

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083574.D
 Acq On : 7 Dec 2015 23:57
 Operator : UM/IZ
 Sample : G4579-11 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-NORTH-WALL

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-BF120415.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	3.996	199	202	220	rBV	1072424	2120208	2.49%	0.327%
2	5.287	312	315	324	rBV	1104844	2383880	2.80%	0.367%
3	5.413	324	326	332	rVB	1683623	2075736	2.44%	0.320%
4	5.939	369	372	383	rVB	1241037	1597759	1.88%	0.246%
5	6.544	423	425	430	rBV	982800	1211547	1.42%	0.187%
6	7.619	517	519	521	rBV	786889	1048327	1.23%	0.162%
7	8.202	567	570	578	rBV	747380	1318019	1.55%	0.203%
8	8.762	616	619	622	rVB	788206	1125193	1.32%	0.173%
9	8.899	627	631	642	rVB3	1171790	2369957	2.78%	0.365%
10	9.368	669	672	677	rVB	1741639	2201035	2.59%	0.339%
11	9.516	680	685	687	rBV	908367	1170999	1.38%	0.180%
12	9.779	703	708	711	rBV	489924	1148458	1.35%	0.177%
13	9.882	714	717	719	rBV	763561	1189000	1.40%	0.183%
14	10.076	730	734	737	rBV2	535188	1216644	1.43%	0.187%
15	10.191	741	744	751	rVB	1382663	2276343	2.67%	0.351%
16	10.488	760	770	772	rBV	6160332	12817490	15.06%	1.975%
17	10.556	774	776	779	rVB	806797	992853	1.17%	0.153%
18	10.773	790	795	799	rBV	5614523	10169195	11.95%	1.567%
19	11.333	839	844	846	rVB	6145625	12156740	14.28%	1.873%
20	11.402	846	850	853	rBV2	841283	2426255	2.85%	0.374%
21	11.448	853	854	856	rVV	1656177	1674111	1.97%	0.258%
22	11.516	859	860	863	rVV	1111689	1591393	1.87%	0.245%
23	11.585	863	866	871	rVV	2576320	3977792	4.67%	0.613%
24	11.722	874	878	881	rBV	2785285	5629017	6.61%	0.867%
25	11.779	881	883	888	rVB2	770118	1132753	1.33%	0.175%
26	11.928	892	896	902	rVB3	475440	1066378	1.25%	0.164%
27	12.214	917	921	922	rBV	1308989	2695706	3.17%	0.415%
28	12.248	922	924	927	rVV3	908669	1711843	2.01%	0.264%
29	12.339	927	932	934	rVV2	580706	1681181	1.98%	0.259%
30	12.442	938	941	943	rVV	1340840	2544398	2.99%	0.392%
31	12.476	943	944	947	rVV	919309	1925846	2.26%	0.297%
32	12.625	947	957	958	rVV	4771094	17949519	21.09%	2.765%
33	12.659	958	960	966	rVB	3386950	6868609	8.07%	1.058%
34	12.991	971	989	990	rBV	12538090	85116321	100.00%	13.113%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
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35	13.037	990	993	995	rVV	8188376	13973580	16.42%	2.153%
36	13.288	1006	1015	1019	rBV2	5305628	17973078	21.12%	2.769%
37	13.357	1019	1021	1022	rBV	1466746	1619437	1.90%	0.249%
38	13.391	1022	1024	1026	rVB2	865591	1216838	1.43%	0.187%
39	13.437	1026	1028	1030	rVB	1363499	1849449	2.17%	0.285%
