

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078628.D
 Acq On : 18 Apr 2015 7:06
 Operator : TP/IZ
 Sample : G1902-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB20

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-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.438	21	22	28	rBV	159780	256480	11.45%	0.751%
2	1.530	28	30	73	rVB	1139326	2239407	100.00%	6.554%
3	4.261	267	269	278	rBV	49800	89062	3.98%	0.261%
4	4.901	322	325	335	rVB	372054	529737	23.66%	1.550%
5	6.284	444	446	453	rBV	539132	596375	26.63%	1.745%
6	6.387	453	455	458	rVB	636837	644132	28.76%	1.885%
7	6.673	478	480	482	rBV	218918	214699	9.59%	0.628%
8	6.856	494	496	499	rBV	562712	520958	23.26%	1.525%
9	7.382	539	542	544	rBV	405716	434370	19.40%	1.271%
10	8.250	616	618	625	rVB2	356627	401286	17.92%	1.174%
11	9.599	734	736	739	rVB	909118	834396	37.26%	2.442%
12	10.113	780	781	782	rVV	66276	65979	2.95%	0.193%
13	10.136	782	783	789	rVB	35496	62506	2.79%	0.183%
14	10.228	789	791	794	rBV	210231	214980	9.60%	0.629%
15	10.399	804	806	809	rBV	363010	444626	19.85%	1.301%
16	10.662	827	829	832	rVV2	42838	62524	2.79%	0.183%
17	11.016	858	860	863	rBV2	37914	61817	2.76%	0.181%
