

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083464.D
 Acq On : 3 Dec 2015 17:10
 Operator : UM/IZ
 Sample : G4585-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(0-8)

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	4.647	257	259	268	rBV	909671	1755850	11.24%	0.867%
2	5.116	298	300	303	rBV	3773827	5553755	35.55%	2.743%
3	6.202	392	395	398	rBV	4851999	5655409	36.20%	2.793%
4	6.305	401	404	406	rVV	5702517	6002509	38.42%	2.964%
5	6.522	421	423	425	rBV	1028983	1132142	7.25%	0.559%
6	6.682	435	437	443	rVB	4155956	4464649	28.58%	2.205%
7	6.785	444	446	448	rBV	414811	486827	3.12%	0.240%
8	7.105	469	474	476	rBV	3618586	4090843	26.19%	2.020%
9	7.562	512	514	516	rVV3	334276	540991	3.46%	0.267%
10	7.596	516	517	520	rVV2	277310	447987	2.87%	0.221%
11	7.848	531	539	542	rBV2	8414506	13142680	84.12%	6.490%
12	7.905	542	544	547	rVV2	527005	655771	4.20%	0.324%
13	8.122	559	563	564	rBV4	247433	367192	2.35%	0.181%
14	8.259	573	575	579	rVV3	498826	883252	5.65%	0.436%
15	8.430	588	590	592	rVV	442740	566500	3.63%	0.280%
16	8.488	592	595	596	rVV3	176920	346842	2.22%	0.171%
17	8.533	596	599	601	rVB	3772892	3637142	23.28%	1.796%
18	8.625	604	607	610	rVV	2661610	3140309	20.10%	1.551%
19	8.739	612	617	618	rBV3	271090	641861	4.11%	0.317%
20	8.865	624	628	629	rBV	489659	979206	6.27%	0.484%
21	8.899	629	631	634	rVB	5825188	5759898	36.87%	2.844%
22	8.991	637	639	642	rBV	2103568	2611969	16.72%	1.290%
23	9.082	645	647	651	rVB	1203977	1710931	10.95%	0.845%
24	9.151	651	653	655	rBV	1026434	1531298	9.80%	0.756%
25	9.185	655	656	658	rVV2	269880	331813	2.12%	0.164%
26	9.231	658	660	661	rVV	1523894	1814150	11.61%	0.896%
27	9.299	664	666	668	rVV3	1118527	1838593	11.77%	0.908%
28	9.345	668	670	674	rVV2	723360	1249981	8.00%	0.617%
29	9.425	674	677	679	rVB	1630126	1644363	10.53%	0.812%
30	9.516	684	685	687	rVV	555234	715291	4.58%	0.353%
31	9.562	687	689	690	rVV2	1980691	2567459	16.43%	1.268%
32	9.596	690	692	694	rVV	5462930	7007517	44.85%	3.460%
33	9.665	696	698	701	rVV	310197	523440	3.35%	0.258%
34	9.768	703	707	709	rVV2	913272	1688059	10.81%	0.834%

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35	9.802	709	710	712	rVV	454945	665840	4.26%	0.329%
36	9.836	712	713	715	rVV	649909	650452	4.16%	0.321%
37	9.882	715	717	722	rVV2	562019	1352103	8.65%	0.668%
38	9.962	722	724	727	rVV2	387552	754695	4.83%	0.373%
39	10.008	727	728	730	rVV2	816768	1187575	7.60%	0.586%
40	10.076	730	734	735	rVV3	596115	1081066	6.92%	0.534%
41	10.111	735	737	739	rVV	3487295	3806676	24.37%	1.880%
42	10.168	740	742	745	rVV3	315476	747625	4.79%	0.369%
43	10.236	745	748	749	rVV2	1112348	1698735	10.87%	0.839%
44	10.282	751	752	754	rVV	431430	431071	2.76%	0.213%
45	10.351	754	758	760	rVV3	3519343	4877057	31.22%	2.408%
46	10.511	767	772	774	rBV2	959363	1798610	11.51%	0.888%
47	10.671	783	786	787	rBV	407711	599614	3.84%	0.296%
48	10.694	787	788	791	rVV2	354186	579304	3.71%	0.286%
49	10.751	791	793	796	rVB3	286961	460922	2.95%	0.228%
50	10.831	796	800	804	rBV4	167900	500299	3.20%	0.247%
51	10.979	811	813	815	rBV2	1161106	1327868	8.50%	0.656%
52	11.025	815	817	819	rVB	479941	631975	4.05%	0.312%
53	11.139	821	827	829	rBV2	7231520	15622809	100.00%	7.715%
54	11.196	829	832	834	rVV	3589141	4001163	25.61%	1.976%
55	11.448	852	854	856	rVB2	397489	550977	3.53%	0.272%
56	11.494	856	858	862	rVB2	397779	578711	3.70%	0.286%
57	11.699	873	876	878	rBV	1246375	1725074	11.04%	0.852%
58	11.734	878	879	882	rVB	1338484	1630805	10.44%	0.805%
59	11.802	882	885	886	rBV	782615	1054415	6.75%	0.521%
60	11.837	886	888	893	rVB2	2304071	4291119	27.47%	2.119%
61	12.088	907	910	912	rBV	1162148	1536835	9.84%	0.759%
62	12.419	936	939	941	rBV	694486	1025739	6.57%	0.507%
63	12.465	941	943	945	rVV2	450291	764899	4.90%	0.378%
64	12.545	948	950	953	rVB	304772	462562	2.96%	0.228%
65	12.637	954	958	961	rVV	4425973	7854828	50.28%	3.879%
66	12.762	966	969	972	rVB	1835242	2355486	15.08%	1.163%
67	12.865	976	978	981	rVV	237133	352121	2.25%	0.174%
68	12.957	981	986	989	rVV	5736278	9993035	63.96%	4.935%
69	13.185	1002	1006	1009	rVV	3648026	5816225	37.23%	2.872%
70	13.265	1010	1013	1016	rBV	344610	594927	3.81%	0.294%
71	13.391	1020	1024	1025	rBV2	353268	801772	5.13%	0.396%

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72	13.414	1025	1026	1029	rVB2	797238	1145643	7.33%	0.566%
73	13.517	1033	1035	1037	rVV	900174	1042990	6.68%	0.515%
74	13.562	1037	1039	1042	rVV	607033	736188	4.71%	0.364%
75	13.688	1045	1050	1052	rBV2	462881	905748	5.80%	0.447%
76	13.734	1052	1054	1061	rVB	469905	942905	6.04%	0.466%
77	14.134	1086	1089	1097	rVV4	133718	391276	2.50%	0.193%
78	14.317	1101	1105	1107	rBV2	251893	528807	3.38%	0.261%
79	14.374	1107	1110	1111	rVV	483534	923332	5.91%	0.456%
80	14.397	1111	1112	1114	rVV	654312	620340	3.97%	0.306%
81	14.614	1129	1131	1135	rVV	390209	582569	3.73%	0.288%
82	14.705	1135	1139	1142	rVV3	2301750	5790462	37.06%	2.859%
83	14.751	1142	1143	1146	rVV	1629526	2207174	14.13%	1.090%
84	15.323	1189	1193	1195	rVV	322066	578118	3.70%	0.285%
85	15.460	1200	1205	1207	rVV3	247061	552183	3.53%	0.273%
86	15.528	1209	1211	1213	rVV2	297962	438575	2.81%	0.217%
87	16.271	1272	1276	1282	rBV	1222748	3201257	20.49%	1.581%
88	16.397	1282	1287	1290	rBV	350545	590857	3.78%	0.292%
89	16.637	1304	1308	1310	rVB	869958	1408185	9.01%	0.695%
90	16.706	1310	1314	1317	rBV	1624289	2790825	17.86%	1.378%
91	16.774	1317	1320	1322	rBV	738703	1112823	7.12%	0.550%
92	17.014	1334	1341	1346	rBV4	137798	606681	3.88%	0.300%
93	17.346	1367	1370	1376	rVB2	277794	534704	3.42%	0.264%
94	18.009	1424	1428	1431	rBV2	181272	395994	2.53%	0.196%
95	18.157	1437	1441	1445	rBV2	745513	1417322	9.07%	0.700%
96	18.523	1470	1473	1481	rVB	713215	1407800	9.01%	0.695%
97	18.729	1487	1491	1500	rVB	315470	722245	4.62%	0.357%
98	19.517	1555	1560	1573	rVB3	69568	337774	2.16%	0.167%
99	20.409	1632	1638	1643	rBV	135796	421861	2.70%	0.208%
100	21.392	1720	1724	1730	rVV	156953	518378	3.32%	0.256%

