	1338	1340	rVV4	151045	397109	8.74%	0.625%
87	16.525	1340	1342	1344	rVV2	137360	256701	5.65%	0.404%
88	16.571	1344	1346	1349	rVB	103814	140468	3.09%	0.221%
89	16.708	1356	1358	1360	rBV3	79910	113263	2.49%	0.178%
90	16.971	1379	1381	1385	rBV	159111	199751	4.40%	0.314%
91	17.097	1388	1392	1397	rBV	1234230	2962298	65.23%	4.659%
92	17.200	1399	1401	1403	rVB	312629	371508	8.18%	0.584%
93	17.405	1416	1419	1422	rVB	678663	982292	21.63%	1.545%
94	17.463	1422	1424	1427	rVB	1351259	1508905	33.22%	2.373%
95	17.520	1427	1429	1431	rBV	667805	950086	20.92%	1.494%
96	18.663	1527	1529	1532	rVB2	103470	197735	4.35%	0.311%
97	18.823	1539	1543	1547	rVB2	550901	1106709	24.37%	1.741%
98	18.971	1554	1556	1558	rBV	150395	276452	6.09%	0.435%
99	19.189	1572	1575	1579	rBV	418094	840807	18.51%	1.323%
100	19.394	1591	1593	1601	rVB2	164859	388559	8.56%	0.611%

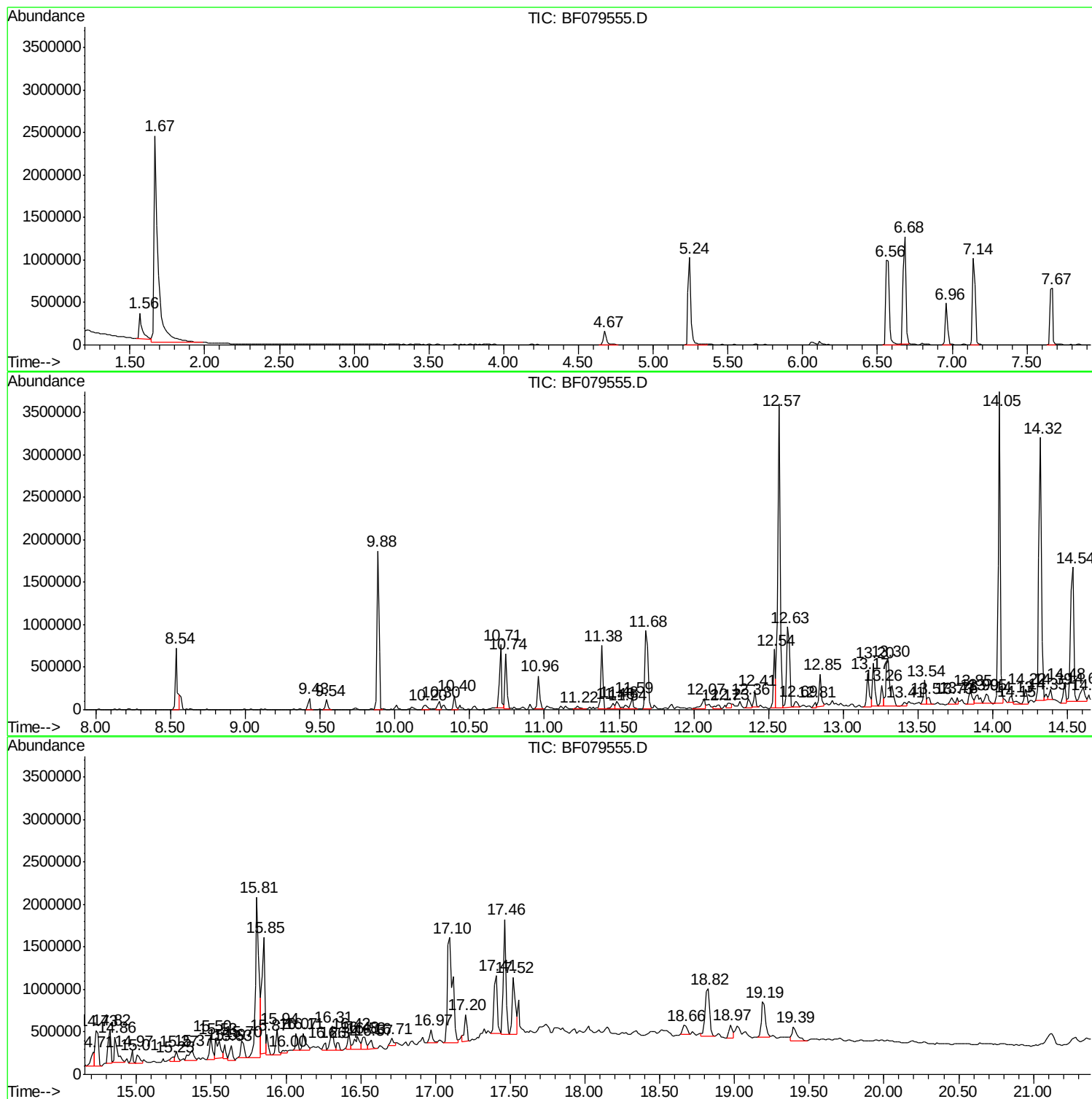
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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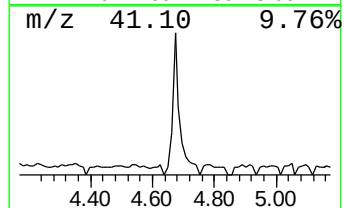
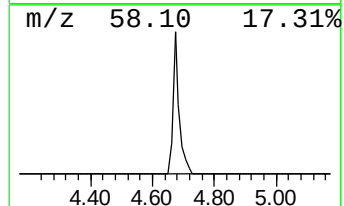
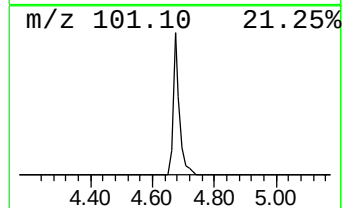
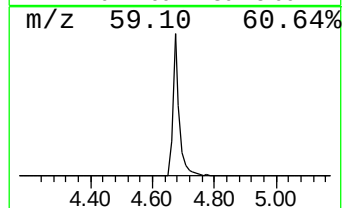
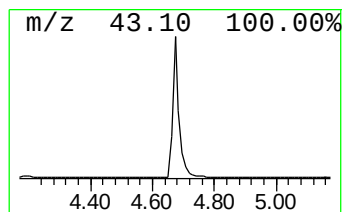
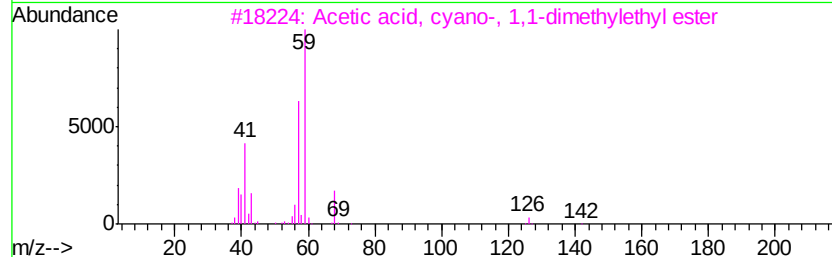
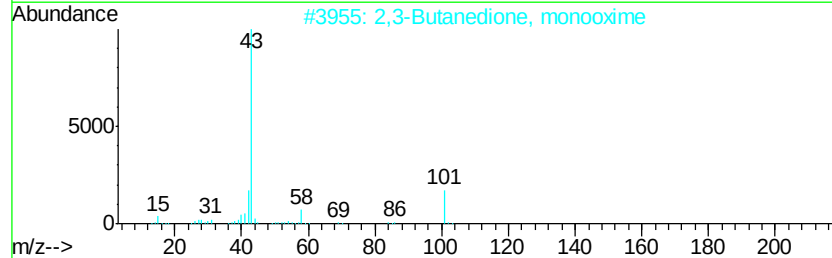
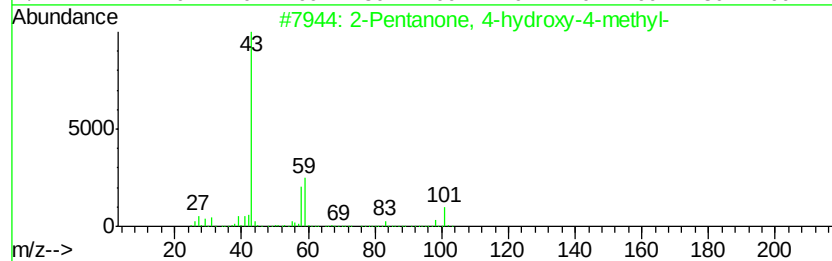
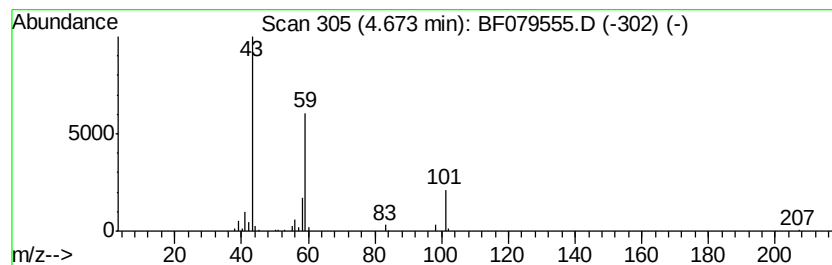
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	9.50 ng	225884	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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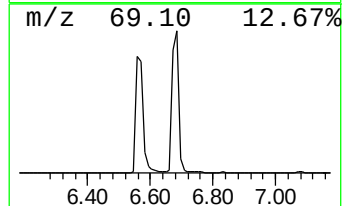
