

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083465.D
 Acq On : 3 Dec 2015 17:41
 Operator : UM/IZ
 Sample : G4585-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-16(0-4)

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-BF113015.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	4.647	257	259	267	rBV	923270	1835395	4.40%	0.322%
2	5.116	298	300	303	rBV	4001262	5894153	14.14%	1.034%
3	6.202	393	395	398	rVV	4912494	6343866	15.22%	1.113%
4	6.305	401	404	406	rVV	6064922	6247604	14.98%	1.096%
5	6.522	421	423	425	rBV	995130	1196459	2.87%	0.210%
6	6.682	435	437	442	rVB2	3951250	5251167	12.59%	0.922%
7	6.865	451	453	454	rVV	1014378	1027024	2.46%	0.180%
8	7.105	469	474	477	rVV2	3644120	4941642	11.85%	0.867%
9	7.345	493	495	497	rVB	1035255	1148750	2.76%	0.202%
10	7.562	512	514	516	rVV2	1282087	1620729	3.89%	0.284%
11	7.848	534	539	542	rVV2	8351173	16680291	40.01%	2.927%
12	8.430	588	590	592	rVV	1118445	1344524	3.22%	0.236%
13	8.533	596	599	601	rVV	4153365	3997580	9.59%	0.702%
14	8.625	605	607	610	rVV	2205211	2490737	5.97%	0.437%
15	8.899	629	631	634	rVV	6029023	5974410	14.33%	1.048%
16	8.990	637	639	642	rVV	1815341	1883764	4.52%	0.331%
17	9.082	645	647	651	rVB	903575	1069595	2.57%	0.188%
18	9.231	658	660	661	rVV	773801	1074007	2.58%	0.188%
19	9.299	664	666	668	rVV2	983923	1232762	2.96%	0.216%
20	9.425	674	677	679	rVB	983556	1133492	2.72%	0.199%
21	9.562	687	689	690	rBV	1725830	1907667	4.58%	0.335%
22	9.608	690	693	694	rVV	7315208	9865289	23.66%	1.731%
23	9.768	704	707	709	rBV	4058532	3931789	9.43%	0.690%
24	10.111	735	737	740	rVB	5708817	6723016	16.12%	1.180%
25	10.236	745	748	749	rVV2	910691	1052476	2.52%	0.185%
26	10.351	754	758	760	rBV2	3845087	4689243	11.25%	0.823%
27	10.488	767	770	773	rBV3	578416	1264876	3.03%	0.222%
28	10.979	811	813	816	rVB	2543742	3144284	7.54%	0.552%
29	11.174	821	830	832	rBV	11891904	36896176	88.49%	6.475%
30	11.219	832	834	839	rVB	7938966	15056391	36.11%	2.642%
31	11.402	847	850	852	rVB	4278218	6272354	15.04%	1.101%
32	11.711	874	877	878	rBV	2182877	2724039	6.53%	0.478%
33	11.745	878	880	883	rVB	2763904	3477128	8.34%	0.610%