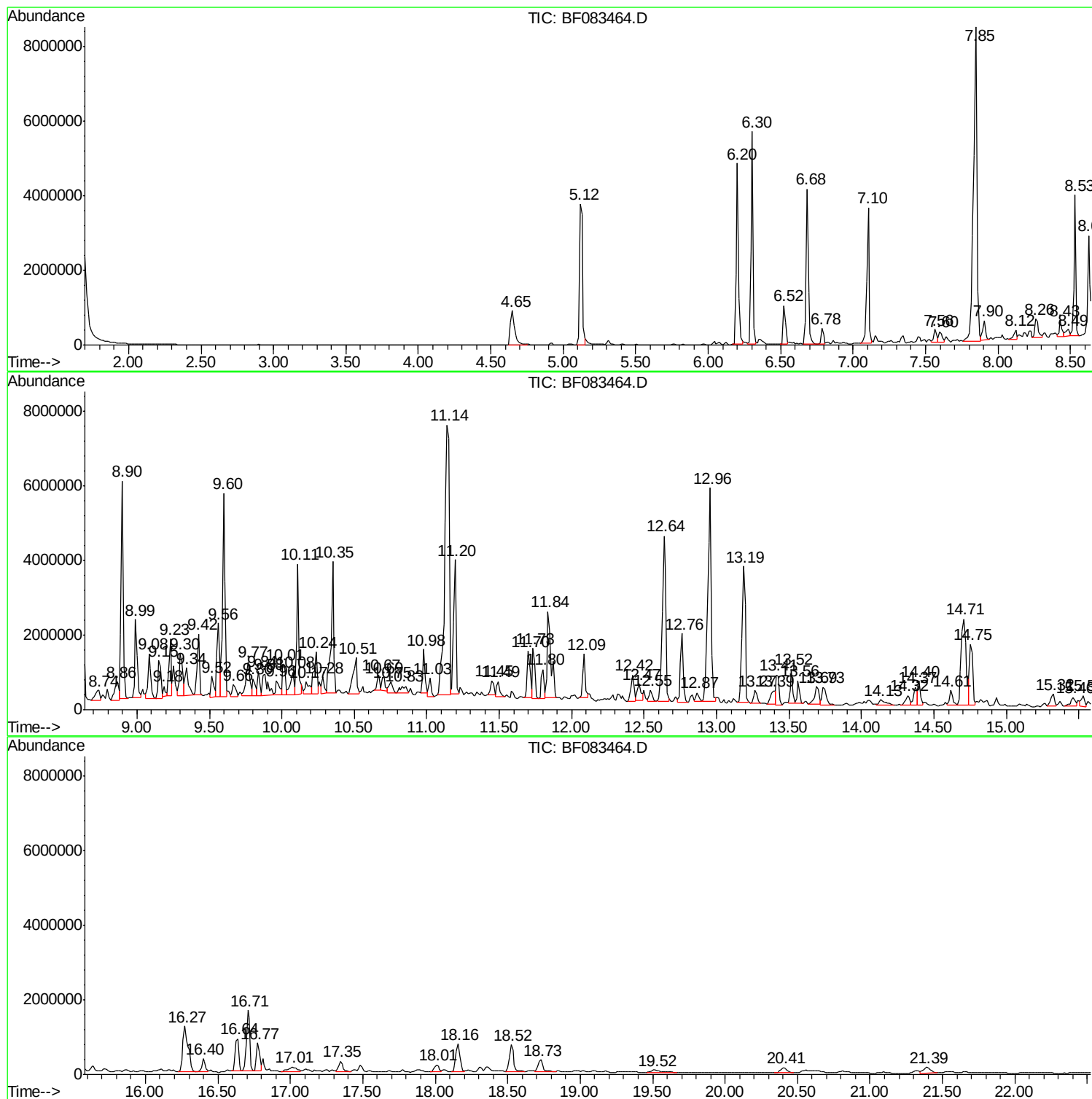
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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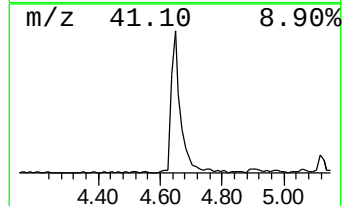
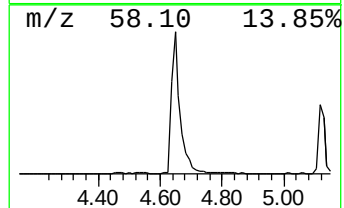
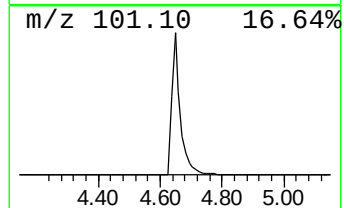
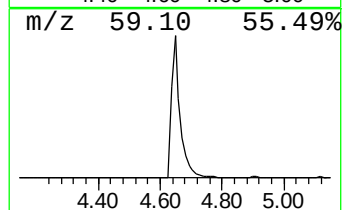
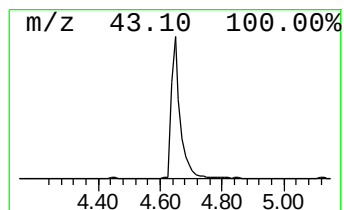
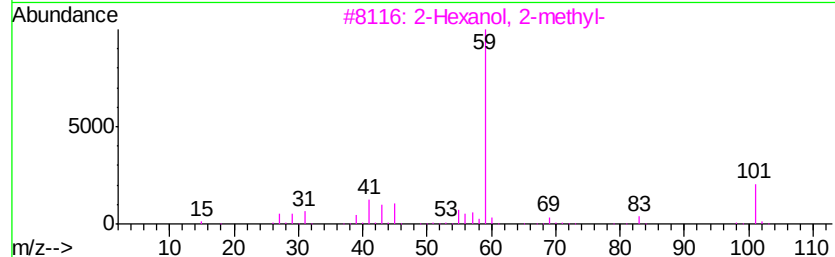
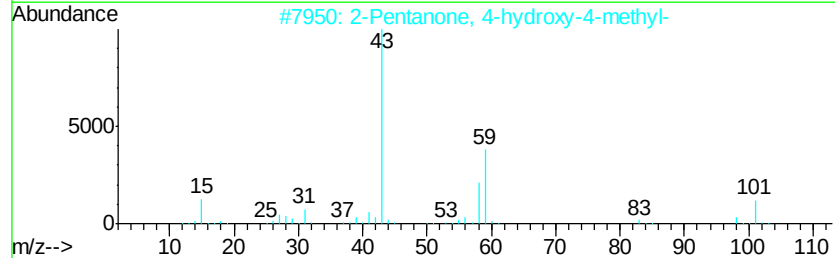
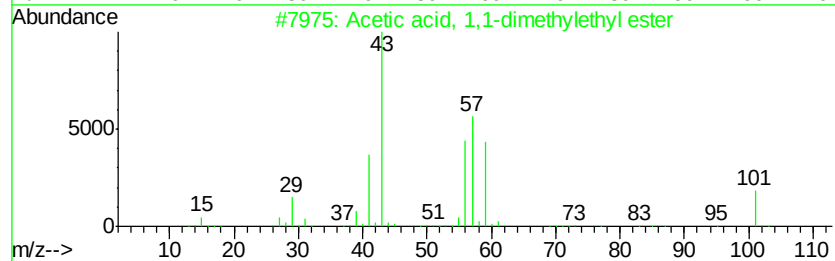
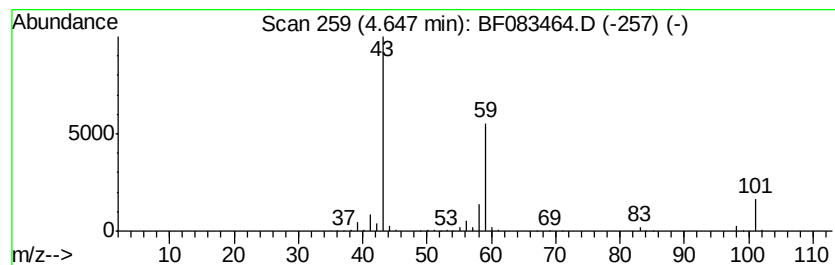
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	31.02 ng	1755850	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
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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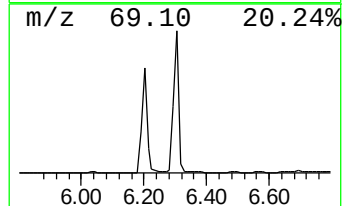
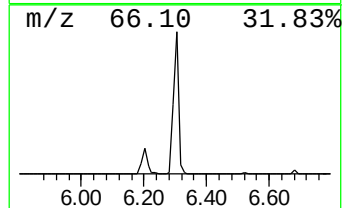
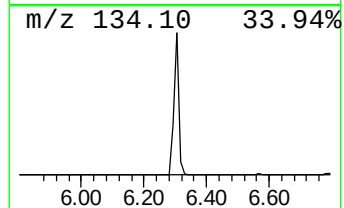
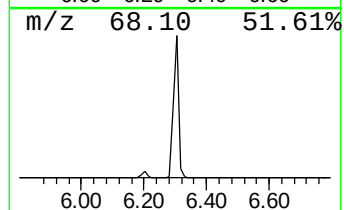
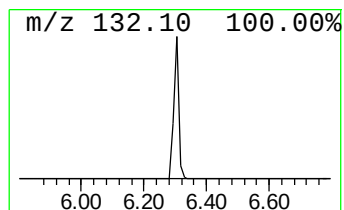
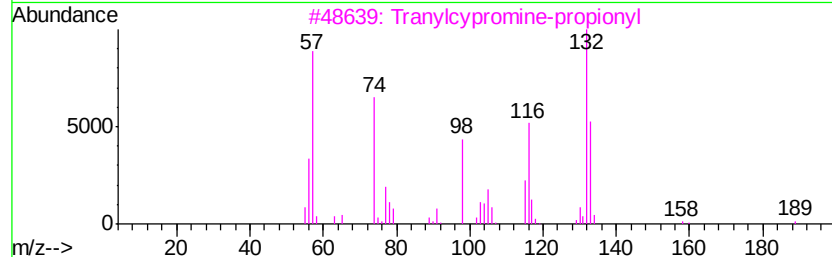
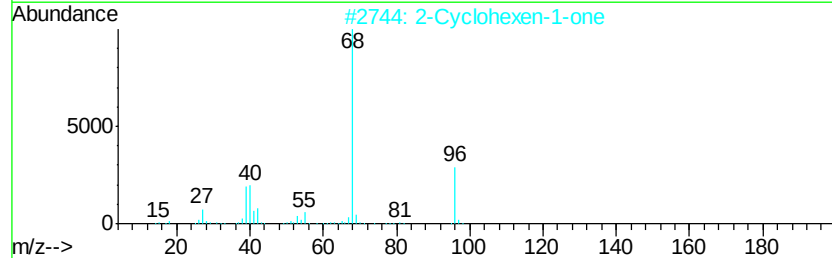
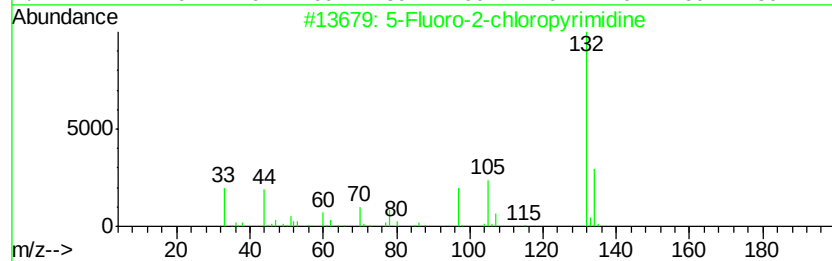
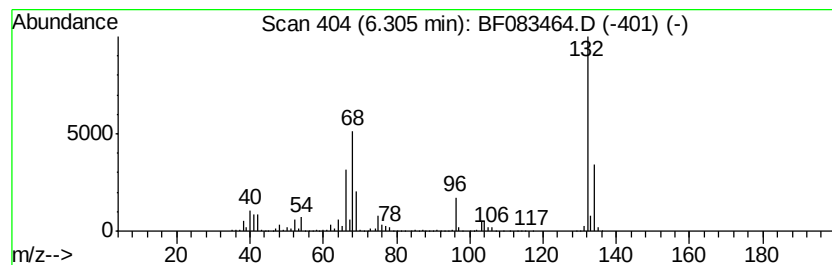
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	106.04 ng	6002510	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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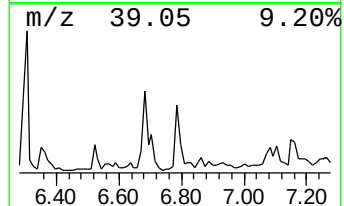
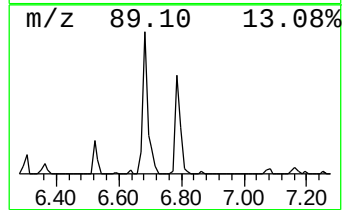
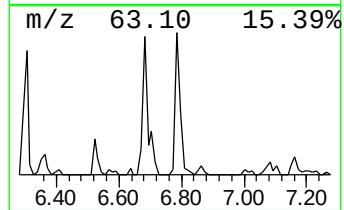
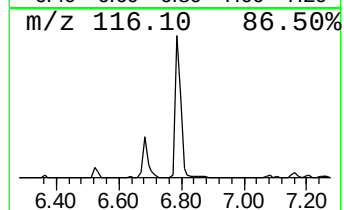
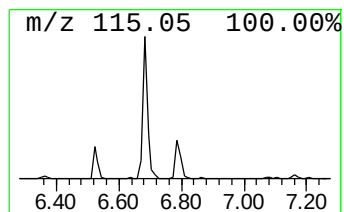
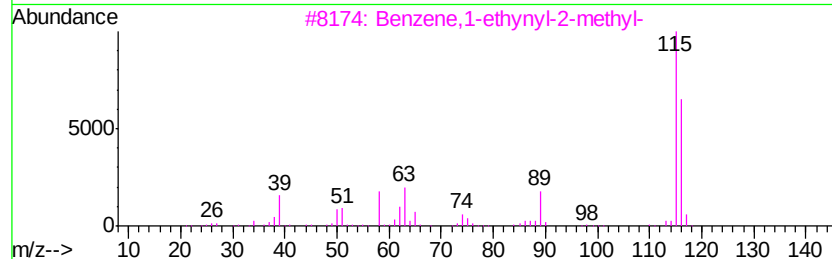
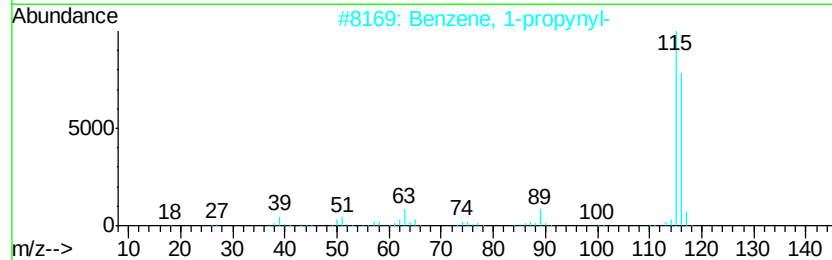
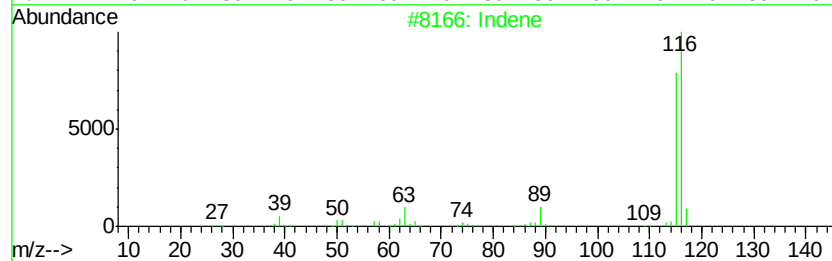
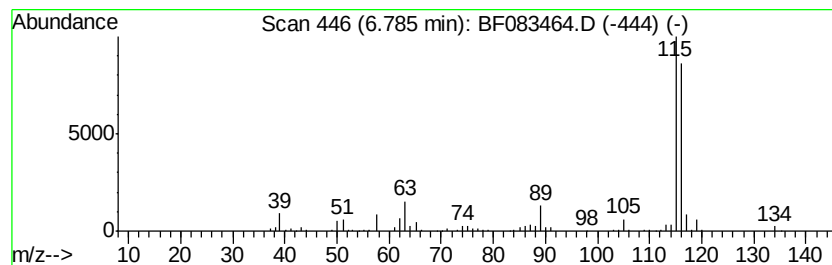
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.78	8.60 ng	486827	1,4-Dichlorobenzene-d4	6.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-15(0-8)