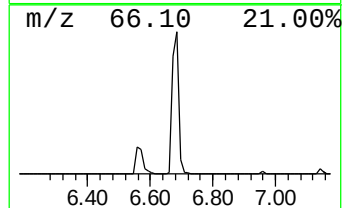
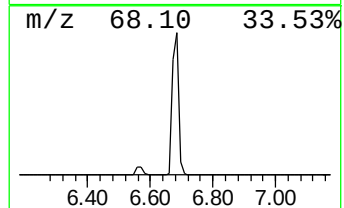
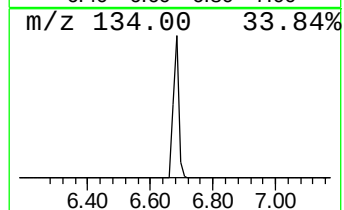
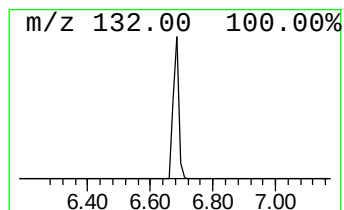
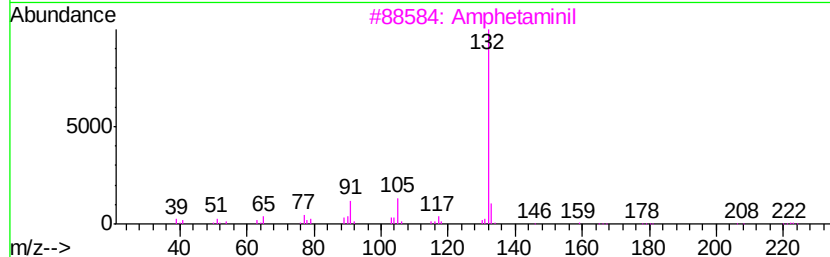
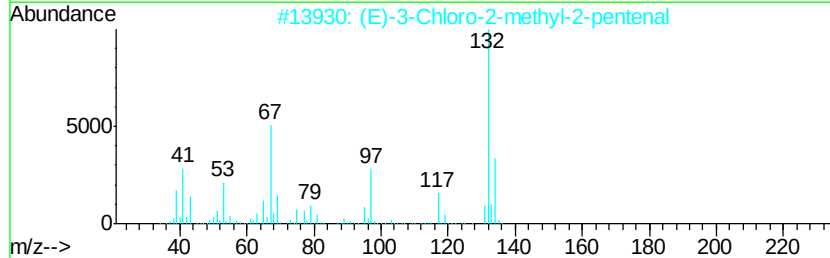
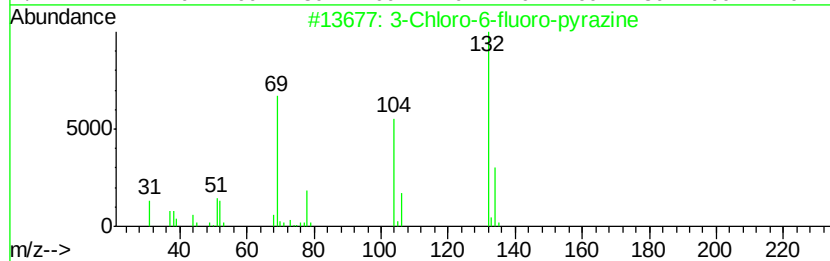
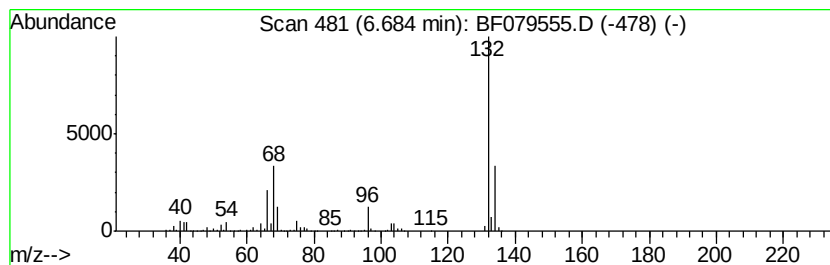
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	65.65 ng	1561570	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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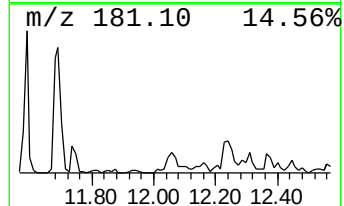
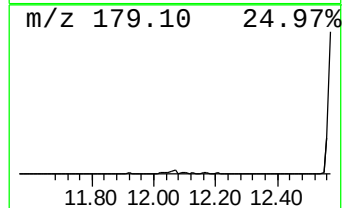
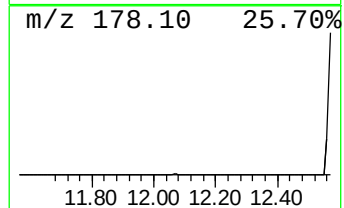
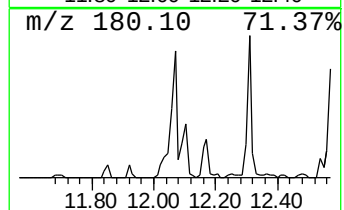
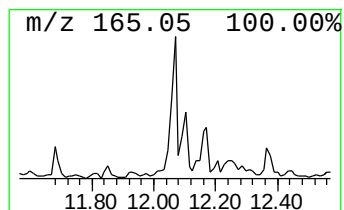
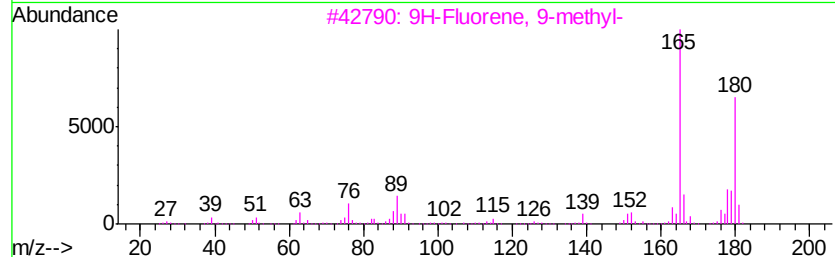
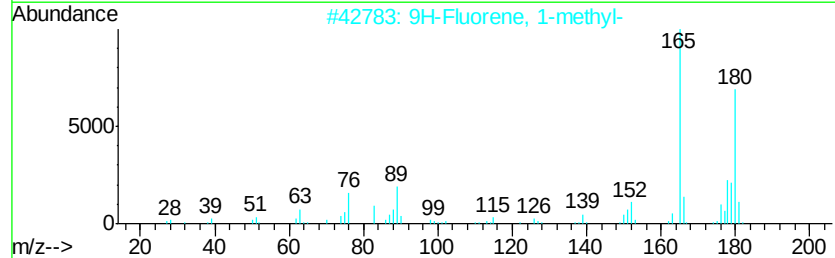
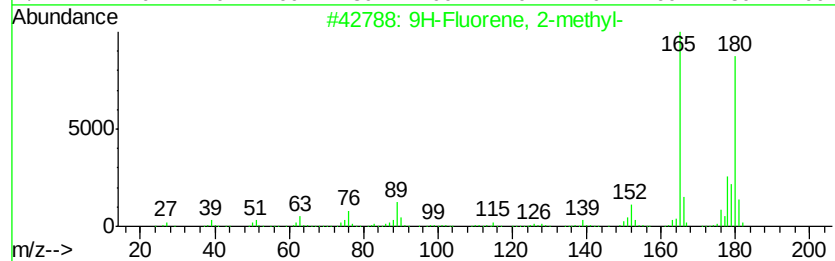
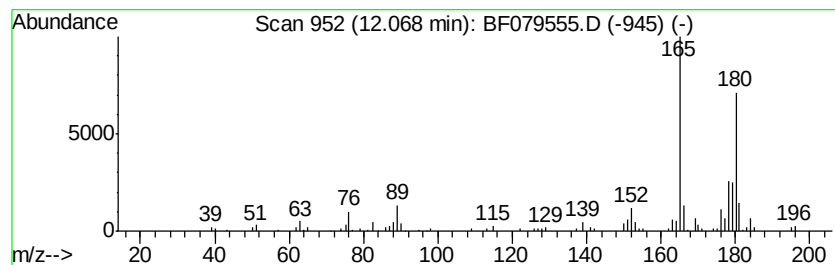
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	5.33 ng	201278	Phenanthrene-d10	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93	
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89	
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
Operator : TP/IZ
Sample : G2408-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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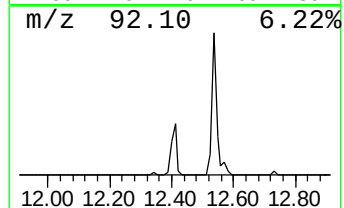
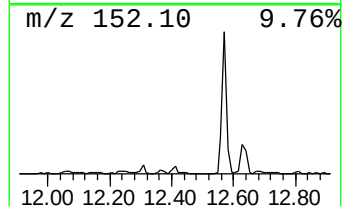
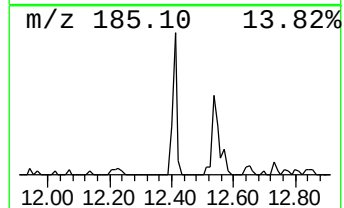
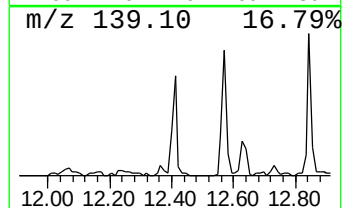
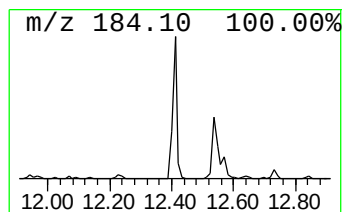
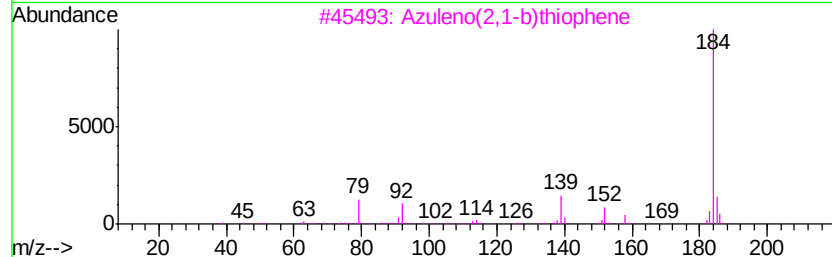