18	11.074	863	865	868	rVB	50849	62131	2.77%	0.182%
19	11.279	881	883	887	rBV3	45438	92572	4.13%	0.271%
20	11.371	889	891	894	rVV2	409867	538777	24.06%	1.577%
21	11.622	910	913	916	rBV	72232	152278	6.80%	0.446%
22	11.931	938	940	941	rBV2	44320	67307	3.01%	0.197%
23	11.988	943	945	949	rVB	72199	94149	4.20%	0.276%
24	12.217	963	965	966	rVV	388708	401618	17.93%	1.175%
25	12.251	966	968	970	rVB	539245	560549	25.03%	1.641%
26	12.308	970	973	976	rVB	257847	273209	12.20%	0.800%
27	12.525	990	992	994	rBV	74828	89880	4.01%	0.263%
28	12.605	997	999	1004	rVB4	57721	98869	4.41%	0.289%
29	12.685	1004	1006	1013	rVB4	59603	140334	6.27%	0.411%
30	12.845	1017	1020	1021	rBV	133405	130354	5.82%	0.382%
31	12.879	1021	1023	1026	rVB	179663	207459	9.26%	0.607%
32	12.937	1026	1028	1029	rBV	95533	98034	4.38%	0.287%
33	12.971	1029	1031	1032	rBV	229642	259792	11.60%	0.760%
34	13.005	1032	1034	1038	rVB	196921	274536	12.26%	0.803%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.085	1038	1041	1043	rBV3	36422	69816	3.12%	0.204%
36	13.222	1047	1053	1057	rBV3	114912	309373	13.81%	0.905%
37	13.405	1065	1069	1070	rBV2	46690	82705	3.69%	0.242%