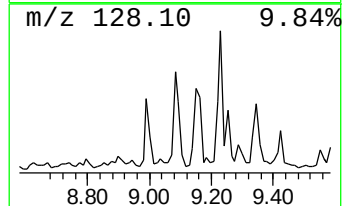
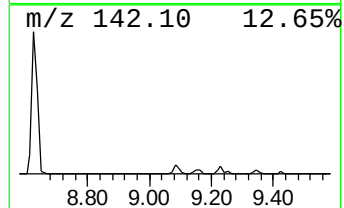
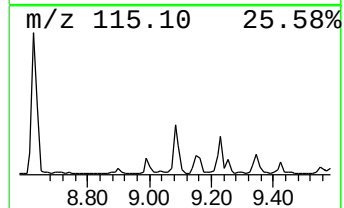
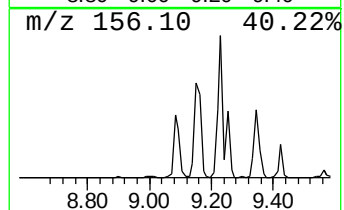
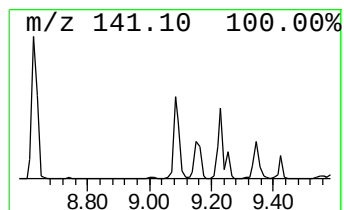
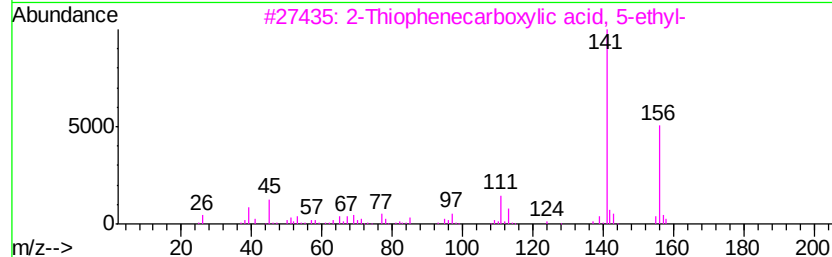
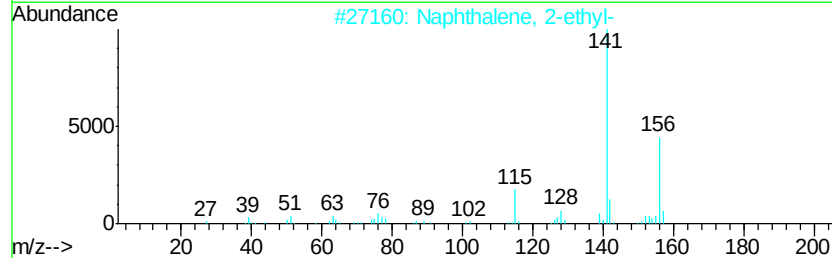
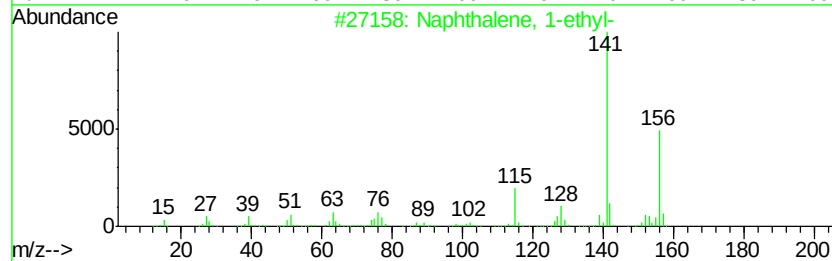
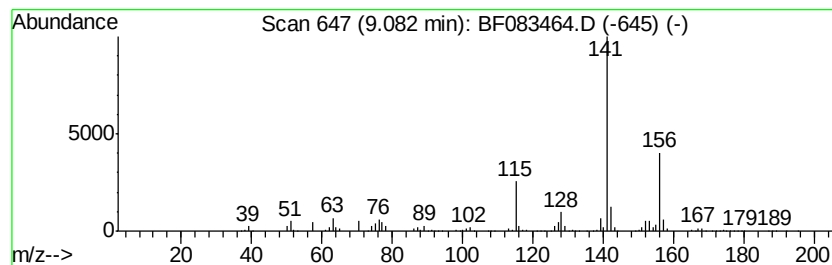
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	13.33 ng	1710930	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

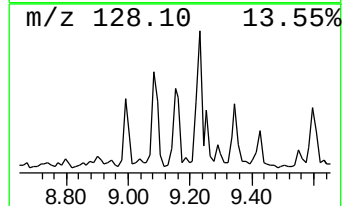
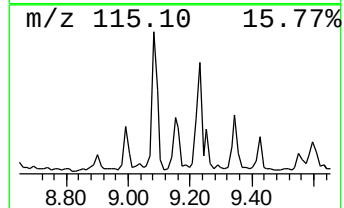
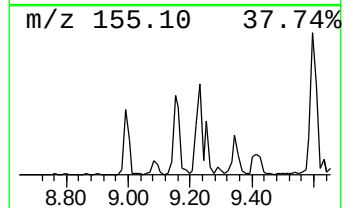
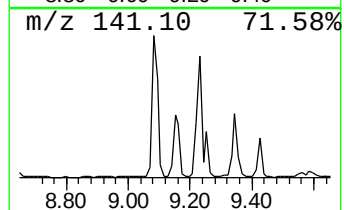
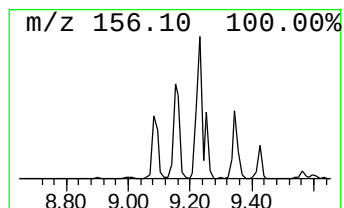
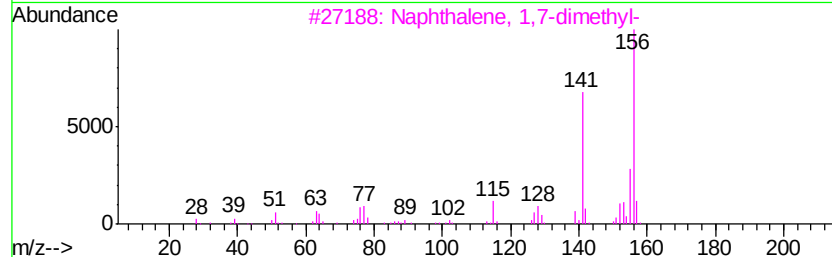
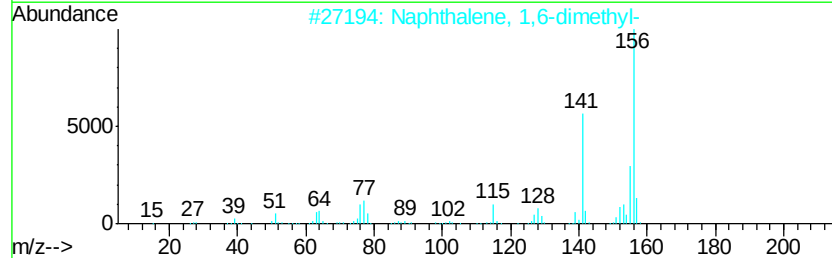
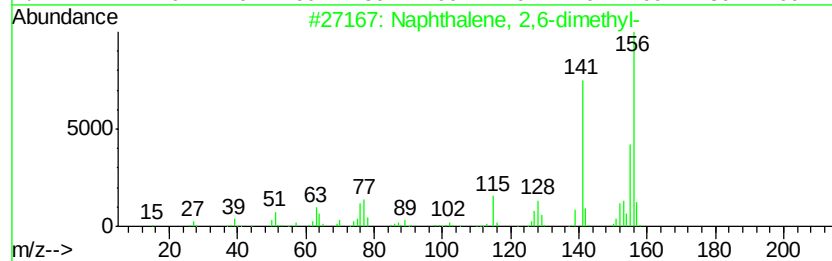
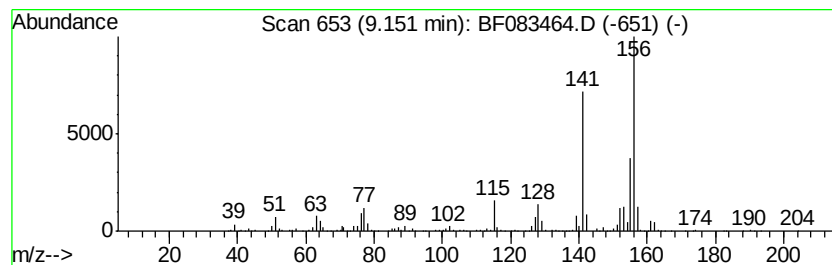
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.15	11.93 ng	1531300	Acenaphthene-d10		9.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SB-P3WC-15(0-8)