40	13.517	1033	1035	1039	rVB2	708735	1401613	1.65%	0.216%
41	13.688	1043	1050	1051	rBV2	4559432	11878672	13.96%	1.830%
42	13.734	1051	1054	1057	rVV	4904202	9968250	11.71%	1.536%
43	13.814	1058	1061	1062	rBV	1332380	2685972	3.16%	0.414%
44	13.859	1062	1065	1067	rVV2	5791827	11144880	13.09%	1.717%
45	13.905	1067	1069	1070	rVV	3412268	5022808	5.90%	0.774%
46	13.939	1070	1072	1075	rVB	1606977	3292470	3.87%	0.507%
47	13.997	1075	1077	1079	rBV2	712308	1076489	1.26%	0.166%
48	14.054	1079	1082	1083	rBV2	613985	1313104	1.54%	0.202%
49	14.179	1088	1093	1094	rBV	4286958	8756919	10.29%	1.349%
50	14.339	1094	1107	1109	rVB	7258573	42201143	49.58%	6.501%
51	14.408	1110	1113	1116	rVB2	1412846	2719632	3.20%	0.419%
52	14.465	1116	1118	1120	rBV	1284846	1940771	2.28%	0.299%
53	14.500	1120	1121	1125	rVB	813539	1016441	1.19%	0.157%
54	14.580	1125	1128	1130	rBV	1095334	2320954	2.73%	0.358%
55	14.865	1144	1153	1156	rBV3	10222957	50535322	59.37%	7.785%
56	15.117	1170	1175	1178	rVB2	3188591	8472250	9.95%	1.305%
57	15.231	1178	1185	1186	rBV3	8294248	24516904	28.80%	3.777%
58	15.345	1194	1195	1198	rVB	2790996	3771510	4.43%	0.581%
59	15.448	1201	1204	1206	rBV	3930968	5898850	6.93%	0.909%
60	15.494	1206	1208	1212	rVV2	1331817	2777611	3.26%	0.428%
61	15.597	1212	1217	1220	rVV2	2580171	6232863	7.32%	0.960%
62	15.723	1223	1228	1230	rBV3	2527387	6822047	8.01%	1.051%
63	15.768	1230	1232	1235	rVB	3403295	5970564	7.01%	0.920%
64	15.871	1238	1241	1243	rVV	2066176	3461642	4.07%	0.533%
65	15.928	1243	1246	1256	rVV3	3930605	12528401	14.72%	1.930%
66	16.065	1256	1258	1260	rVB	1583630	2013649	2.37%	0.310%
67	16.111	1260	1262	1264	rBV2	1312356	1897640	2.23%	0.292%
68	16.157	1264	1266	1269	rVB3	992526	1901507	2.23%	0.293%
69	16.351	1281	1283	1286	rBV2	1615573	3475857	4.08%	0.535%
70	16.420	1286	1289	1295	rVV	1243957	3626830	4.26%	0.559%
71	16.591	1299	1304	1311	rVV	4115258	13592954	15.97%	2.094%

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72	16.717	1311	1315	1316	rVV2	2739606	6738920	7.92%	1.038%
73	16.751	1316	1318	1320	rVV	4622675	8536426	10.03%	1.315%
74	16.785	1320	1321	1322	rVV	2691825	2693143	3.16%	0.415%
75	16.820	1322	1324	1326	rVV	2010254	3230437	3.80%	0.498%
76	16.945	1326	1335	1337	rVV2	7457585	27029739	31.76%	4.164%
77	16.980	1337	1338	1340	rVV2	948964	989402	1.16%	0.152%
78	17.071	1342	1346	1347	rVV	3812883	9705180	11.40%	1.495%
79	17.151	1349	1353	1357	rVV3	7771705	20941026	24.60%	3.226%
80	17.220	1357	1359	1363	rVV2	2322042	3387142	3.98%	0.522%
81	17.357	1369	1371	1373	rVB	1407243	1701996	2.00%	0.262%