38	13.531	1076	1080	1081	rBV	125841	240357	10.73%	0.703%
39	13.622	1085	1088	1091	rVB2	93177	197418	8.82%	0.578%
40	13.714	1093	1096	1098	rVB	1313858	1559330	69.63%	4.564%
41	13.794	1101	1103	1104	rBV2	69857	91312	4.08%	0.267%
42	13.817	1104	1105	1109	rVB	84032	128077	5.72%	0.375%
43	13.885	1109	1111	1116	rBV3	83992	184754	8.25%	0.541%
44	13.977	1116	1119	1121	rBV	1322673	1798534	80.31%	5.264%
45	14.045	1124	1125	1127	rVB2	65212	81936	3.66%	0.240%
46	14.080	1127	1128	1131	rVB	45040	62943	2.81%	0.184%
47	14.148	1131	1134	1135	rBV2	99513	162743	7.27%	0.476%
48	14.205	1137	1139	1141	rVB	870291	976363	43.60%	2.858%
49	14.262	1141	1144	1146	rVB2	103675	169028	7.55%	0.495%
50	14.377	1150	1154	1155	rBV3	152268	311228	13.90%	0.911%
51	14.400	1155	1156	1158	rVB	217523	189490	8.46%	0.555%
52	14.480	1161	1163	1165	rBV	141844	165020	7.37%	0.483%
53	14.525	1165	1167	1170	rBV2	196927	315148	14.07%	0.922%
54	14.628	1175	1176	1178	rVB	138625	134004	5.98%	0.392%
55	14.662	1178	1179	1181	rBV	66674	95522	4.27%	0.280%
56	14.765	1187	1188	1193	rBV3	26862	64959	2.90%	0.190%
57	15.028	1207	1211	1214	rVB2	147383	294959	13.17%	0.863%