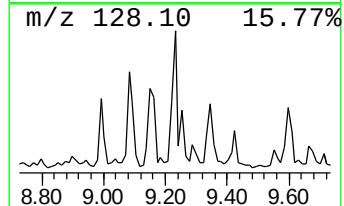
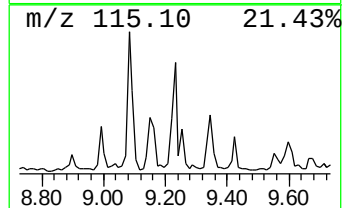
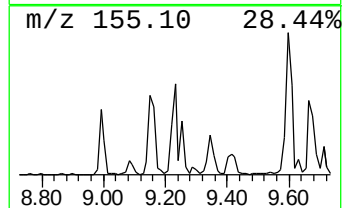
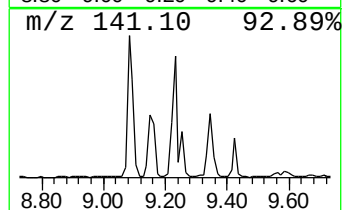
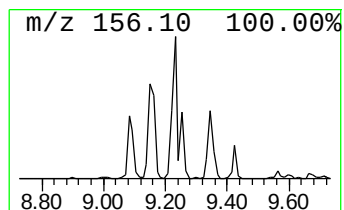
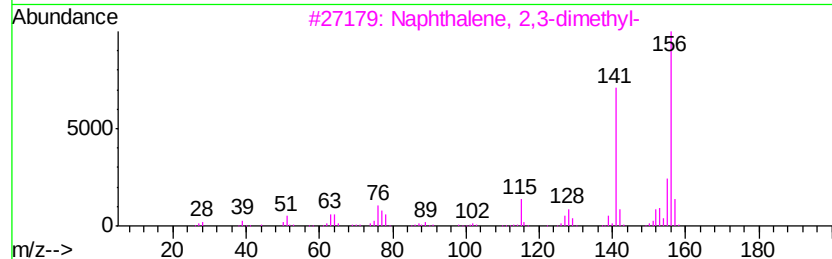
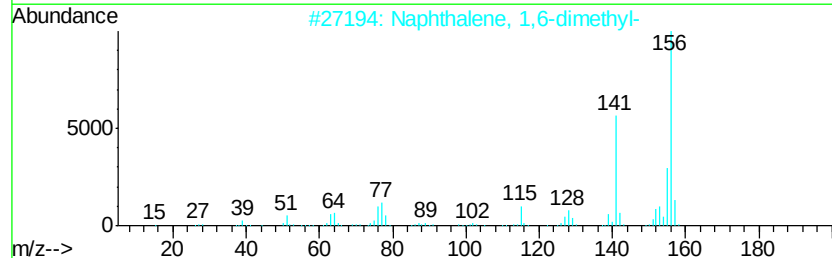
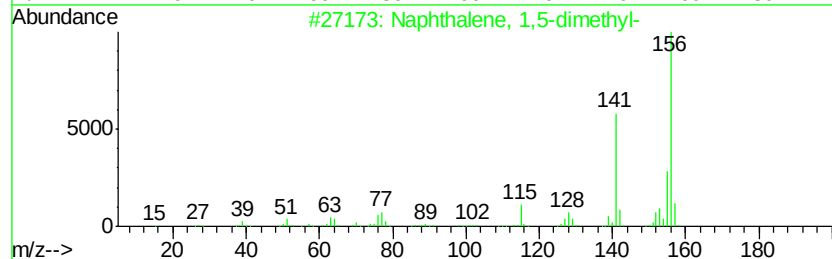
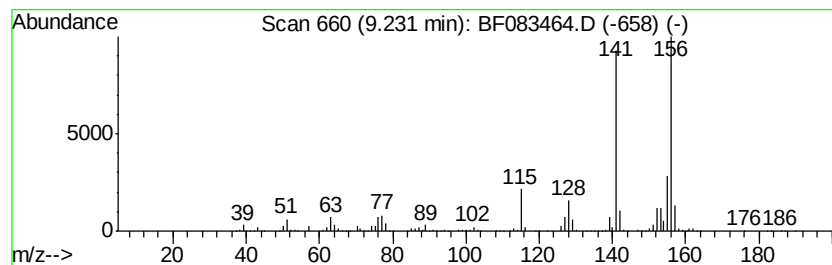
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	14.13 ng	1814150	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-15(0-8)

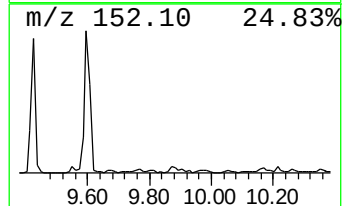
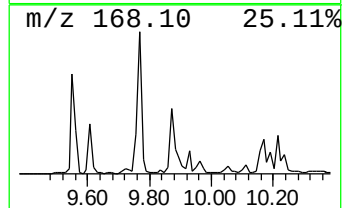
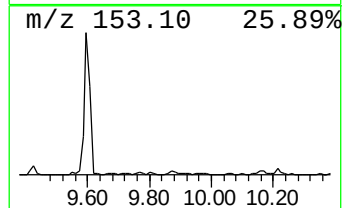
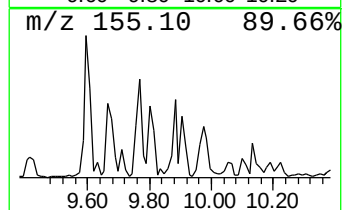
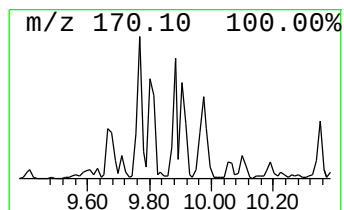
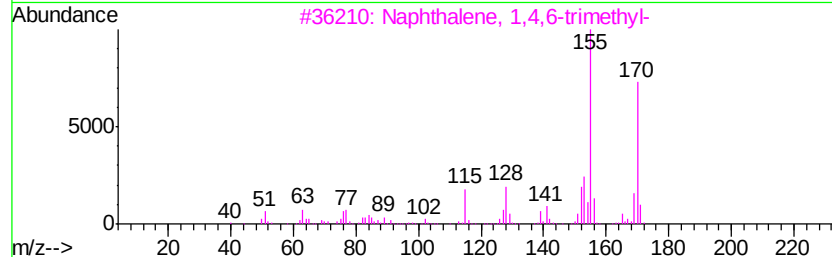
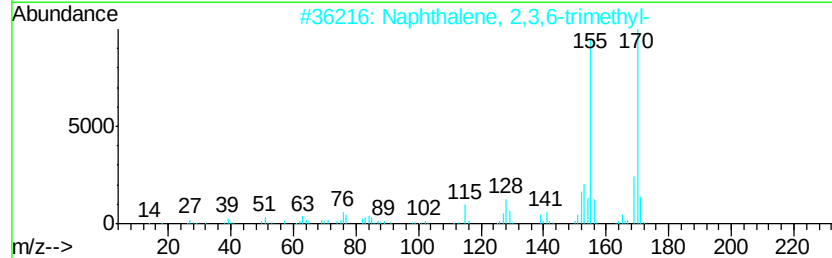
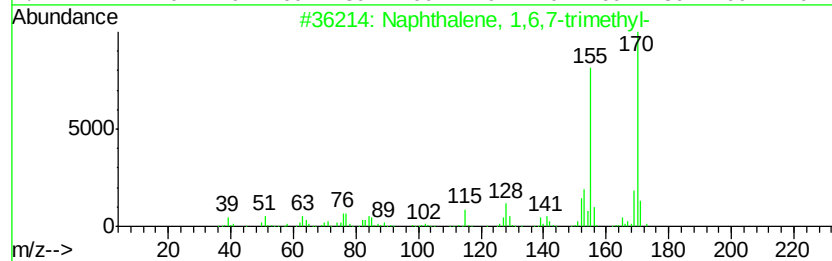
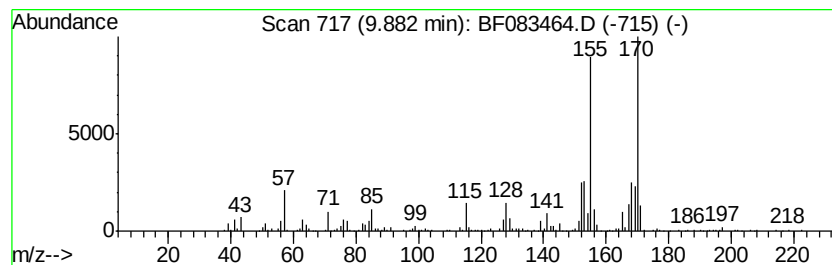
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	10.53 ng	1352100	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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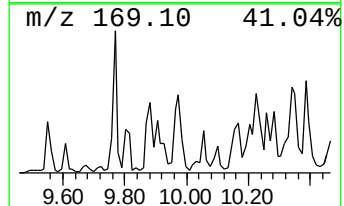
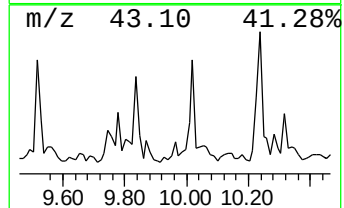
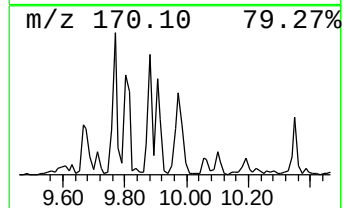
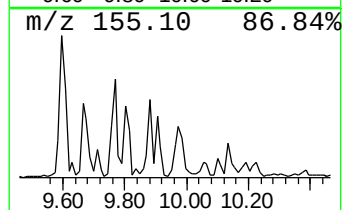
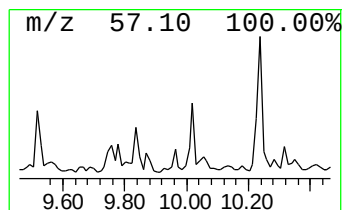
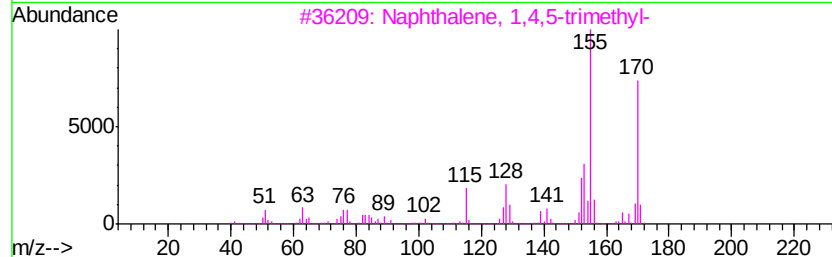
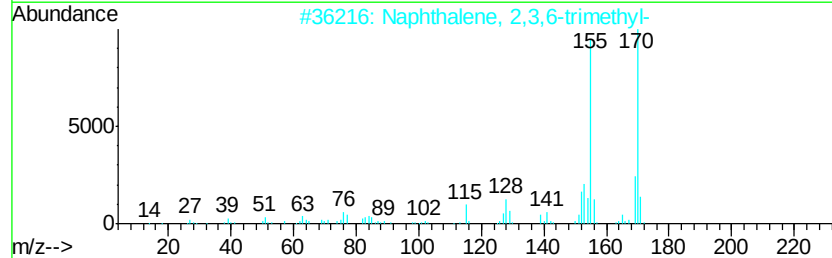
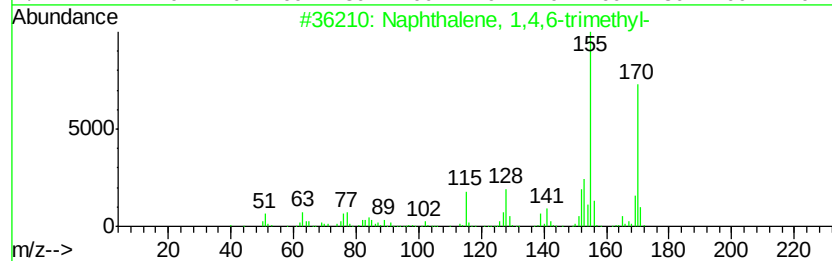
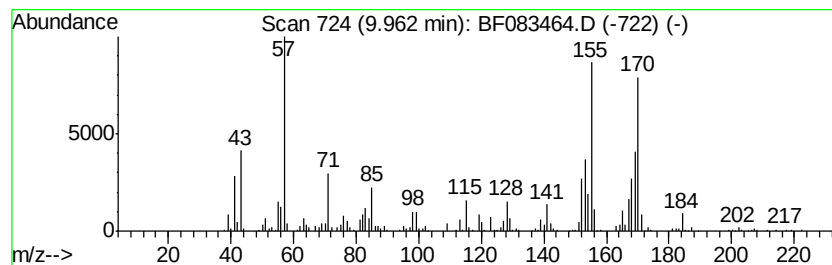
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	5.88 ng	754695	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	62
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-15(0-8)