34	11.814	883	886	887	rBV	1175276	1816912	4.36%	0.319%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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35	11.859	887	890	894	rVB2	5184909	9325931	22.37%	1.637%
36	12.088	908	910	912	rBV	2292267	2409161	5.78%	0.423%
37	12.419	936	939	942	rBV	582410	1167655	2.80%	0.205%
38	12.705	955	964	966	rVV	10622205	39132879	93.86%	6.868%
39	12.842	973	976	982	rBV2	1115210	2272773	5.45%	0.399%
40	13.014	982	991	993	rBV3	11092598	41693179	100.00%	7.317%
41	13.048	993	994	999	rVB2	1392348	1793318	4.30%	0.315%
42	13.139	999	1002	1004	rBV	1610095	2332723	5.59%	0.409%
43	13.197	1004	1007	1010	rVB2	3998256	6539590	15.69%	1.148%
44	13.288	1010	1015	1017	rBV2	1207840	2907164	6.97%	0.510%
45	13.322	1017	1018	1020	rVB	1245799	1166827	2.80%	0.205%
46	13.448	1020	1029	1031	rVB	3752633	8255335	19.80%	1.449%
47	13.551	1034	1038	1039	rBV	3994588	6420484	15.40%	1.127%
48	13.597	1039	1042	1047	rVV2	1847995	4700165	11.27%	0.825%
49	13.711	1050	1052	1054	rVV	916261	1214751	2.91%	0.213%
50	13.757	1054	1056	1059	rVV	1023656	1406598	3.37%	0.247%
51	14.054	1075	1082	1084	rVV3	550029	1684104	4.04%	0.296%
52	14.157	1088	1091	1097	rVV3	443913	1314361	3.15%	0.231%
53	14.340	1104	1107	1109	rBV	1902814	3477677	8.34%	0.610%
54	14.397	1109	1112	1113	rVV	1845649	3617444	8.68%	0.635%
55	14.420	1113	1114	1116	rVV	2220749	3427380	8.22%	0.601%
56	14.602	1126	1130	1132	rBV	587621	1236210	2.97%	0.217%
57	14.762	1135	1144	1146	rBV2	6214922	25707432	61.66%	4.512%
58	14.831	1146	1150	1154	rVB2	7314360	19728299	47.32%	3.462%
59	14.922	1154	1158	1160	rBV	4128745	7299328	17.51%	1.281%
60	14.968	1160	1162	1167	rVB2	603322	1003222	2.41%	0.176%
61	15.060	1167	1170	1172	rBV2	2207550	3241146	7.77%	0.569%
62	15.105	1172	1174	1177	rBV	1176332	1827689	4.38%	0.321%
63	15.288	1187	1190	1192	rBV2	899646	1662031	3.99%	0.292%
64	15.345	1192	1195	1197	rVV	1516504	2467285	5.92%	0.433%
65	15.391	1197	1199	1202	rVB	866099	1245806	2.99%	0.219%
66	15.494	1203	1208	1209	rBV2	1461567	2783981	6.68%	0.489%
67	15.528	1209	1211	1213	rVV2	1032121	2200926	5.28%	0.386%
68	15.574	1213	1215	1217	rVV3	1517480	2338347	5.61%	0.410%
69	15.654	1220	1222	1227	rVB	696314	1281634	3.07%	0.225%
70	15.803	1232	1235	1237	rBV	469460	1029457	2.47%	0.181%
