

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083476.D
 Acq On : 3 Dec 2015 23:22
 Operator : UM/IZ
 Sample : G4608-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-7-20151130

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-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	4.636	256	258	268	rBV	682493	1161896	28.47%	1.879%
2	5.116	298	300	315	rBV	3435680	3845562	94.24%	6.219%
3	6.202	392	395	402	rBV	3683802	3939350	96.53%	6.371%
4	6.304	402	404	406	rBV	4196076	4080806	100.00%	6.600%
5	6.522	421	423	426	rBV	791215	1057820	25.92%	1.711%
6	6.682	435	437	440	rBV	2851165	2867003	70.26%	4.637%
7	7.104	471	474	476	rBV	2748615	2721116	66.68%	4.401%
8	7.253	484	487	491	rVB	83857	106040	2.60%	0.171%
9	7.733	527	529	534	rBV2	36280	85244	2.09%	0.138%
10	7.813	534	536	546	rVB	1288909	1493827	36.61%	2.416%
11	8.202	568	570	574	rBV	45116	74682	1.83%	0.121%
12	8.533	597	599	601	rBV	68043	64717	1.59%	0.105%
13	8.625	605	607	610	rVB	86321	82587	2.02%	0.134%
14	8.773	617	620	624	rBV	89072	104618	2.56%	0.169%
15	8.899	628	631	633	rBV	4233291	3950685	96.81%	6.389%
16	9.230	657	660	661	rVV	72028	101805	2.49%	0.165%
17	9.299	664	666	668	rVV	946874	827367	20.27%	1.338%
18	9.345	668	670	673	rVV3	53889	103322	2.53%	0.167%
19	9.425	673	677	679	rVV	155979	214198	5.25%	0.346%
20	9.516	683	685	687	rBV2	153577	183584	4.50%	0.297%
21	9.562	687	689	691	rVV	1590673	1504367	36.86%	2.433%
22	9.596	691	692	694	rVB2	80239	68483	1.68%	0.111%
23	9.768	704	707	709	rBV	156935	217360	5.33%	0.352%
24	9.802	709	710	712	rVB	58890	59336	1.45%	0.096%
25	9.985	723	726	727	rBV2	84152	115615	2.83%	0.187%
26	10.019	727	729	730	rVV2	138244	151544	3.71%	0.245%
27	10.099	735	736	740	rVB	129599	146600	3.59%	0.237%
28	10.236	745	748	749	rBV2	75086	131611	3.23%	0.213%
29	10.259	749	750	754	rVB2	81371	103448	2.53%	0.167%
30	10.351	755	758	760	rVV	1981428	2116578	51.87%	3.423%
31	10.488	768	770	774	rVB	152927	263564	6.46%	0.426%
32	10.591	777	779	781	rVV2	66671	85196	2.09%	0.138%
33	10.808	795	798	799	rBV2	54726	110502	2.71%	0.179%
34	10.831	799	800	803	rVB3	78175	86118	2.11%	0.139%