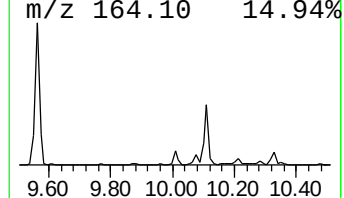
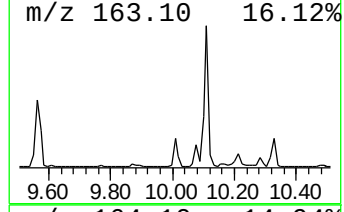
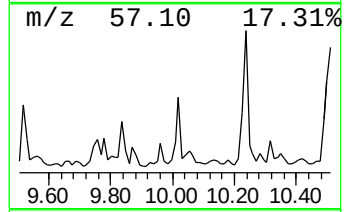
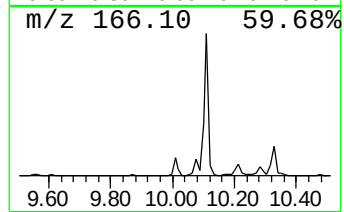
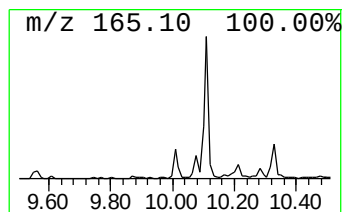
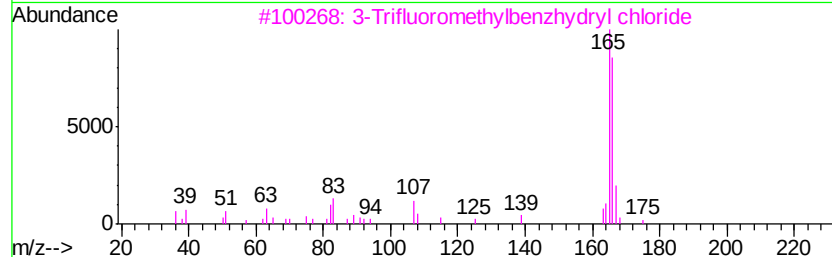
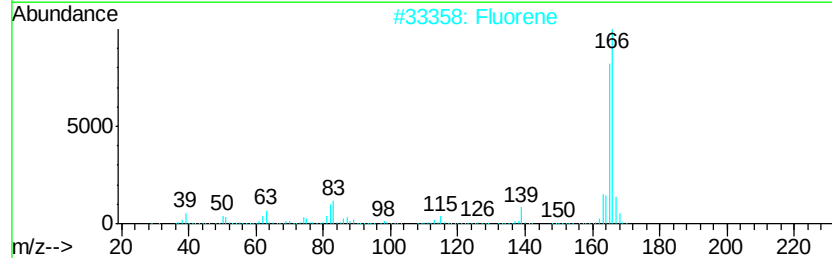
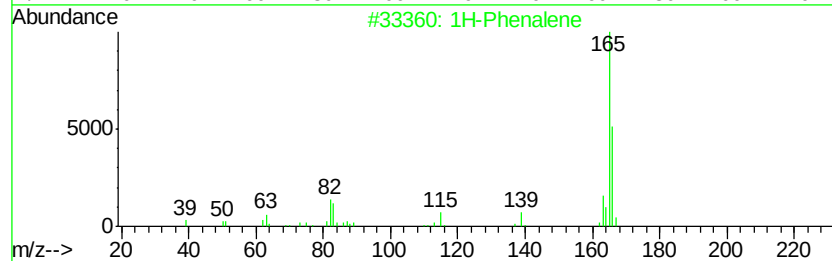
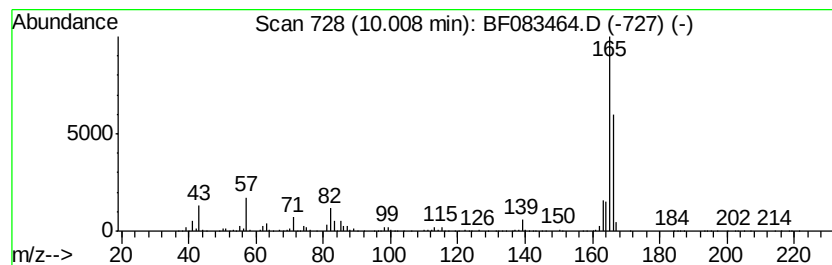
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Phenalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	9.25 ng	1187580	Acenaphthene-d10	9.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	87
2		Fluorene	166	C13H10	000086-73-7	58
3		3-Trifluoromethylbenzhvdrvl chlo...	270	C14H10ClF3	067240-79-3	56
4		Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	53
5		Fluorene-9-methanol	196	C14H12O	024324-17-2	50



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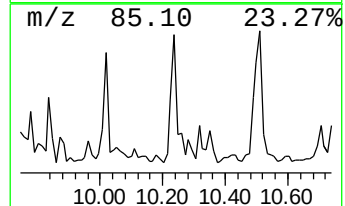
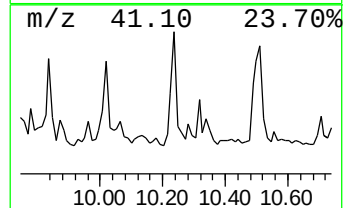
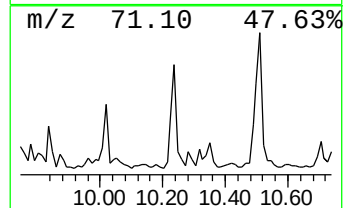
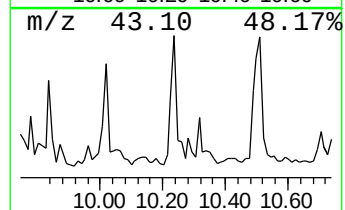
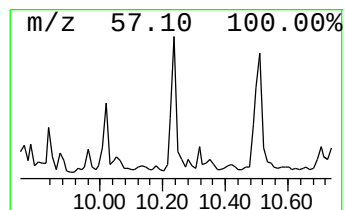
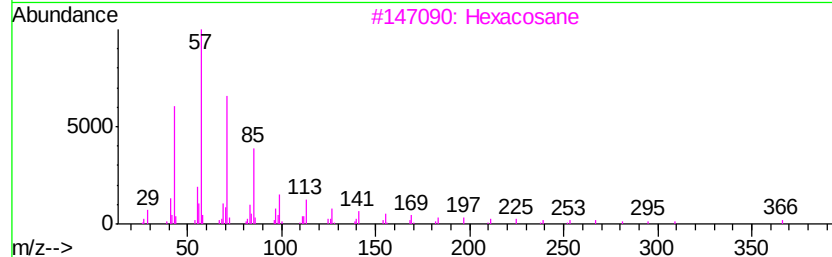
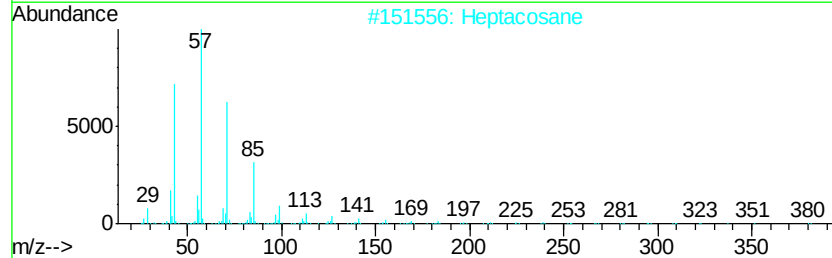
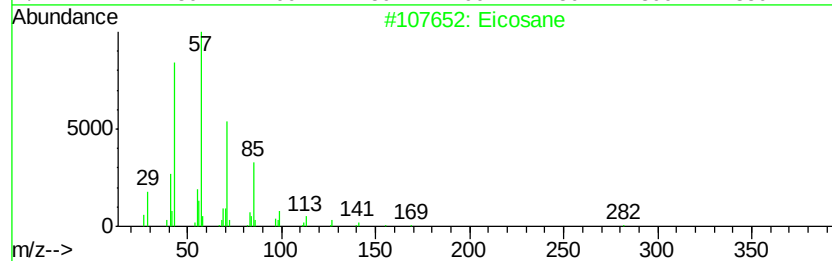
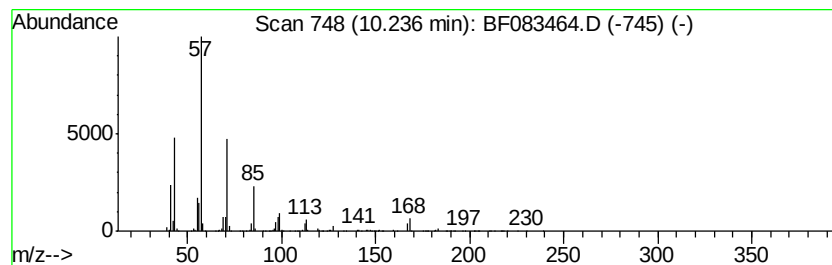
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	13.23 ng	1698740	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	80
2	Heptacosane	380 C27H56	000593-49-7	80
3	Hexacosane	366 C26H54	000630-01-3	72
4	Pentacosane	352 C25H52	000629-99-2	72
5	Undecane, 5-ethyl-	184 C13H28	017453-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-15(0-8)