82	17.403	1373	1375	1377	rVB2	1039189	1481085	1.74%	0.228%
83	17.448	1377	1379	1380	rBV	702259	997594	1.17%	0.154%
84	17.586	1387	1391	1392	rBV2	1432428	2557676	3.00%	0.394%
85	17.620	1392	1394	1395	rVB2	1148988	1001088	1.18%	0.154%
86	17.666	1395	1398	1399	rBV	2381649	3596732	4.23%	0.554%
87	17.734	1402	1404	1405	rBV	1689011	2036354	2.39%	0.314%
88	17.814	1410	1411	1415	rVB	735404	1186144	1.39%	0.183%
89	17.986	1422	1426	1429	rBV	1392734	2994685	3.52%	0.461%
90	18.168	1436	1442	1444	rBV	3246560	5802200	6.82%	0.894%
91	18.340	1450	1457	1461	rVV2	5773318	21062356	24.75%	3.245%
92	18.420	1463	1464	1466	rVV2	871210	1292838	1.52%	0.199%
93	18.488	1469	1470	1473	rVV	504833	1076521	1.26%	0.166%
94	18.591	1476	1479	1481	rVV	3796697	6193816	7.28%	0.954%
95	18.637	1481	1483	1487	rVV	2304780	4061462	4.77%	0.626%
96	18.717	1489	1490	1495	rVV2	840686	1451963	1.71%	0.224%
97	19.620	1565	1569	1572	rVV3	312415	931782	1.09%	0.144%
98	19.769	1579	1582	1587	rVV2	624705	1756956	2.06%	0.271%
99	19.929	1593	1596	1600	rVV2	1473417	2997883	3.52%	0.462%
100	20.294	1625	1628	1637	rVB	864205	2216868	2.60%	0.342%

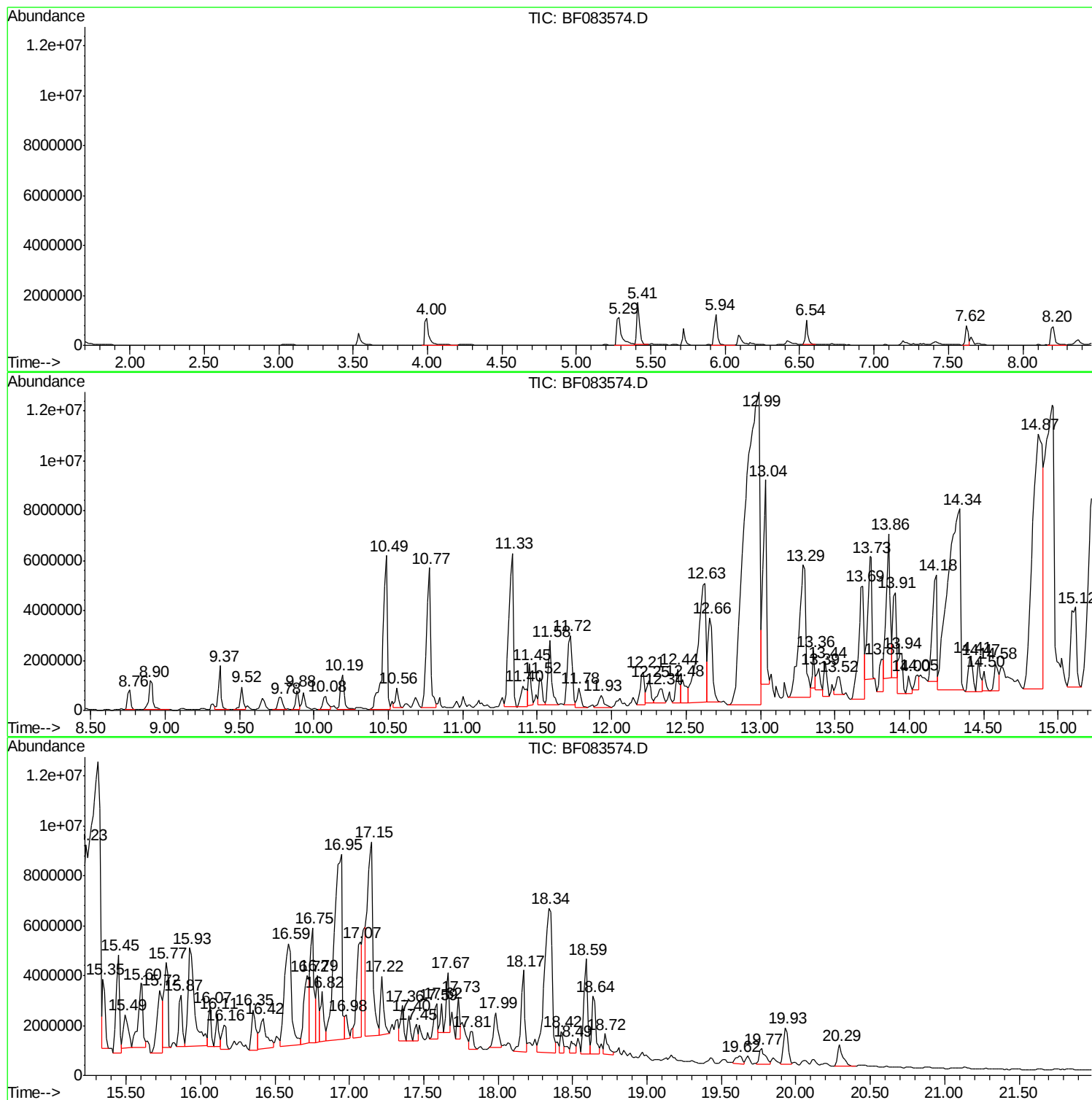
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Instrument :
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ClientSampleId :
SHED-NORTH-WALL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.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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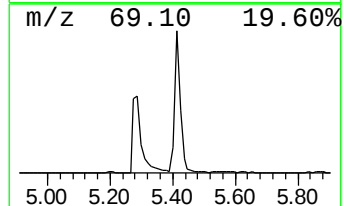
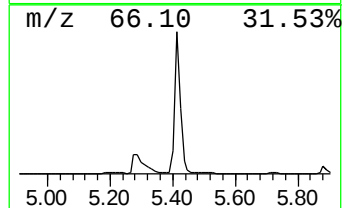
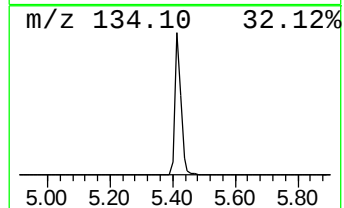
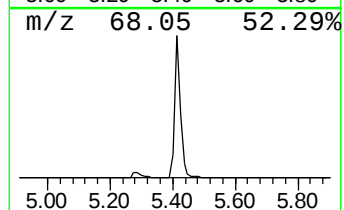
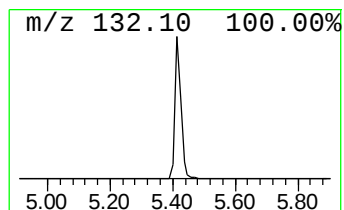
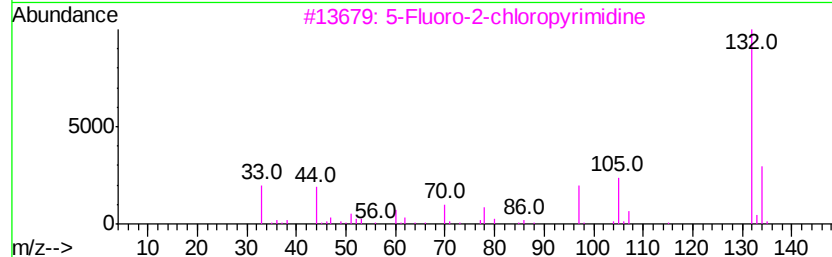
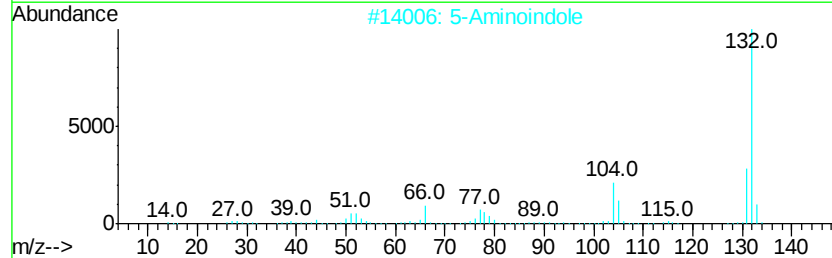
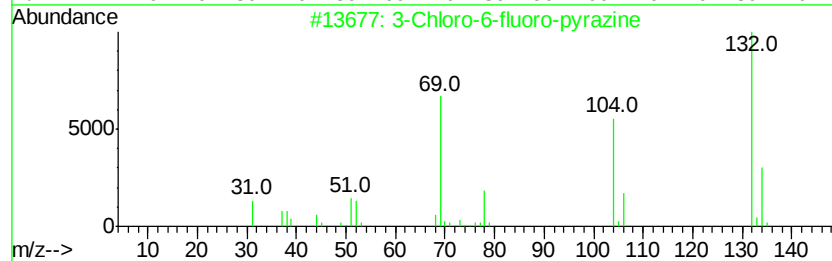
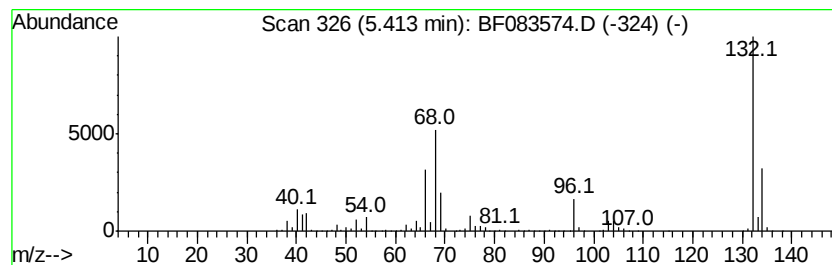
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.41 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.41	25.98 ng	2075740	1,4-Dichlorobenzene-d4	5.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	2-Cyclohexen-1-one			96	C6H8O	000930-68-7	10



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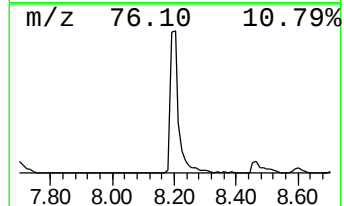
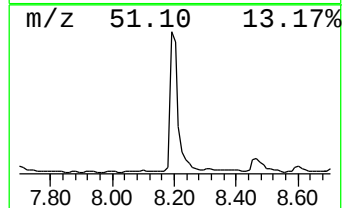
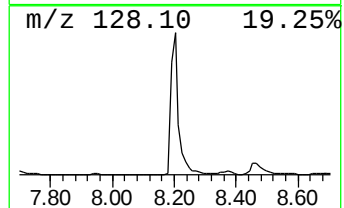
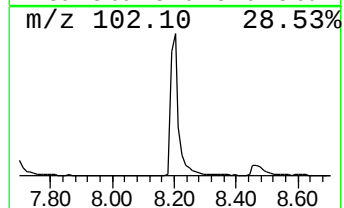
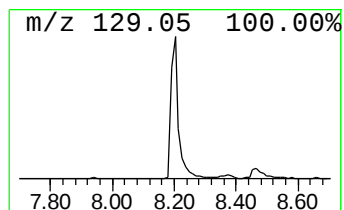
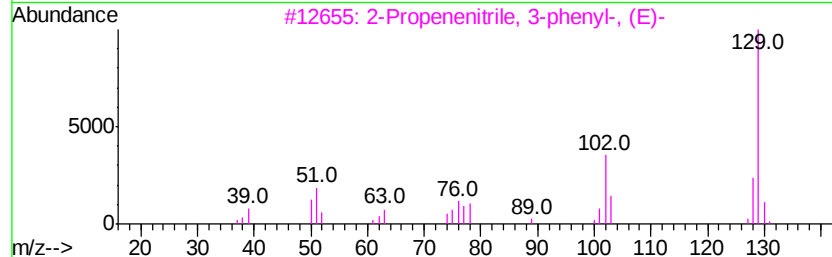
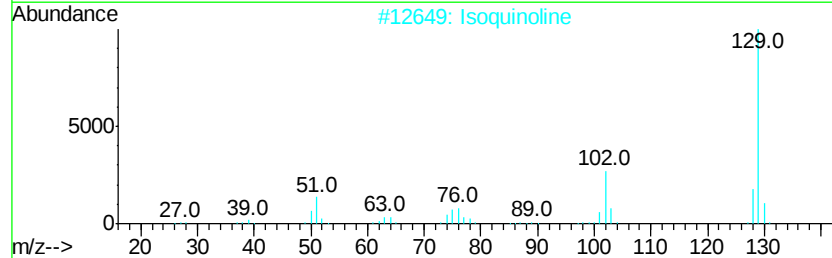
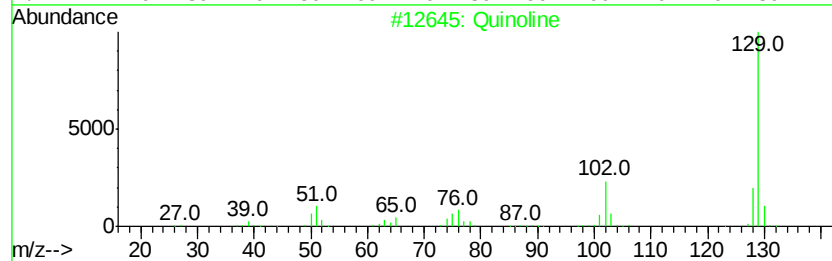
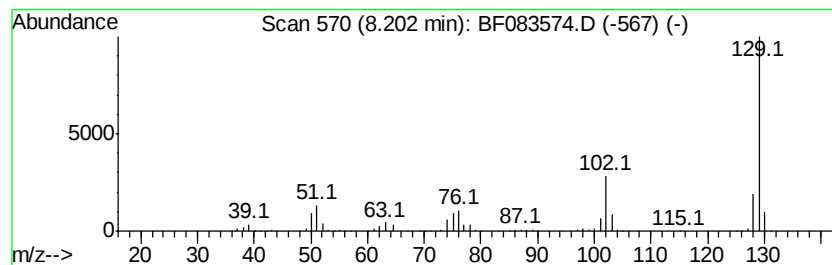