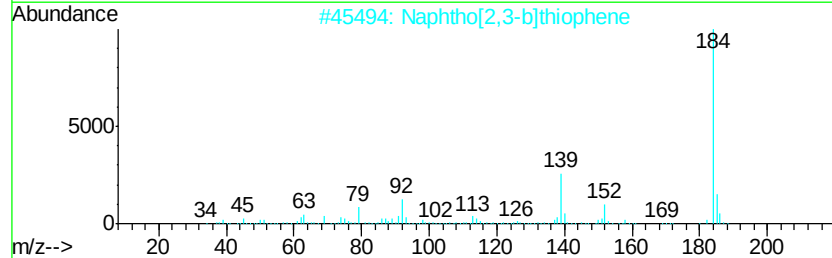
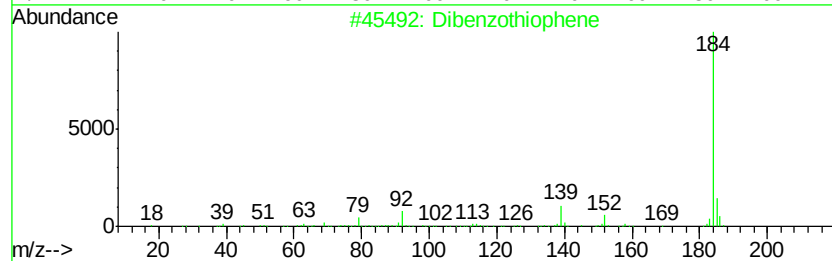
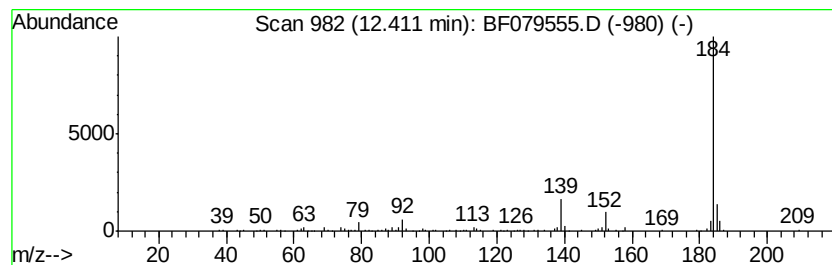
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.54 ng	209274	Phenanthrene-d10	12.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
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Misc :
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Instrument :
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ClientSampleId :
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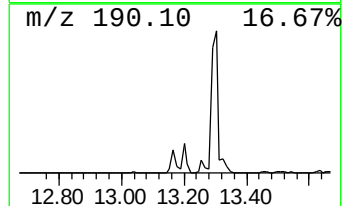
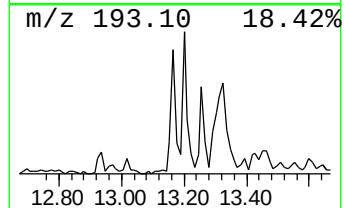
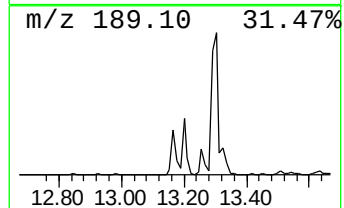
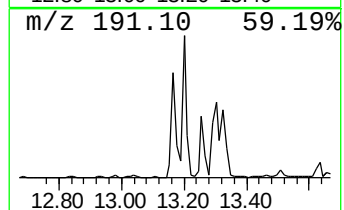
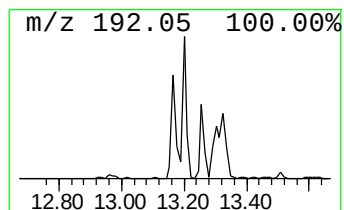
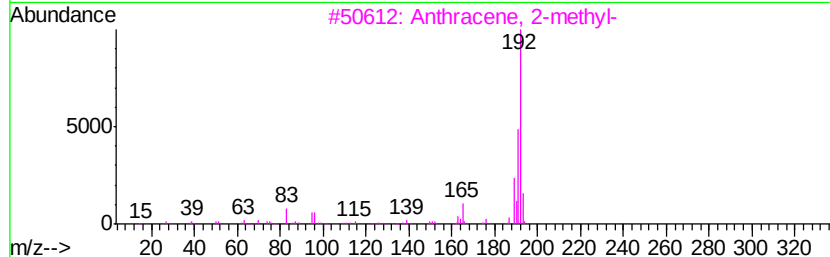
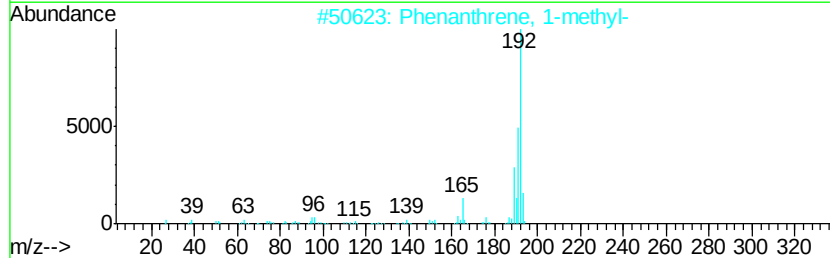
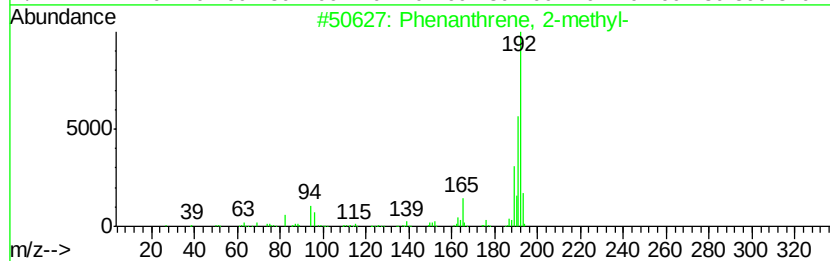
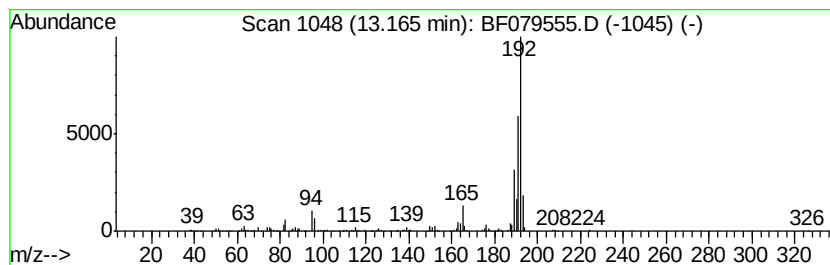
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	12.18 ng	460475	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
Operator : TP/IZ
Sample : G2408-03
Misc :
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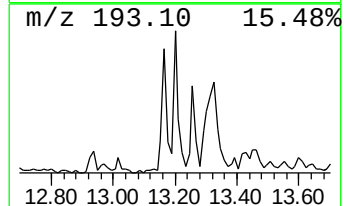
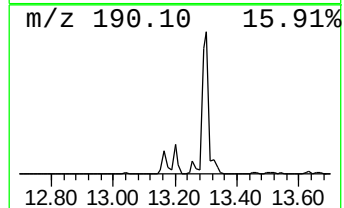
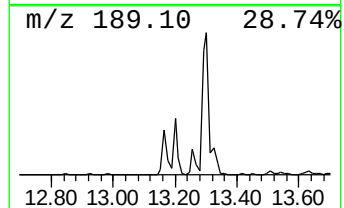
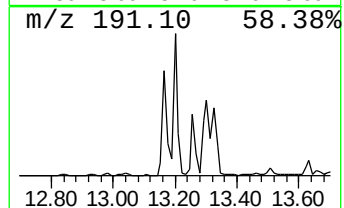
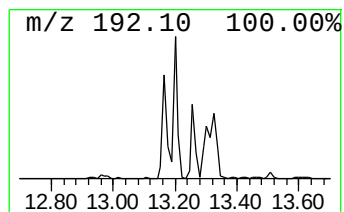
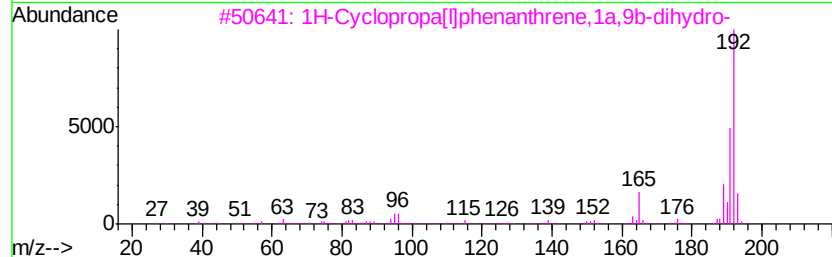
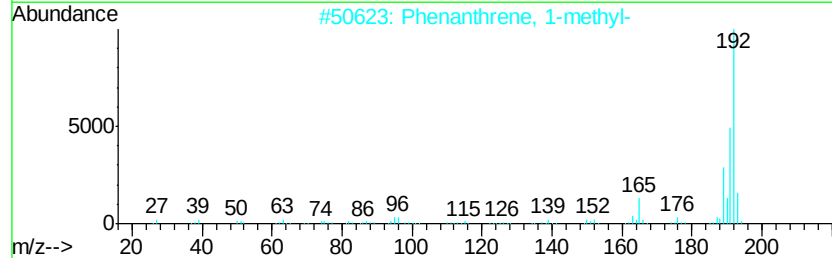
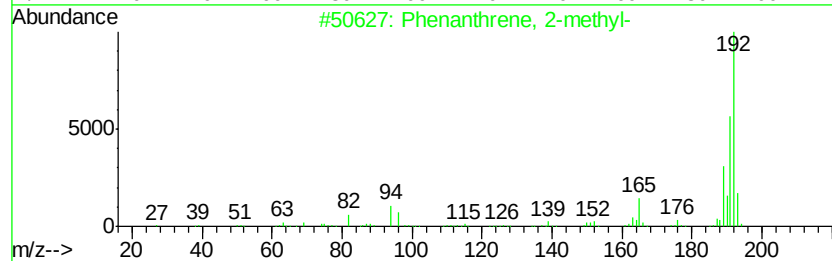
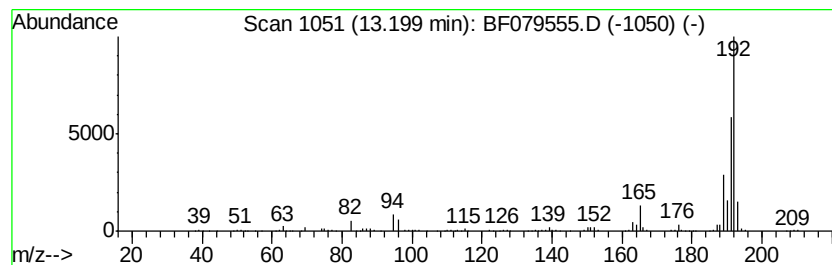
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.20	12.95 ng	489221	Phenanthrene-d10	12.54	