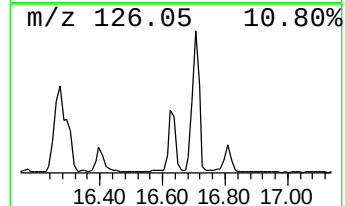
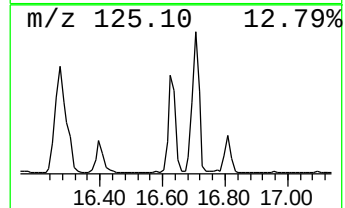
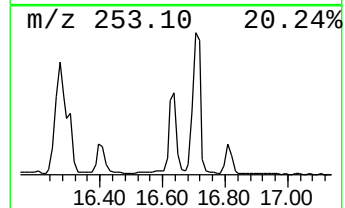
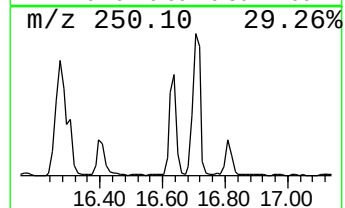
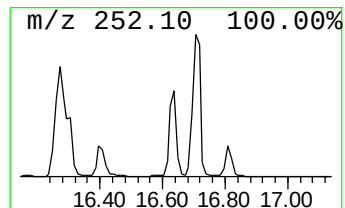
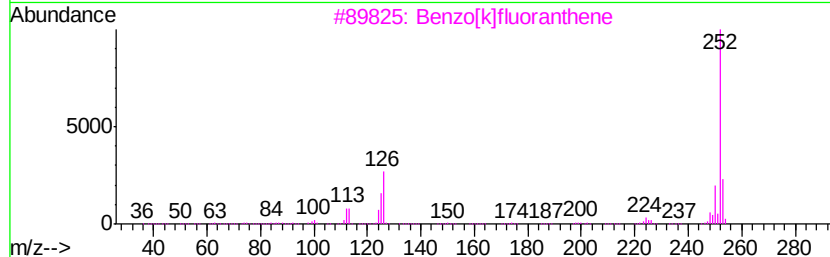
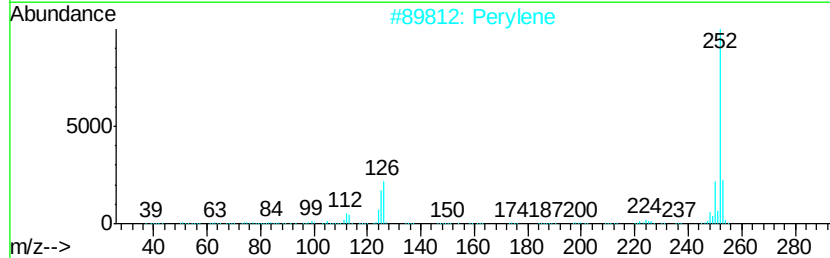
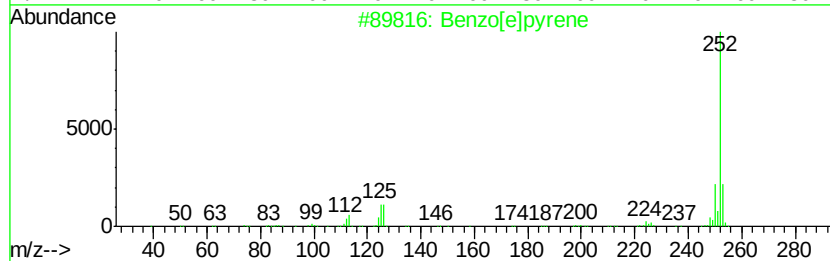
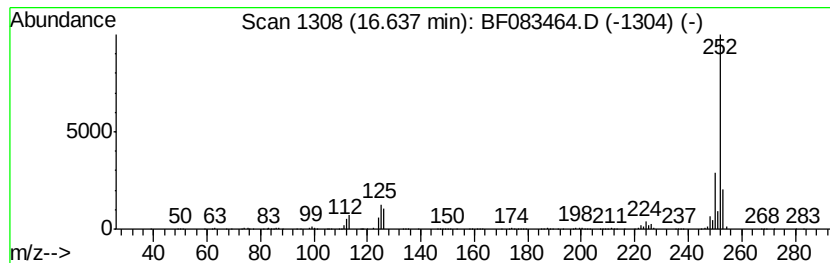
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	25.31 ng	1408190	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



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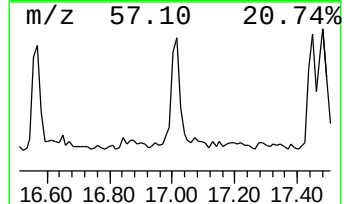
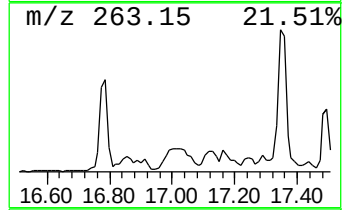
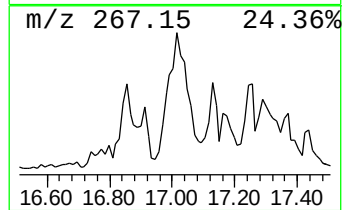
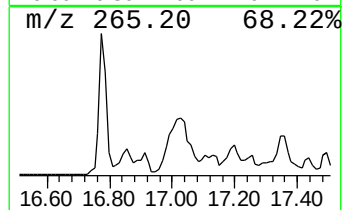
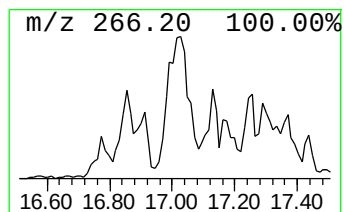
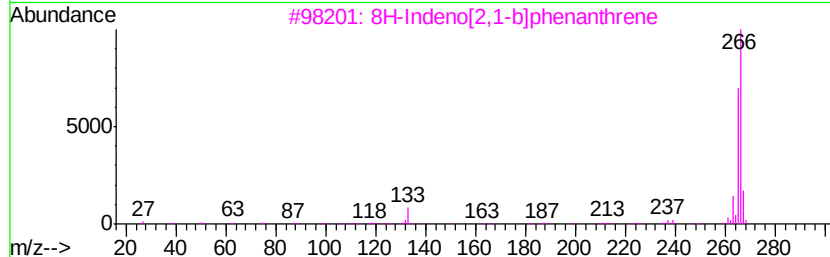
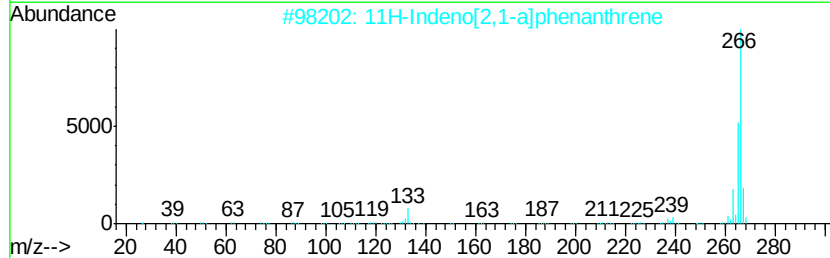
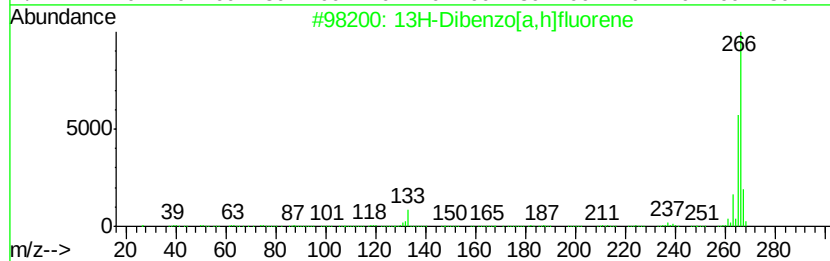
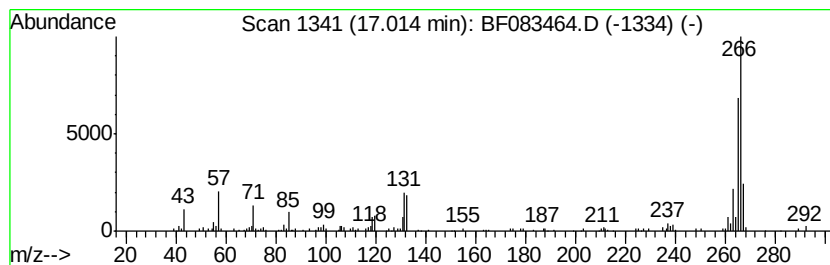
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 13H-Dibenzo[a,h]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	10.90 ng	606681	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	76
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	72
4		Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	64
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083464.D
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Operator : UM/IZ
Sample : G4585-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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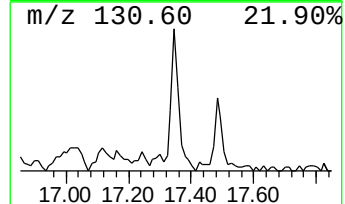
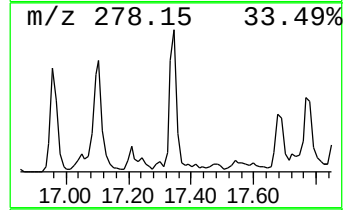
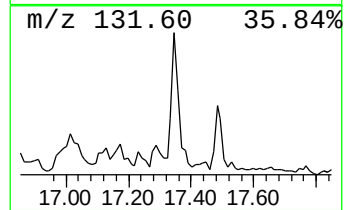
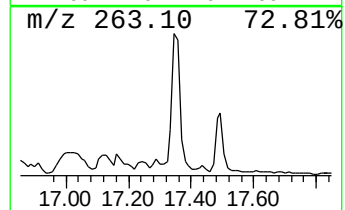
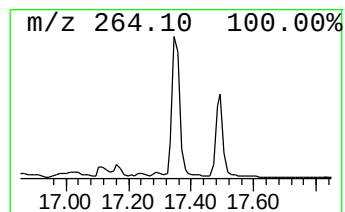
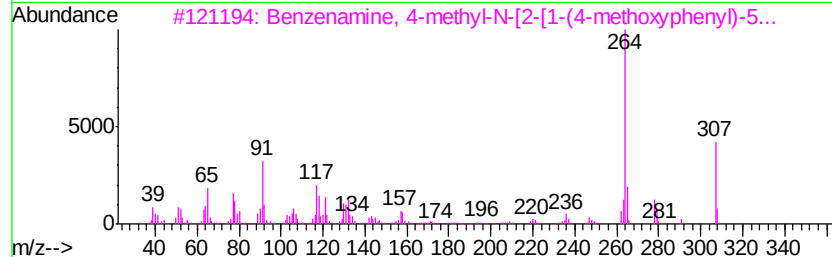
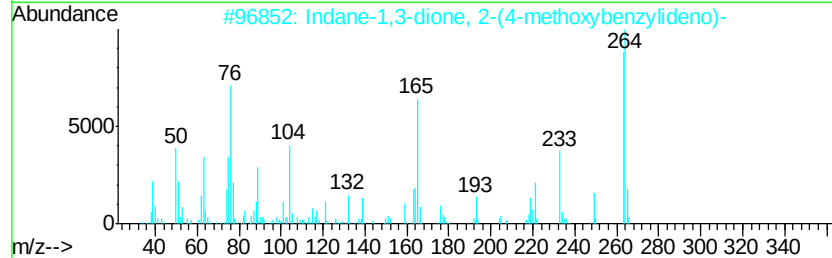
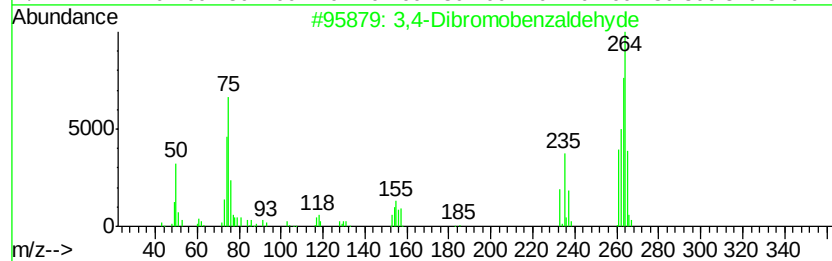
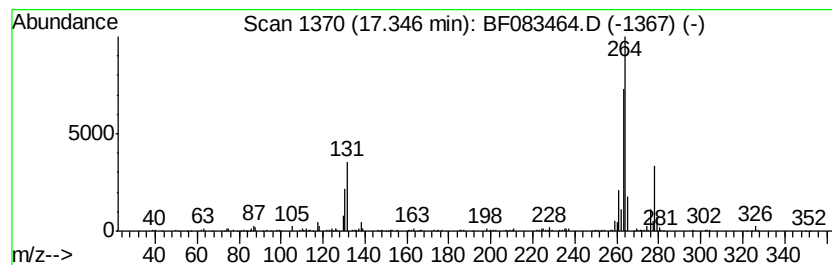
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.35 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	9.61 ng	534704	Perylene-d12	16.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	49
2			Indane-1,3-dione, 2-(4-methoxybenzylidene)-	264	C17H12O3	007421-76-3	43
3			Benzenamine, 4-methyl-N-[2-[1-(4-methoxyphenyl)-5-methyl-1H-imidazol-2-yl]-2-oxoethyl]-	307	C17H17N5O	274690-74-3	28
4			Benzoic acid, 3,5-bis(1,1-dimethylethyl)-	278	C17H26O3	001620-64-0	22
5			(Z)-2-(2-Hydroximino-2-phenylethyl)-	280	C17H16N2O2	107183-01-7	22