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35	10.876	803	804	807	rVB	147954	185268	4.54%	0.300%
36	10.933	807	809	811	rBV2	61065	98459	2.41%	0.159%
37	10.979	811	813	815	rBV	171763	199739	4.89%	0.323%
38	11.093	820	823	824	rBV	1136287	1243686	30.48%	2.011%
39	11.128	824	826	828	rVV	1899185	2178625	53.39%	3.523%
40	11.185	828	831	834	rVB	203447	277214	6.79%	0.448%
41	11.402	846	850	853	rBV2	250465	354044	8.68%	0.573%
42	11.493	856	858	862	rVB4	103772	158798	3.89%	0.257%
43	11.585	864	866	870	rVB3	36631	60539	1.48%	0.098%
44	11.699	873	876	877	rBV	287482	317343	7.78%	0.513%
45	11.733	877	879	882	rVB	365712	393760	9.65%	0.637%
46	11.791	882	884	886	rBV	324087	434104	10.64%	0.702%
47	11.836	886	888	889	rVV	265625	375564	9.20%	0.607%
48	11.859	889	890	893	rVB	171421	229499	5.62%	0.371%
49	12.076	907	909	911	rBV2	146450	235166	5.76%	0.380%
50	12.111	911	912	917	rVB2	249838	286654	7.02%	0.464%
51	12.214	919	921	923	rBV	55842	77905	1.91%	0.126%
52	12.282	925	927	929	rBV2	40858	60390	1.48%	0.098%
53	12.316	929	930	932	rBV	56647	76097	1.86%	0.123%
54	12.419	936	939	941	rBV2	149301	244512	5.99%	0.395%
55	12.476	941	944	947	rVV2	297107	469622	11.51%	0.760%
56	12.522	947	948	952	rVB3	143636	277310	6.80%	0.448%
57	12.625	954	957	960	rBV	1992476	2493146	61.09%	4.032%
58	12.705	961	964	966	rBV3	76202	157746	3.87%	0.255%
59	12.751	966	968	972	rVB	133423	204441	5.01%	0.331%
60	12.819	972	974	976	rBV	108636	156090	3.82%	0.252%
61	12.865	976	978	980	rBV2	140999	194717	4.77%	0.315%
62	12.934	981	984	987	rVV	1793568	2446459	59.95%	3.957%
63	13.014	987	991	993	rVB	71195	116076	2.84%	0.188%
64	13.117	998	1000	1002	rVB	100069	110038	2.70%	0.178%
65	13.185	1002	1006	1009	rVB	1960878	2828057	69.30%	4.574%
66	13.265	1009	1013	1015	rBV3	140021	295251	7.24%	0.477%
67	13.379	1021	1023	1025	rBV	99786	231245	5.67%	0.374%
68	13.414	1025	1026	1029	rVB2	167340	212305	5.20%	0.343%
69	13.517	1032	1035	1036	rVB2	63334	87961	2.16%	0.142%
70	13.562	1036	1039	1046	rBV2	205592	432394	10.60%	0.699%
71	13.688	1048	1050	1052	rVB	103236	128008	3.14%	0.207%

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72	13.734	1052	1054	1057	rBV	96875	157791	3.87%	0.255%