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	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
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Sample : G2408-03
Misc :
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Instrument :
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ClientSampleId :
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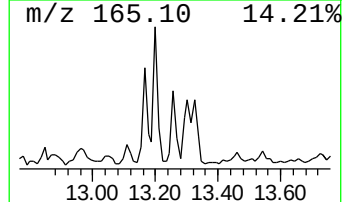
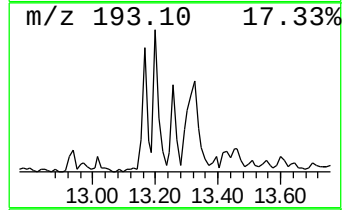
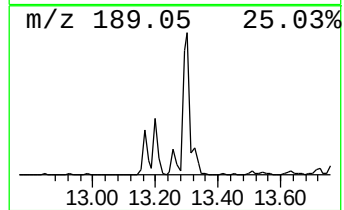
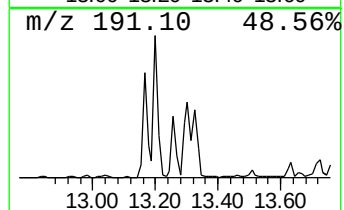
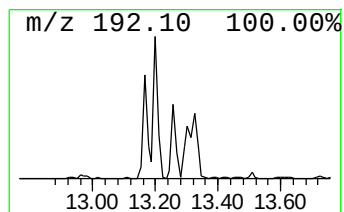
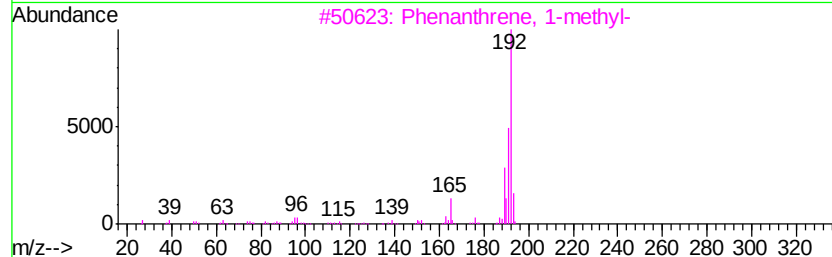
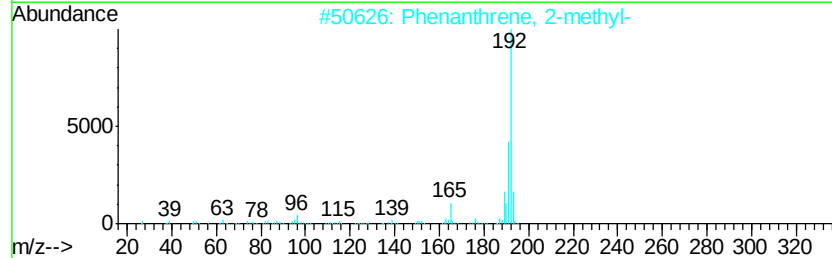
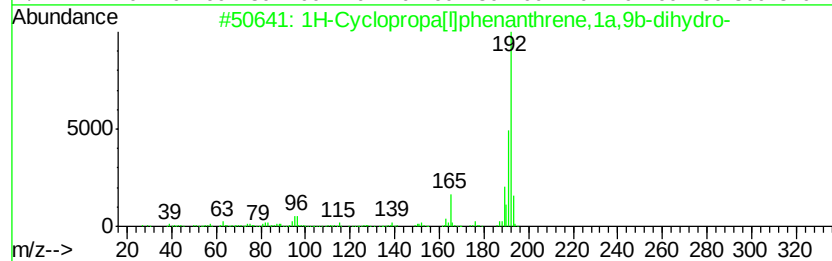
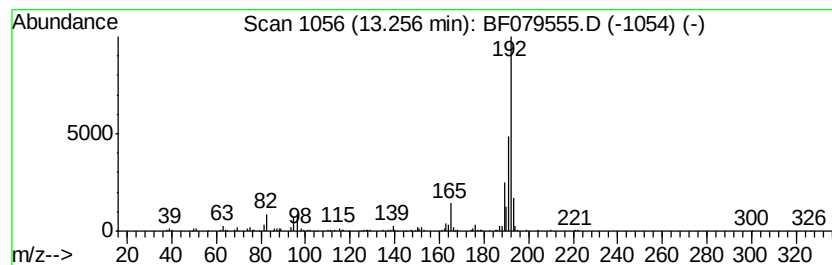
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.81 ng	257263	Phenanthrene-d10	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
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Misc :
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ClientSampleId :
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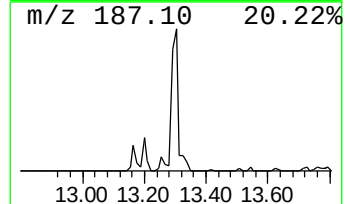
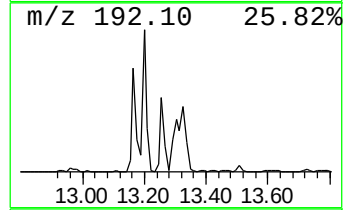
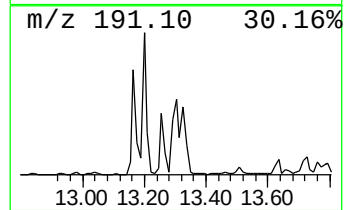
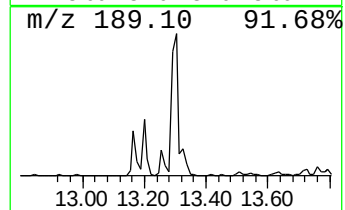
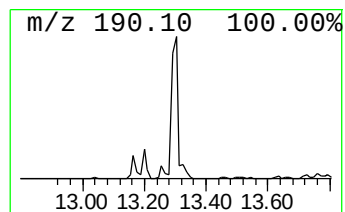
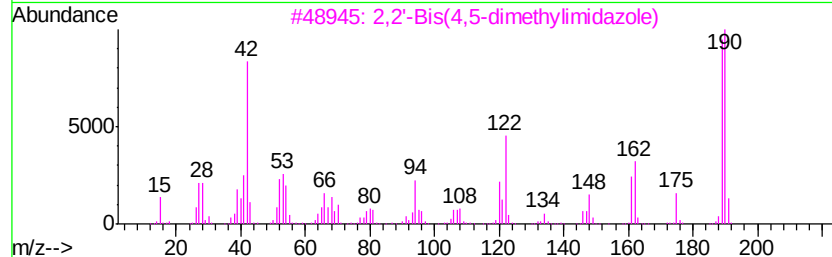
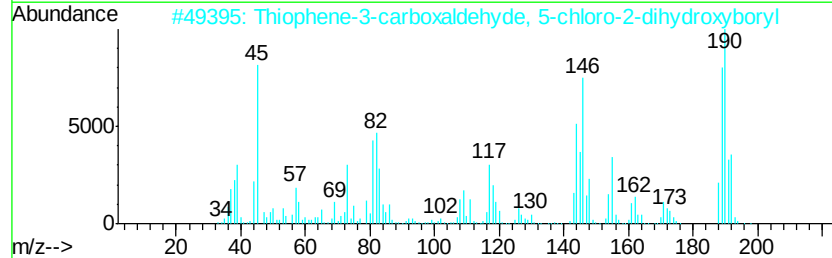
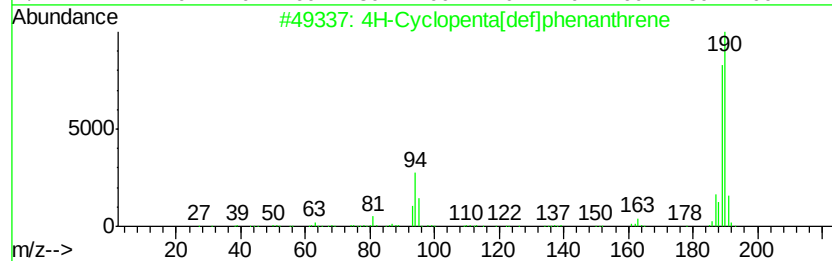
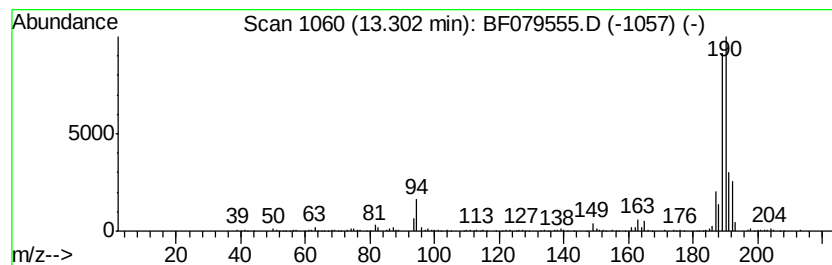
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	31.24 ng	1180490	Phenanthrene-d10	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4			Methyl diselenide	190	C2H6Se2	007101-31-7	27