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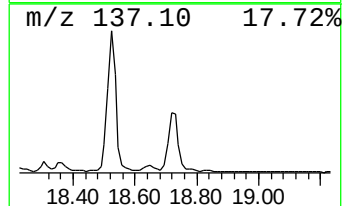
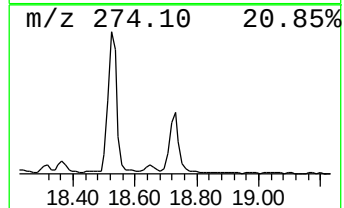
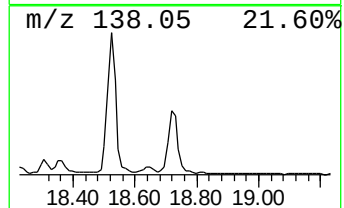
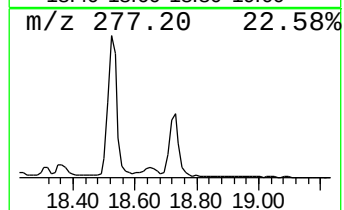
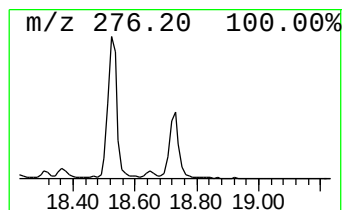
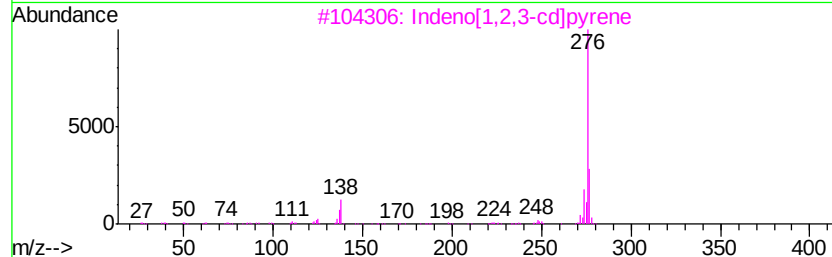
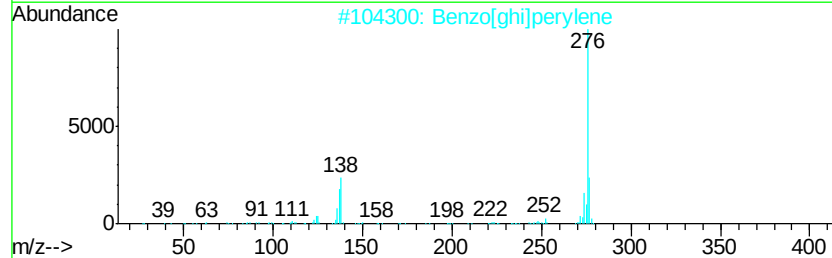
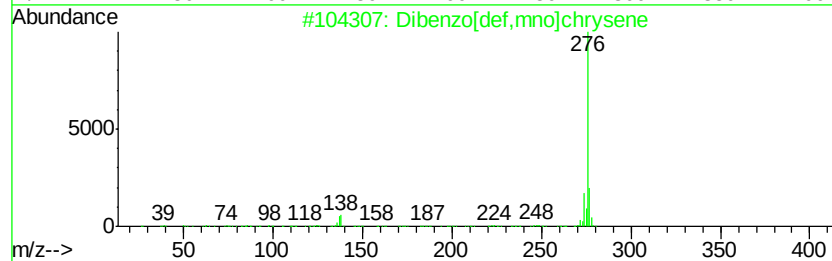
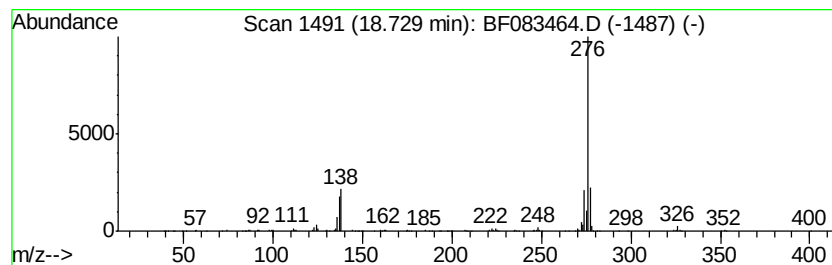
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	12.98 ng	722245	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083464.D
Acq On : 3 Dec 2015 17:10
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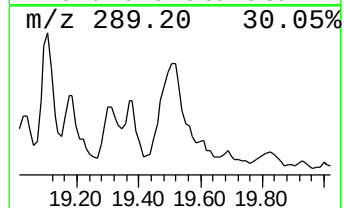
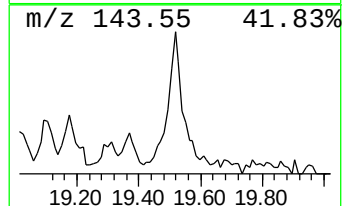
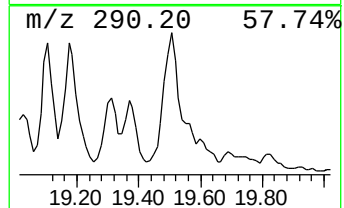
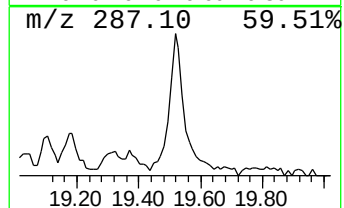
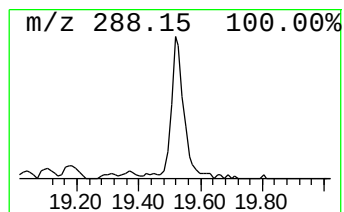
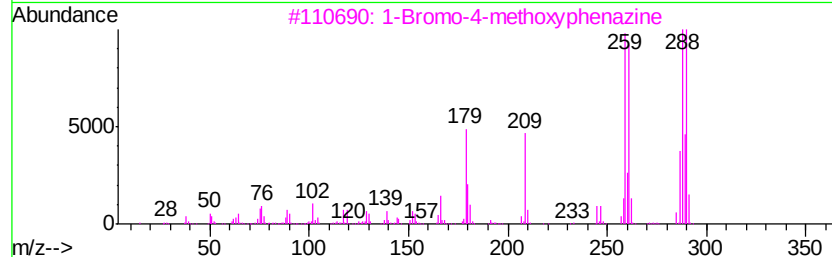
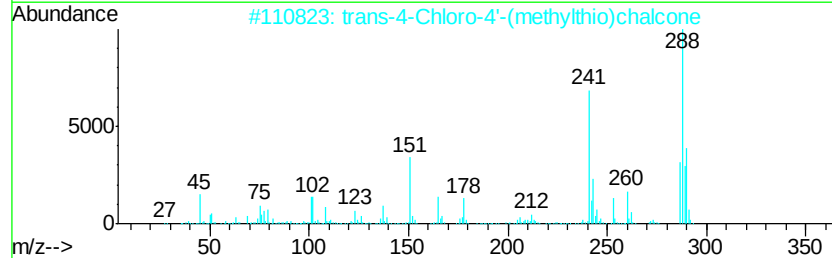
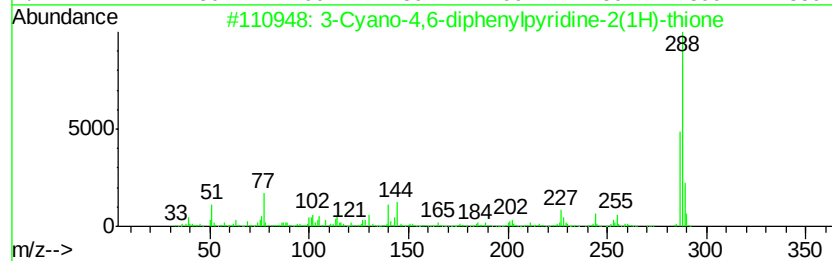
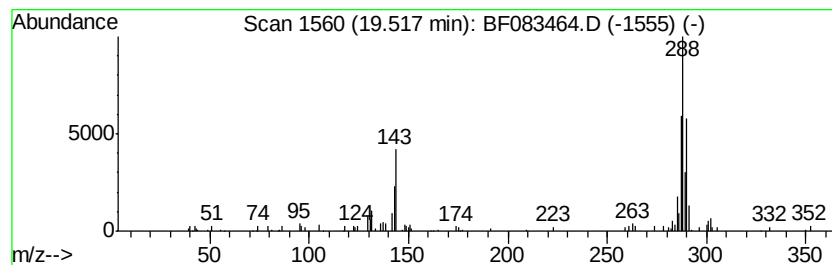
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 18 unknown19.52 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	6.07 ng	337774	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyano-4,6-diphenylpyridine-2(1H)-thione	288	C18H12N2S	058327-74-5	43
2		trans-4-Chloro-4'-(methylthio)chalcone	288	C16H13ClOS	033868-38-1	40
3		1-Bromo-4-methoxyphenazine	288	C13H9BrN2O	014031-14-2	32
4		6-Chloro-4-thiothioflavone	288	C15H9ClS2	066724-33-2	32
5		Cycloheptanone, 2,7-bis(phenylme...)	288	C21H20O	000899-98-9	32