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Quinoline Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	25.15 ng	1318020	Naphthalene-d8	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline	129	C9H7N	000091-22-5	97
2		Isoquinoline	129	C9H7N	000119-65-3	96
3		2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	91
4		Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	90
5		2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	87



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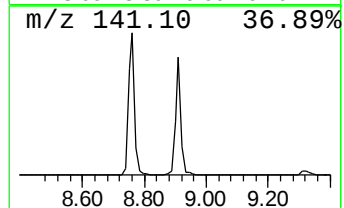
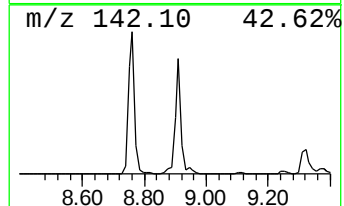
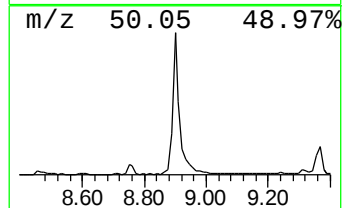
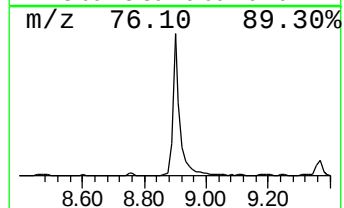
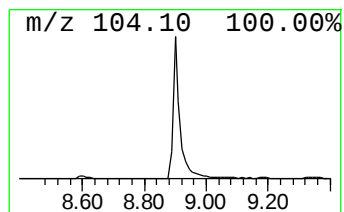
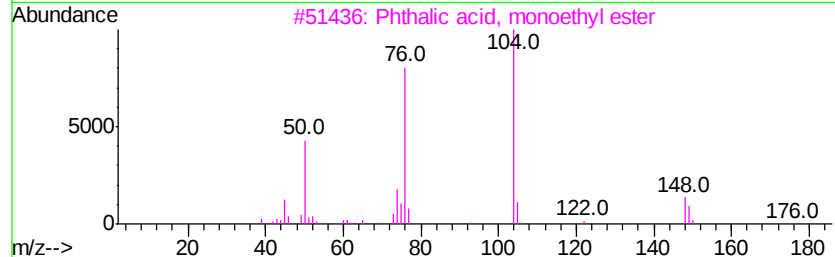
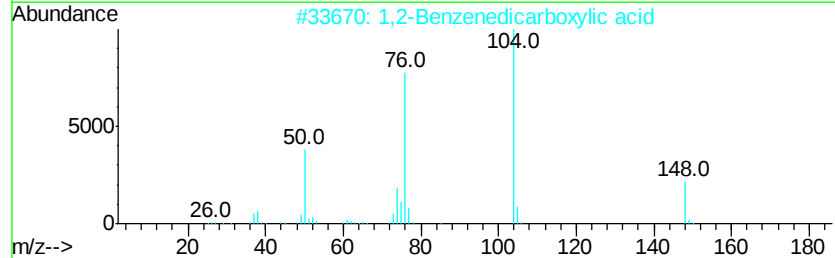
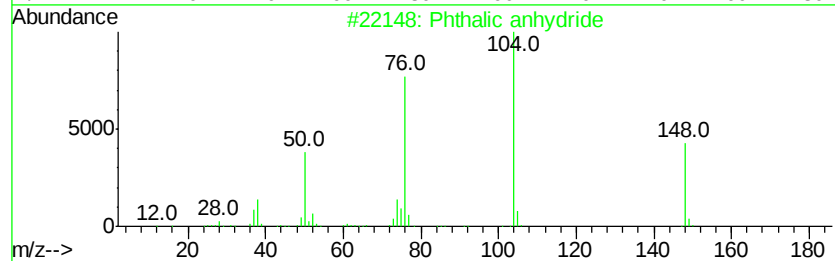
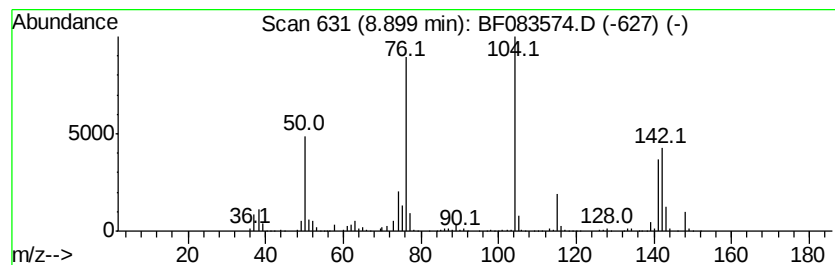
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	45.21 ng	2369960	Naphthalene-d8	7.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic anhydride	148	C8H4O3	000085-44-9	94
2		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	80
3		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	72
4		Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	72
5		Phthalamic acid	165	C8H7NO3	000088-97-1	56



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Operator : UM/IZ
Sample : G4579-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SHED-NORTH-WALL

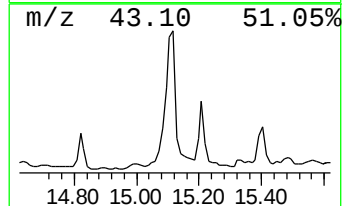
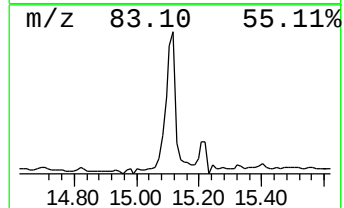
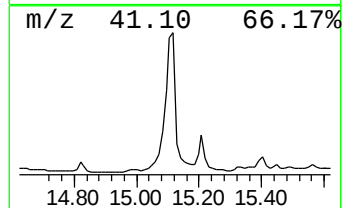
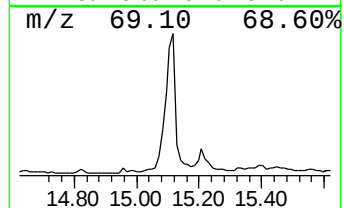
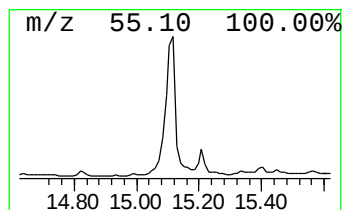
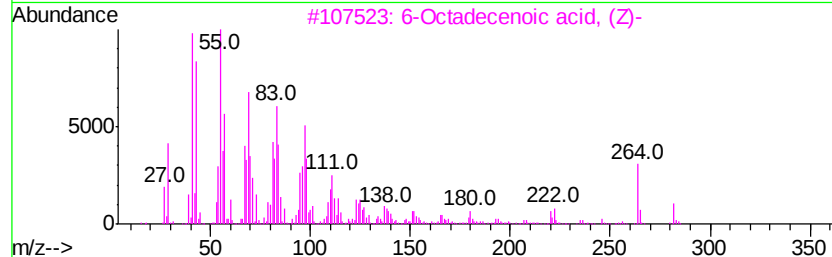
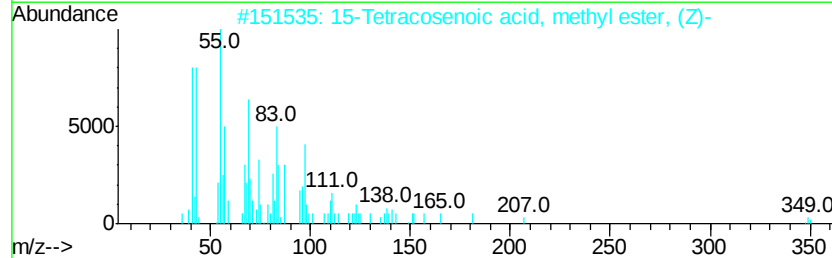
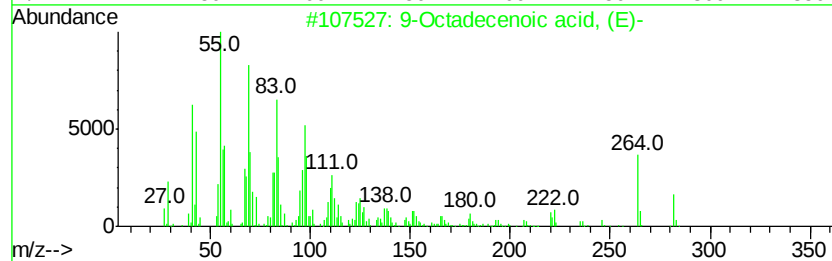
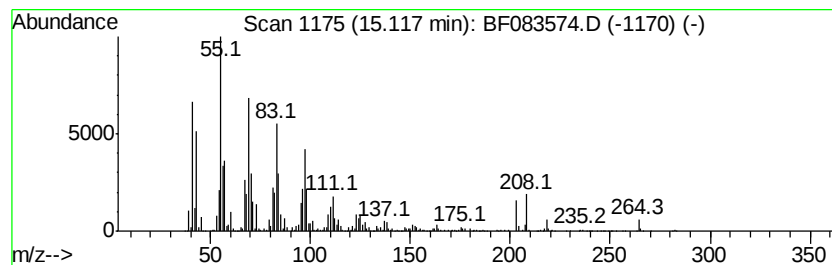
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	17.46 ng	8472250	Chrysene-d12	17.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	87
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	64
3		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	60
4		Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-95-1	53
5		Cyclohexadecane	224	C16H32	000295-65-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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ClientSampleId :
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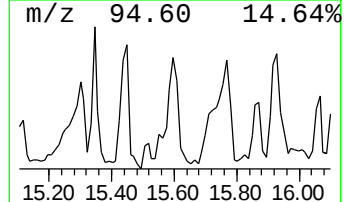
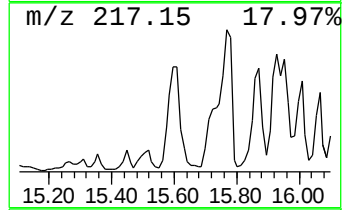
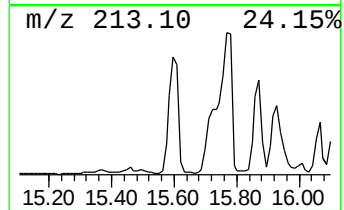
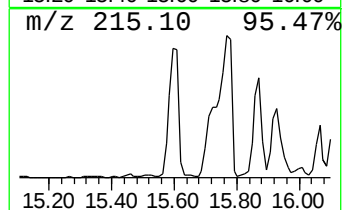
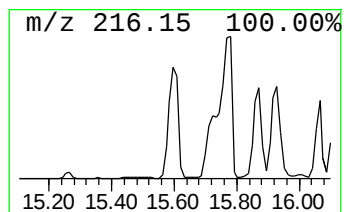
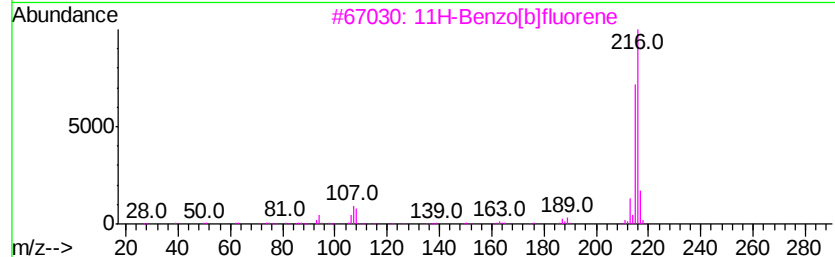
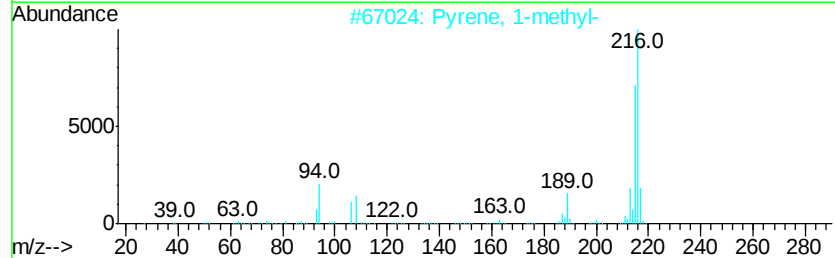