71	16.100	1256	1261	1264	rBV2	628492	1763737	4.23%	0.310%

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72	16.363	1272	1284	1288	rVV	6704854	33801309	81.07%	5.932%
73	16.466	1288	1293	1295	rVV2	3122181	5619624	13.48%	0.986%
74	16.591	1299	1304	1305	rVV	776504	2578345	6.18%	0.452%
75	16.706	1309	1314	1317	rVV	4206977	15345921	36.81%	2.693%
76	16.808	1317	1323	1325	rVV2	6367268	21604179	51.82%	3.791%
77	16.888	1325	1330	1333	rVV3	3829431	9825160	23.57%	1.724%
78	16.968	1335	1337	1339	rVV2	742319	1324072	3.18%	0.232%
79	17.083	1339	1347	1350	rVV3	1113786	6113147	14.66%	1.073%
80	17.151	1350	1353	1354	rVV2	557350	1284939	3.08%	0.226%
81	17.208	1357	1358	1362	rVV3	568243	1083766	2.60%	0.190%
82	17.403	1371	1375	1379	rVV2	1128017	2710098	6.50%	0.476%
83	17.528	1383	1386	1388	rVB	680363	1027224	2.46%	0.180%
84	17.814	1407	1411	1414	rVB2	483709	1225584	2.94%	0.215%
85	17.883	1414	1417	1420	rBV2	495903	1335935	3.20%	0.234%
86	18.054	1427	1432	1441	rBV4	1026550	3861388	9.26%	0.678%
87	18.260	1441	1450	1456	rVB	4016435	15780554	37.85%	2.769%
88	18.374	1456	1460	1462	rBV	1319590	2859476	6.86%	0.502%
89	18.420	1462	1464	1471	rVB2	1255178	2812958	6.75%	0.494%
90	18.649	1475	1484	1487	rBV2	3205849	12316472	29.54%	2.161%
91	18.831	1495	1500	1504	rVB2	1777691	5129010	12.30%	0.900%
92	19.392	1543	1549	1555	rBV5	209833	1152634	2.76%	0.202%
93	19.563	1560	1564	1576	rVB5	253594	1401100	3.36%	0.246%
94	20.500	1636	1646	1653	rBV	1099985	5162466	12.38%	0.906%
95	20.672	1653	1661	1675	rVB	895532	6125188	14.69%	1.075%
96	20.912	1677	1682	1688	rBV2	361167	1279976	3.07%	0.225%
97	21.163	1698	1704	1713	rVB2	277254	1255189	3.01%	0.220%
98	21.540	1718	1737	1741	rVV3	805294	6701215	16.07%	1.176%
99	21.666	1742	1748	1752	rVV	591576	2477247	5.94%	0.435%
100	21.826	1752	1762	1767	rVV3	349346	2335211	5.60%	0.410%

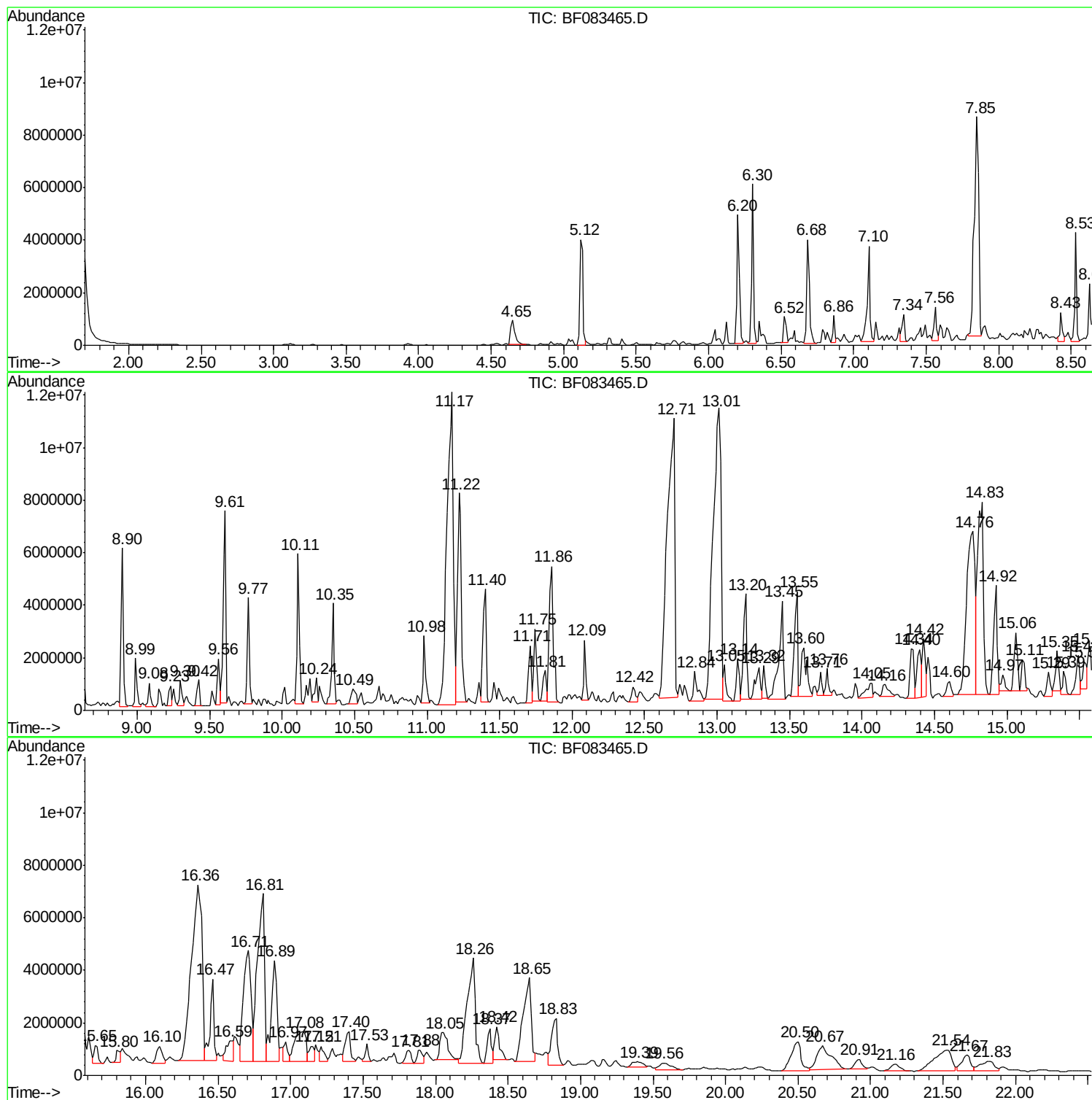
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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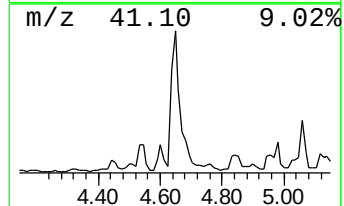
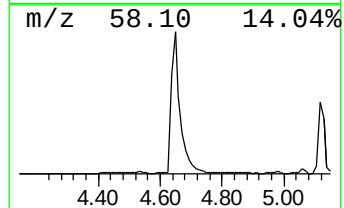
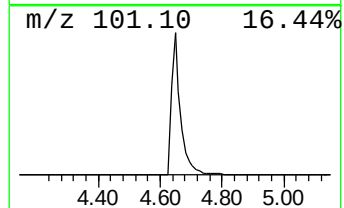
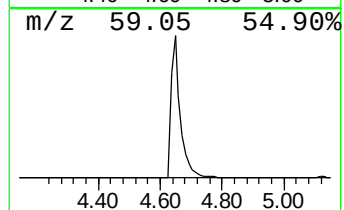
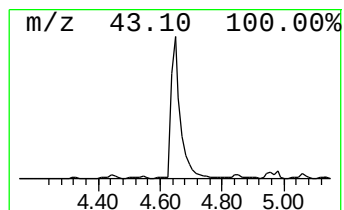