73	13.905	1066	1069	1073	rBV	131800	237069	5.81%	0.383%
74	13.985	1073	1076	1079	rBV	141692	244404	5.99%	0.395%
75	14.122	1086	1088	1090	rBV2	75827	135152	3.31%	0.219%
76	14.168	1090	1092	1097	rVV2	226705	436665	10.70%	0.706%
77	14.248	1097	1099	1102	rVB2	73964	123866	3.04%	0.200%
78	14.328	1103	1106	1108	rBV	148126	246564	6.04%	0.399%
79	14.374	1108	1110	1113	rVV2	120575	292383	7.16%	0.473%
80	14.431	1113	1115	1117	rVV	89025	174960	4.29%	0.283%
81	14.488	1117	1120	1123	rVB2	186907	345999	8.48%	0.560%
82	14.625	1129	1132	1133	rBV	159483	270395	6.63%	0.437%
83	14.660	1133	1135	1136	rVV	176183	269080	6.59%	0.435%
84	14.705	1136	1139	1141	rVV2	922106	2061279	50.51%	3.334%
85	14.751	1141	1143	1145	rVV	792356	1023306	25.08%	1.655%
86	14.797	1145	1147	1148	rVV2	36723	62642	1.54%	0.101%
87	14.865	1151	1153	1156	rVB2	70578	90262	2.21%	0.146%
88	14.934	1157	1159	1162	rBV2	60354	105011	2.57%	0.170%
89	15.082	1170	1172	1175	rBV	73376	157270	3.85%	0.254%
90	15.140	1175	1177	1181	rVV	135949	252236	6.18%	0.408%
91	15.208	1181	1183	1185	rVV2	56586	80660	1.98%	0.130%
92	15.322	1190	1193	1196	rVV	119927	239872	5.88%	0.388%
93	15.608	1216	1218	1220	rBV	85943	111095	2.72%	0.180%
94	15.848	1237	1239	1242	rVB	75238	110668	2.71%	0.179%
95	16.271	1272	1276	1278	rBV	580823	1278773	31.34%	2.068%
96	16.637	1305	1308	1311	rBV	282125	488209	11.96%	0.790%
97	16.705	1311	1314	1318	rVB	478438	640775	15.70%	1.036%
98	16.785	1318	1321	1322	rBV	449856	753051	18.45%	1.218%
99	18.157	1438	1441	1445	rVB2	210661	421795	10.34%	0.682%
100	18.523	1471	1473	1482	rVB	197638	466918	11.44%	0.755%

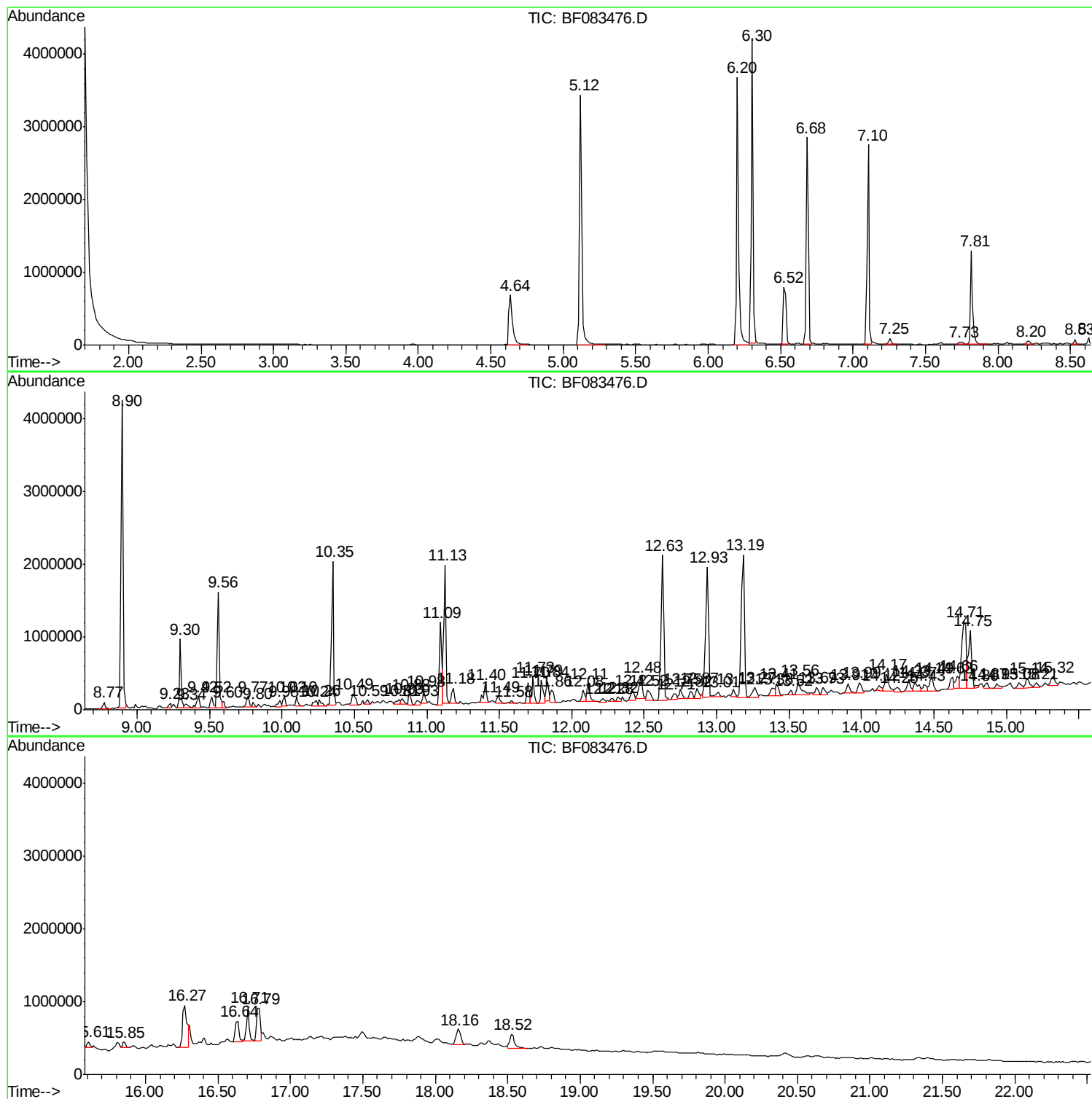
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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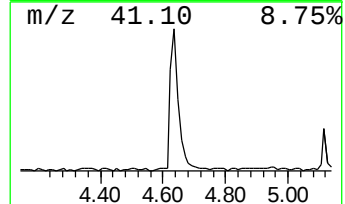
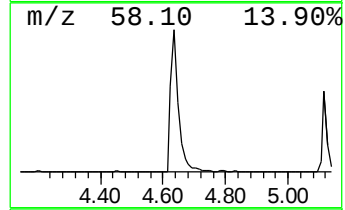
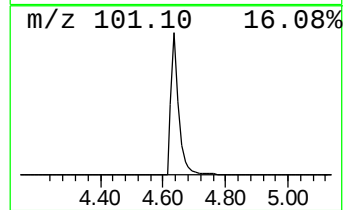
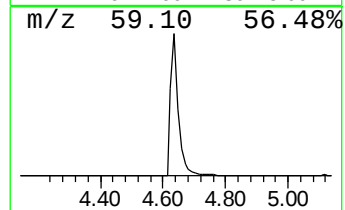
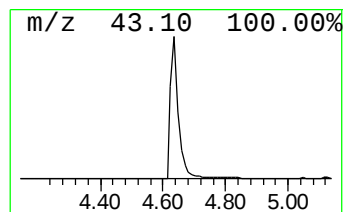
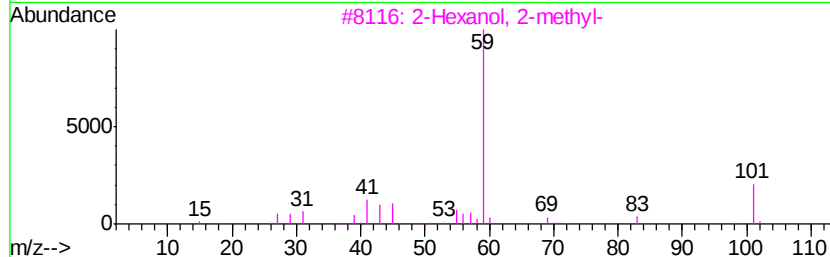
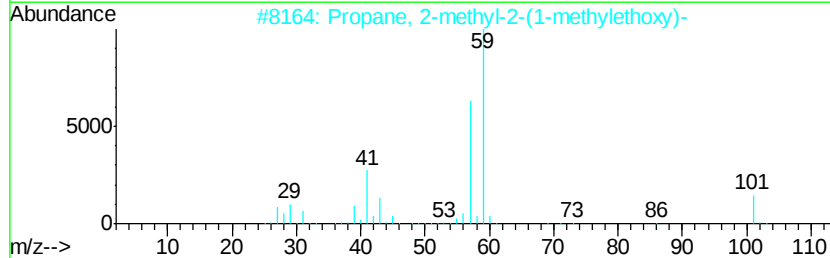
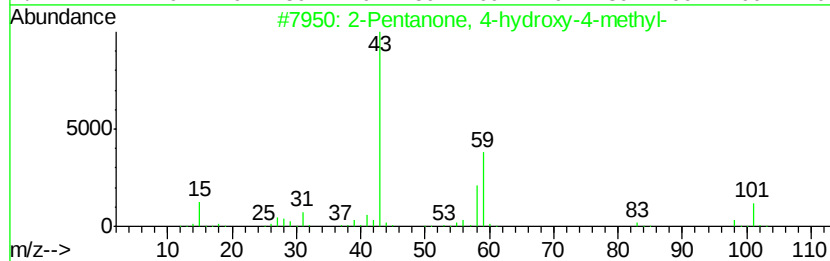