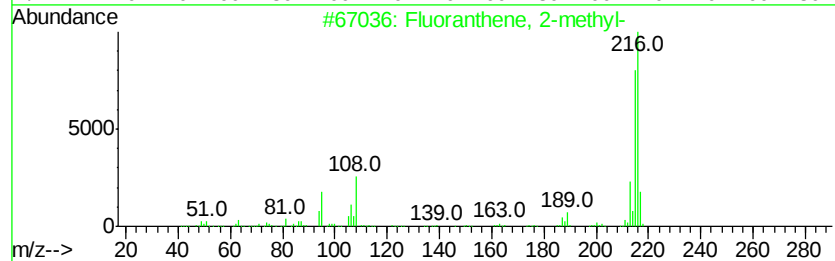
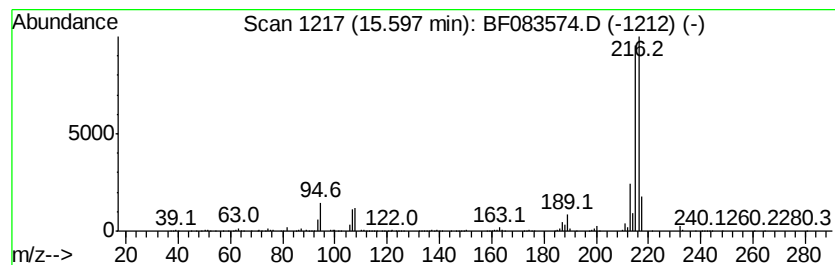
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	12.84 ng	6232860	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083574.D
Acq On : 7 Dec 2015 23:57
Operator : UM/IZ
Sample : G4579-11 2X
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SHED-NORTH-WALL

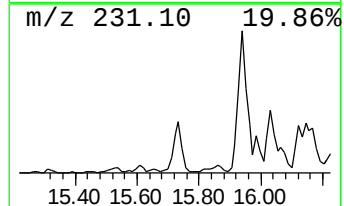
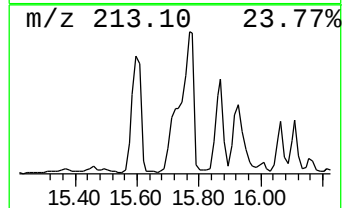
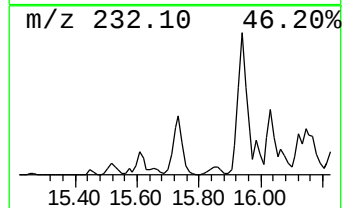
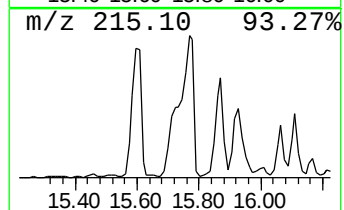
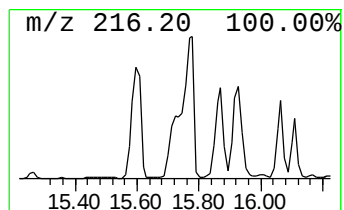
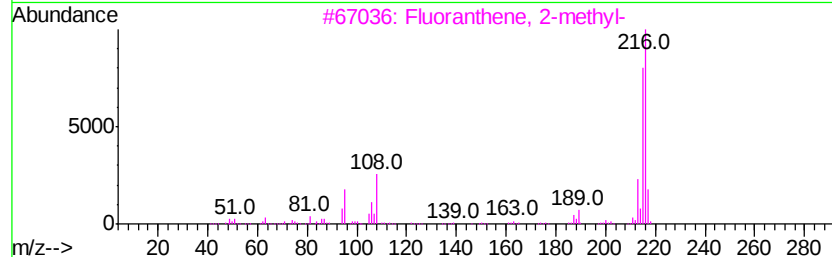
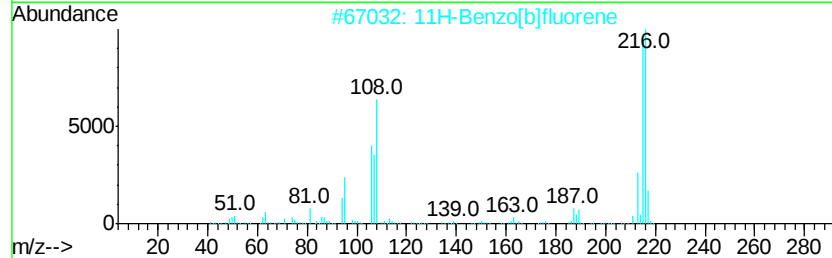
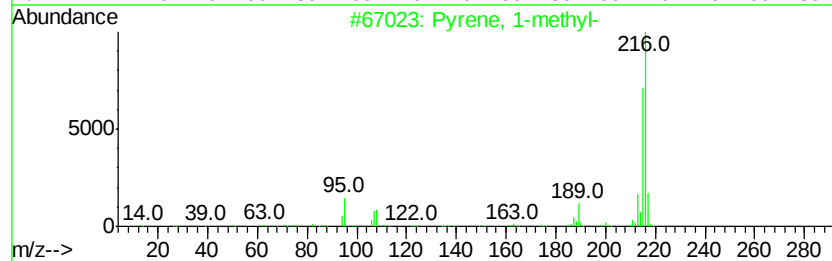
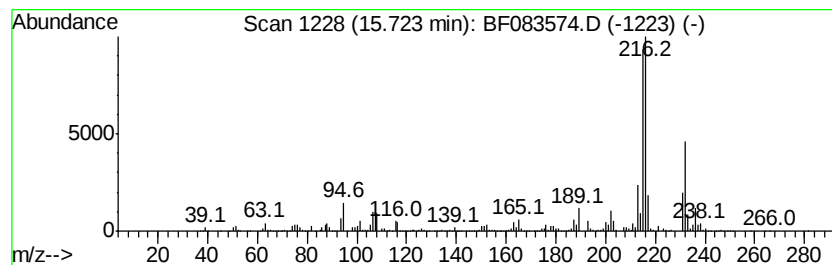
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	14.06 ng	6822050	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083574.D
Acq On : 7 Dec 2015 23:57
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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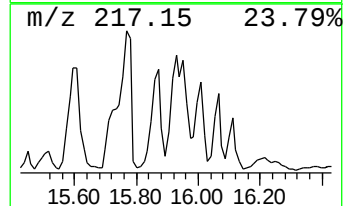
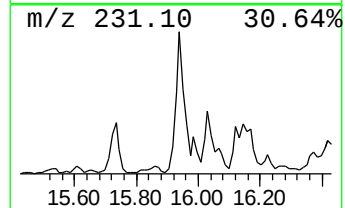
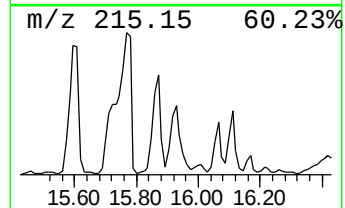
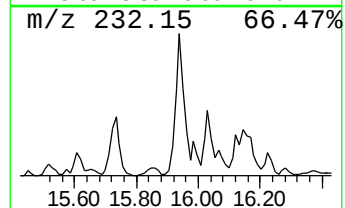
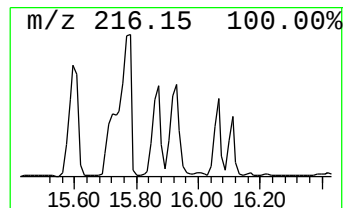
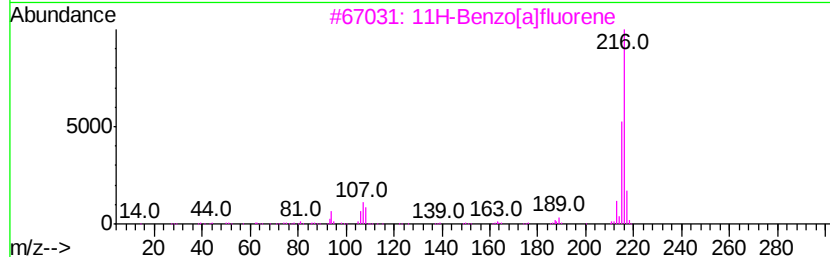
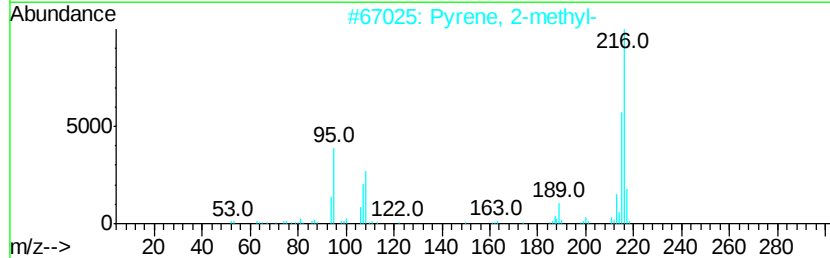
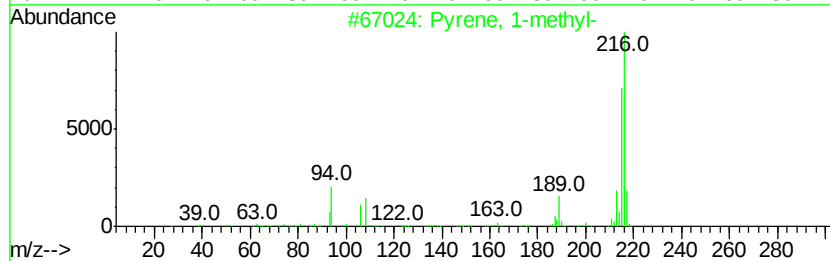
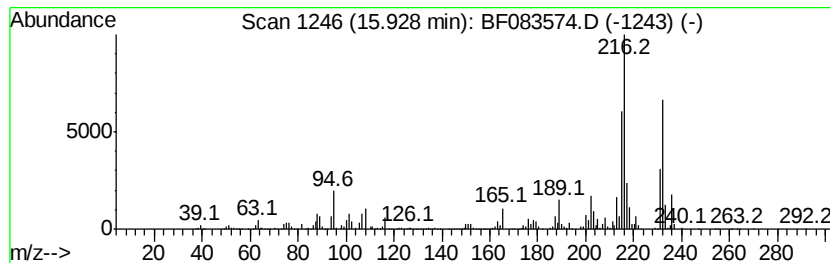
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	25.82 ng	12528400	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3		11H-Benzo[<i>a</i>]fluorene	216	C17H12	000238-84-6	53
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
5		1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
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Sample : G4579-11 2X
Misc :
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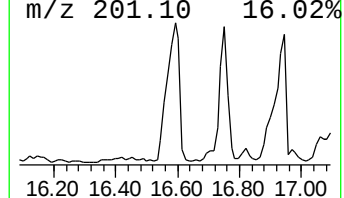
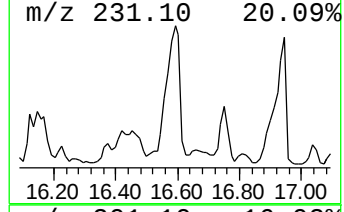
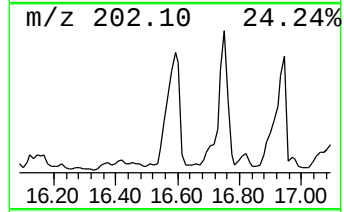
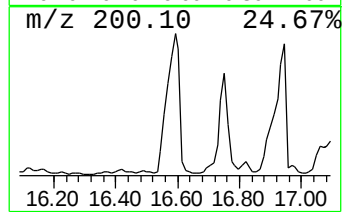
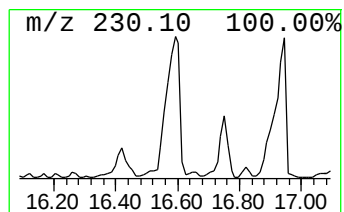
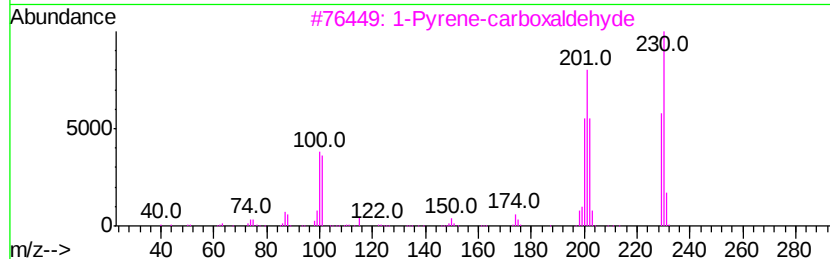
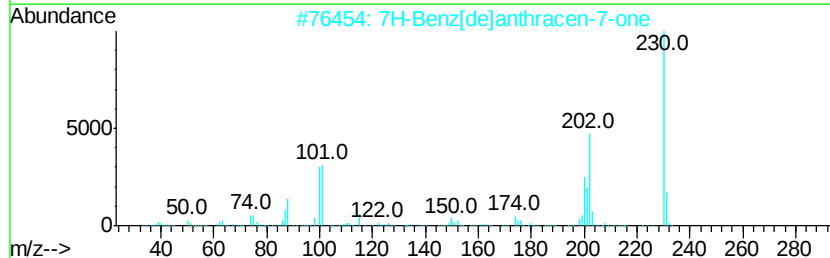
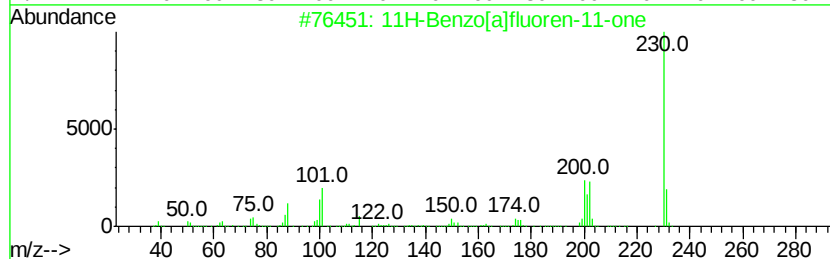
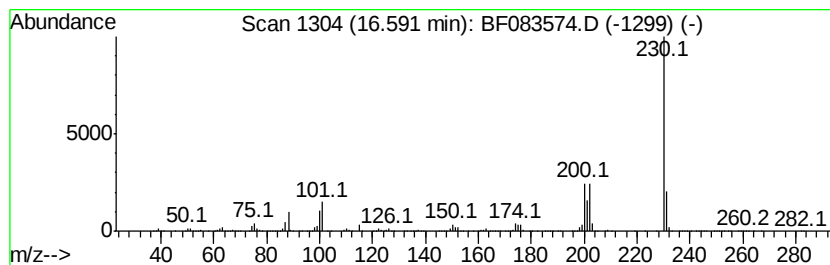
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.59	28.01 ng	13593000	Chrysene-d12	17.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		1-Pyrene-carboxaldehyd	230	C17H10O	003029-19-4	72
4		o-Terphenyl	230	C18H14	000084-15-1	64
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
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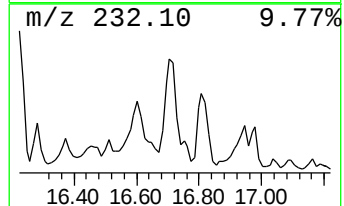