58	15.154	1219	1222	1224	rBV	197479	289223	12.92%	0.846%
59	15.188	1224	1225	1228	rVV2	155627	292374	13.06%	0.856%
60	15.245	1228	1230	1232	rVB2	84227	119142	5.32%	0.349%
61	15.280	1232	1233	1236	rVB	139712	186305	8.32%	0.545%
62	15.360	1236	1240	1242	rBV	66418	124722	5.57%	0.365%
63	15.405	1242	1244	1246	rBV2	135293	258436	11.54%	0.756%
64	15.463	1246	1249	1251	rVV2	1012783	1900674	84.87%	5.563%
65	15.497	1251	1252	1254	rVB	733835	868133	38.77%	2.541%
66	15.531	1254	1255	1258	rVB2	59849	85171	3.80%	0.249%
67	15.588	1258	1260	1262	rBV2	162157	172367	7.70%	0.504%
68	15.645	1263	1265	1267	rBV	103235	103692	4.63%	0.303%
69	15.725	1270	1272	1274	rVB	101955	127374	5.69%	0.373%
70	15.771	1274	1276	1278	rBV	101202	161152	7.20%	0.472%
71	15.805	1278	1279	1283	rVB2	68624	102934	4.60%	0.301%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	15.908	1286	1288	1290	rBV	89448	126068	5.63%	0.369%
73	15.954	1290	1292	1294	rBV	222804	305085	13.62%	0.893%
74	16.000	1294	1296	1298	rVB2	83711	99599	4.45%	0.291%
75	16.068	1300	1302	1304	rBV3	50625	91418	4.08%	0.268%
76	16.217	1312	1315	1318	rVB3	97696	184269	8.23%	0.539%
77	16.274	1318	1320	1323	rBV2	39535	71550	3.20%	0.209%