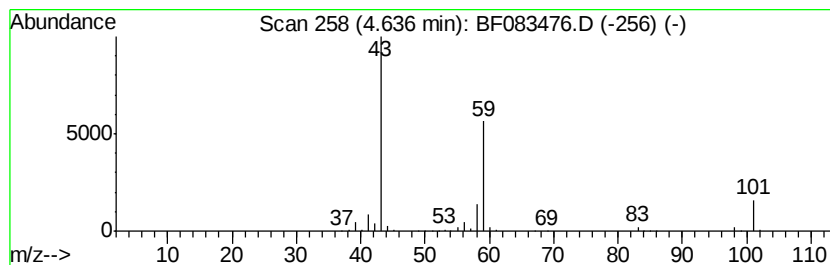
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.64	21.97 ng	1161900	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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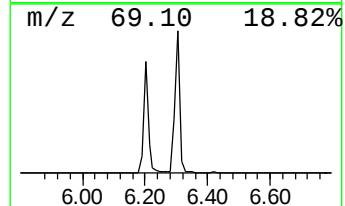
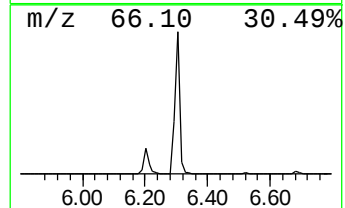
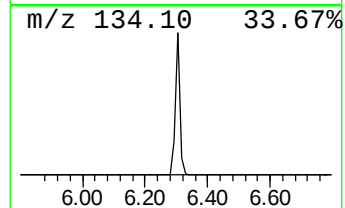
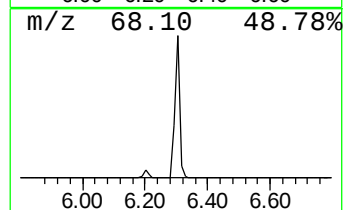
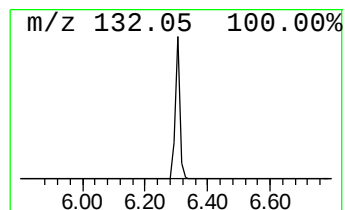
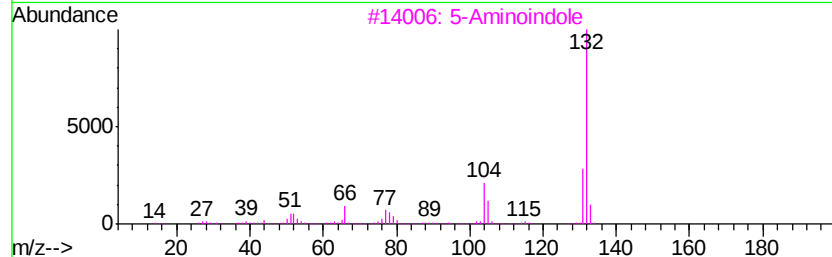
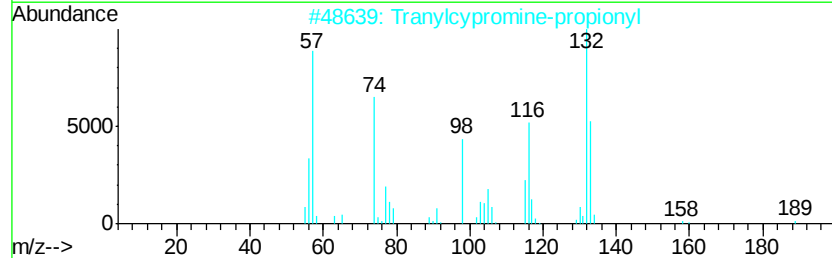
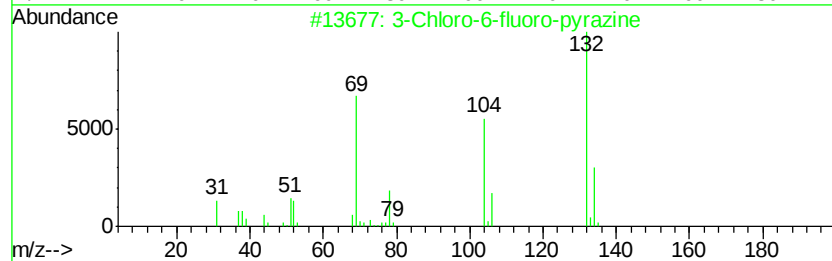
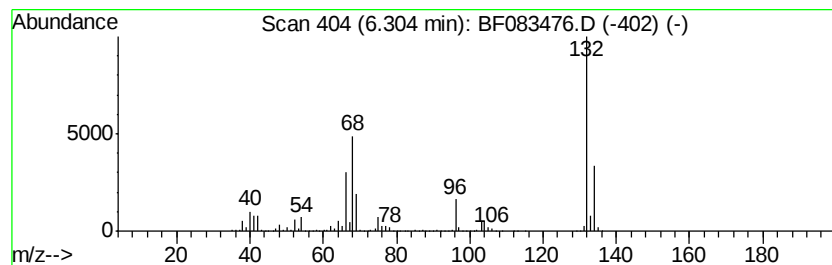
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	77.16 ng	4080810	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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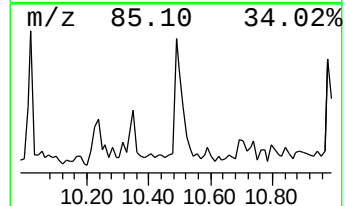
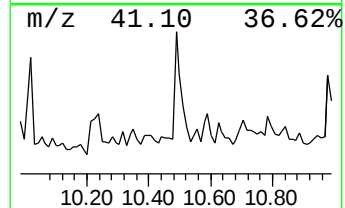
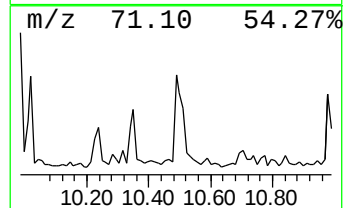
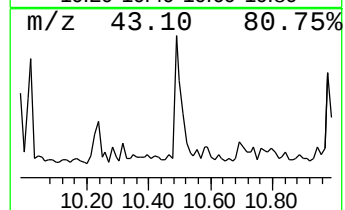
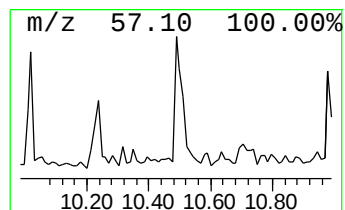
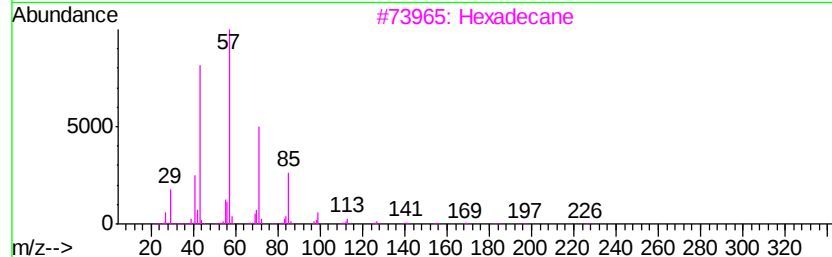
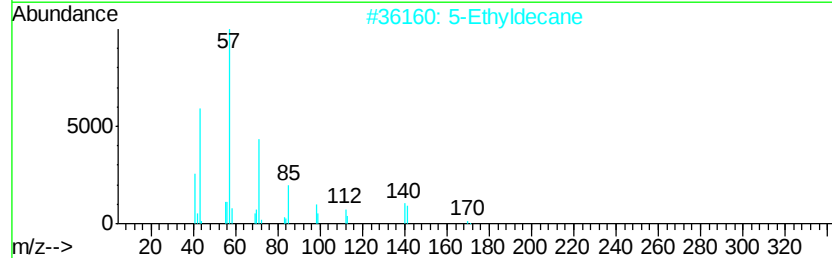
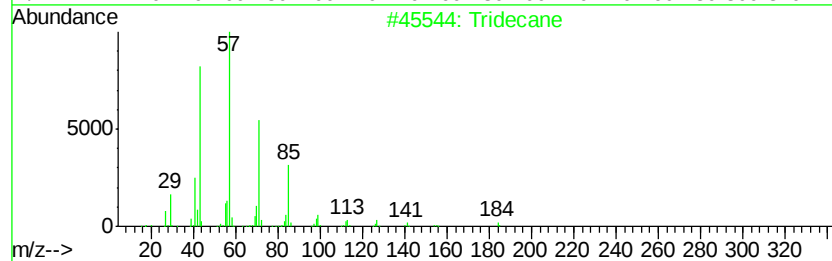
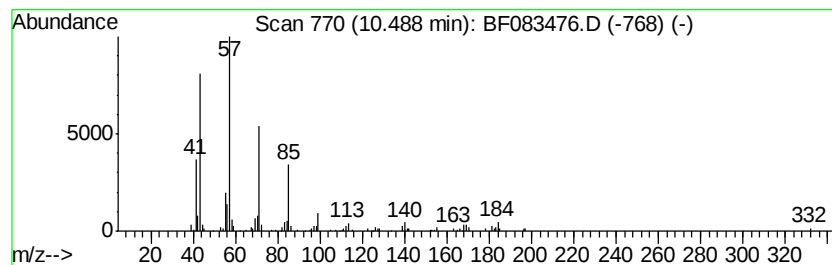
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.49	4.24 ng	263564	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	5-Ethyldecane	170	C12H26	017302-36-2	74
3	Hexadecane	226	C16H34	000544-76-3	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
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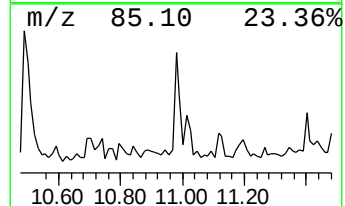
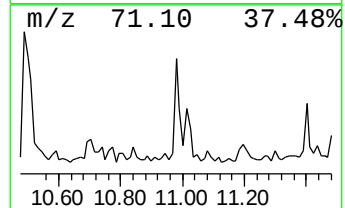
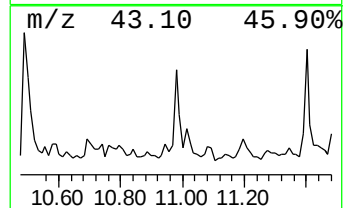
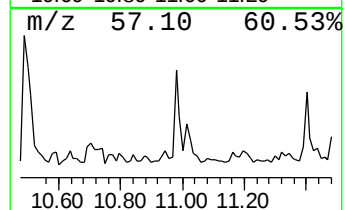
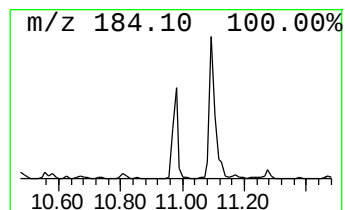
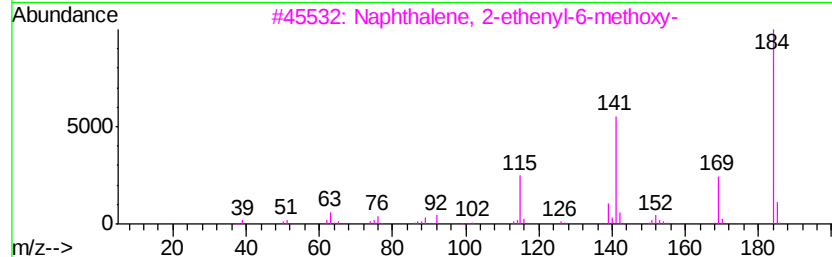
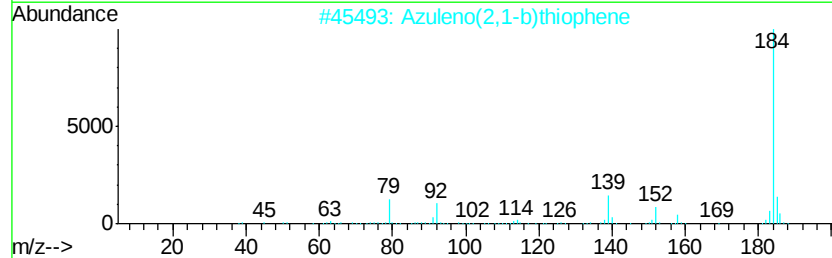
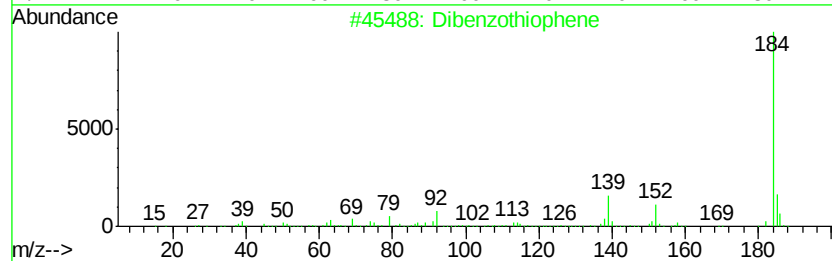
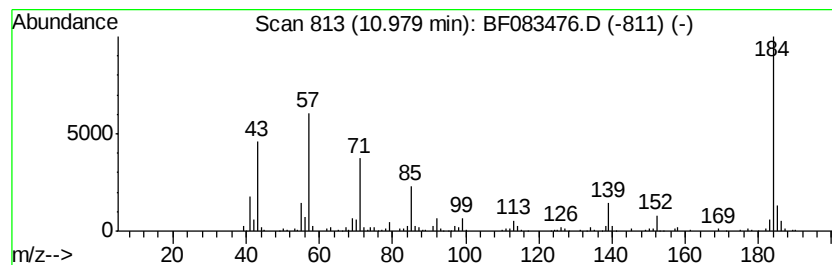
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.98	3.21 ng	199739	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	70
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	62
3	Naphthalene, 2-ethenvl-6-methoxy-	184	C13H12O	063444-51-9	52
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	50