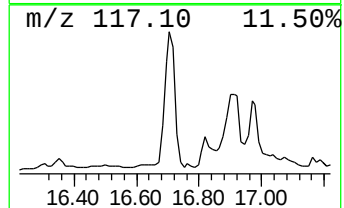
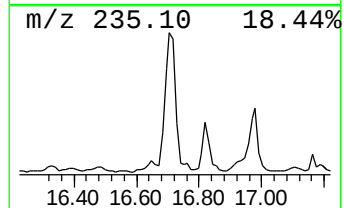
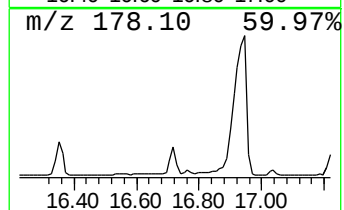
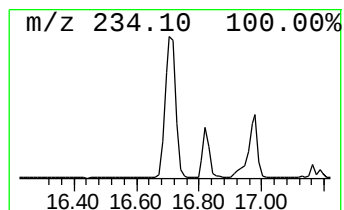
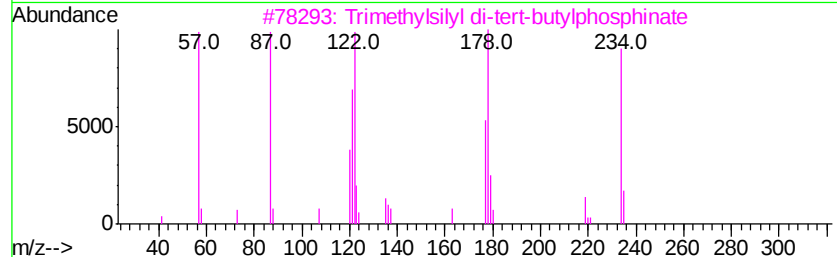
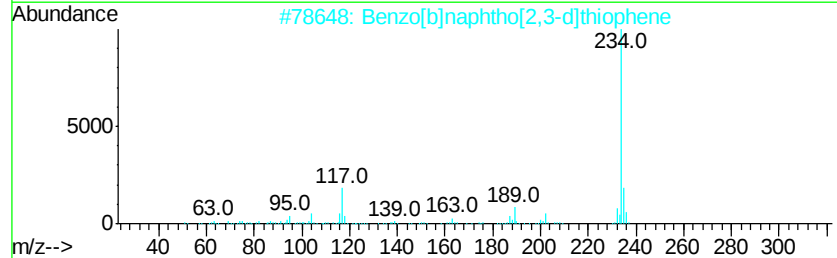
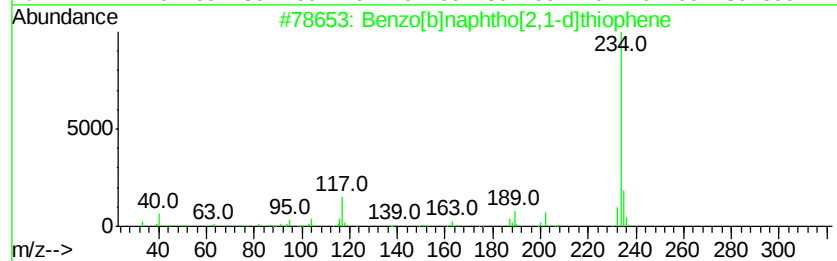
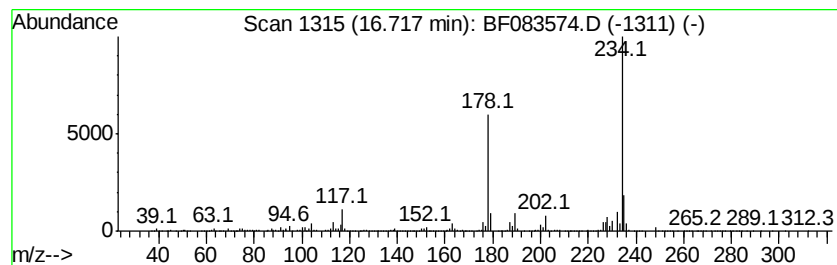
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	13.89 ng	6738920	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	92
3		Trimethylsilyl di-tert-butylphos...	234	C11H27OPSi	053483-28-6	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
5		Cyclobutenedione, diphenyl-	234	C16H10O2	024234-76-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083574.D
Acq On : 7 Dec 2015 23:57
Operator : UM/IZ
Sample : G4579-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SHED-NORTH-WALL

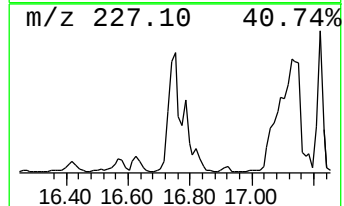
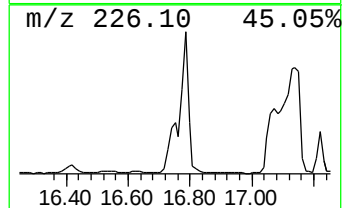
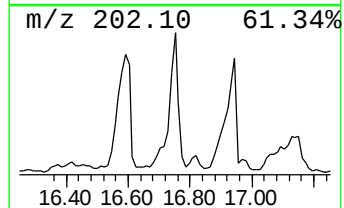
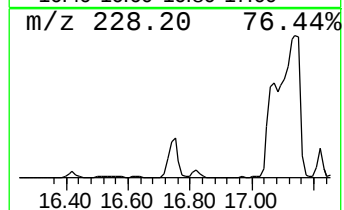
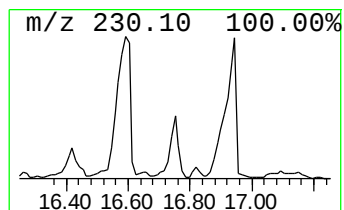
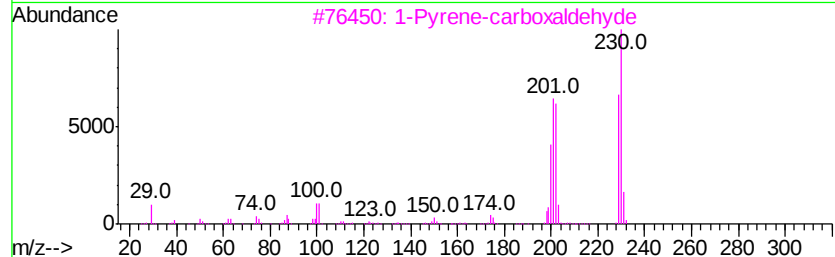
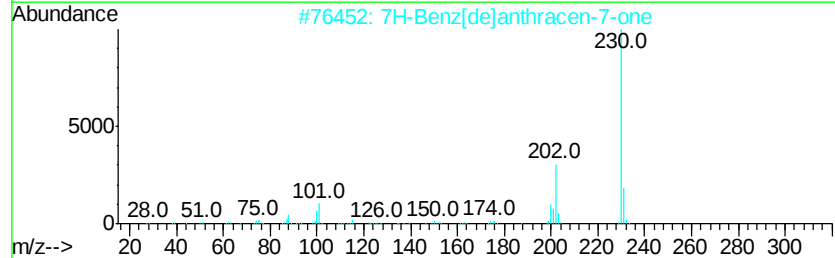
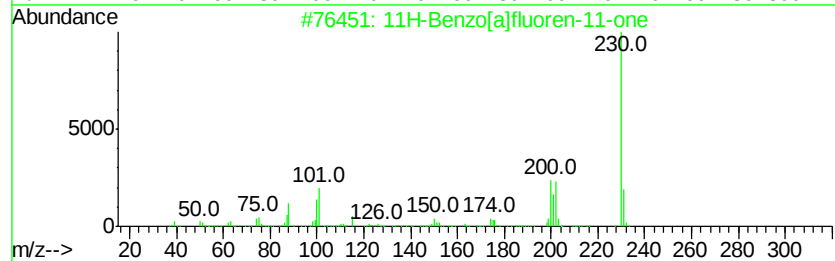
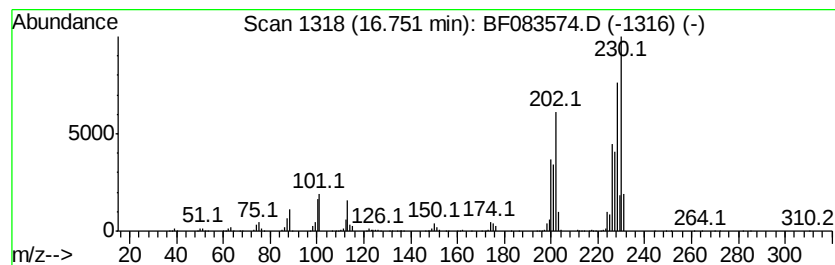
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	17.59 ng	8536430	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	46
4		1-Bromo-2,3,5,6-tetrafluorobenzene	228	C6HBrF4	001559-88-2	38
5		5,6-Dihydrochrysene	230	C18H14	002091-92-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083574.D
Acq On : 7 Dec 2015 23:57
Operator : UM/IZ
Sample : G4579-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SHED-NORTH-WALL

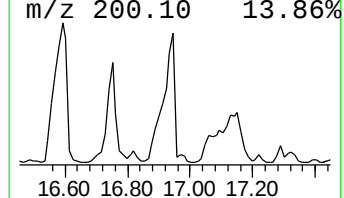
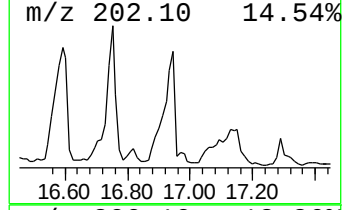
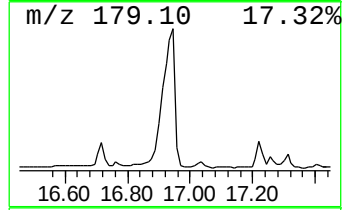
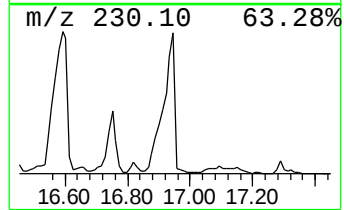
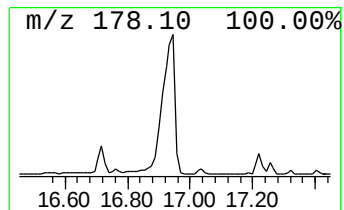
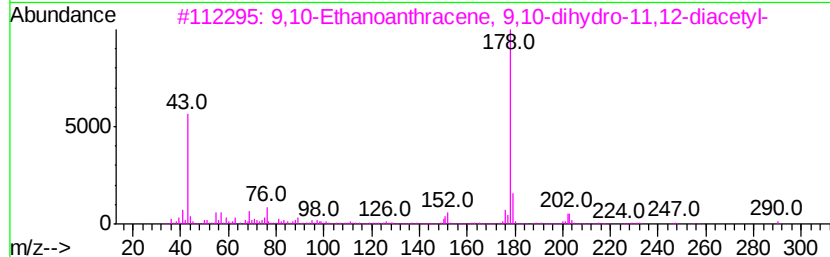
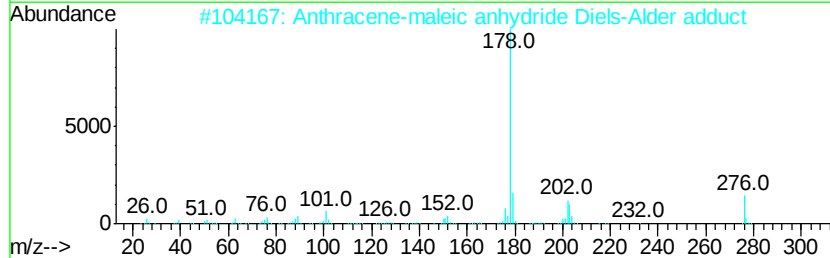
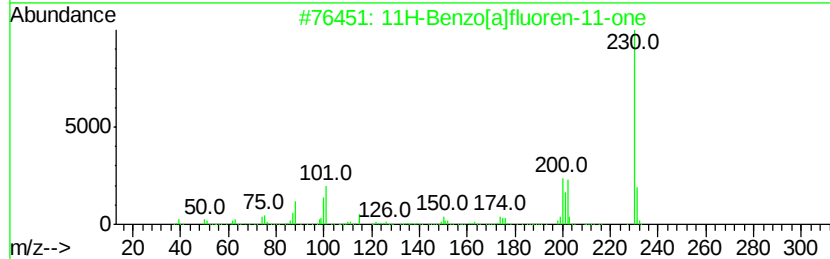
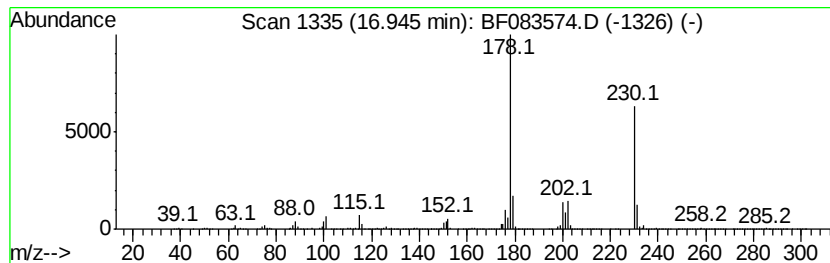
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	55.70 ng	27029700	Chrysene-d12	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		Anthracene-maleic anhydride Diel...	276	C18H12O3	005443-16-3	47
3		9,10-Ethanoanthracene, 9,10-dihv...	290	C20H18O2	1000210-11-9	47
4		Diphenylethyne	178	C14H10	000501-65-5	45
5		2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083574.D
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Operator : UM/IZ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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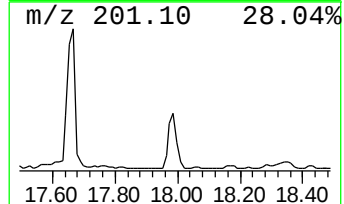