78	16.354	1323	1327	1328	rBV2	80326	171168	7.64%	0.501%
79	16.480	1336	1338	1341	rBV3	39714	66364	2.96%	0.194%
80	16.560	1341	1345	1346	rBV2	57409	158191	7.06%	0.463%
81	16.731	1357	1360	1365	rVB	947355	2162021	96.54%	6.328%
82	16.846	1365	1370	1372	rBV2	225152	396894	17.72%	1.162%
83	16.880	1372	1373	1377	rBV4	44437	83913	3.75%	0.246%
84	16.960	1377	1380	1384	rBV5	102759	310149	13.85%	0.908%
85	17.040	1384	1387	1389	rBV	552926	747145	33.36%	2.187%
86	17.097	1389	1392	1394	rVB	861264	1036897	46.30%	3.035%
87	17.154	1394	1397	1399	rBV	384624	586493	26.19%	1.717%
88	17.348	1410	1414	1420	rVB5	64715	286876	12.81%	0.840%
89	17.451	1420	1423	1425	rBV2	63162	146490	6.54%	0.429%
90	17.646	1438	1440	1442	rVB	67292	92735	4.14%	0.271%
91	17.760	1448	1450	1453	rVB2	67785	119476	5.34%	0.350%
92	18.217	1487	1490	1497	rVB2	132666	346708	15.48%	1.015%
93	18.343	1498	1501	1505	rVB2	435045	873185	38.99%	2.556%
94	18.480	1511	1513	1515	rBV	110742	198324	8.86%	0.580%
95	18.526	1515	1517	1521	rVB3	89716	176674	7.89%	0.517%
96	18.674	1526	1530	1533	rVB	409295	672154	30.01%	1.967%
97	20.309	1669	1673	1679	rVB	139370	446170	19.92%	1.306%