5			2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
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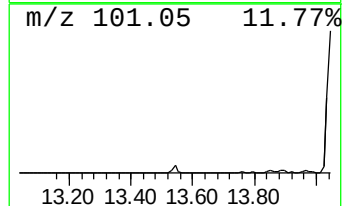
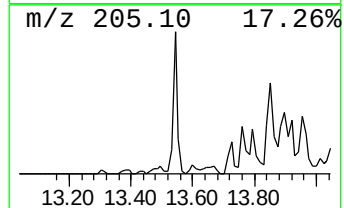
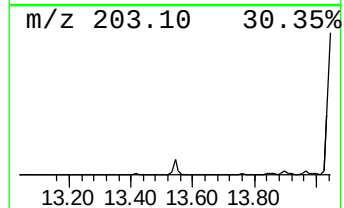
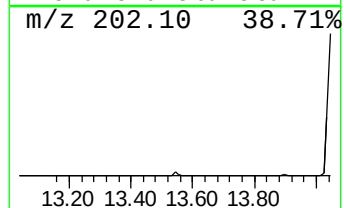
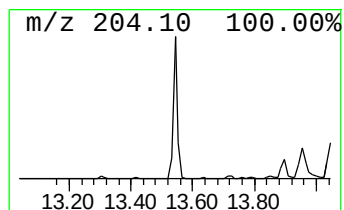
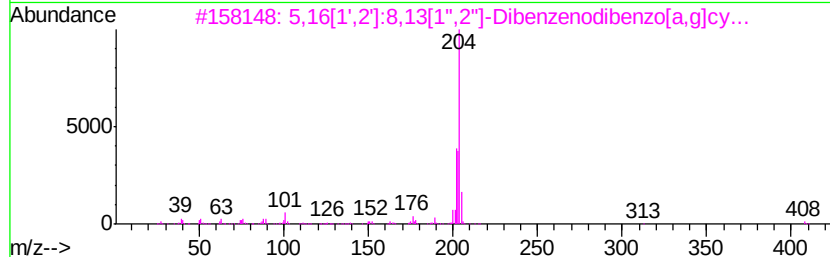
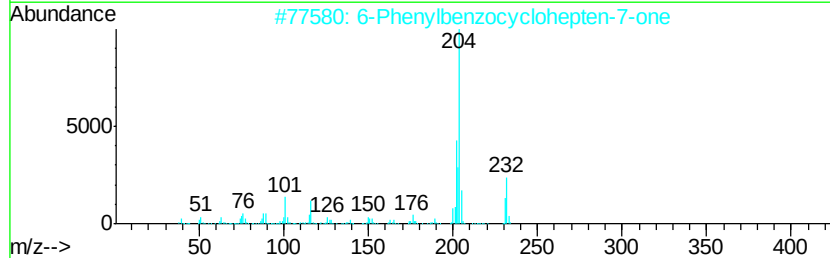
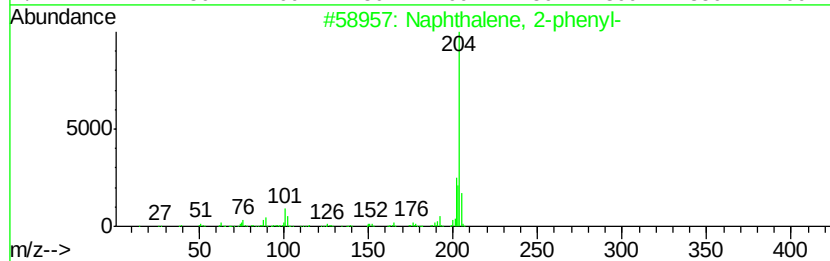
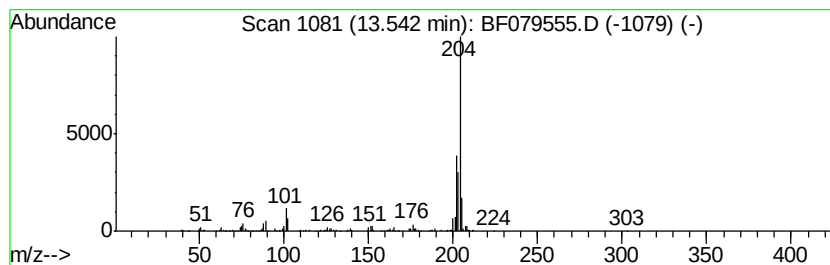
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	7.32 ng	276745	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	86
5		2-Phenyl-naphthalene	204	C16H12	035465-71-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
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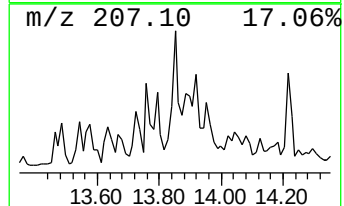
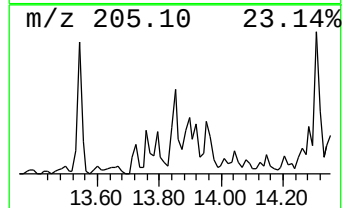
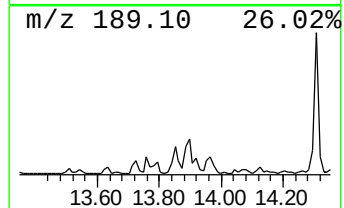
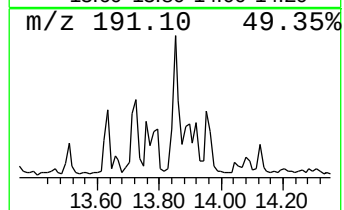
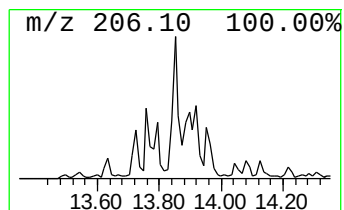
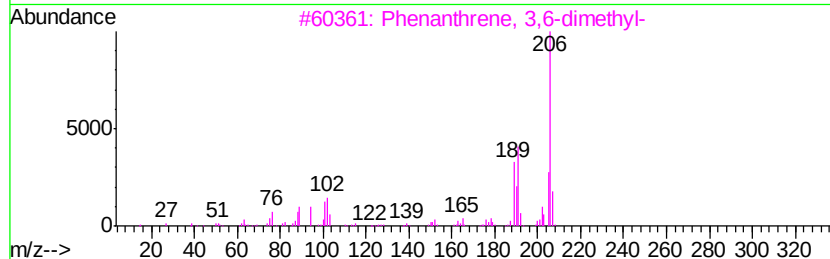
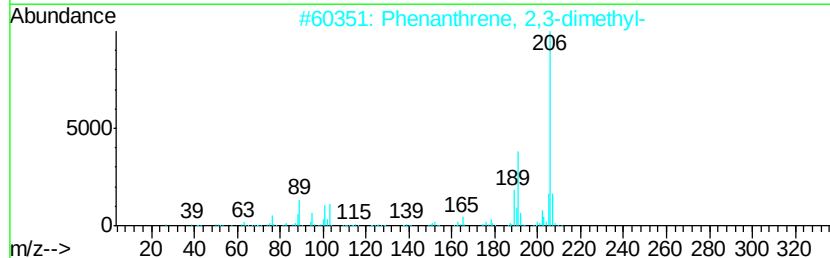
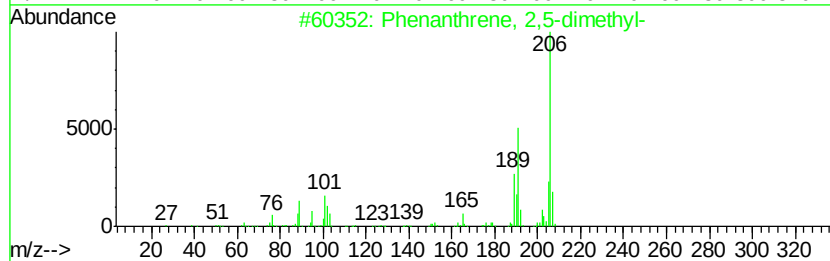
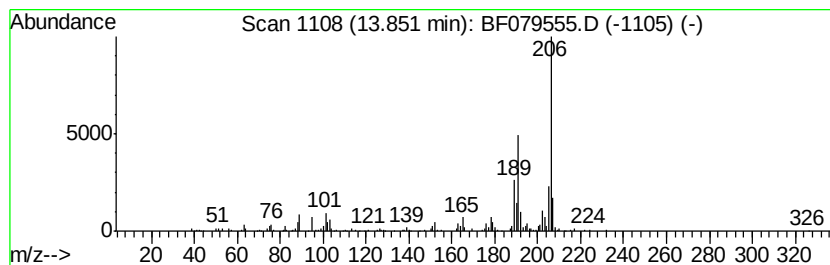
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.62 ng	250327	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079555.D
Acq On : 28 May 2015 20:29
Operator : TP/IZ
Sample : G2408-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24D

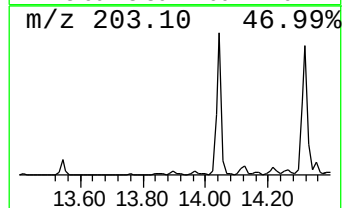
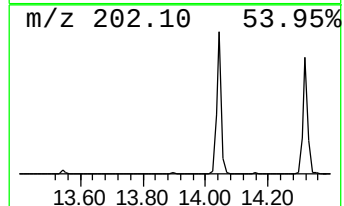
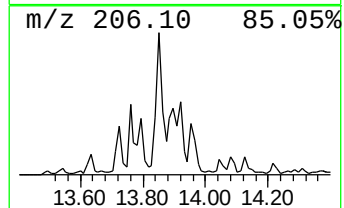