5	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
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Instrument :
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ClientSampleId :
CWC-MISC-7-20151130

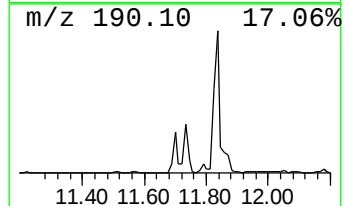
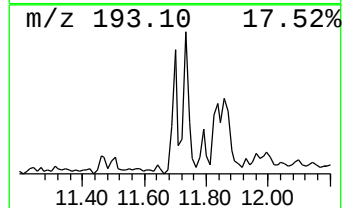
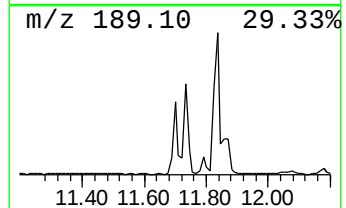
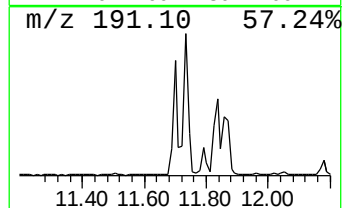
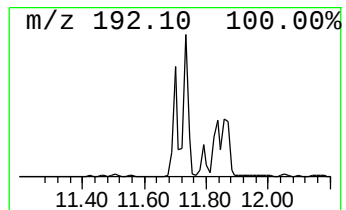
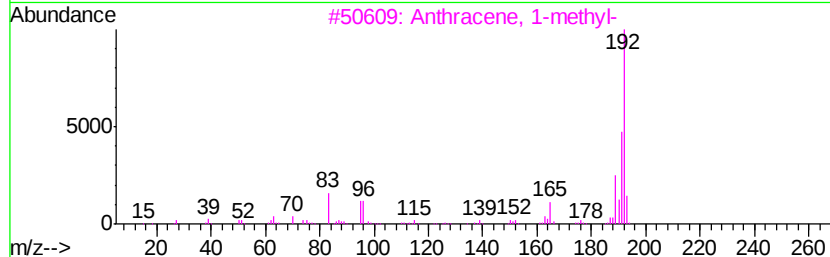
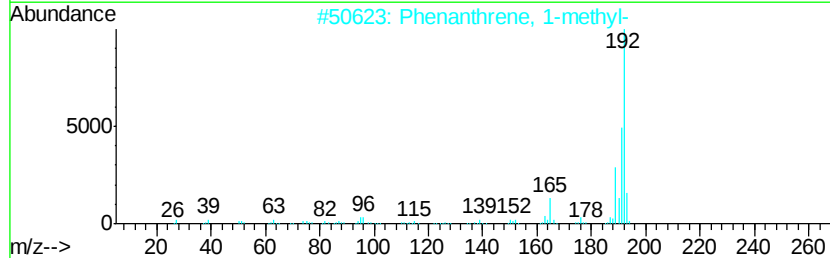
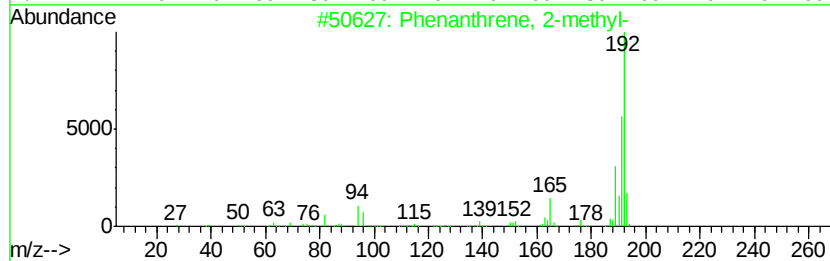
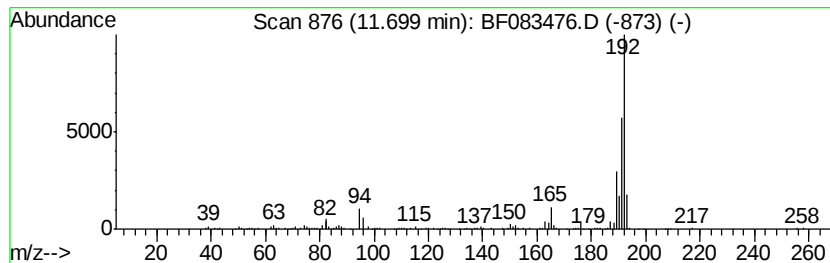
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.10 ng	317343	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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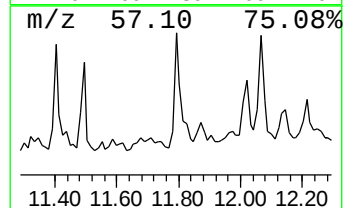
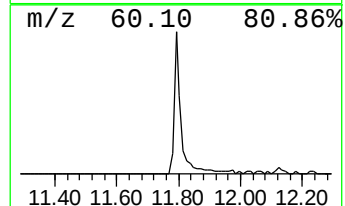
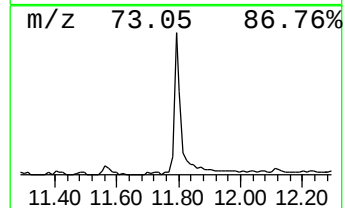
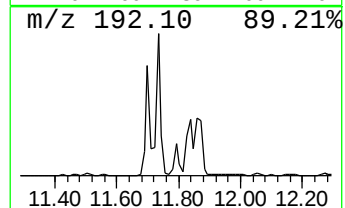
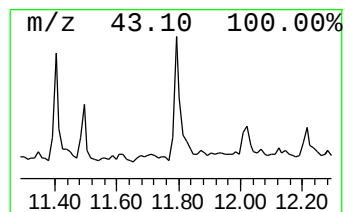
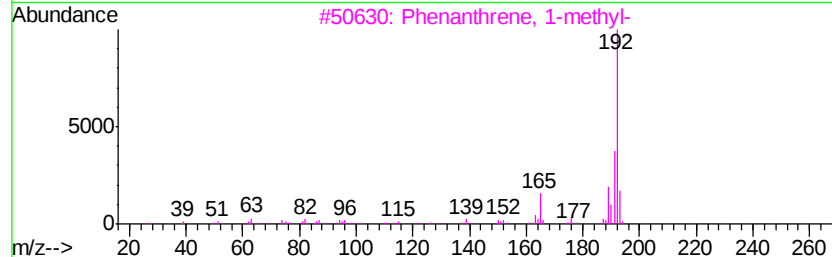
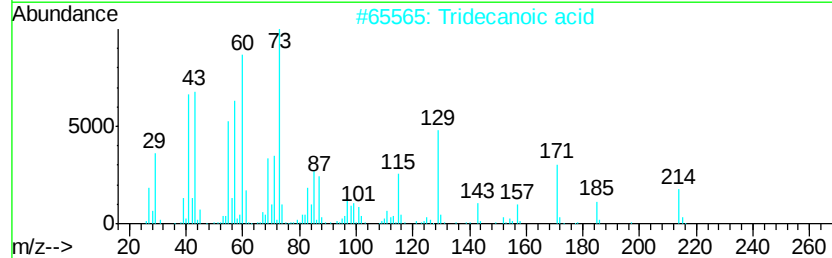
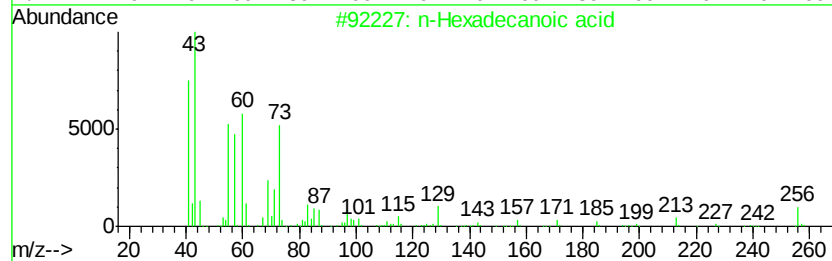
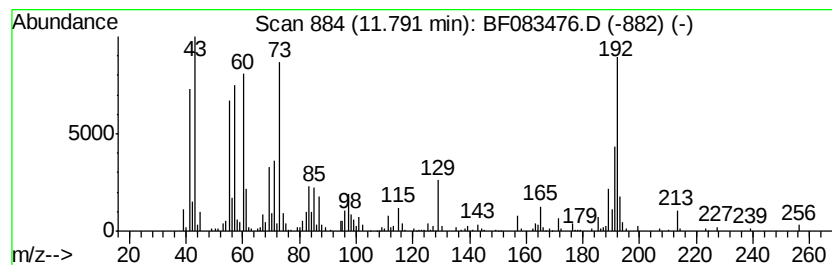
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.98 ng	434104	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	84
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
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Sample : G4608-05
Misc :
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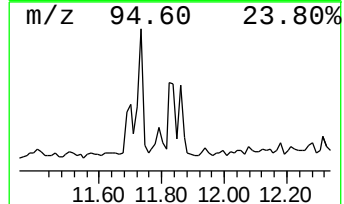
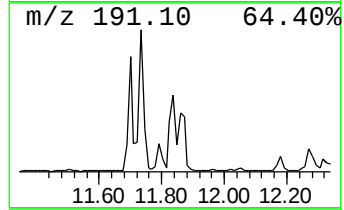
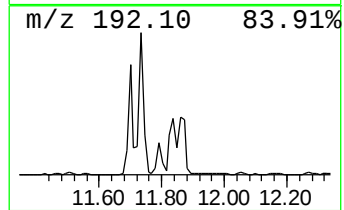
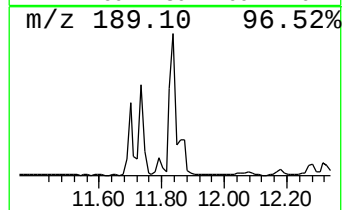
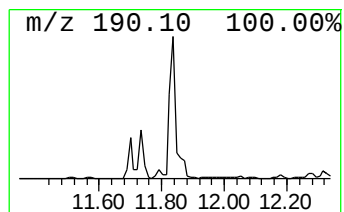
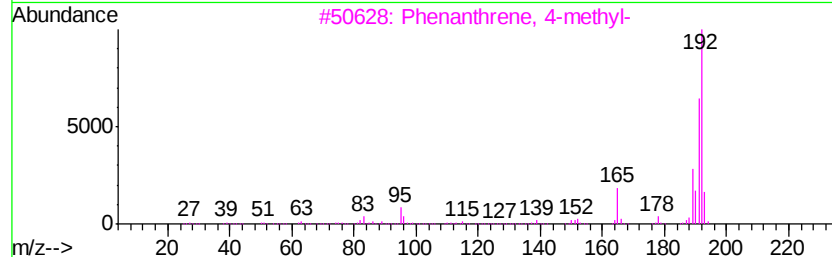
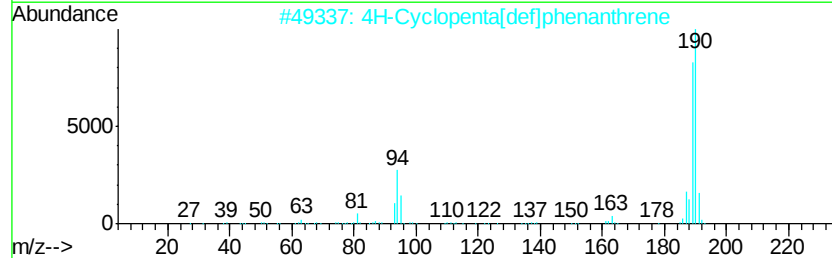
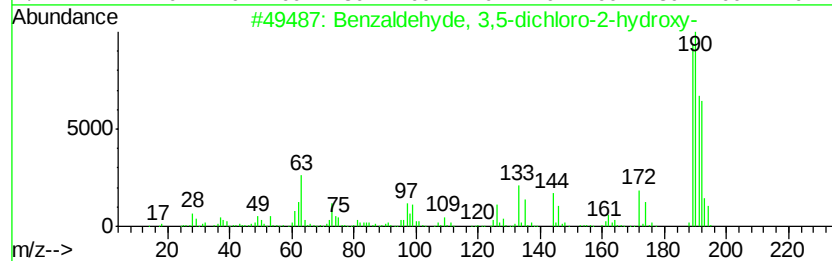
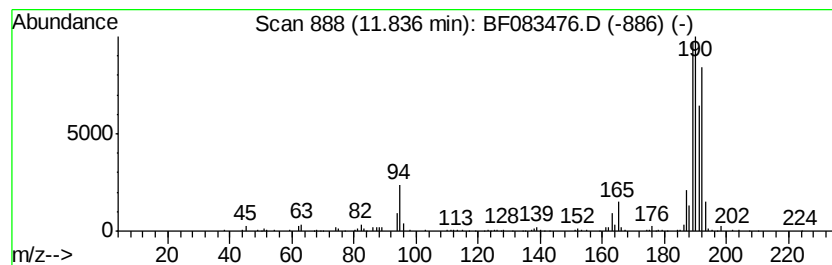
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	6.04 ng	375564	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
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ALS Vial : 20 Sample Multiplier: 1

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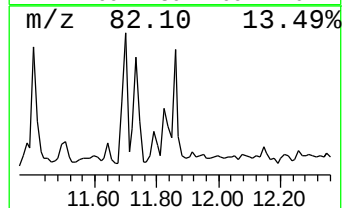