98	20.446	1681	1685	1688	rBV	86623	246711	11.02%	0.722%
99	21.120	1739	1744	1745	rBV	58250	168944	7.54%	0.494%
100	21.315	1757	1761	1763	rVB	46094	104256	4.66%	0.305%

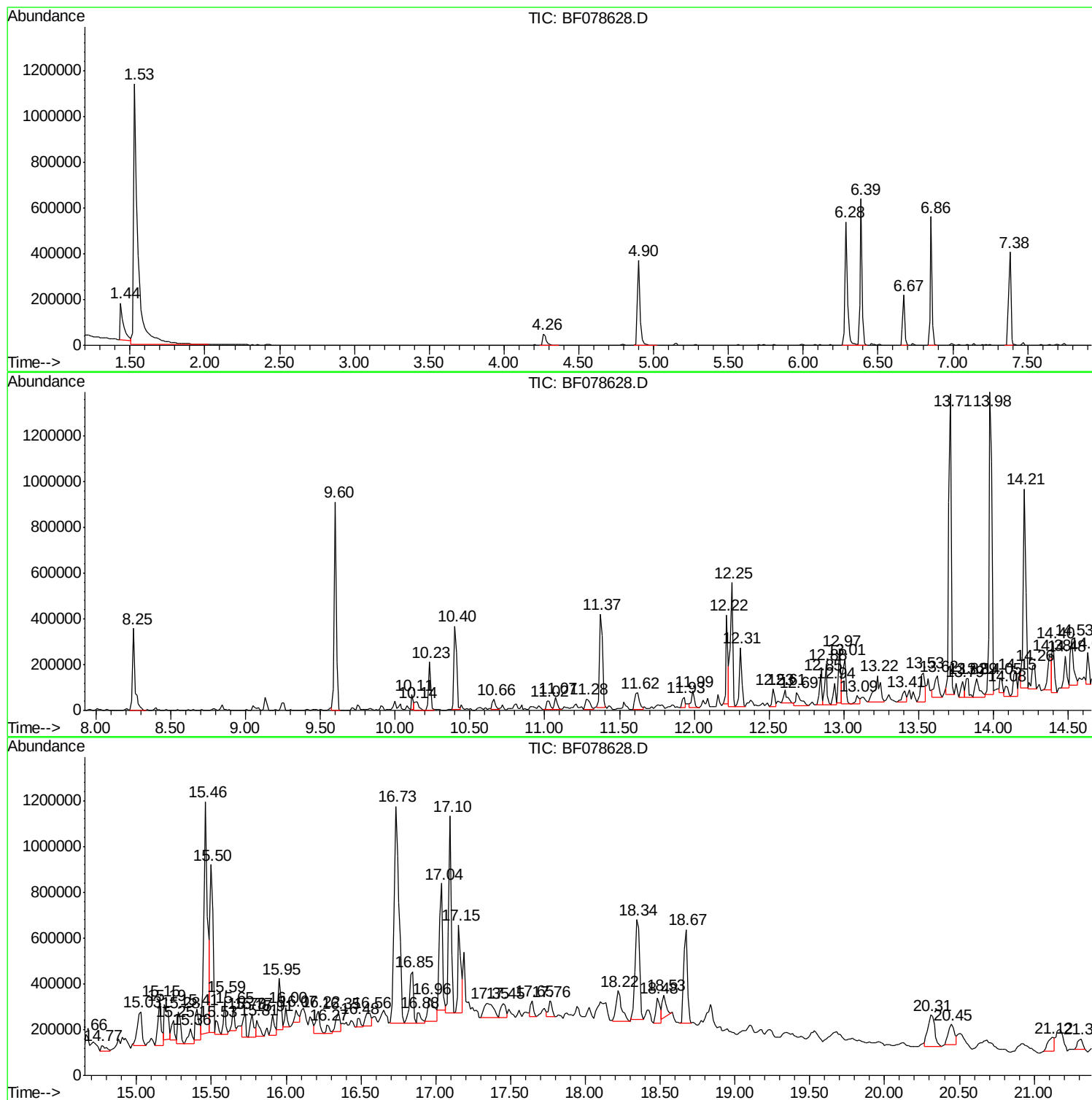
Sum of corrected areas: 34167827

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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.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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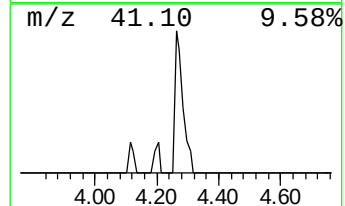
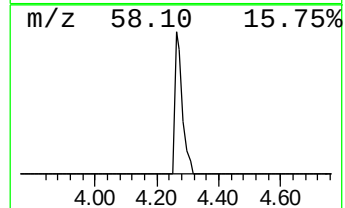
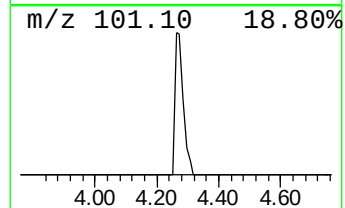
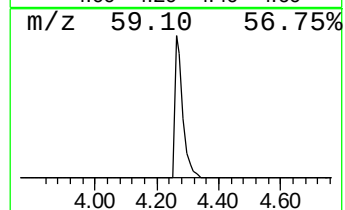
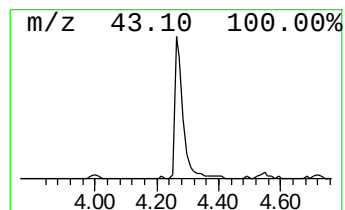
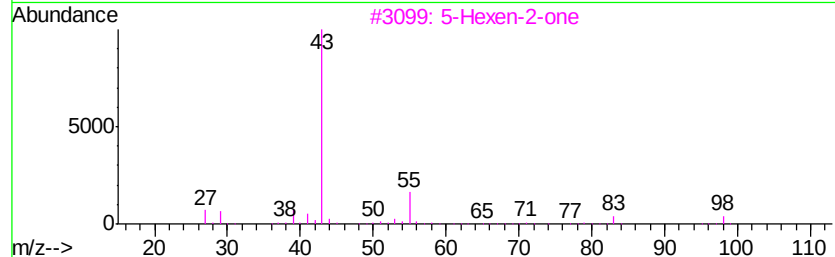
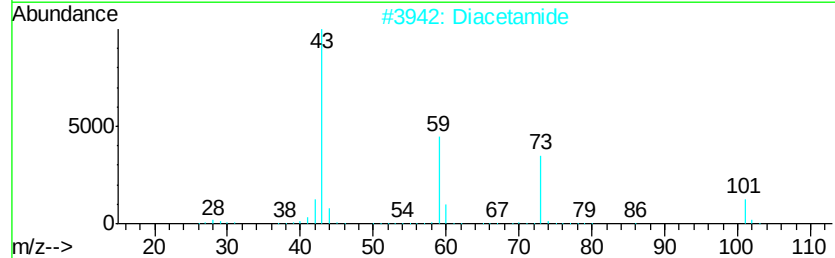
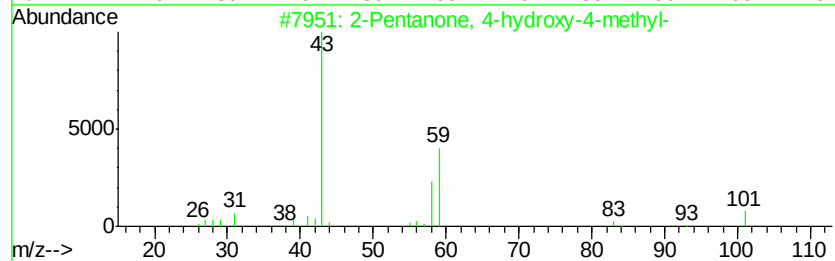
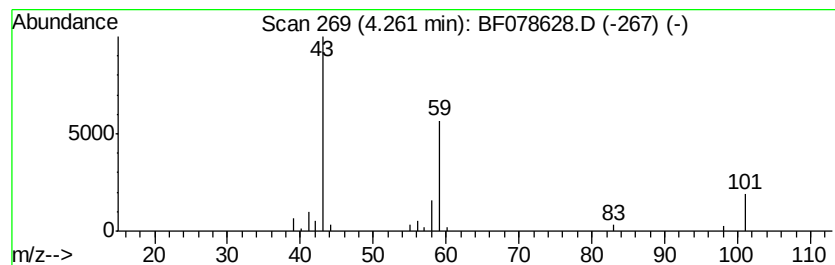
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	8.30 ng	89062	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Diacetamide	101	C4H7NO2	000625-77-4	9
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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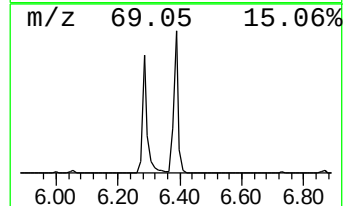