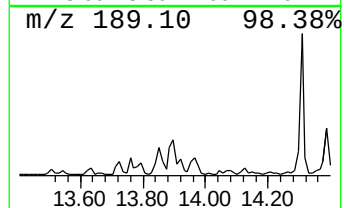
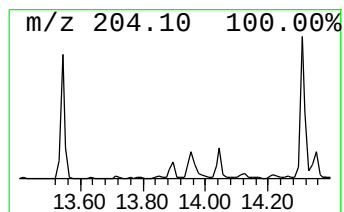
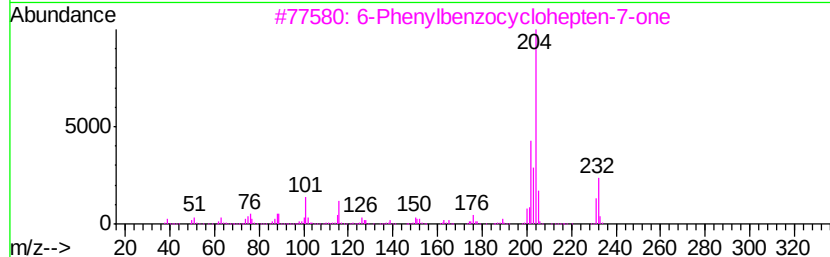
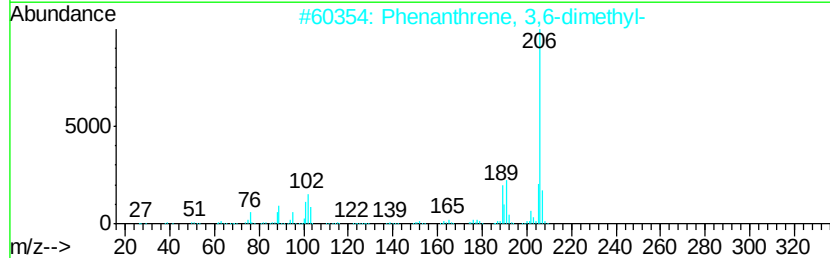
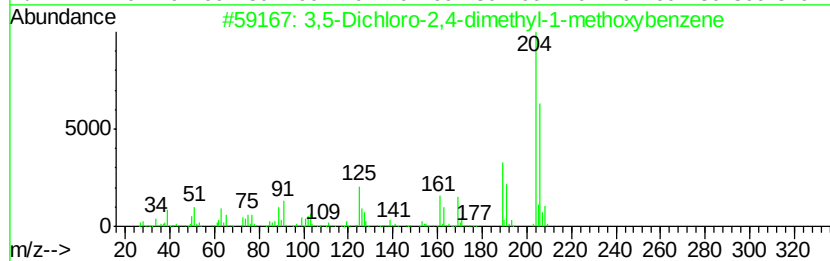
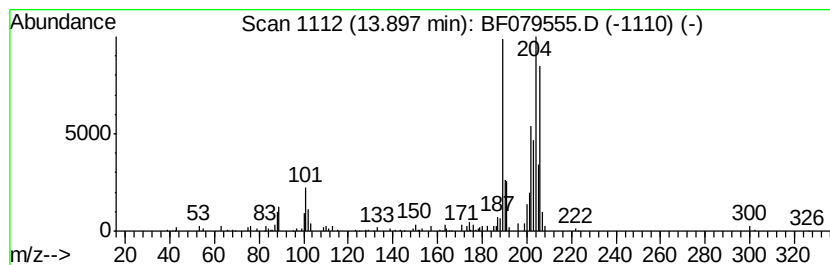
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.48 ng	207020	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	43
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	35
4		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
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Acq On : 28 May 2015 20:29
Operator : TP/IZ
Sample : G2408-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

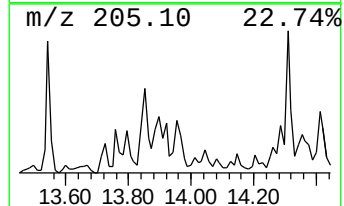
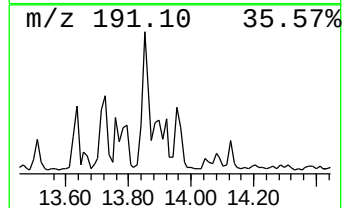
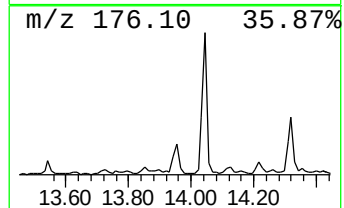
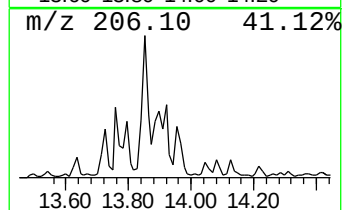
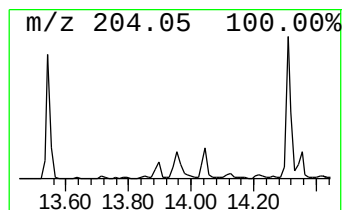
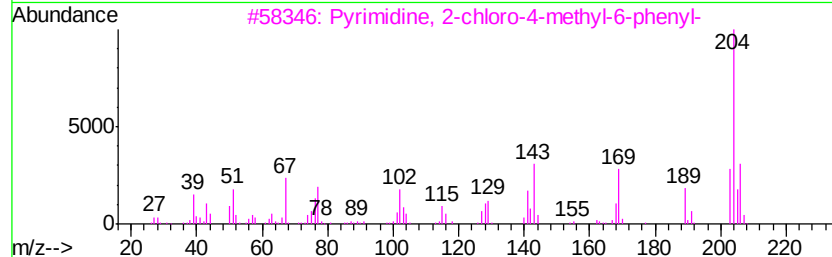
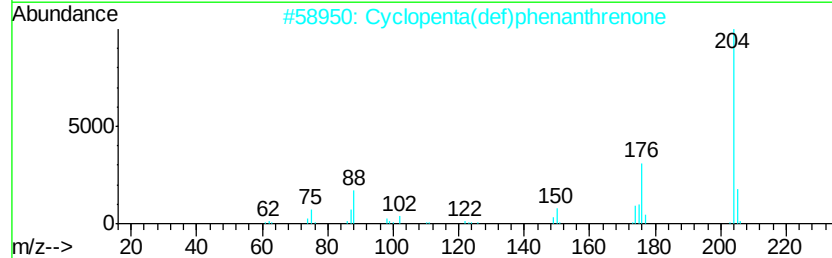
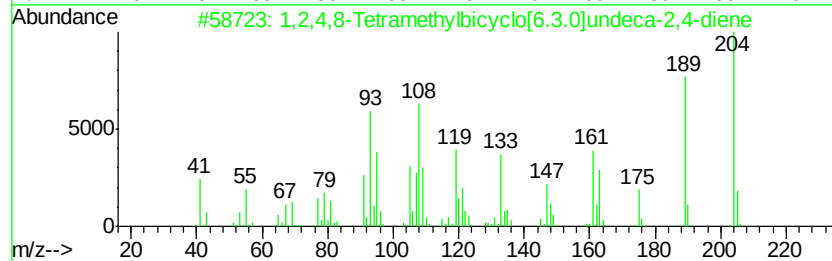
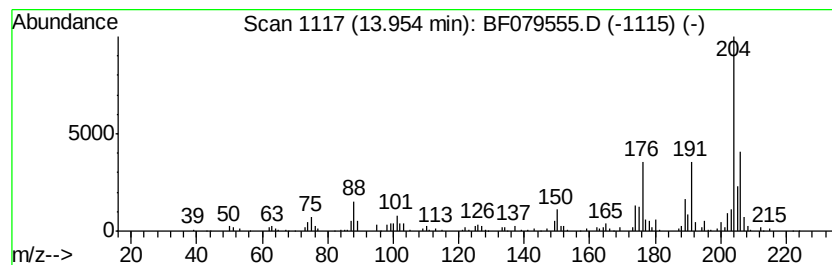
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.95	5.30 ng	200124	Phenanthrene-d10	12.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
3	Pyrimidine, 2-chloro-4-methyl-6-phenyl-	204	C11H9ClN2	032785-40-3	50
4	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Acq On : 28 May 2015 20:29
Operator : TP/IZ
Sample : G2408-03
Misc :
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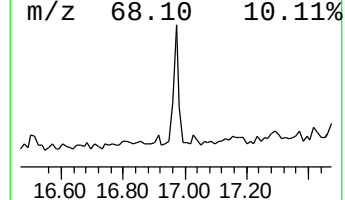
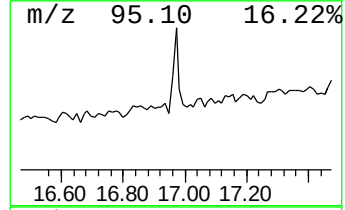
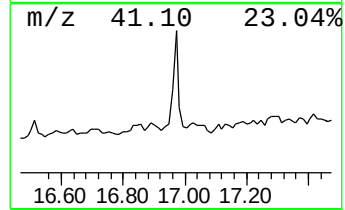