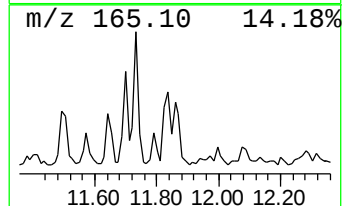
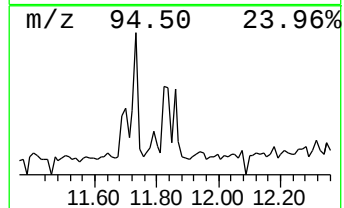
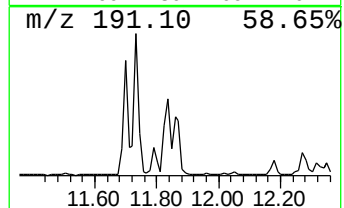
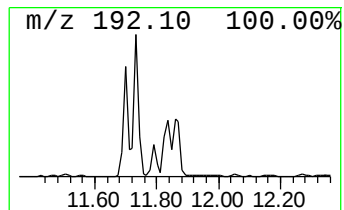
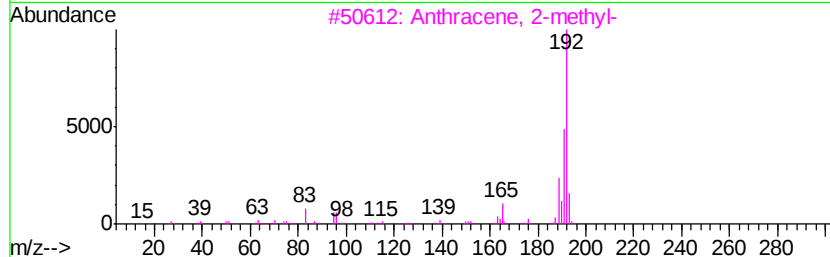
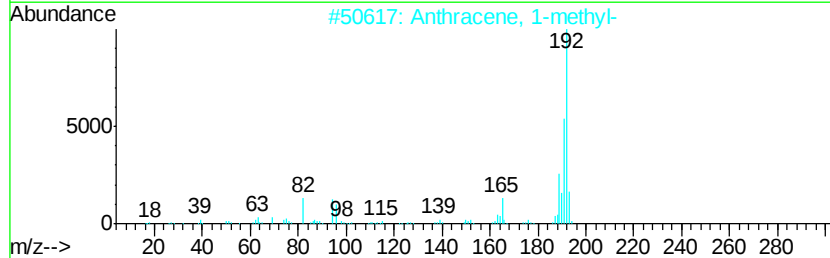
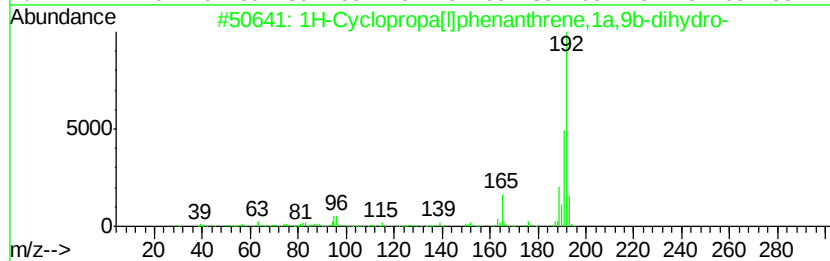
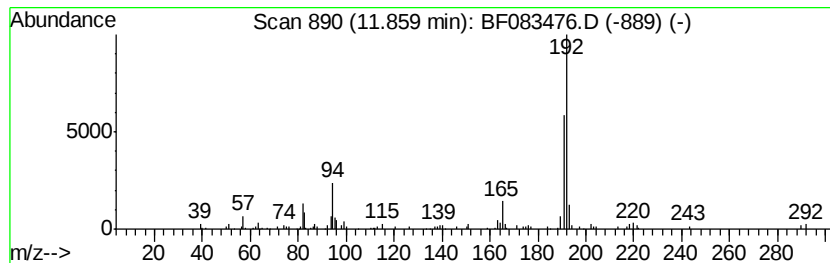
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.69 ng	229499	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
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ClientSampleId :
CWC-MISC-7-20151130

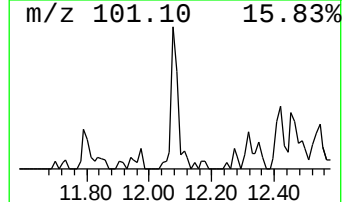
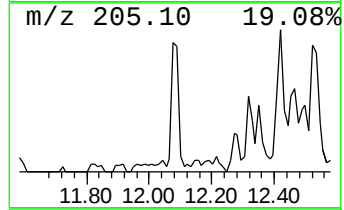
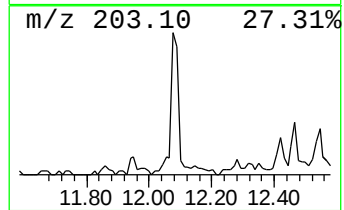
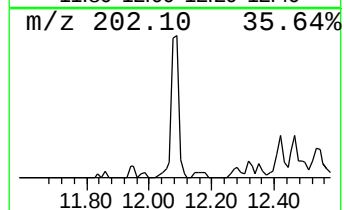
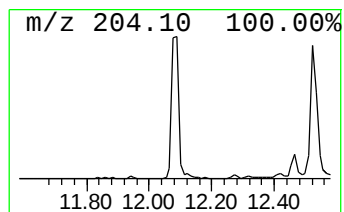
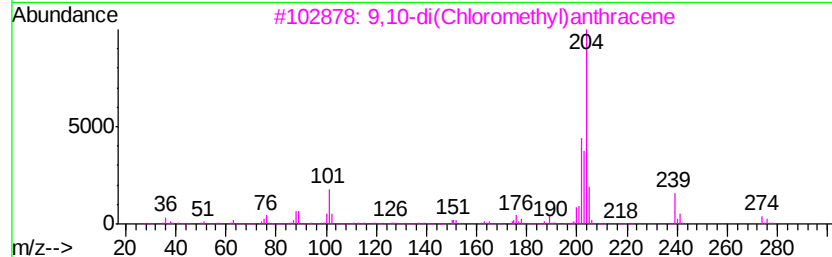
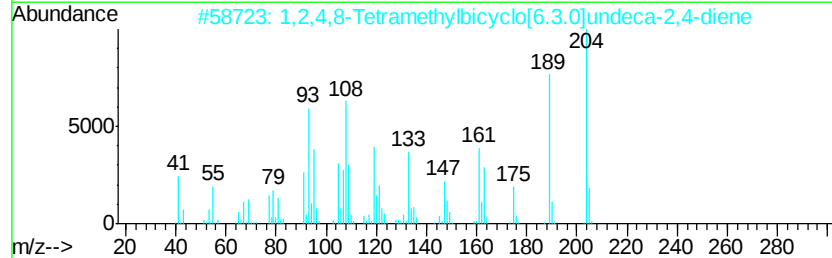
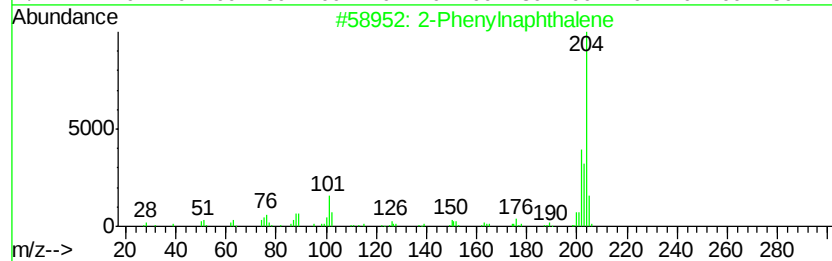
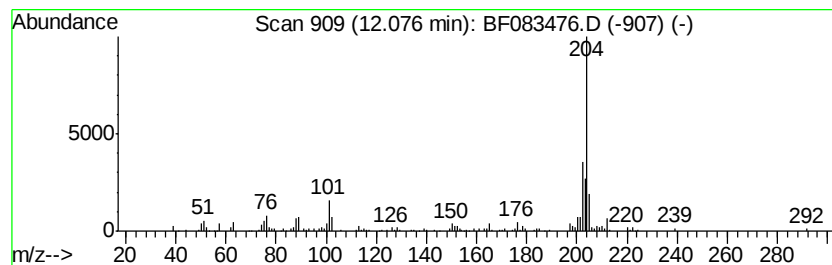
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Phenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.78 ng	235166	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
3		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	87
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
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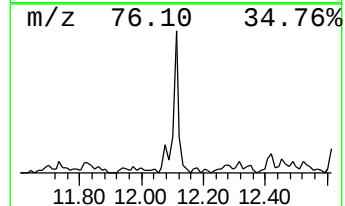
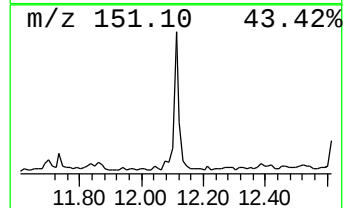
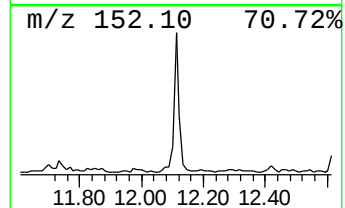
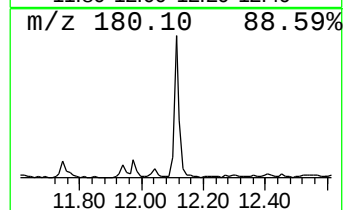
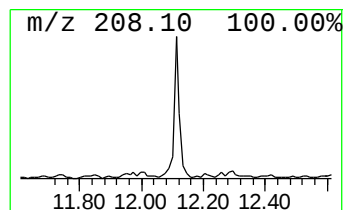
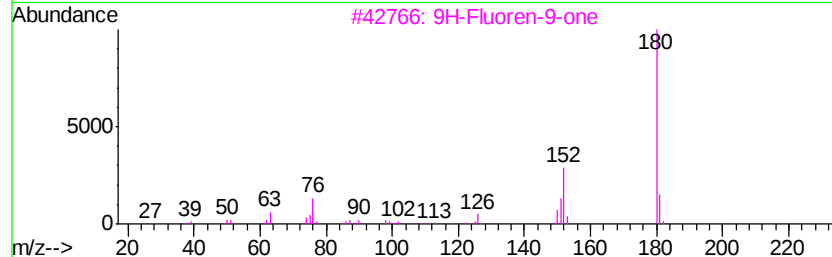
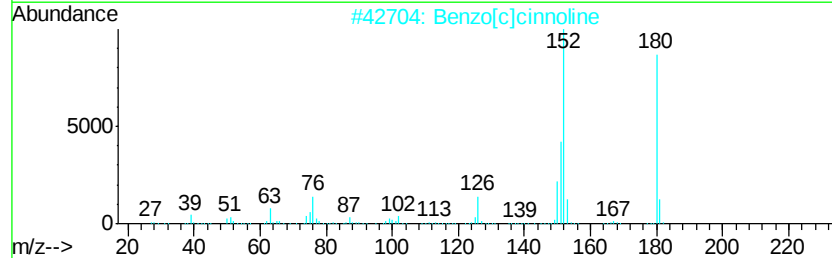
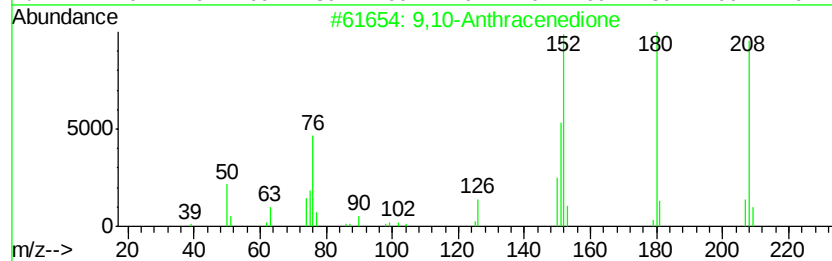
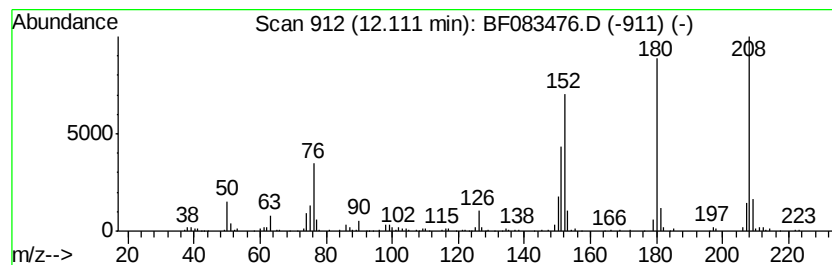
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	4.61 ng	286654	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
4			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-7-20151130

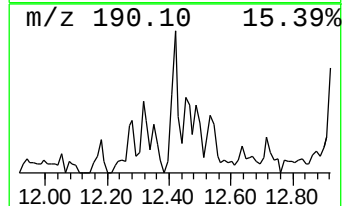
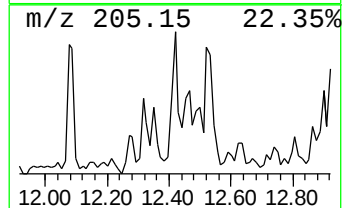
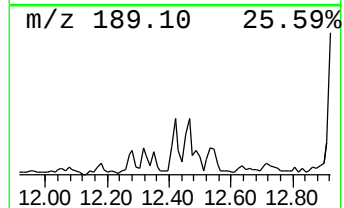
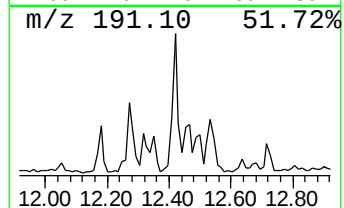
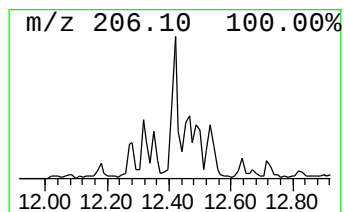
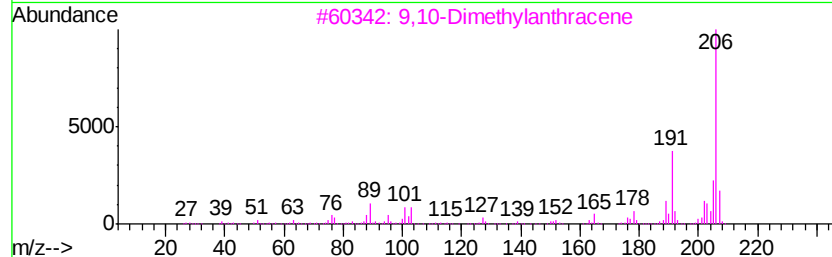
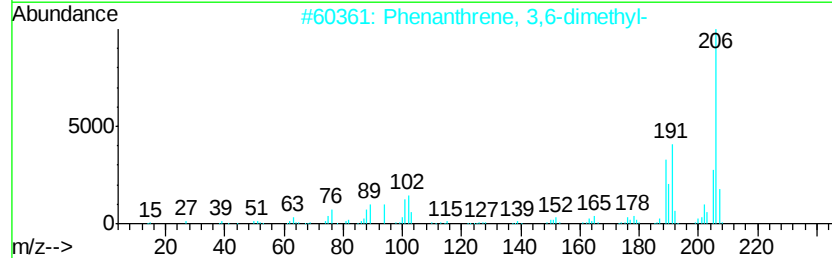