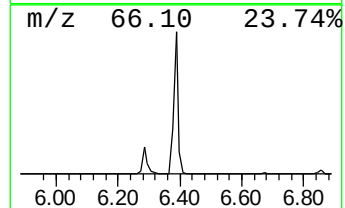
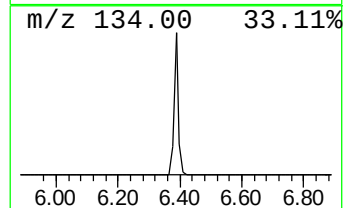
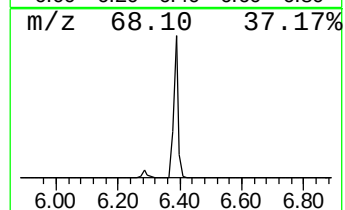
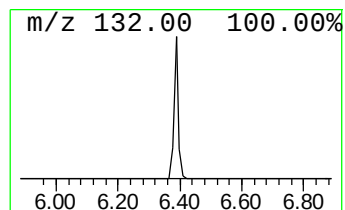
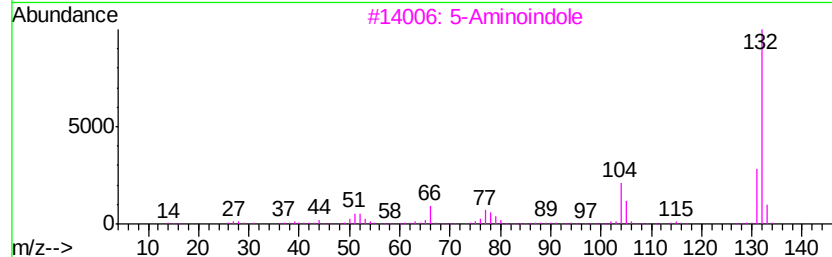
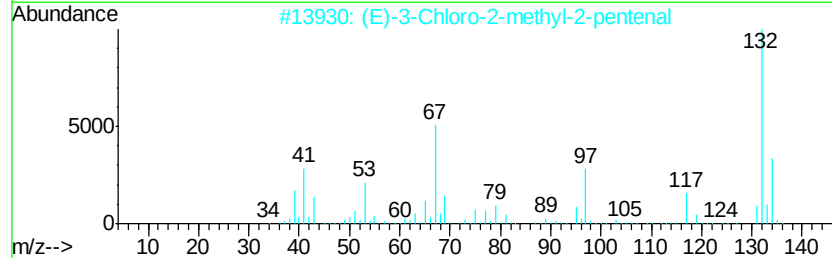
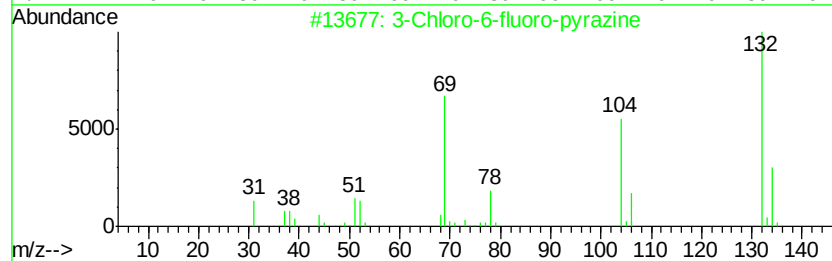
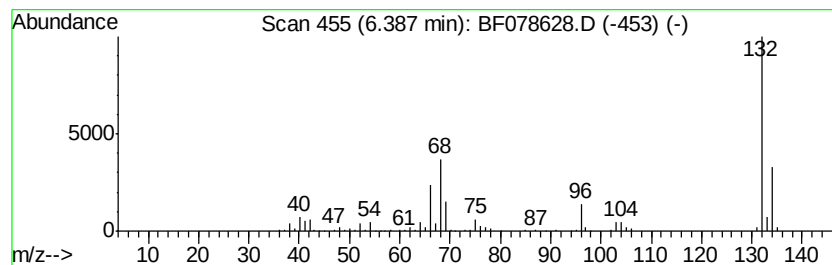
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	60.00 ng	644132	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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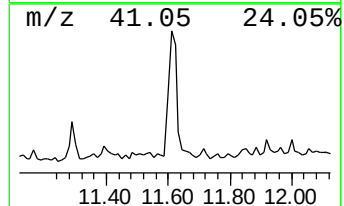
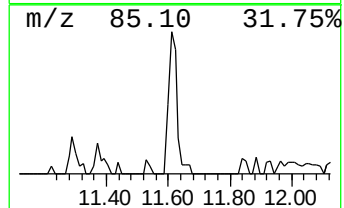
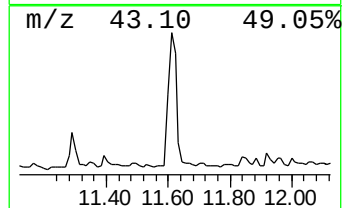
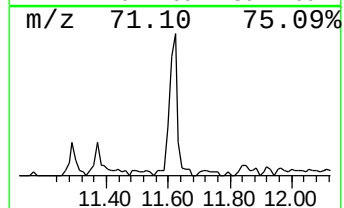
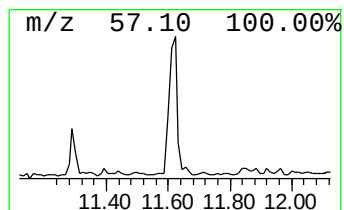
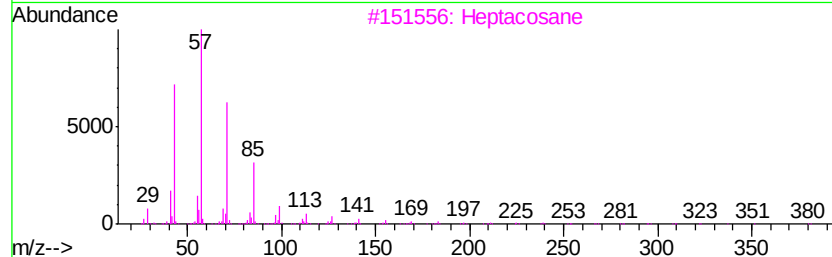
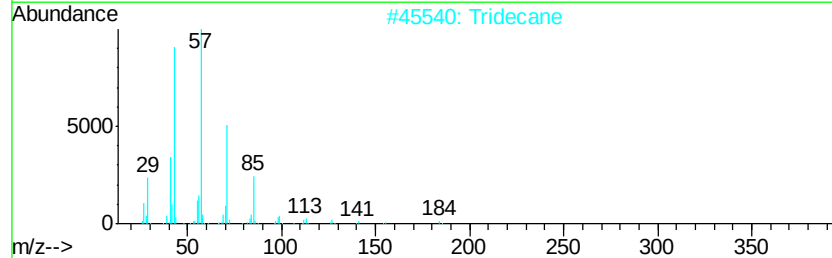
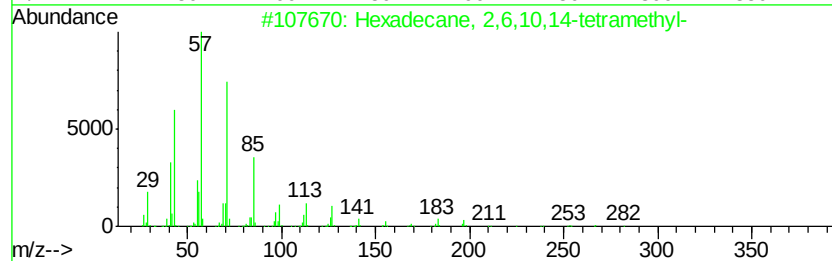
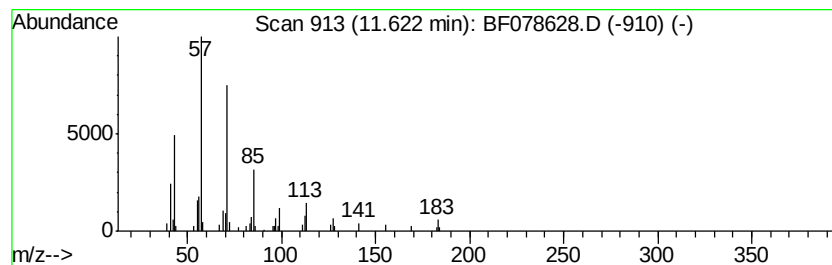
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	7.58 ng	152278	Phenanthrene-d10	12.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Heptacosane	380	C27H56	000593-49-7	86
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	86
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