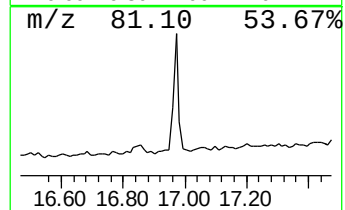
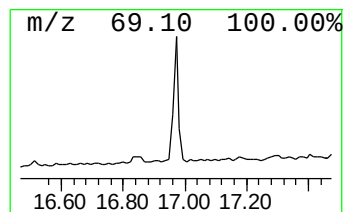
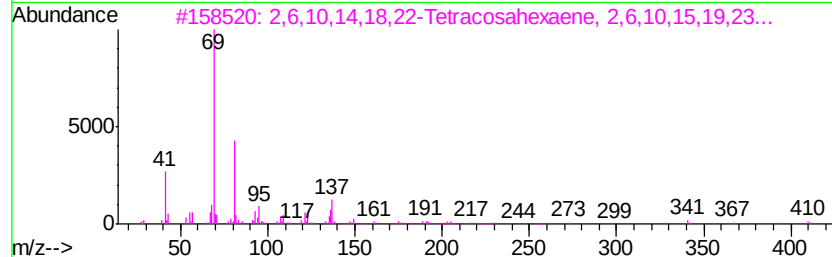
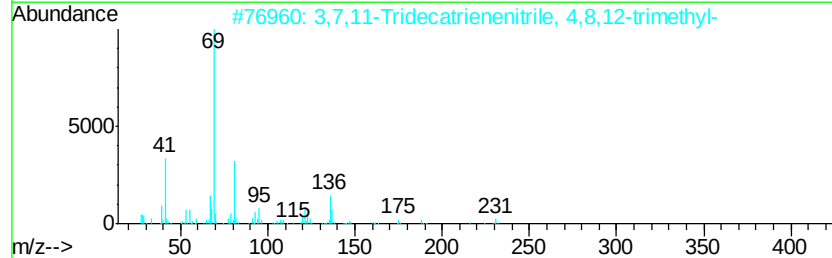
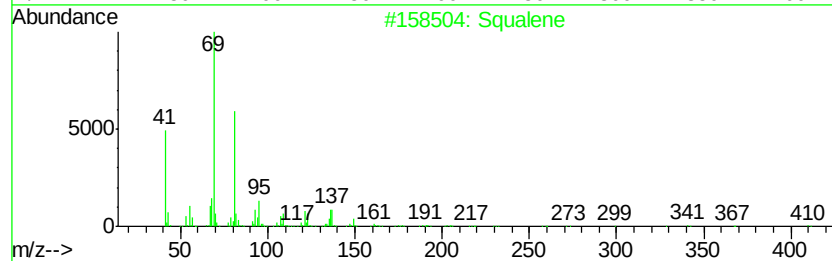
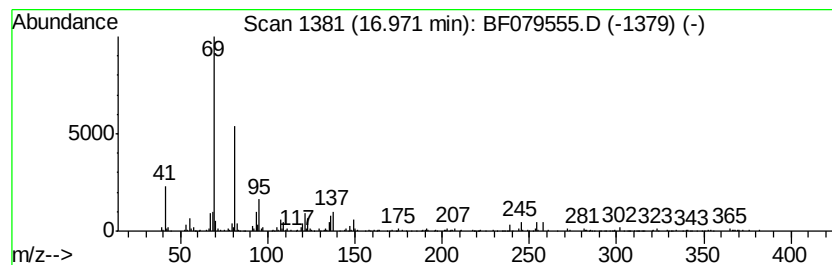
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	4.20 ng	199751	Perylene-d12	17.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	81
2	3,7,11-Tridecatrienitrile, 4,8...	231 C16H25N	006006-01-5	64
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	64
4	4,8,12-Tetradecatrienenitrile, 5...	245 C17H27N	005981-31-7	64
5	1,6-Octadien-3-ol, 3,7-dimethyl-...	182 C11H18O2	000115-99-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Operator : TP/IZ
Sample : G2408-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-24D

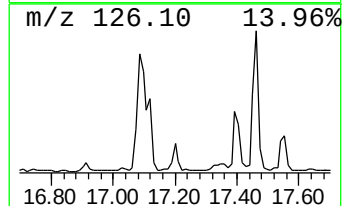
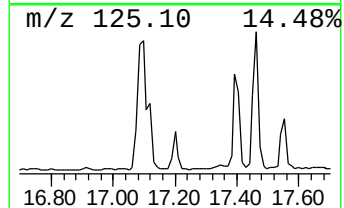
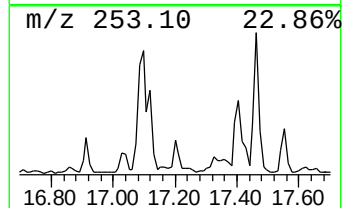
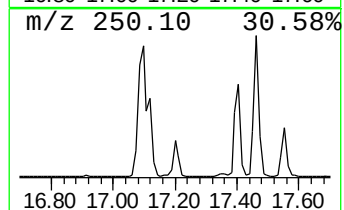
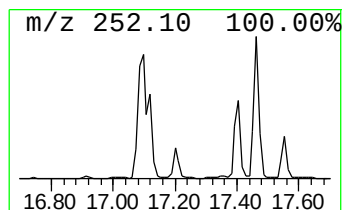
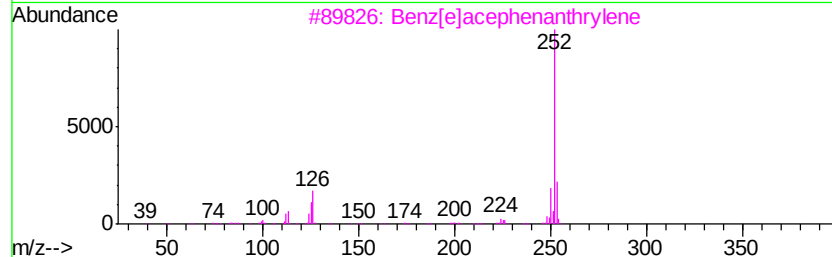
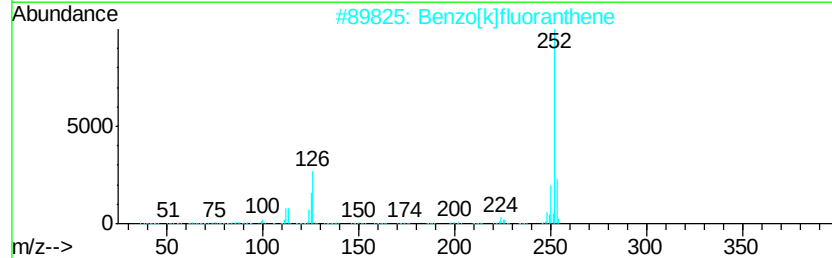
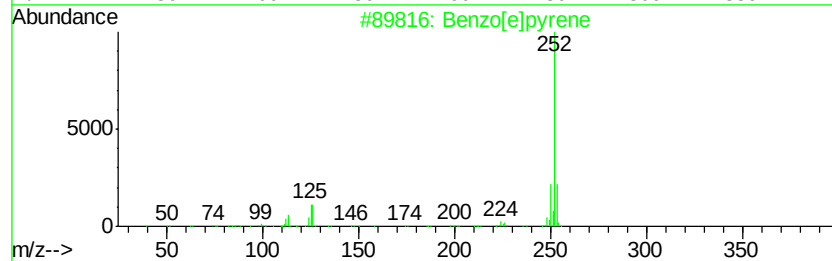
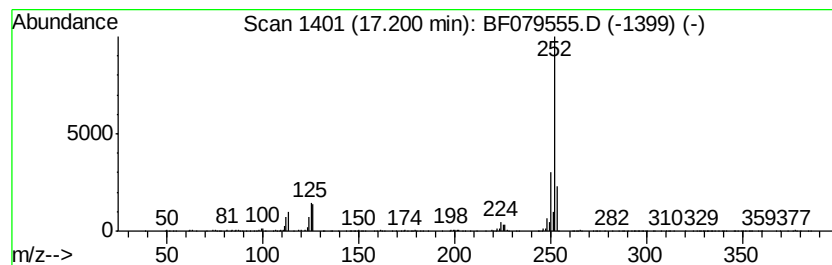
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	7.82 ng	371508	Perylene-d12	17.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Sample : G2408-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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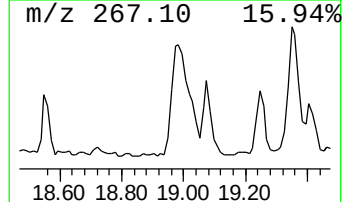
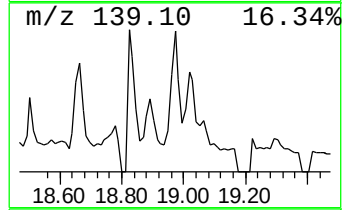
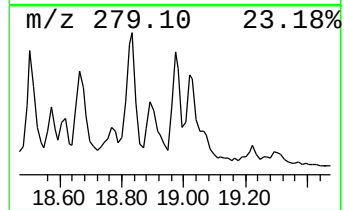
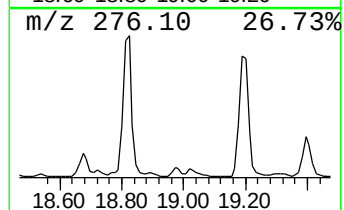