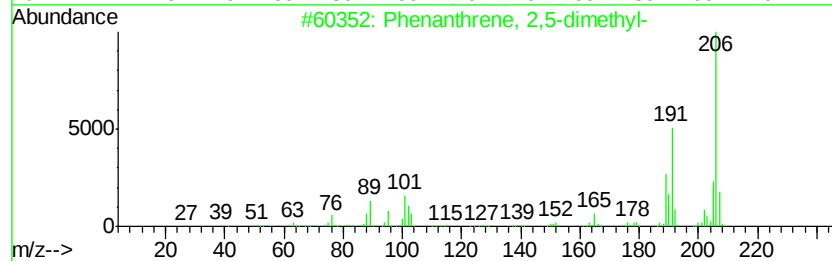
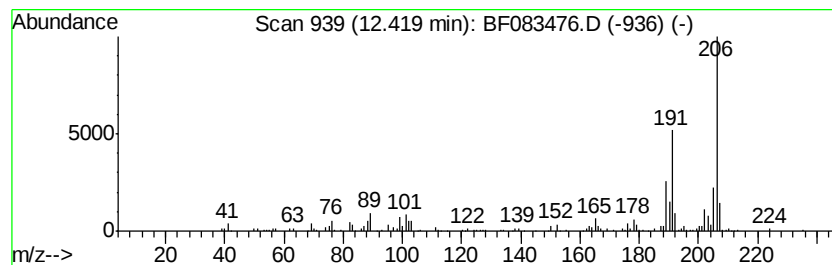
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.93 ng	244512	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-7-20151130

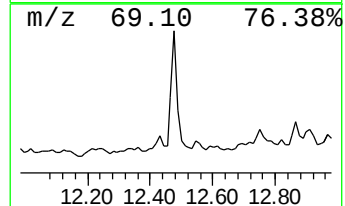
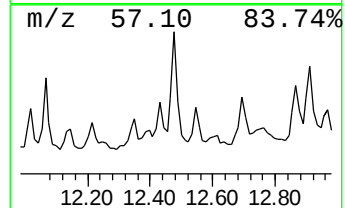
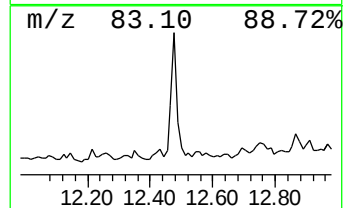
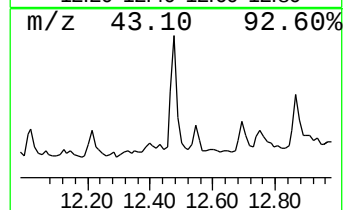
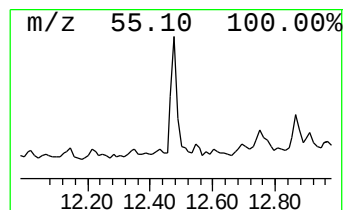
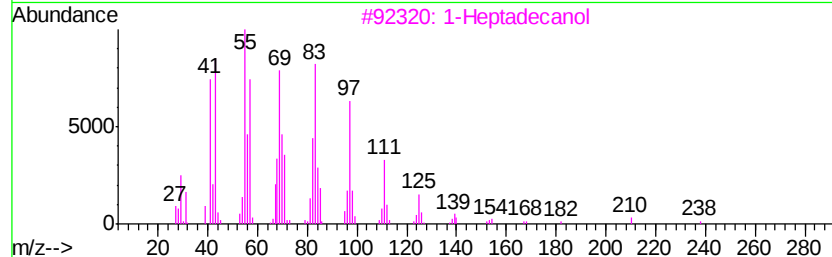
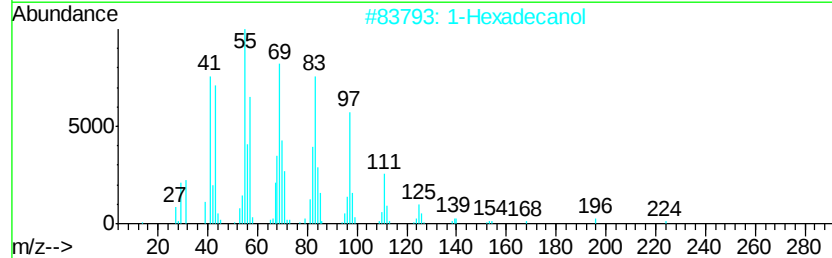
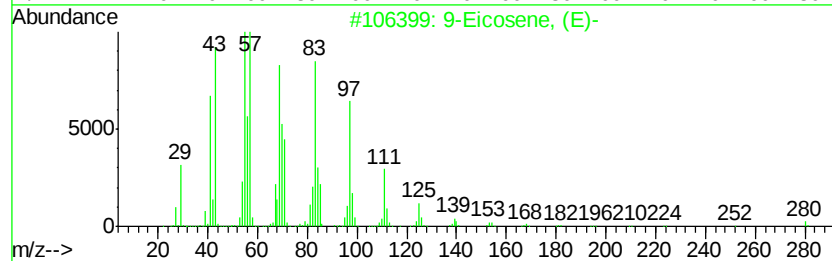
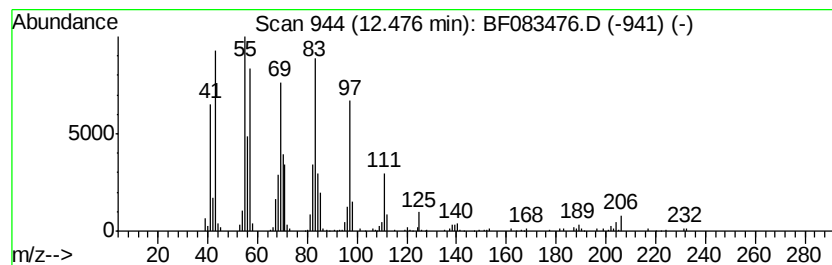
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.55 ng	469622	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		1-Heptadecanol	256	C17H36O	001454-85-9	91
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5		Cyclohexadecane	224	C16H32	000295-65-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-7-20151130

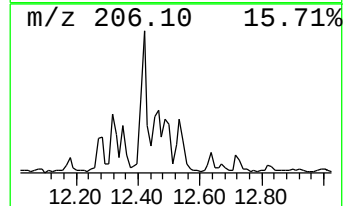
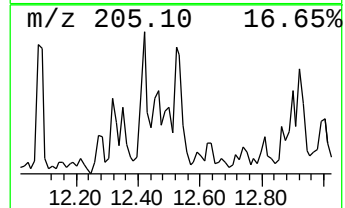
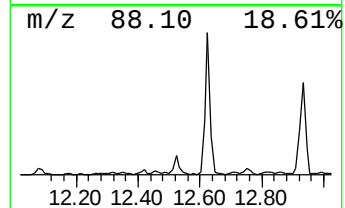
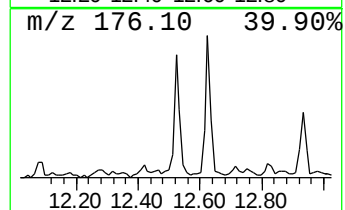
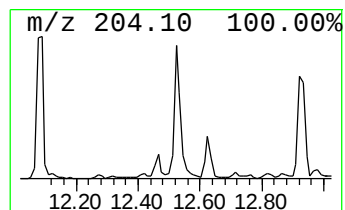
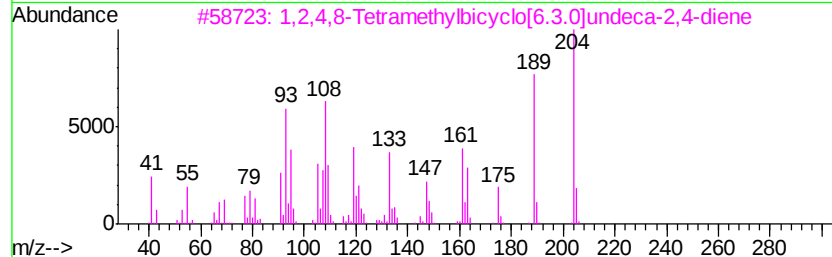
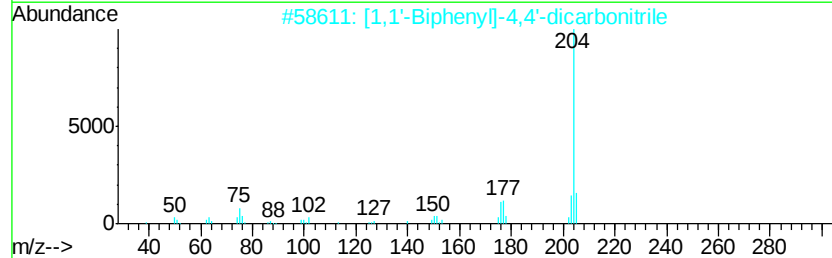
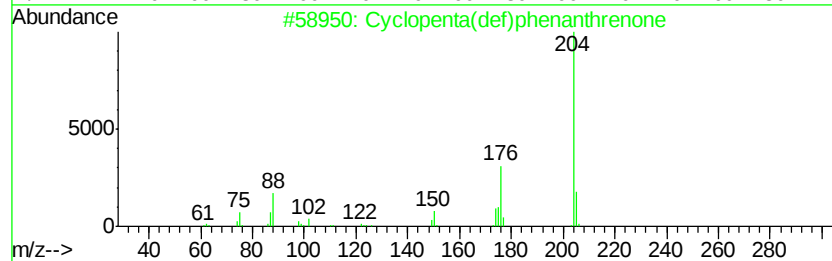
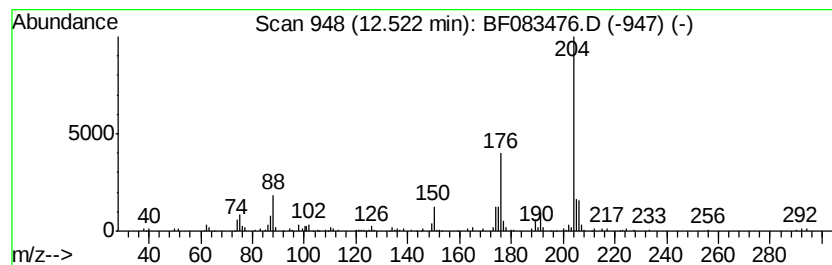
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.46 ng	277310	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
4		Hexamethylcyclotrisilazane	219	C6H21N3Si3	001009-93-4	38
5		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083476.D
Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-7-20151130

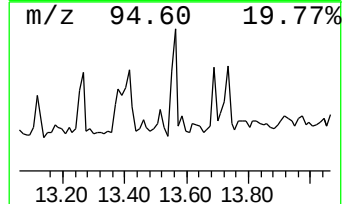
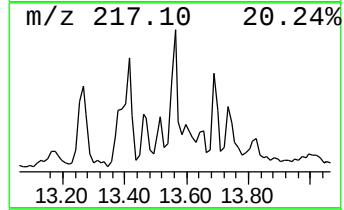
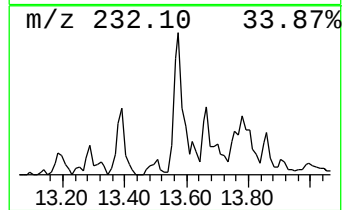
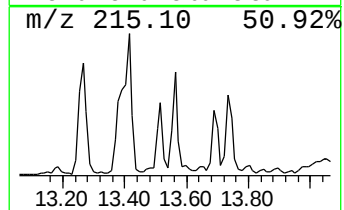
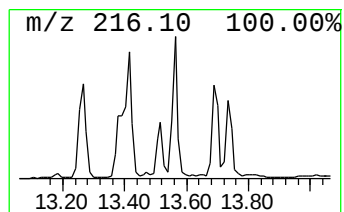
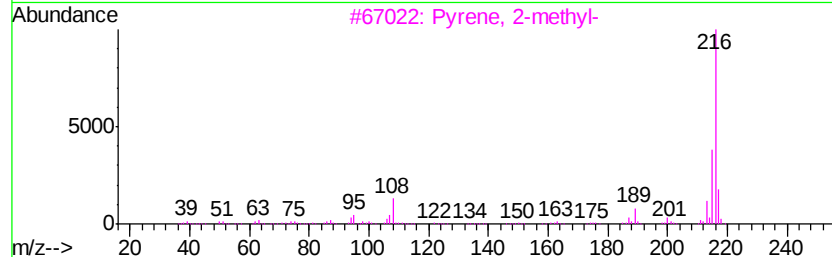
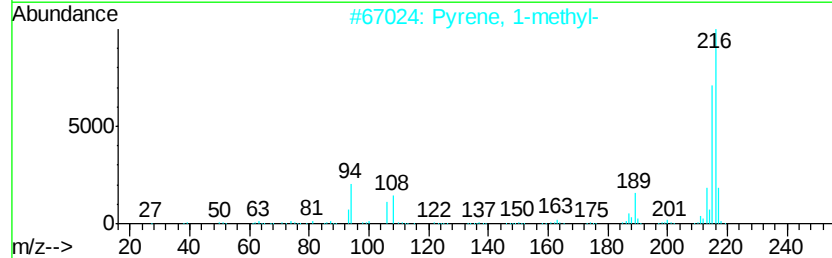
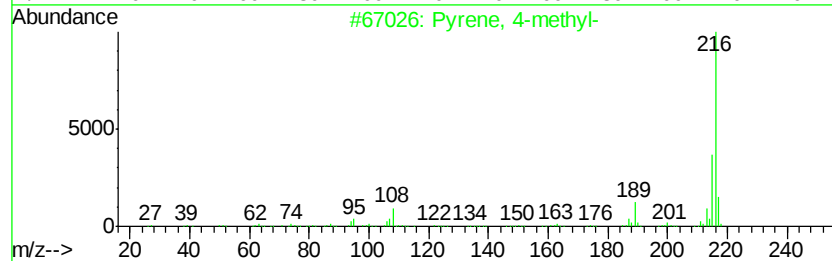
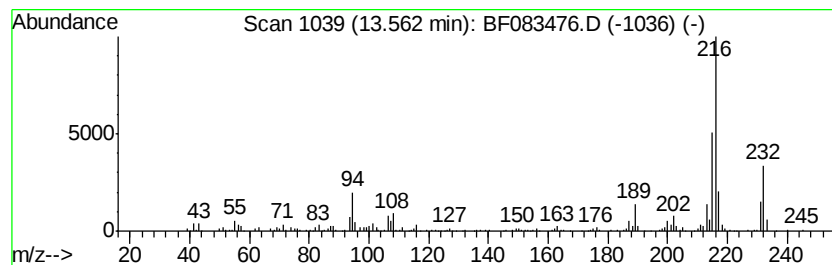
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.20 ng	432394	Chrysene-d12	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4		11H-Benzo[<i>a</i>]fluorene	216	C17H12	000238-84-6	76