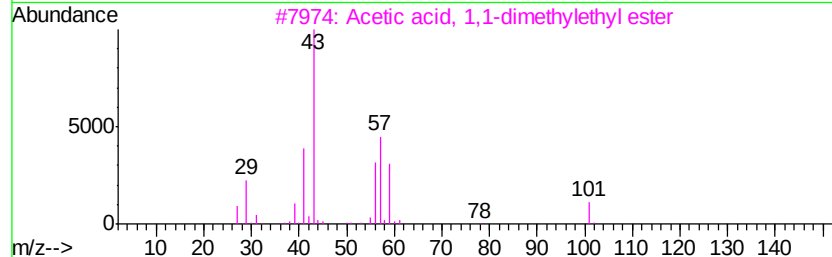
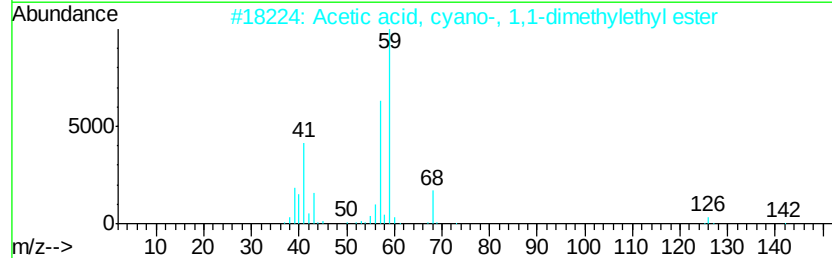
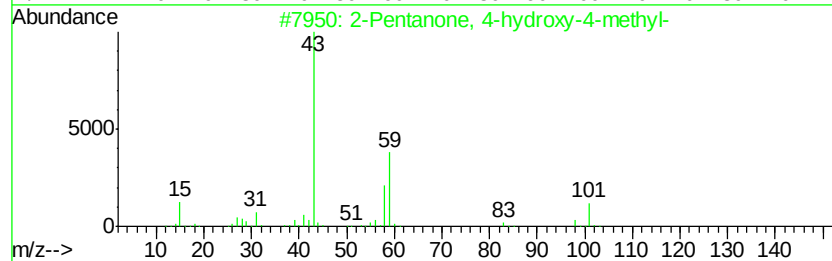
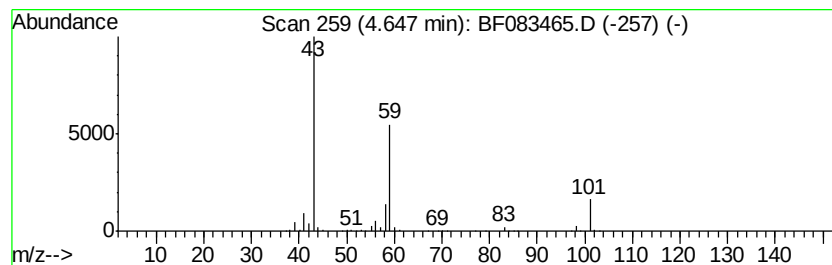
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	30.68 ng	1835400	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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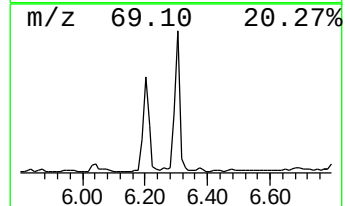
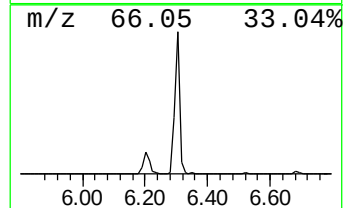
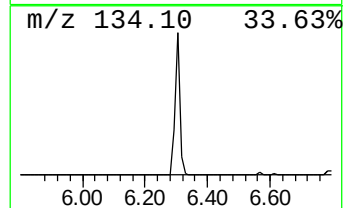
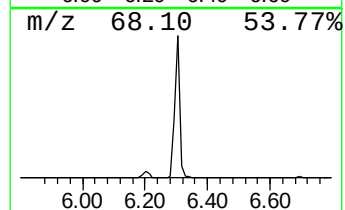
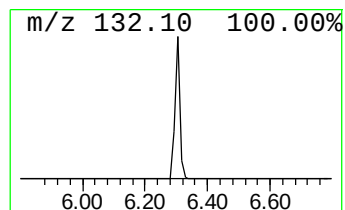
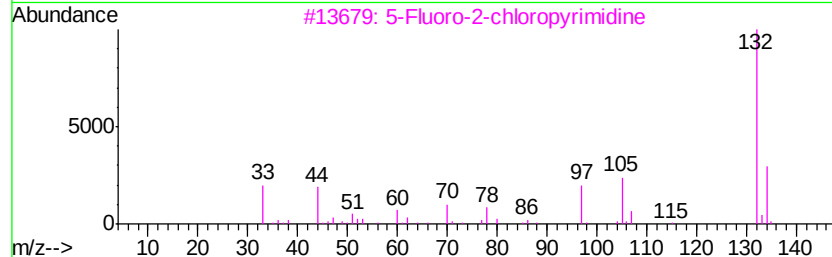
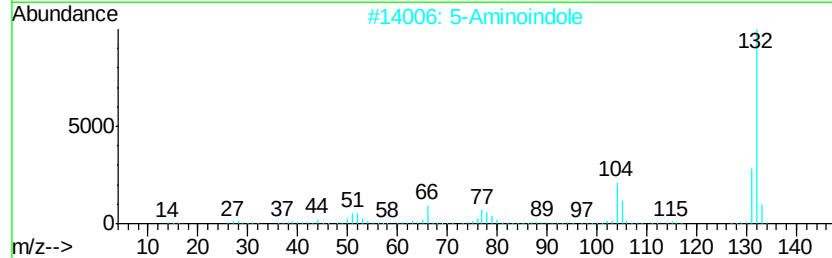
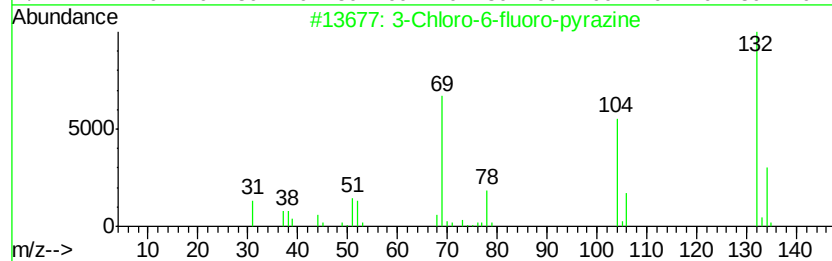
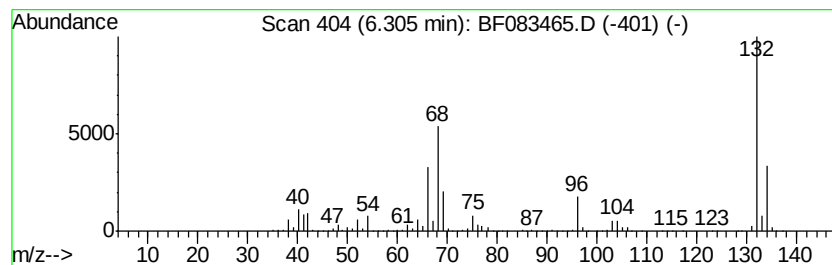
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	104.44 ng	6247600	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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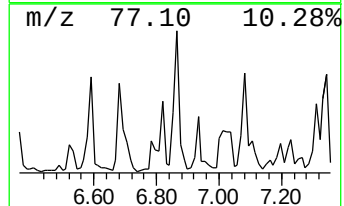
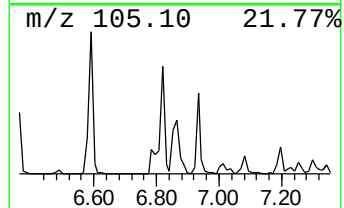
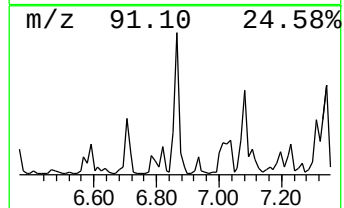
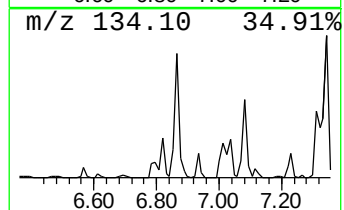
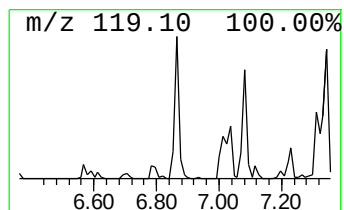
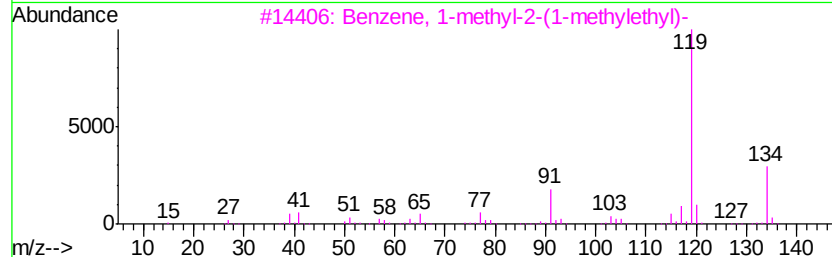
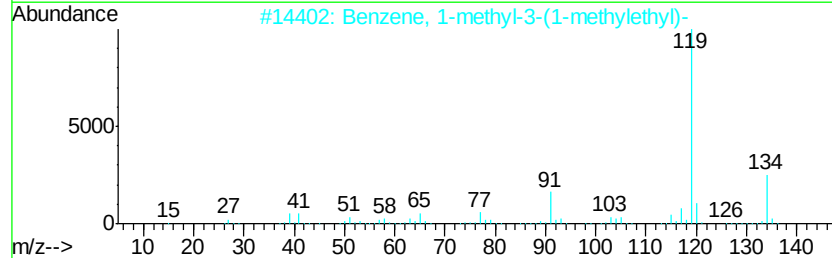
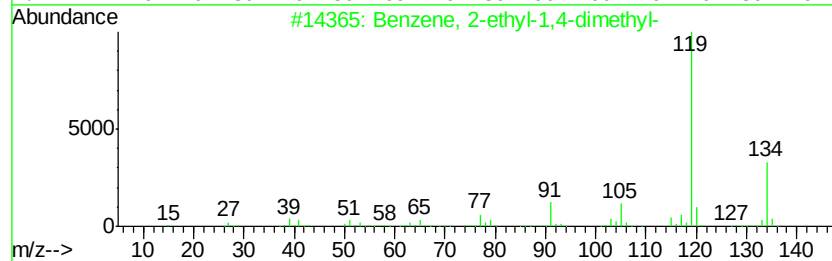
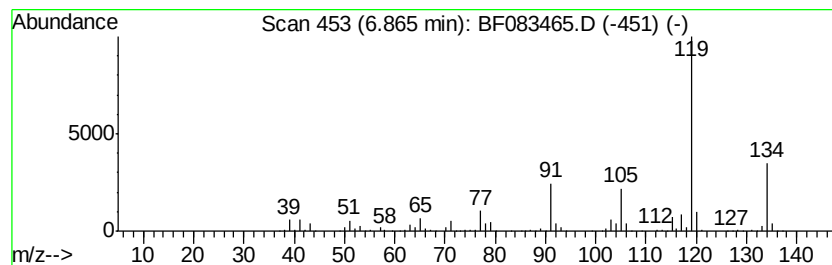
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	17.17 ng	1027020	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

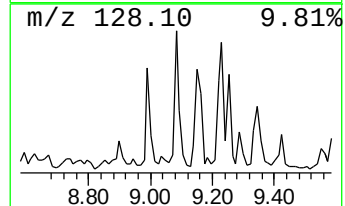
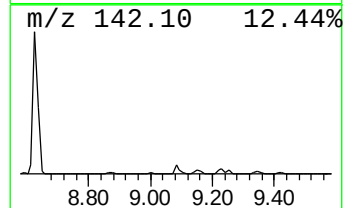
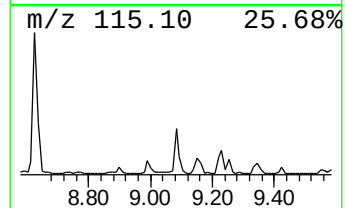
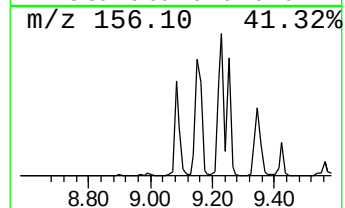
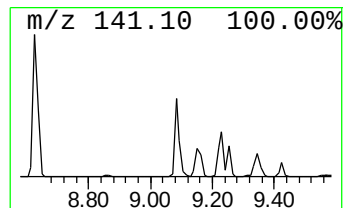
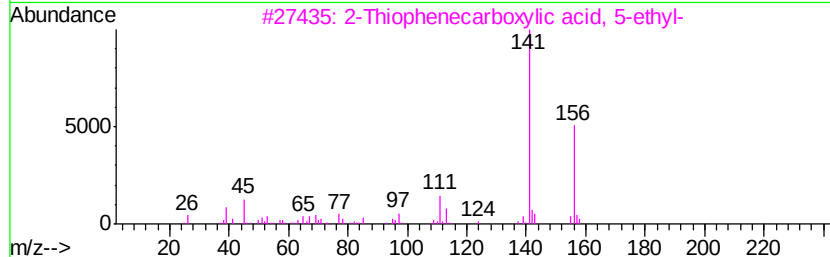
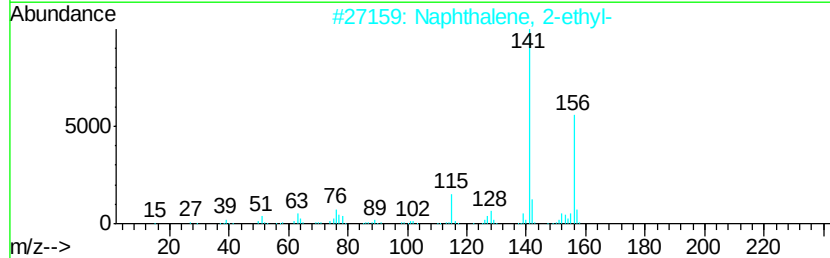
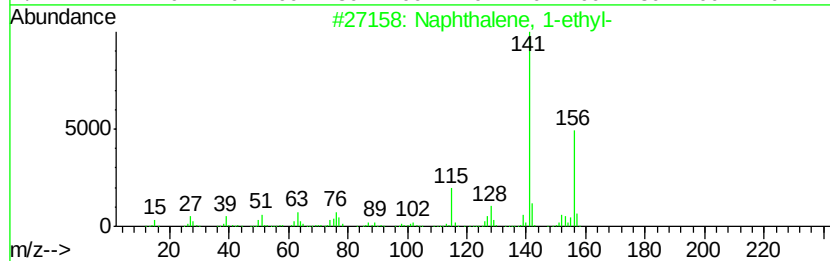
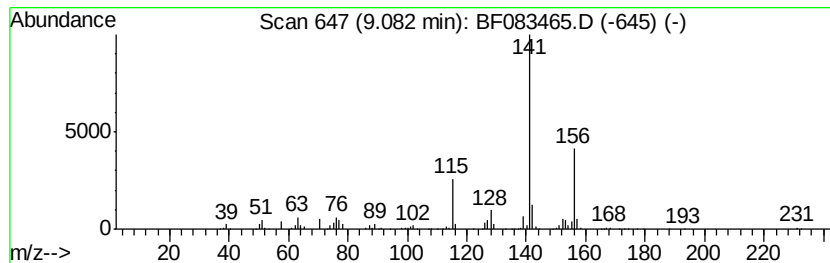
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	11.21 ng	1069600	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 59
4		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 53
5		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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ClientSampleId :
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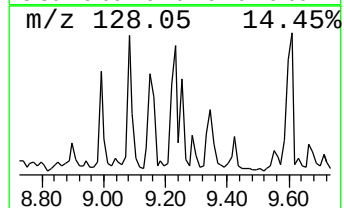