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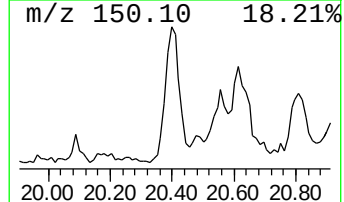
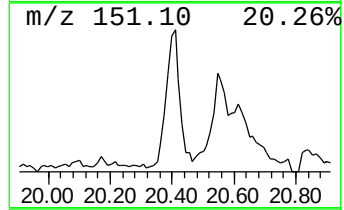
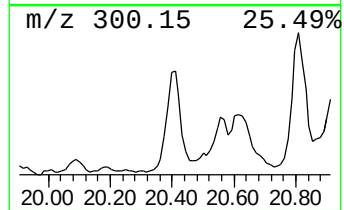
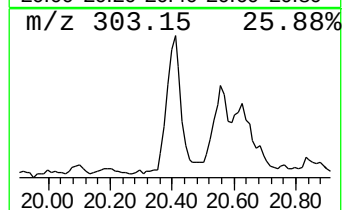
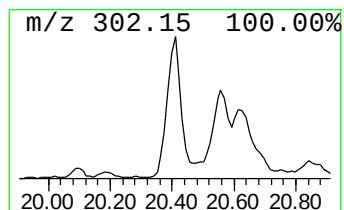
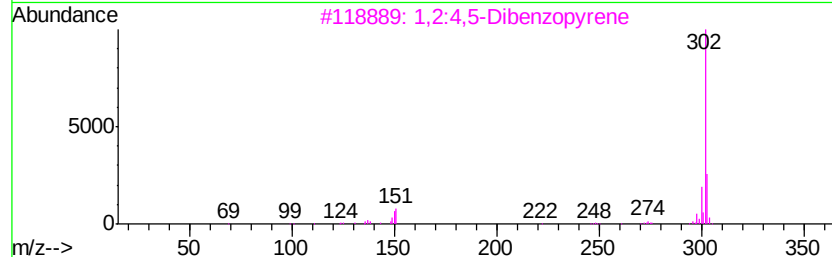
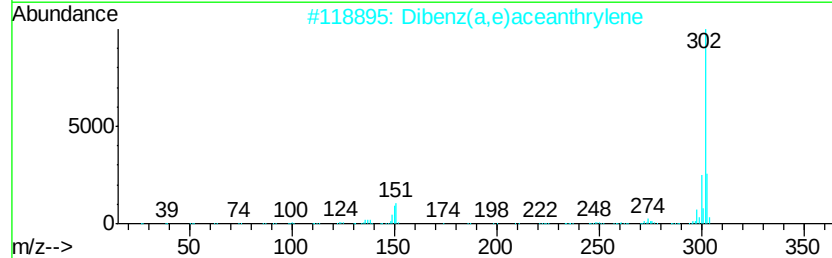
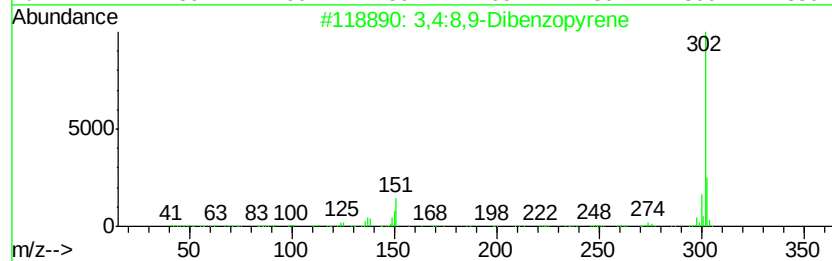
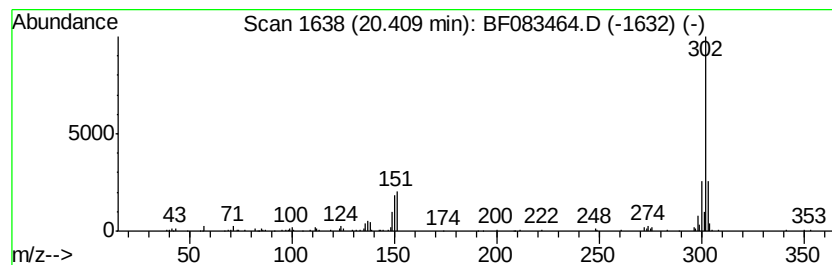
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	7.58 ng	421861	Perylene-d12	16.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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ClientSampleId :
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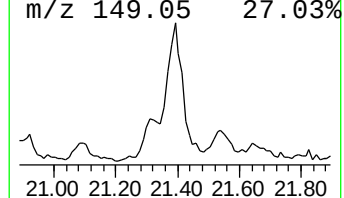
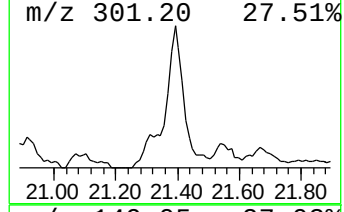
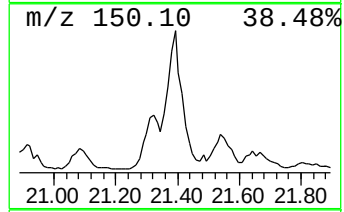
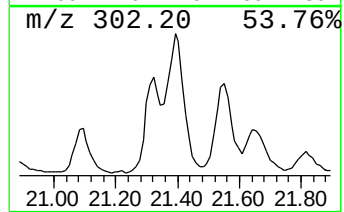
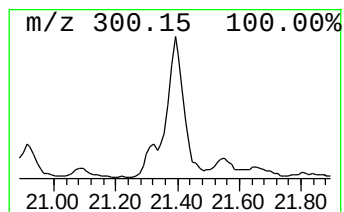
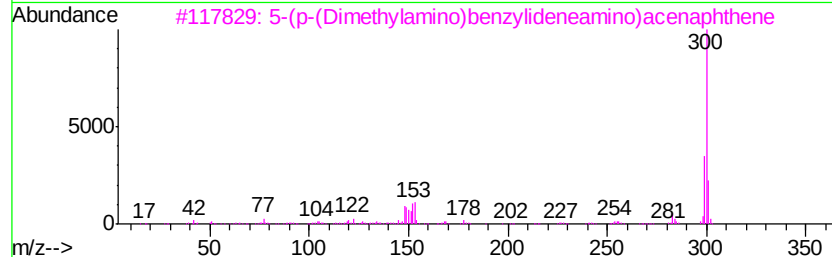
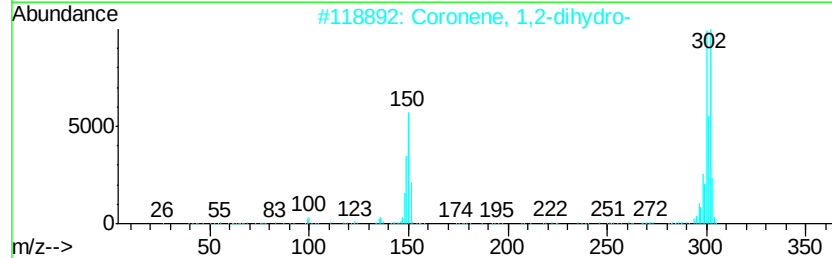
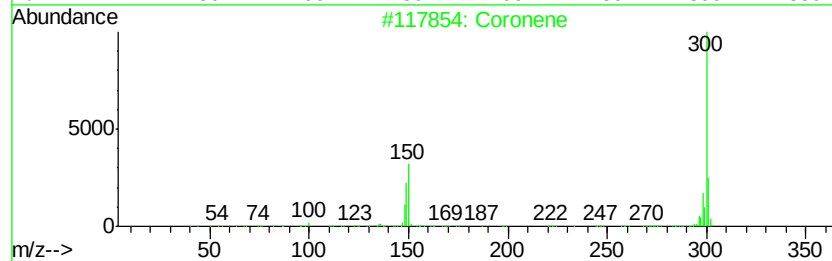
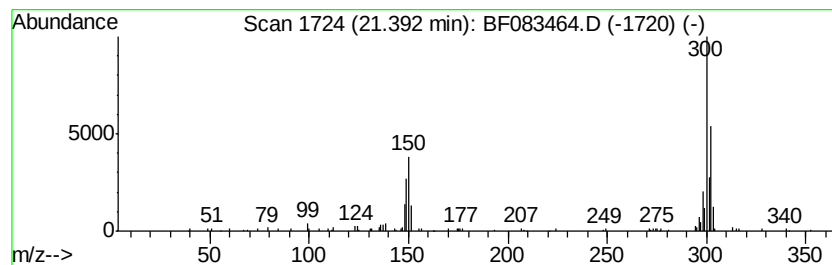
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	9.32 ng	518378	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	95
2		Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	64
3		5-(p-(Dimethylamino)benzylidene)acena...	300	C21H20N2	006256-22-0	35
4		Androst-4-ene-3,6,17-trione	300	C19H24O3	002243-06-3	35
5		Retinoic acid	300	C20H28O2	000302-79-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083464.D
 Acq On : 3 Dec 2015 17:10
 Operator : UM/IZ
 Sample : G4585-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-15(0-8)

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
unknown4.65	4.65	31.0	ng	1755850	1	6.52	1132140	20.0
unknown6.30	6.30	106.0	ng	6002510	1	6.52	1132140	20.0
Indene	6.78	8.6	ng	486827	1	6.52	1132140	20.0
Naphthalene, 1-et...	9.08	13.3	ng	1710930	3	9.56	2567460	20.0
Naphthalene, 2,6-...	9.15	11.9	ng	1531300	3	9.56	2567460	20.0
Naphthalene, 1,5-...	9.23	14.1	ng	1814150	3	9.56	2567460	20.0
Naphthalene, 1,6,...	9.88	10.5	ng	1352100	3	9.56	2567460	20.0
Naphthalene, 1,4,...	9.96	5.9	ng	754695	3	9.56	2567460	20.0
1H-Phenalene	10.01	9.3	ng	1187580	3	9.56	2567460	20.0
Eicosane	10.24	13.2	ng	1698740	3	9.56	2567460	20.0
Benzo[e]pyrene	16.64	25.3	ng	1408190	6	16.77	1112820	20.0
13H-Dibenzo[a,h]f...	17.01	10.9	ng	606681	6	16.77	1112820	20.0
unknown17.35	17.35	9.6	ng	534704	6	16.77	1112820	20.0
Dibenzo[def,mno]c...	18.73	13.0	ng	722245	6	16.77	1112820	20.0
unknown19.52	19.52	6.1	ng	337774	6	16.77	1112820	20.0
3,4:8,9-Dibenzopy...	20.41	7.6	ng	421861	6	16.77	1112820	20.0
Coronene	21.39	9.3	ng	518378	6	16.77	1112820	20.0