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Acq On : 3 Dec 2015 23:22
Operator : UM/IZ
Sample : G4608-05
Misc :
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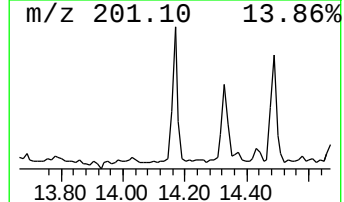
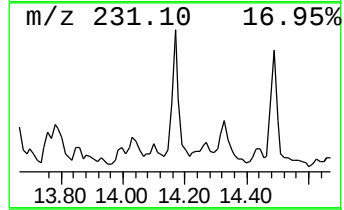
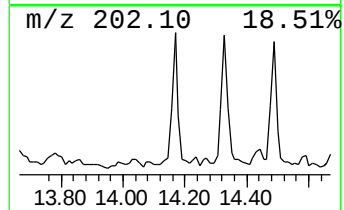
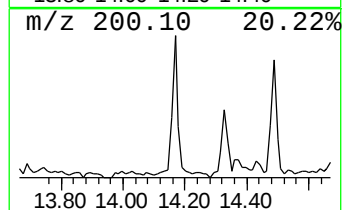
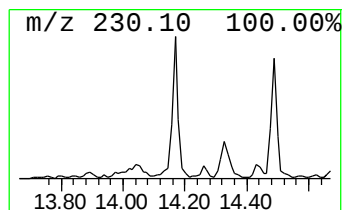
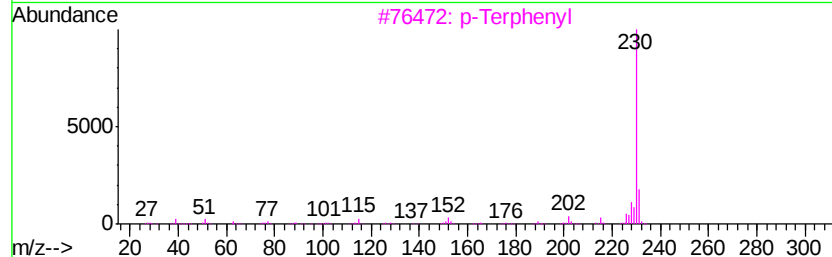
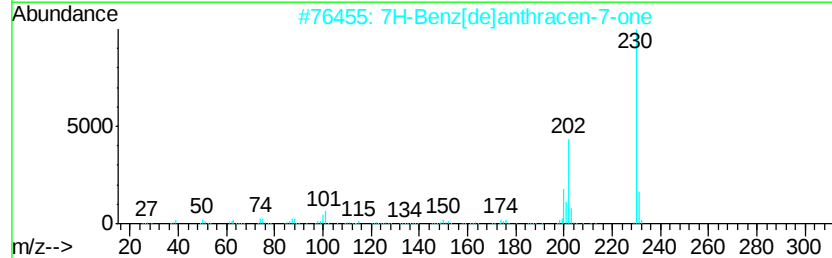
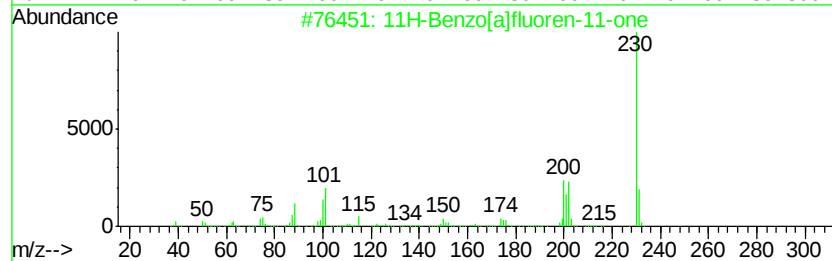
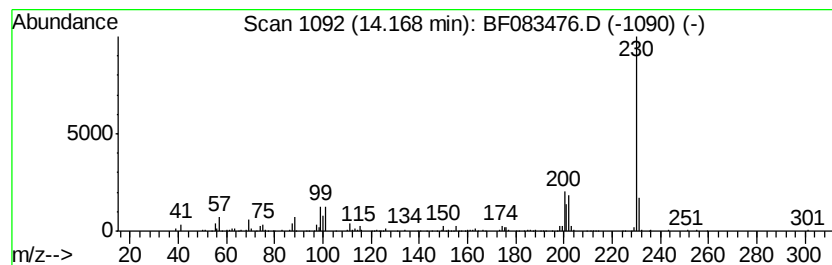
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.17	4.24 ng	436665	Chrysene-d12	14.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[alfluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[delanthracen-7-one	230	C17H10O	000082-05-3	81
3		p-Terphenyl	230	C18H14	000092-94-4	43
4		Benzo(a)phenazine	230	C16H10N2	000225-61-6	43
5		Cycloisolongifolene, 8,9-dehydro...	230	C16H22O	059820-24-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083476.D
 Acq On : 3 Dec 2015 23:22
 Operator : UM/IZ
 Sample : G4608-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CWC-MISC-7-20151130

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
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unknown6.30	6.30	77.2	ng	4080810	1	6.53	1057820	20.0
Tridecane	10.49	4.2	ng	263564	4	11.09	1243690	20.0
Dibenzothiophene	10.98	3.2	ng	199739	4	11.09	1243690	20.0
Phenanthrene, 2-m...	11.70	5.1	ng	317343	4	11.09	1243690	20.0
n-Hexadecanoic acid	11.79	7.0	ng	434104	4	11.09	1243690	20.0
Benzaldehyde, 3,5...	11.84	6.0	ng	375564	4	11.09	1243690	20.0
1H-Cyclopropa[l]p...	11.86	3.7	ng	229499	4	11.09	1243690	20.0
2-Phenyl naphthalene	12.08	3.8	ng	235166	4	11.09	1243690	20.0
9,10-Anthracenedione	12.11	4.6	ng	286654	4	11.09	1243690	20.0
Phenanthrene, 2,5...	12.42	3.9	ng	244512	4	11.09	1243690	20.0
9-Eicosene, (E)-	12.48	7.5	ng	469622	4	11.09	1243690	20.0
Cyclopenta(def)ph...	12.52	4.5	ng	277310	4	11.09	1243690	20.0
Pyrene, 4-methyl-	13.56	4.2	ng	432394	5	14.72	2061280	20.0
11H-Benzo[a]fluor...	14.17	4.2	ng	436665	5	14.72	2061280	20.0