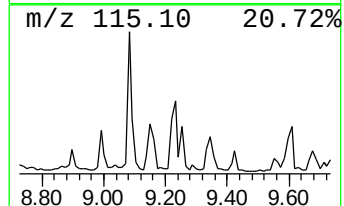
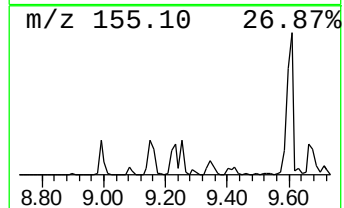
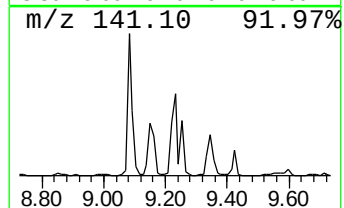
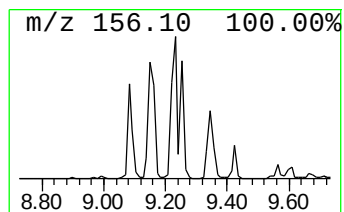
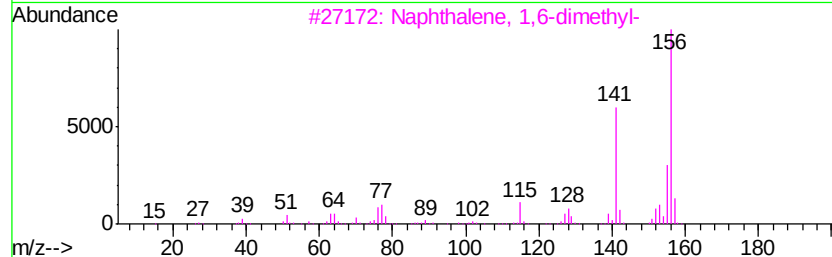
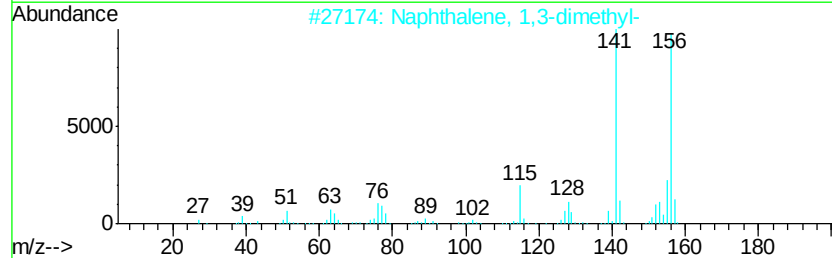
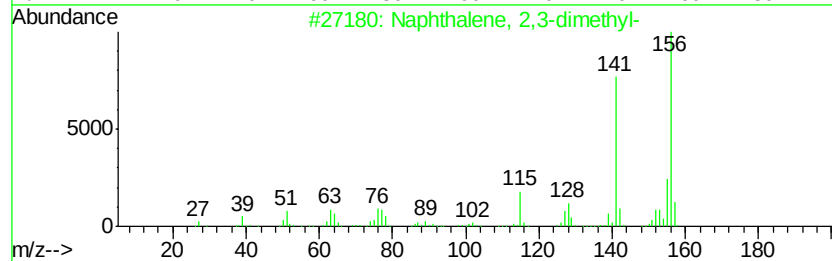
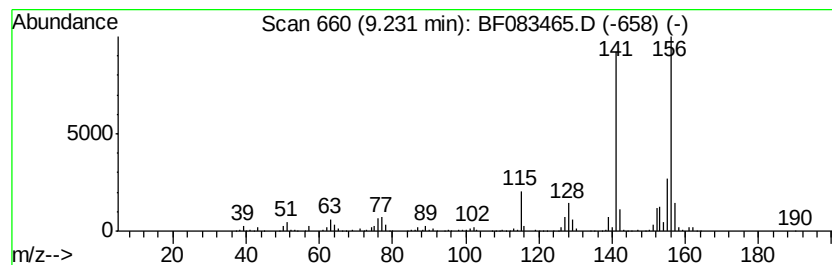
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	11.26 ng	1074010	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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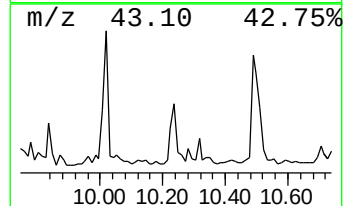
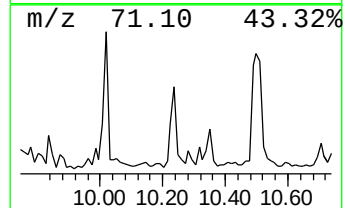
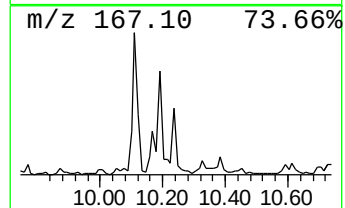
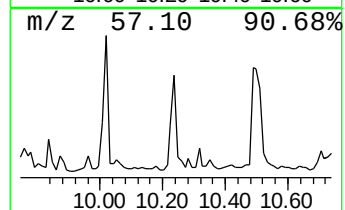
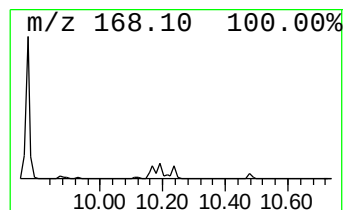
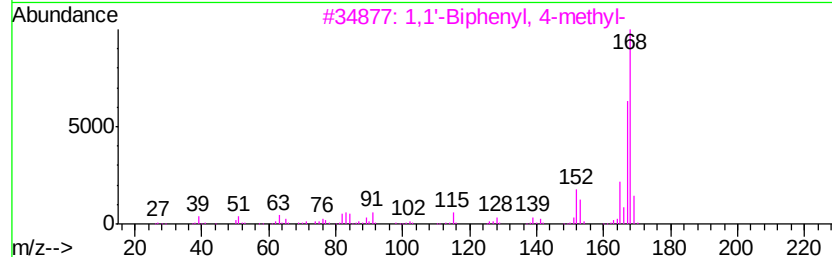
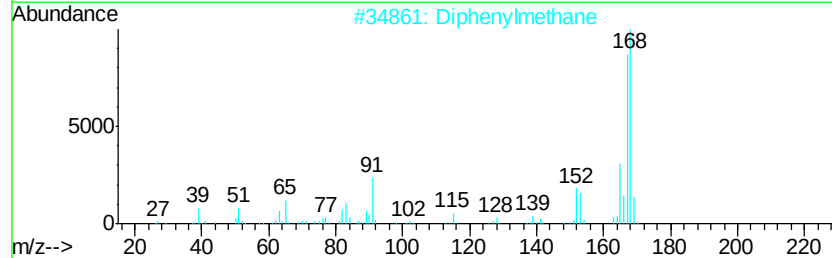
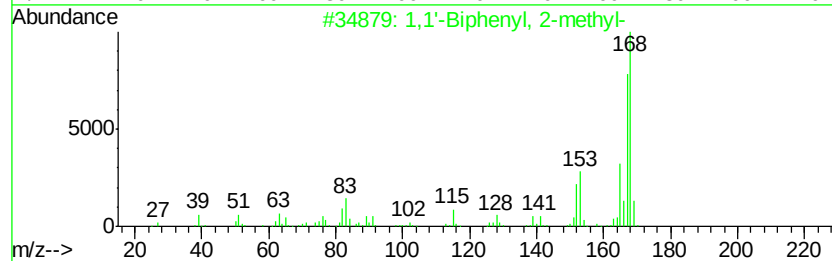
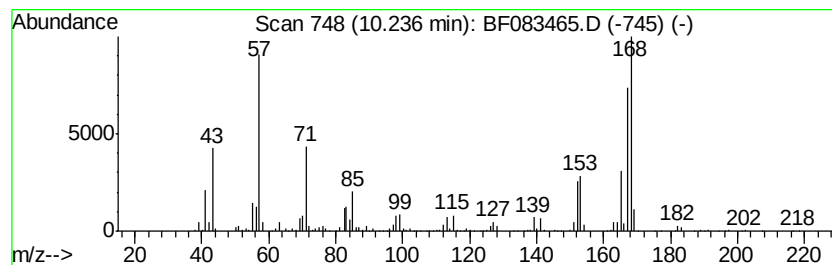
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	11.03 ng	1052480	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 83
2		Diphenylmethane	168 C13H12	000101-81-5 64
3		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 60
4		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 60
5		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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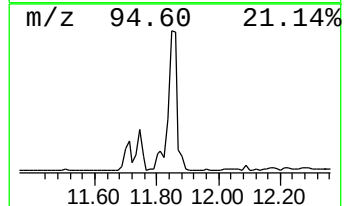
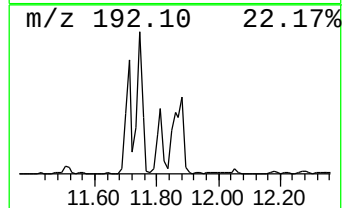
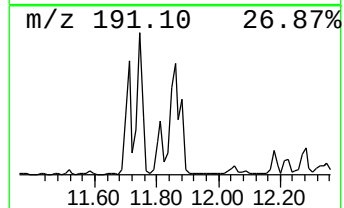
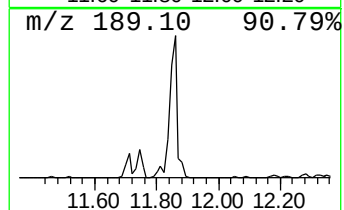
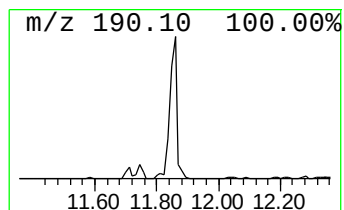
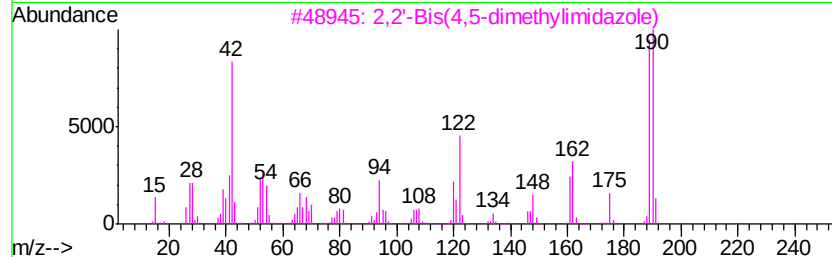
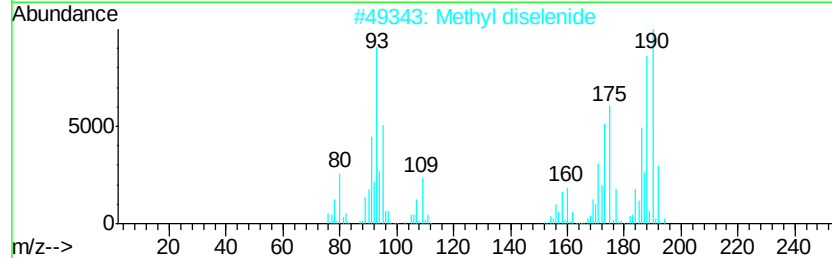
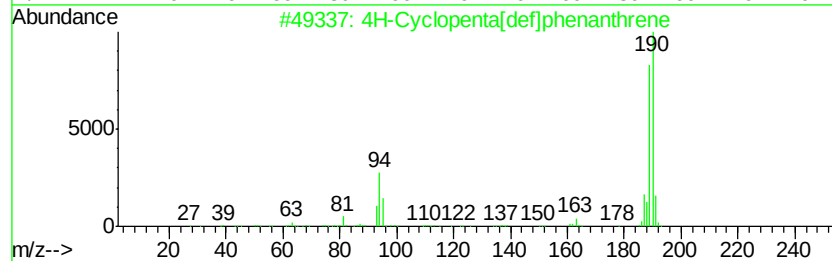
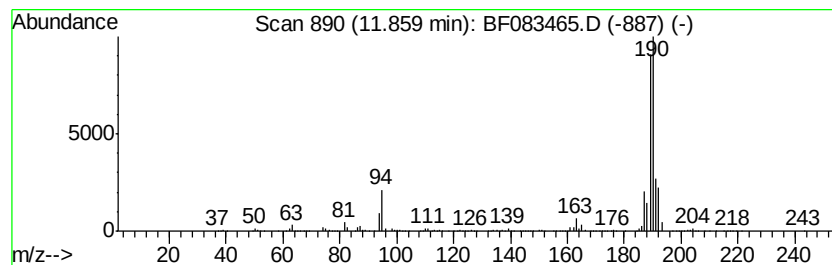
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	5.06 ng	9325930	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
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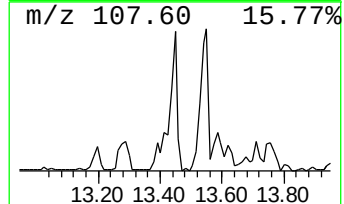
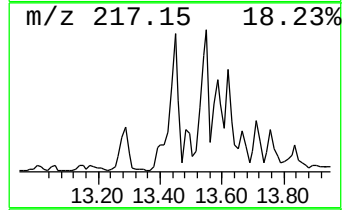
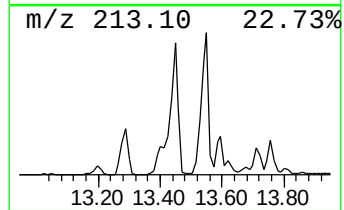
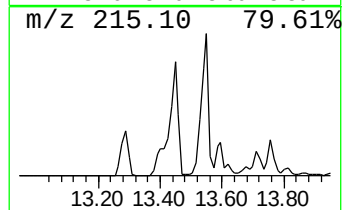
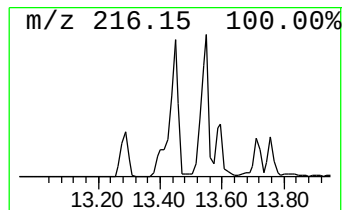
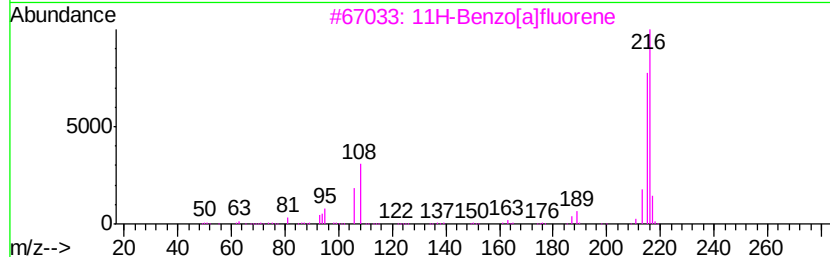
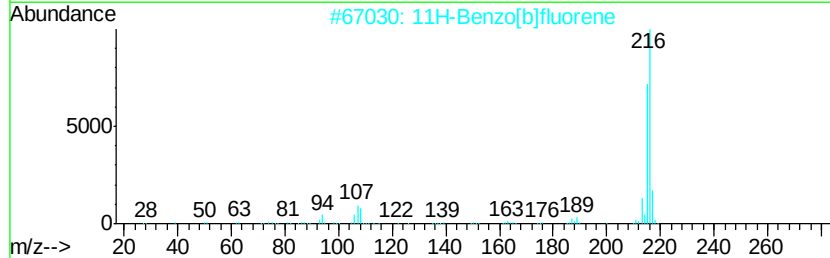
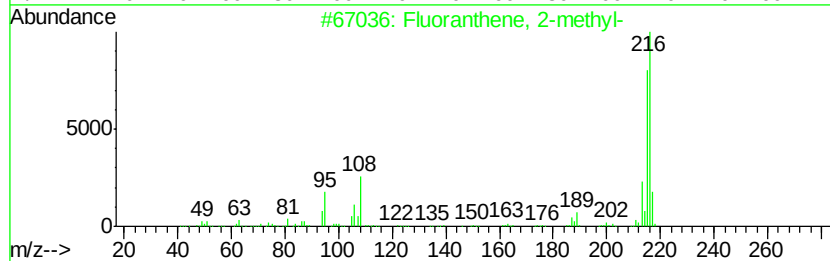
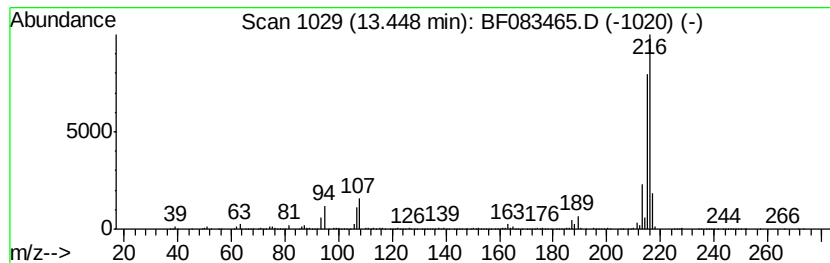