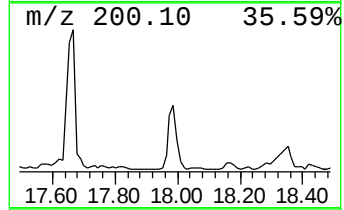
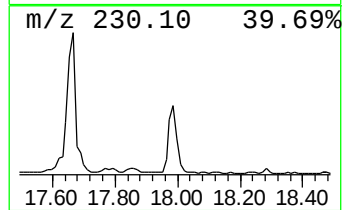
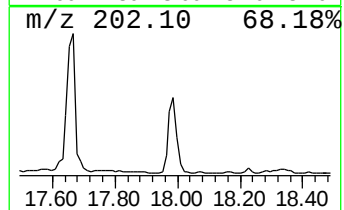
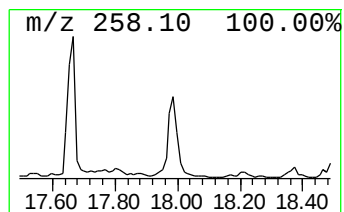
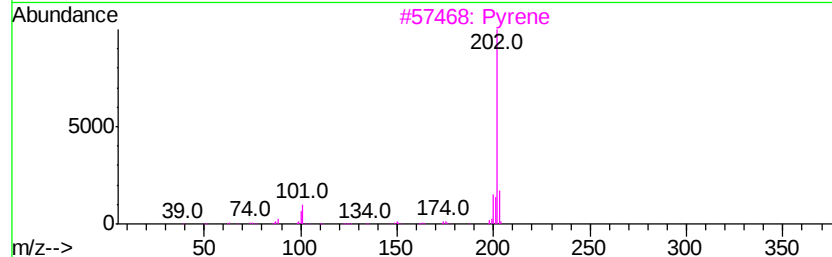
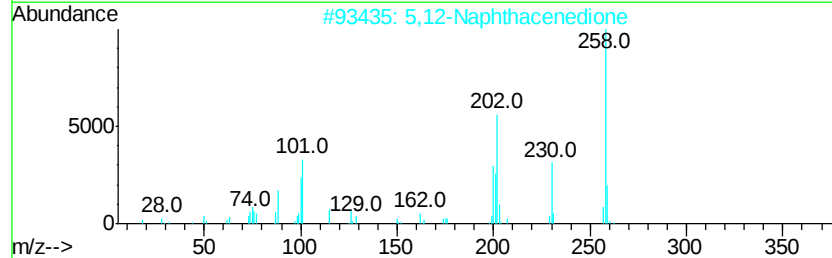
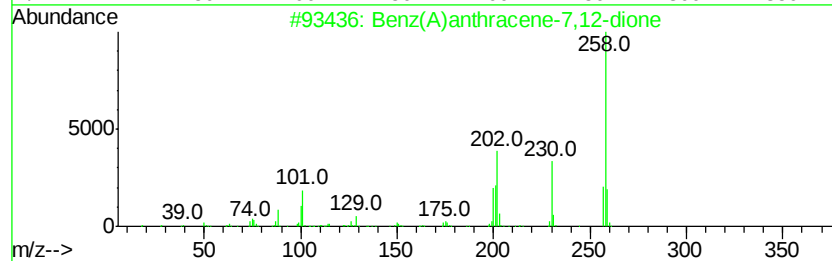
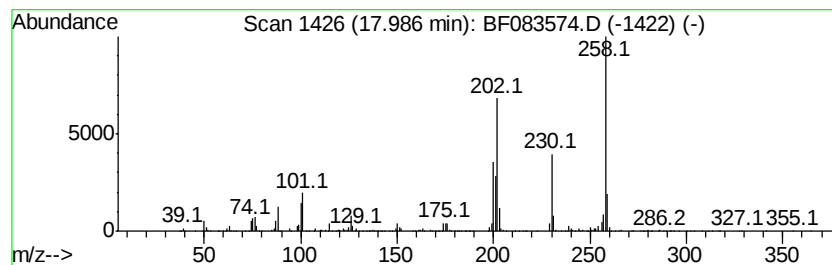
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz(A)anthracene-7,12-dione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	41.25 ng	2994690	Perylene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	95
3		Pvrene	202	C16H10	000129-00-0	72
4		Fluoranthene	202	C16H10	000206-44-0	60
5		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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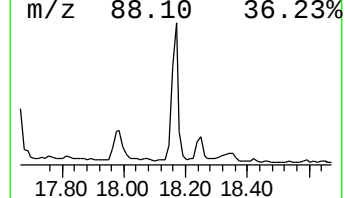
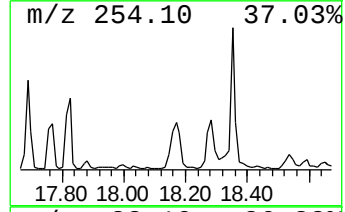
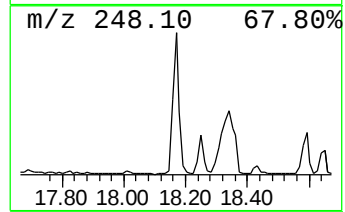
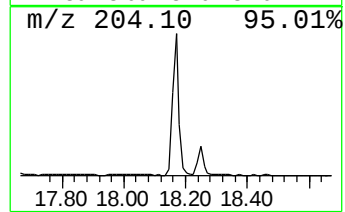
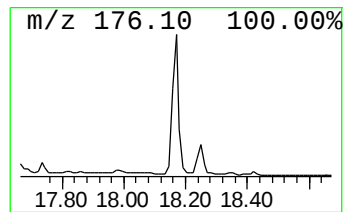
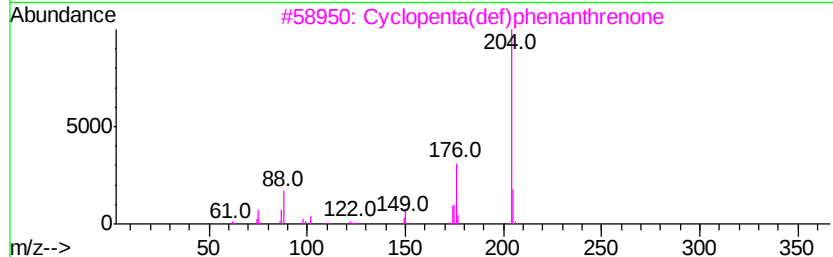
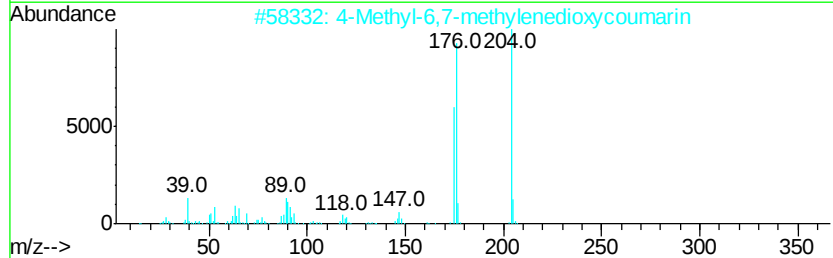
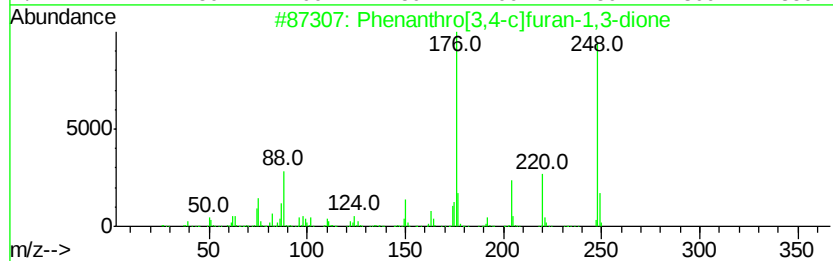
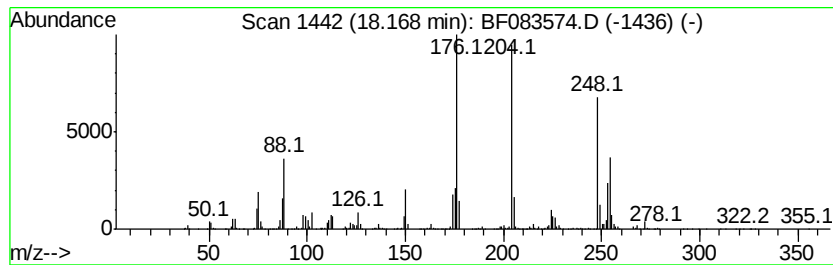
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown18.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	79.92 ng	5802200	Perylene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	46
2		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	38
3		Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	27
4		1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	25
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083574.D
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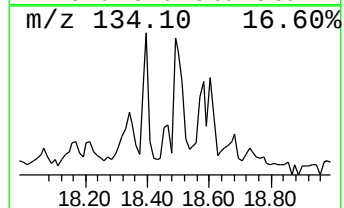
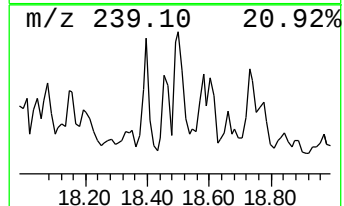
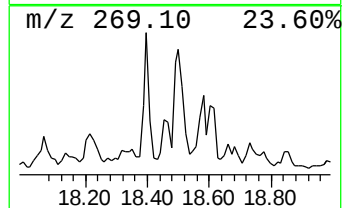
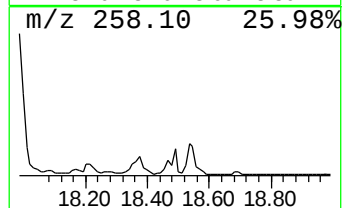
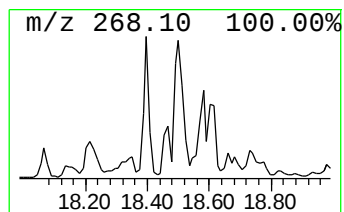
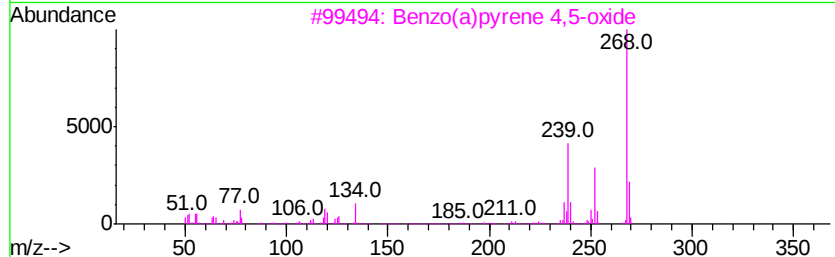
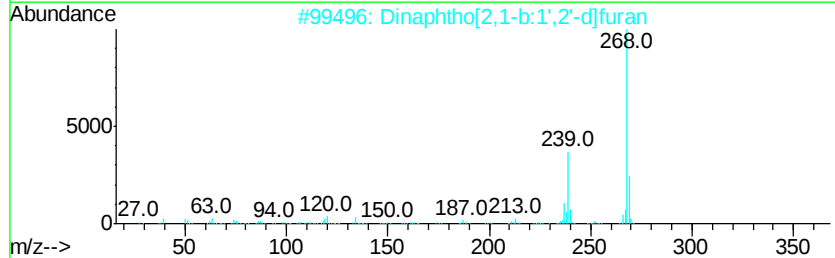
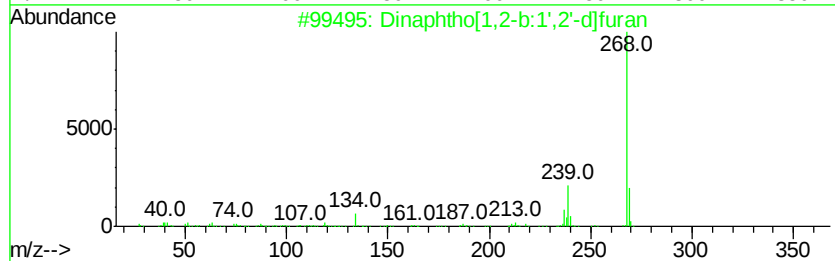
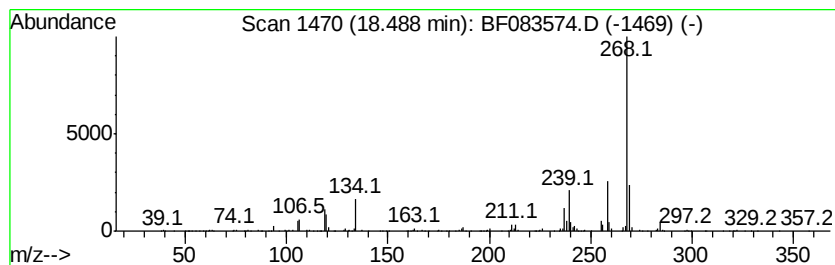
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	14.83 ng	1076520	Perylene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
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ClientSampleId :
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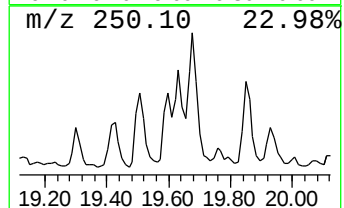
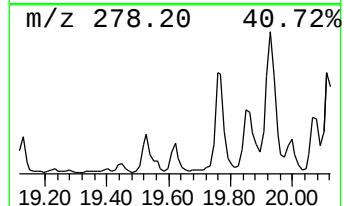
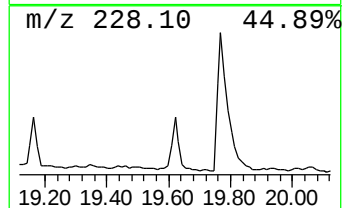
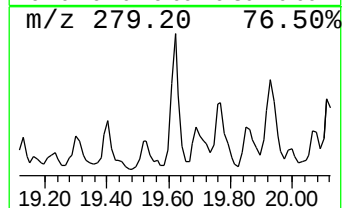
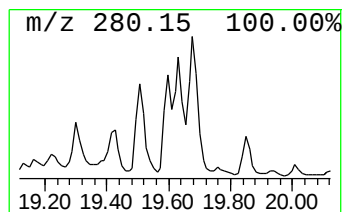
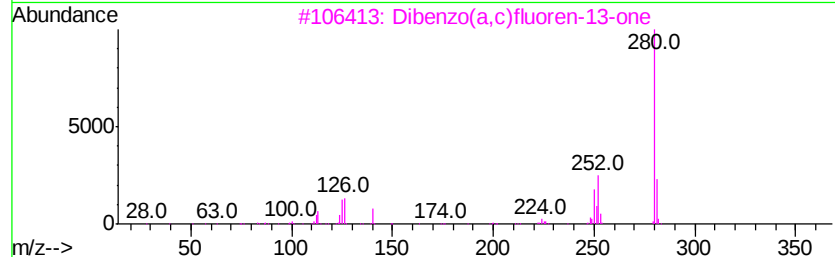
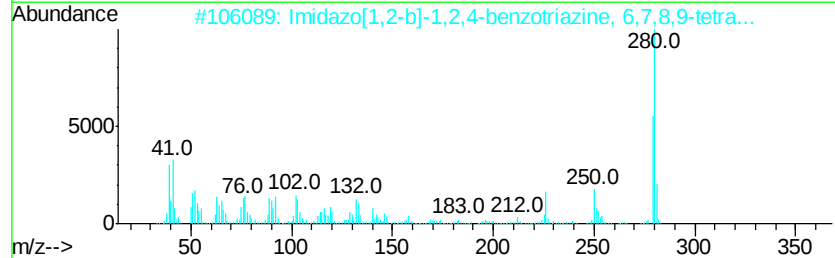
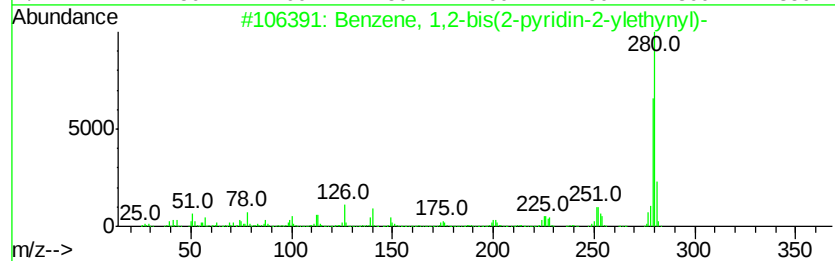