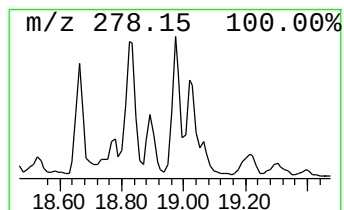
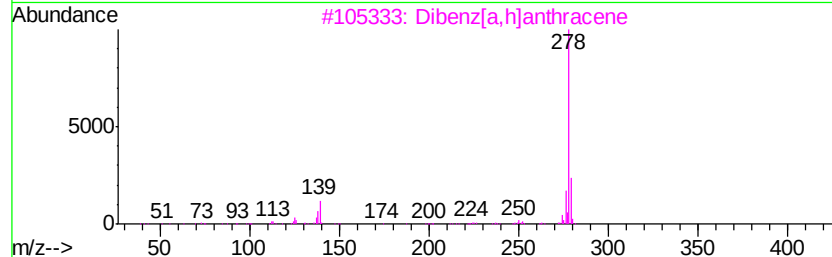
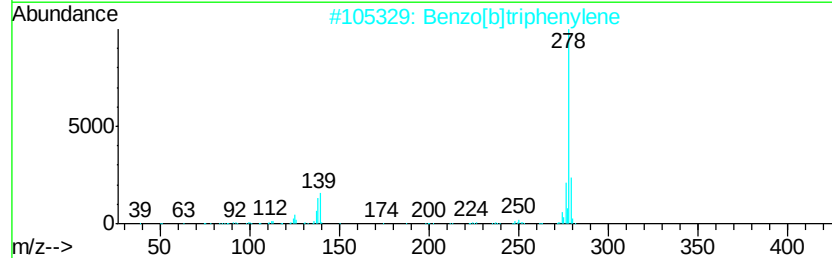
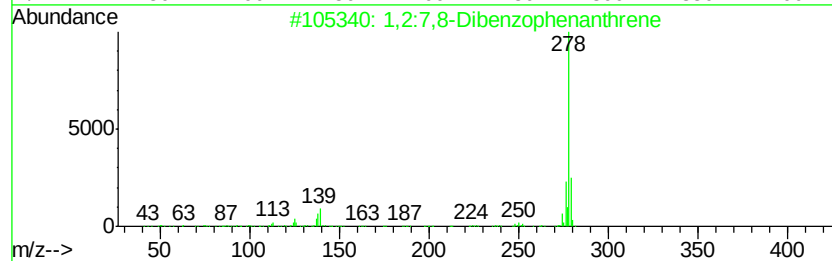
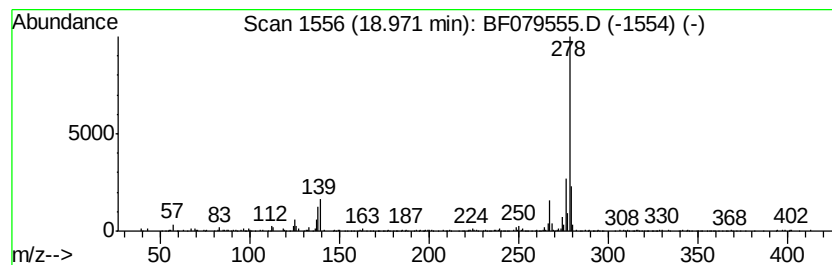
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	5.82 ng	276452	Perylene-d12	17.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	99
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	99
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4		Pentacene	278	C22H14	000135-48-8	96
5		Benzo[b]chrysene	278	C22H14	000214-17-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
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 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	9.5	ng	225884	1	6.96	475750	20.0
unknown6.68	6.68	65.7	ng	1561570	1	6.96	475750	20.0
9H-Fluorene, 2-me...	12.07	5.3	ng	201278	4	12.54	755843	20.0
Dibenzothiophene	12.41	5.5	ng	209274	4	12.54	755843	20.0
Phenanthrene, 2-m...	13.17	12.2	ng	460475	4	12.54	755843	20.0
Phenanthrene, 1-m...	13.20	12.9	ng	489221	4	12.54	755843	20.0
1H-Cyclopropa[l]p...	13.26	6.8	ng	257263	4	12.54	755843	20.0
4H-Cyclopenta[def...	13.30	31.2	ng	1180490	4	12.54	755843	20.0
Naphthalene, 2-ph...	13.54	7.3	ng	276745	4	12.54	755843	20.0
Phenanthrene, 2,5...	13.85	6.6	ng	250327	4	12.54	755843	20.0
unknown13.90	13.90	5.5	ng	207020	4	12.54	755843	20.0
1,2,4,8-Tetrameth...	13.95	5.3	ng	200124	4	12.54	755843	20.0
Squalene	16.97	4.2	ng	199751	6	17.52	950086	20.0
Benzo[e]pyrene	17.20	7.8	ng	371508	6	17.52	950086	20.0
1,2:7,8-Dibenzoph...	18.97	5.8	ng	276452	6	17.52	950086	20.0