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.42 ng	8255340	Chrysene-d12	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



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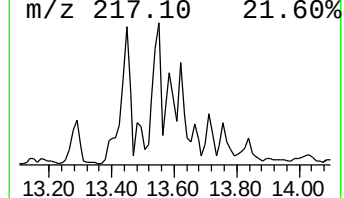
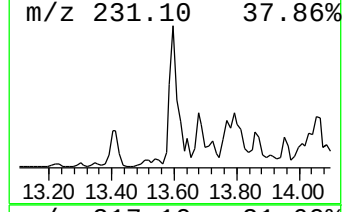
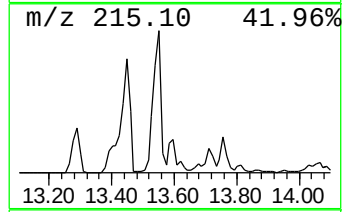
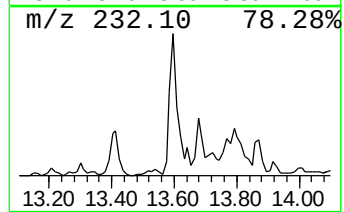
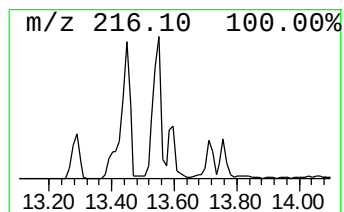
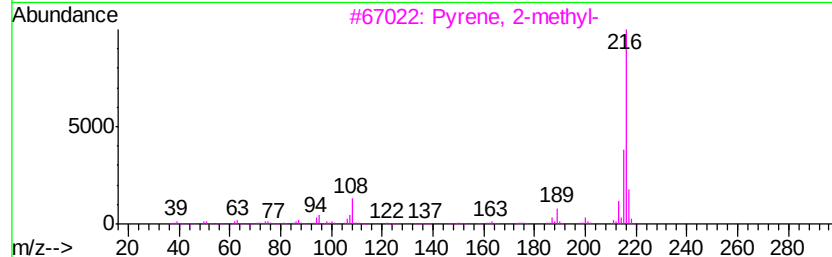
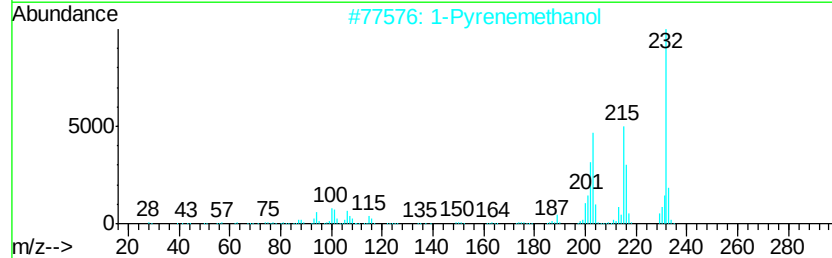
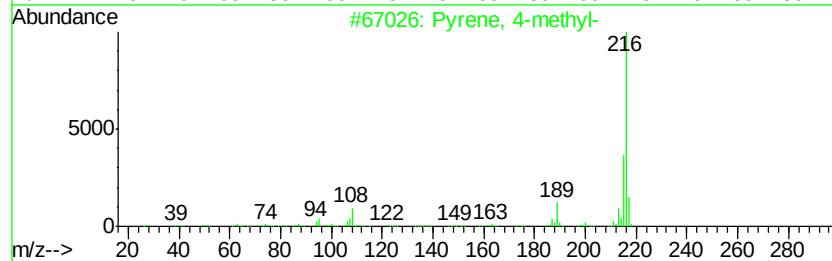
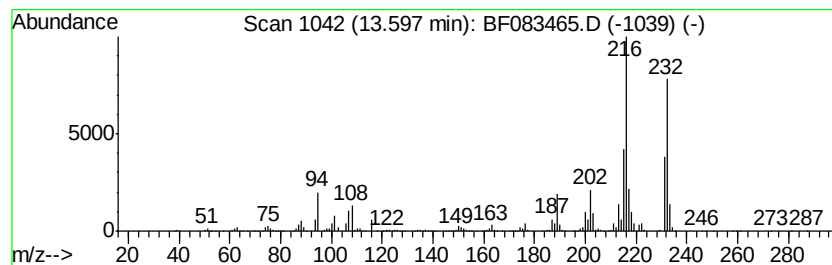
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.66 ng	4700170	Chrysene-d12	14.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 4-methyl-	216 C17H12	003353-12-6 83
2		1-Pyrenemethanol	232 C17H12O	024463-15-8 55
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 52
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 41
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

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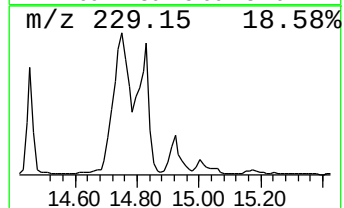
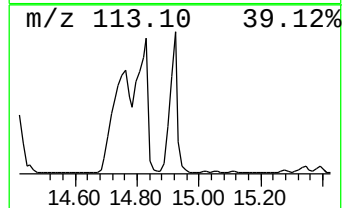
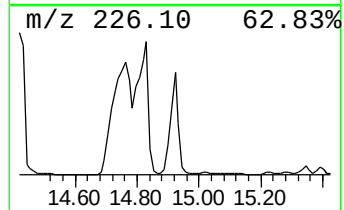
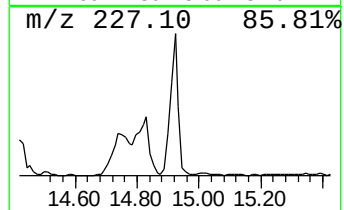
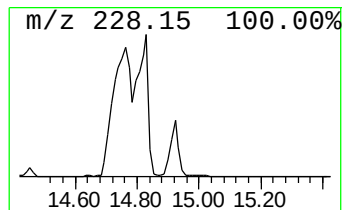
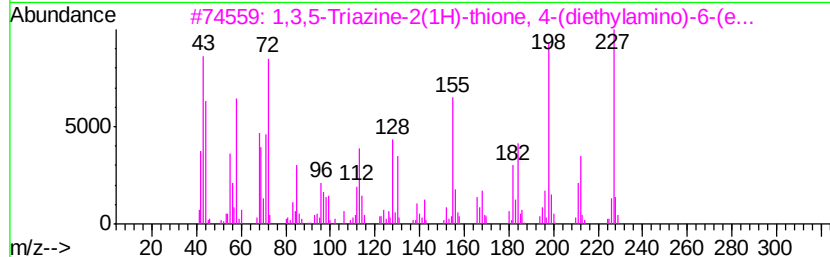
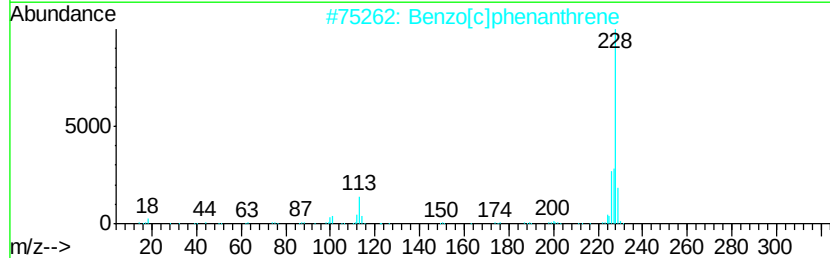
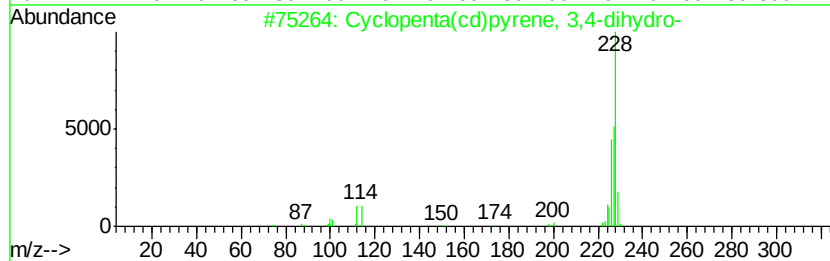
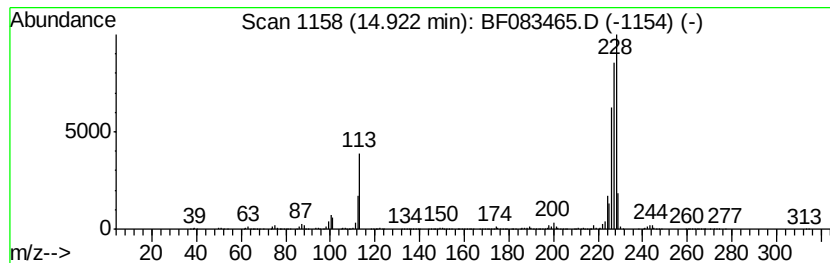
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.68 ng	7299330	Chrysene-d12	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	40
3			1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38
4			Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38
5			2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

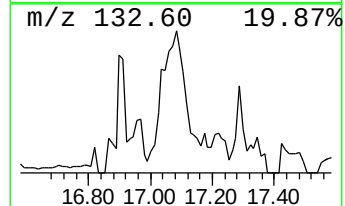
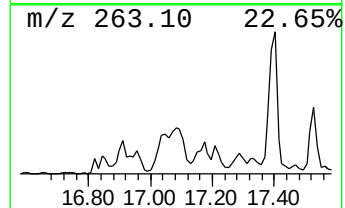
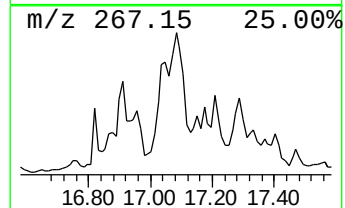
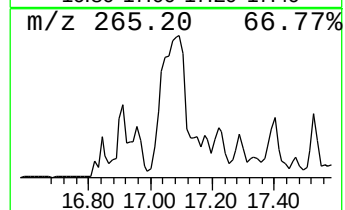
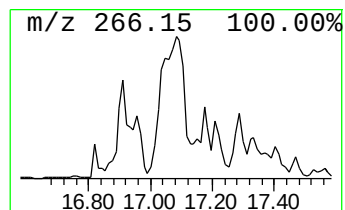
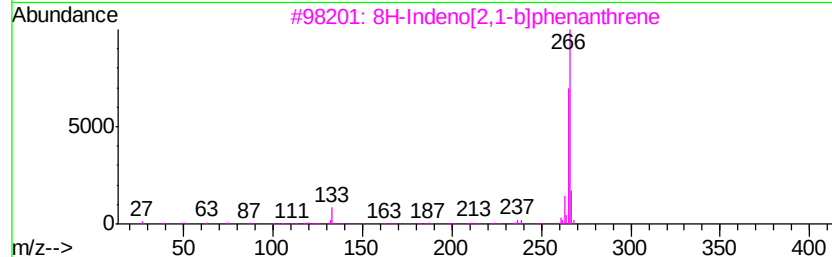
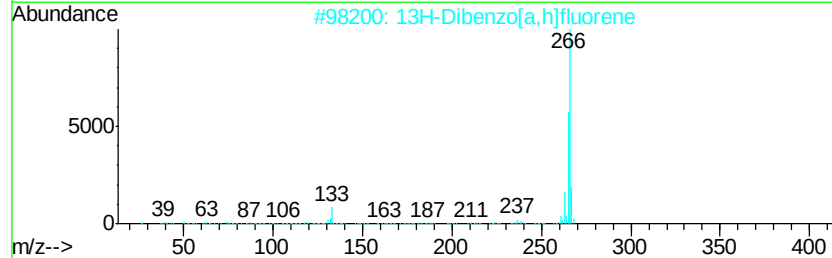
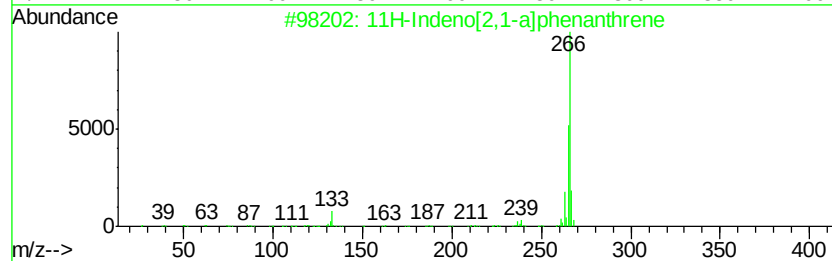
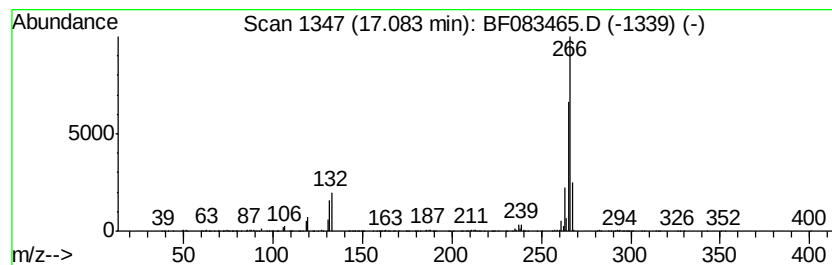