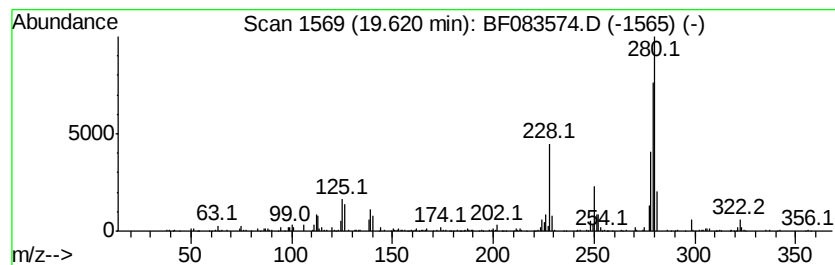
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1,2-bis(2-pyridin-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	12.83 ng	931782	Perylene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-bis(2-pyridin-2-yle...	280	C20H12N2	350587-04-1	83
2		Imidazo[1,2-b]-1,2,4-benzotriazi...	280	C16H16N4O	1000277-17-5	58
3		Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	52
4		(9E)-Styrylanthracene	280	C22H16	001895-98-3	49
5		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	49



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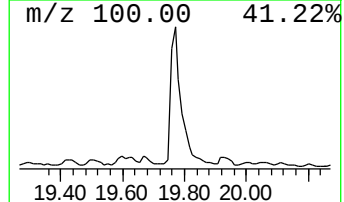
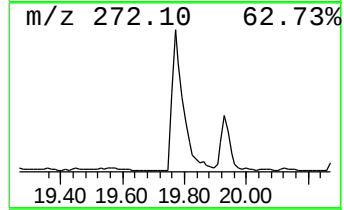
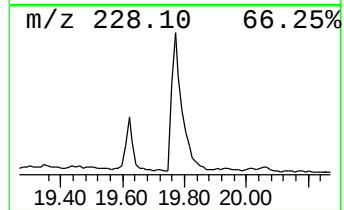
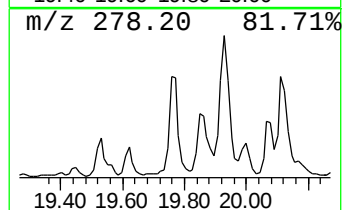
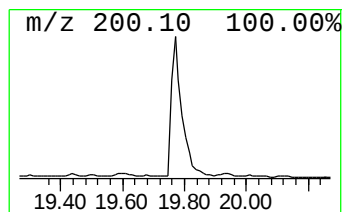
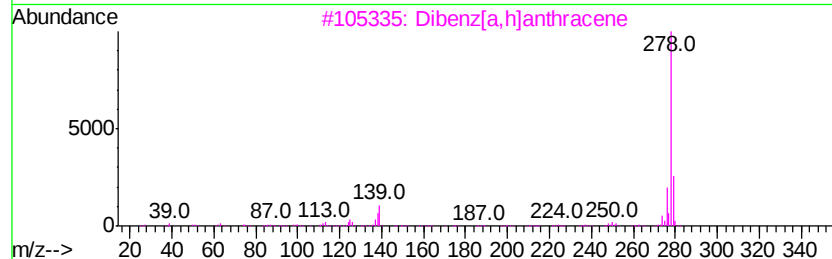
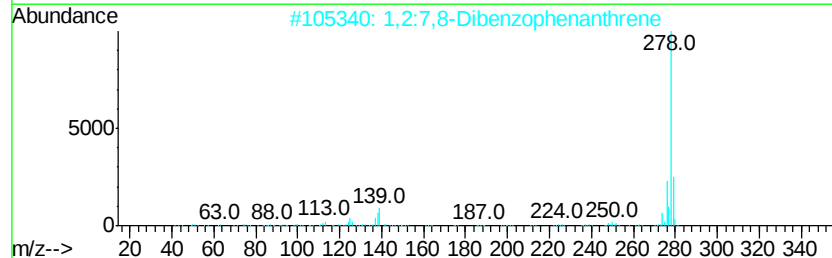
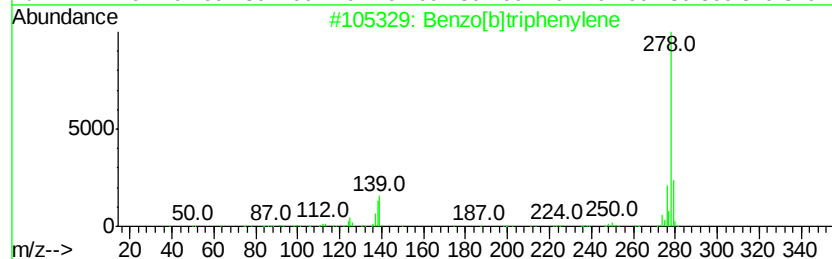
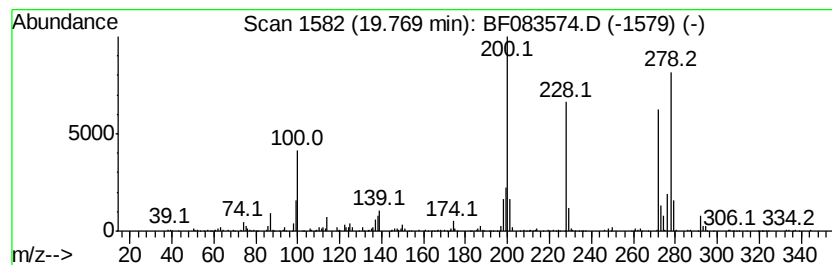
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	24.20 ng	1756960	Perylene-d12	18.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	25
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	15
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	15
4		Pentacene	278	C22H14	000135-48-8	15
5		1-Ethyl-2-methyl-4,4-diphenyl-2-...	278	C18H18N2O	094514-26-8	11



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Instrument :
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 ClientSampleId :
 SHED-NORTH-WALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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
unknown5.41	5.41	26.0	ng	2075740	1	5.72	1597760	20.0
Quinoline	8.20	25.1	ng	1318020	2	7.62	1048330	20.0
Phthalic anhydride	8.90	45.2	ng	2369960	2	7.62	1048330	20.0
9-Octadecenoic ac...	15.12	17.5	ng	8472250	5	17.11	9705180	20.0
Fluoranthene, 2-m...	15.60	12.8	ng	6232860	5	17.11	9705180	20.0
Pyrene, 1-methyl-	15.72	14.1	ng	6822050	5	17.11	9705180	20.0
Pyrene, 2-methyl-	15.93	25.8	ng	12528400	5	17.11	9705180	20.0
11H-Benzo[a]fluor...	16.59	28.0	ng	13593000	5	17.11	9705180	20.0
Benzo[b]naphtho[2...	16.72	13.9	ng	6738920	5	17.11	9705180	20.0
7H-Benz[de]anthra...	16.75	17.6	ng	8536430	5	17.11	9705180	20.0
unknown16.95	16.95	55.7	ng	27029700	5	17.11	9705180	20.0
Benz(A)anthracene...	17.99	41.3	ng	2994690	6	18.69	1451960	20.0
unknown18.17	18.17	79.9	ng	5802200	6	18.69	1451960	20.0
Dinaphtho[1,2-b:1...	18.49	14.8	ng	1076520	6	18.69	1451960	20.0
Benzene, 1,2-bis(...	19.62	12.8	ng	931782	6	18.69	1451960	20.0
unknown19.77	19.77	24.2	ng	1756960	6	18.69	1451960	20.0