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Indeno[2,1-a]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.08	5.66 ng	6113150	Perylene-d12	16.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	95
2	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	94
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	76
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59
5	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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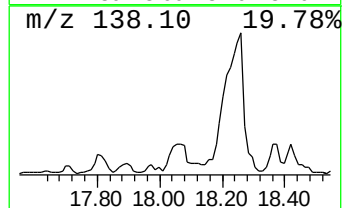
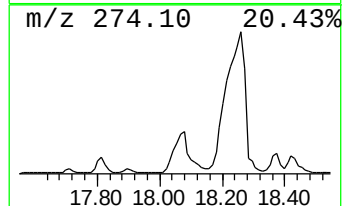
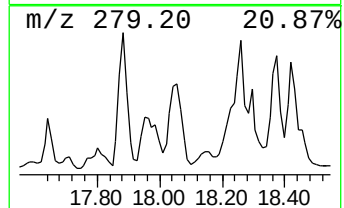
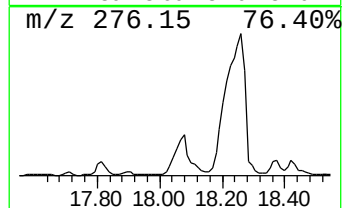
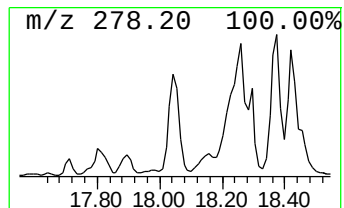
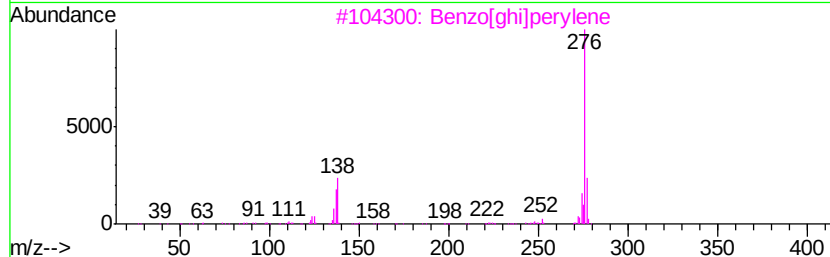
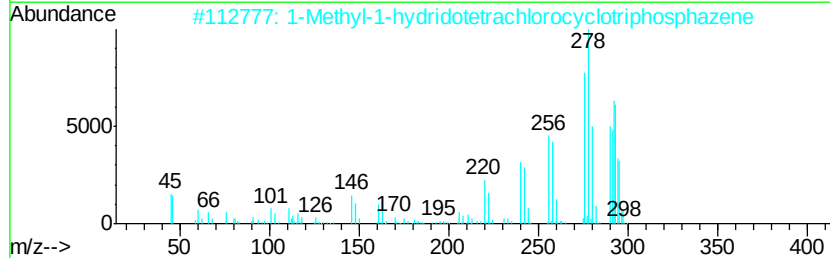
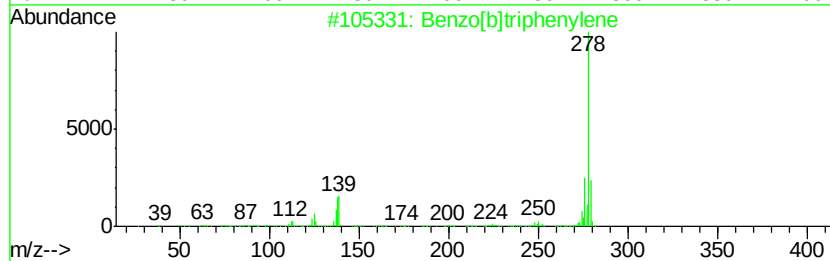
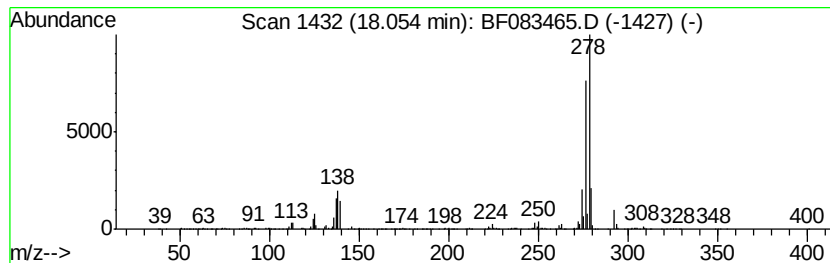
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.57 ng	3861390	Perylene-d12	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		1-Methyl-1-hydridotetrachlorocyc...	291	CH4Cl4N3P3	068351-74-6	64
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	60
4		Benzo[b]chrysene	278	C22H14	000214-17-5	46
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-16(0-4)

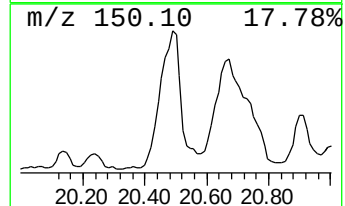
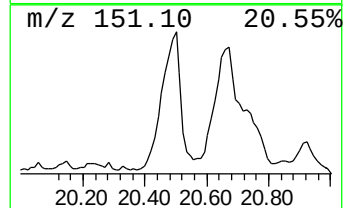
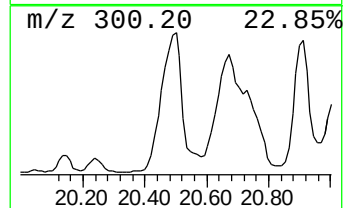
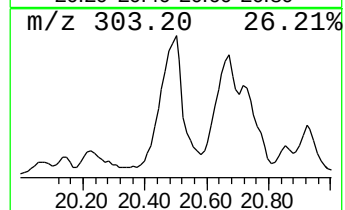
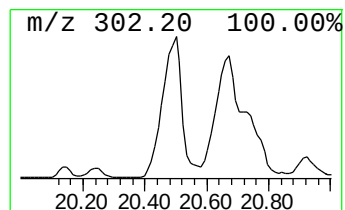
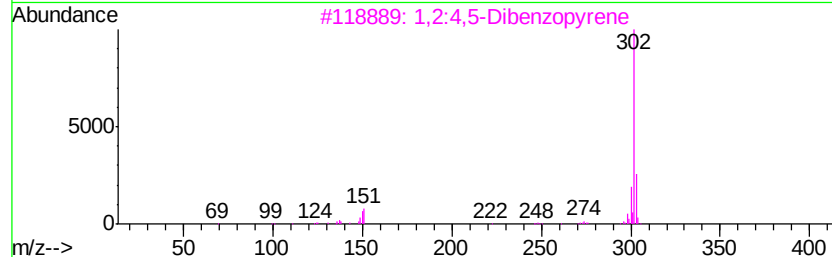
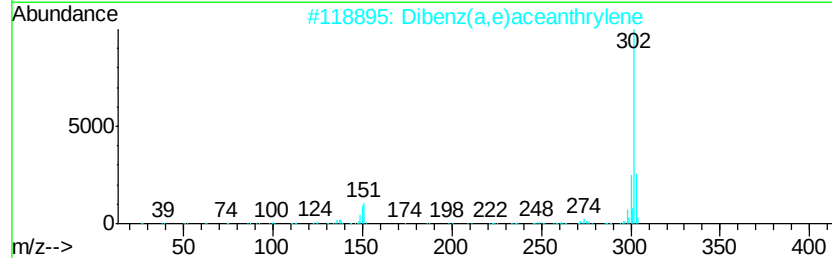
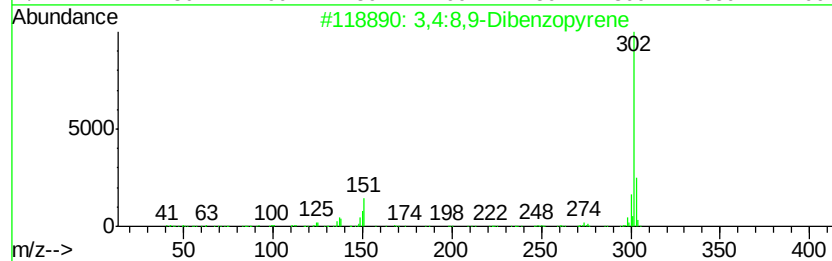
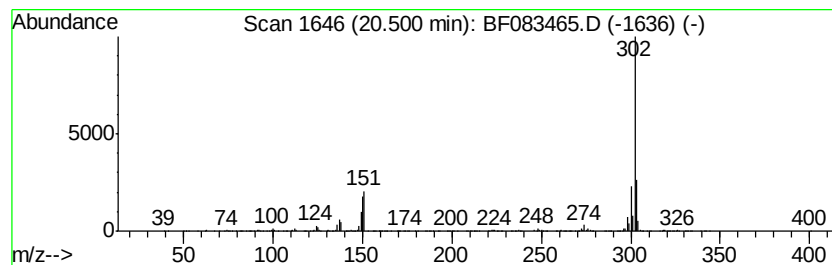
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:8,9-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.78 ng	5162470	Perylene-d12	16.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	99
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
4			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-16(0-4)

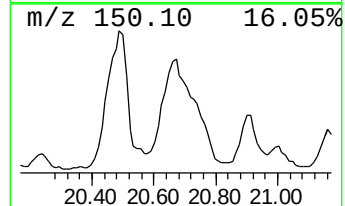
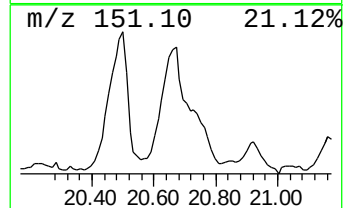
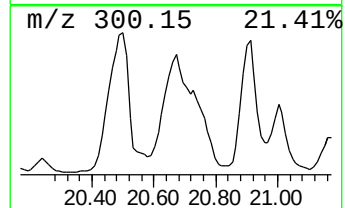
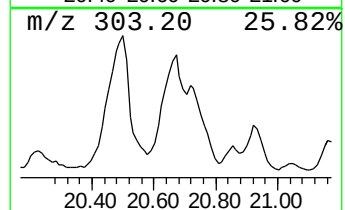
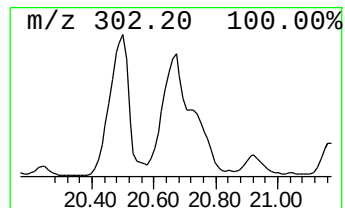
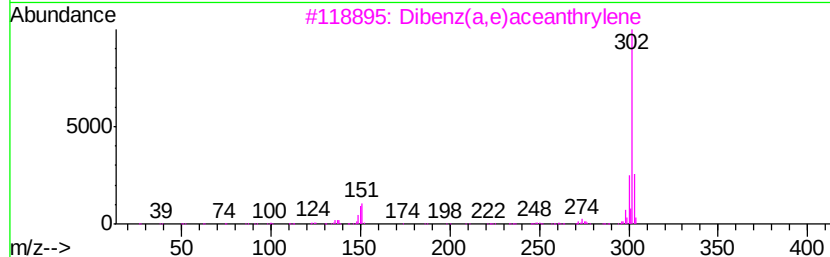
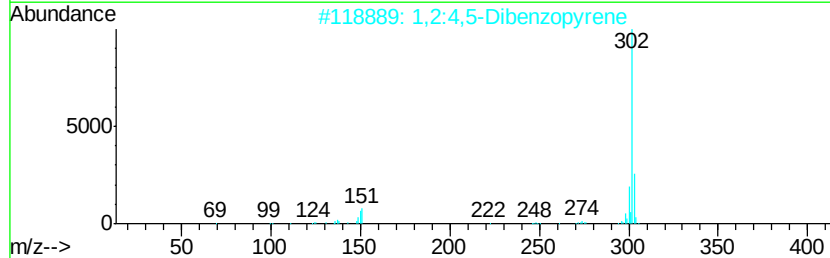
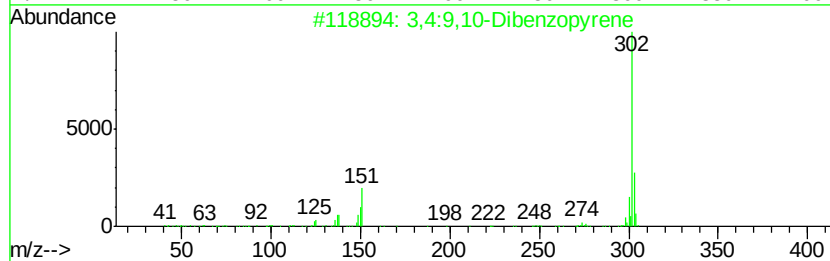
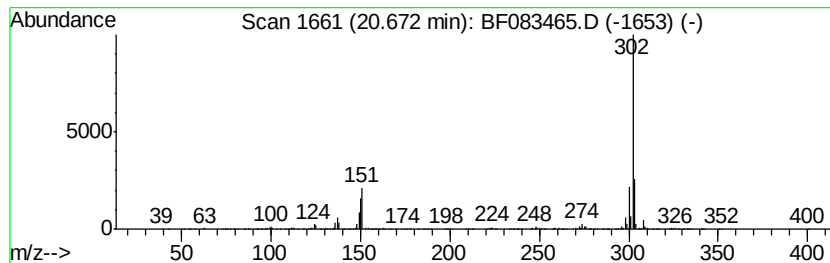
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	5.67 ng	6125190	Perylene-d12	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
5		Pregnan-20-one, (5.alpha.)-	302	C21H34O	000848-62-4	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083465.D
Acq On : 3 Dec 2015 17:41
Operator : UM/IZ
Sample : G4585-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-16(0-4)

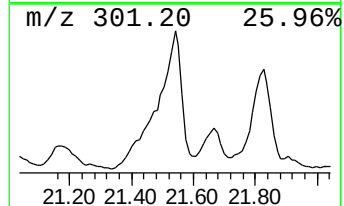
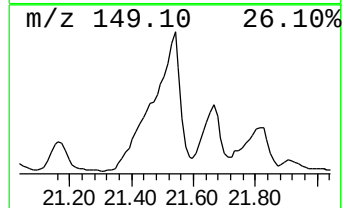
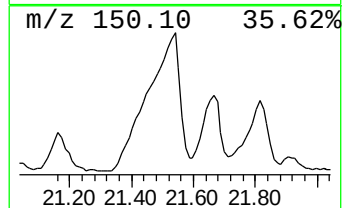
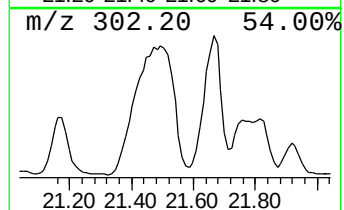
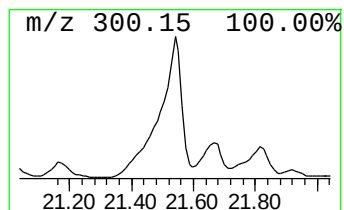
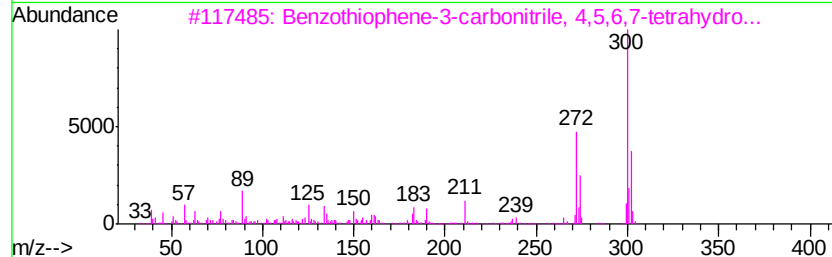
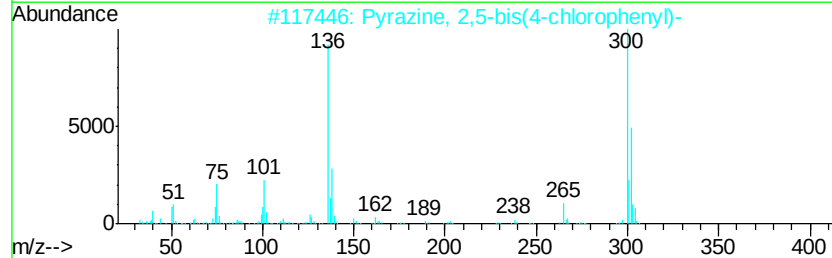
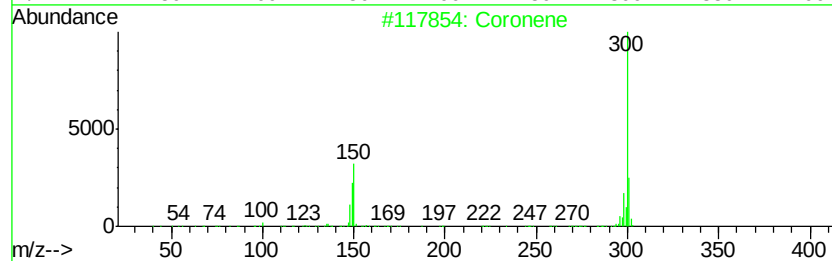
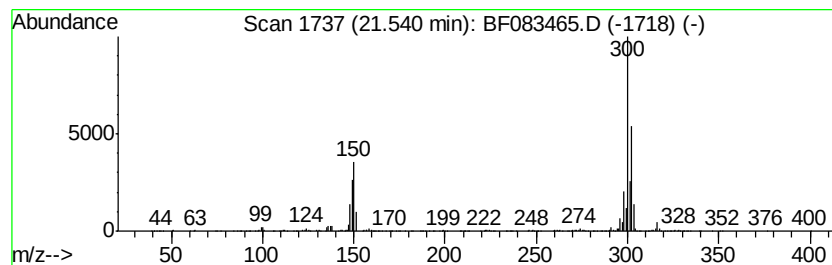
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	6.20 ng	6701220	Perylene-d12	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	97
2		Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	50
3		Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	40
4		5-(p-(Dimethylamino)benzylidene)...	300	C21H20N2	006256-22-0	38
5		Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083465.D
 Acq On : 3 Dec 2015 17:41
 Operator : UM/IZ
 Sample : G4585-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.65	30.7	ng	1835400	1	6.52	1196460	20.0
unknown6.30	6.30	104.4	ng	6247600	1	6.52	1196460	20.0
Benzene, 2-ethyl-...	6.86	17.2	ng	1027020	1	6.52	1196460	20.0
Naphthalene, 1-et...	9.08	11.2	ng	1069600	3	9.56	1907670	20.0
Naphthalene, 2,3-...	9.23	11.3	ng	1074010	3	9.56	1907670	20.0
1,1'-Biphenyl, 2-...	10.24	11.0	ng	1052480	3	9.56	1907670	20.0
4H-Cyclopenta[def...	11.86	5.1	ng	9325930	4	11.12	36896200	20.0
Fluoranthene, 2-m...	13.45	6.4	ng	8255340	5	14.77	25707400	20.0
Pyrene, 4-methyl-	13.60	3.7	ng	4700170	5	14.77	25707400	20.0
Cyclopenta(cd)pyr...	14.92	5.7	ng	7299330	5	14.77	25707400	20.0
11H-Indeno[2,1-a]...	17.08	5.7	ng	6113150	6	16.84	21604200	20.0
Benzo[b]triphenylene	18.05	3.6	ng	3861390	6	16.84	21604200	20.0
3,4:8,9-Dibenzopy...	20.50	4.8	ng	5162470	6	16.84	21604200	20.0
3,4:9,10-Dibenzop...	20.67	5.7	ng	6125190	6	16.84	21604200	20.0
Coronene	21.54	6.2	ng	6701220	6	16.84	21604200	20.0