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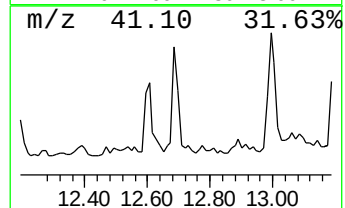
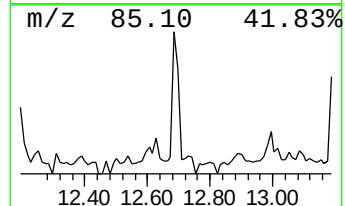
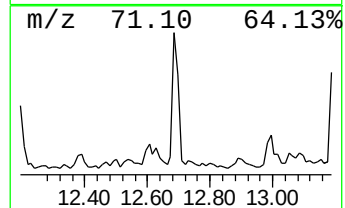
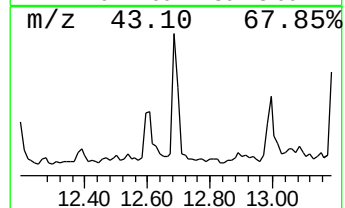
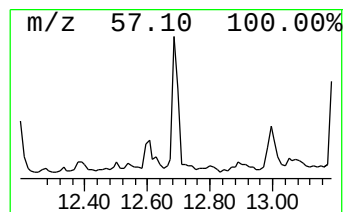
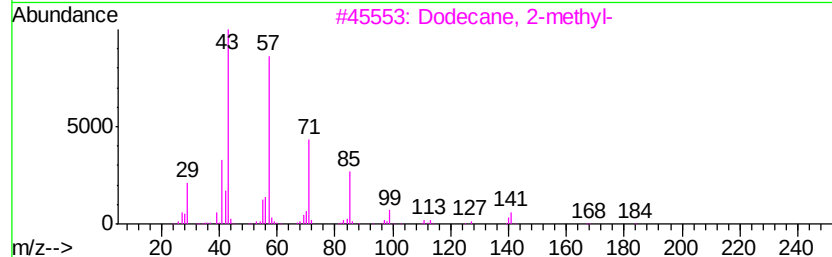
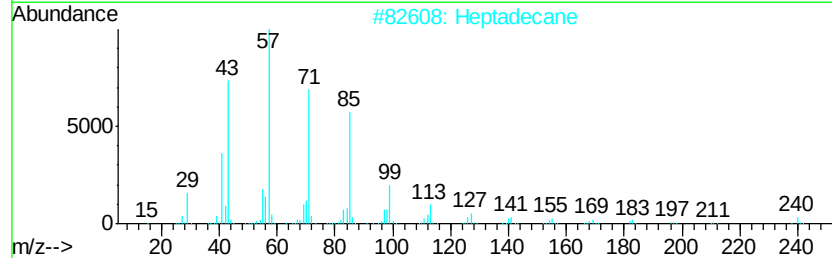
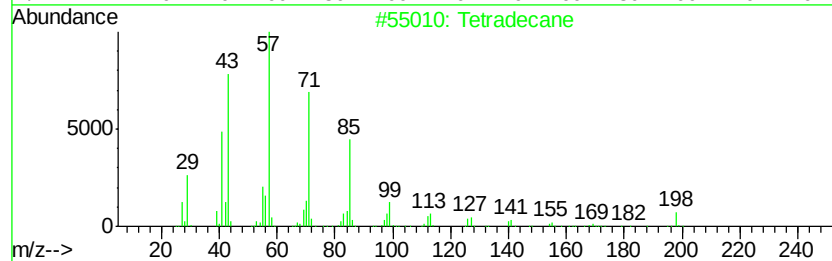
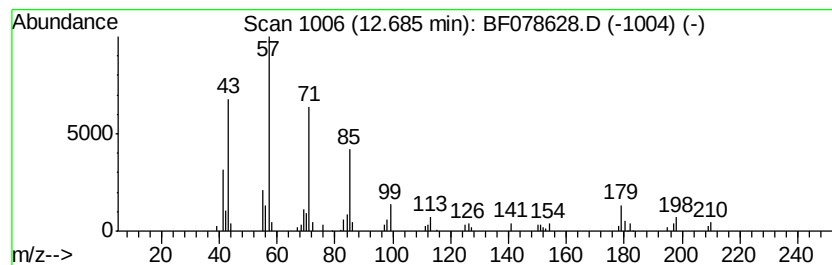
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.69	6.99 ng	140334	Phenanthrene-d10	12.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Heptadecane	240	C17H36	000629-78-7	68
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
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Misc :
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ClientSampleId :
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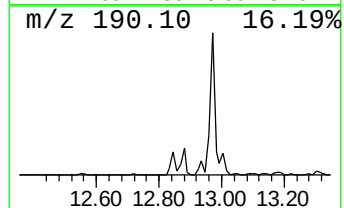
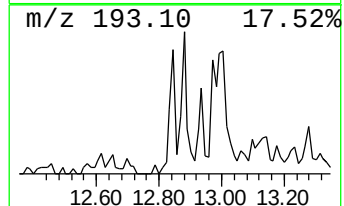
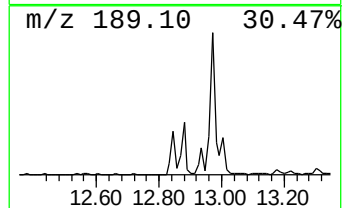
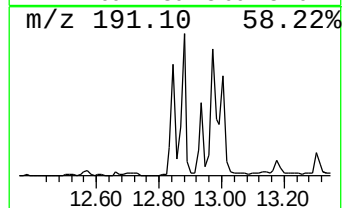
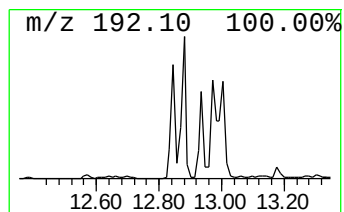
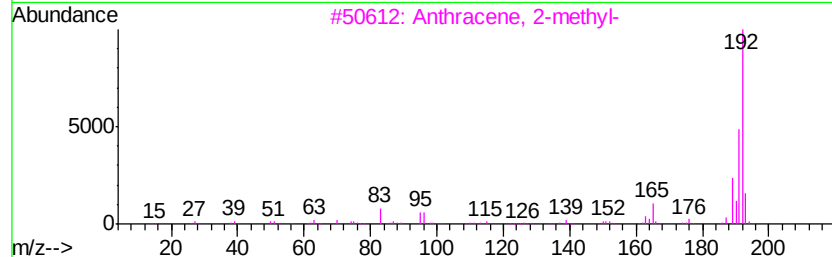
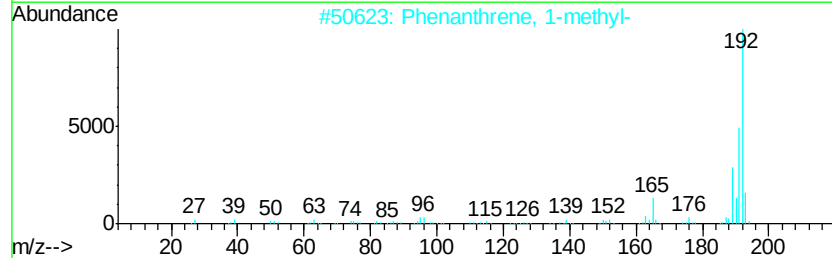
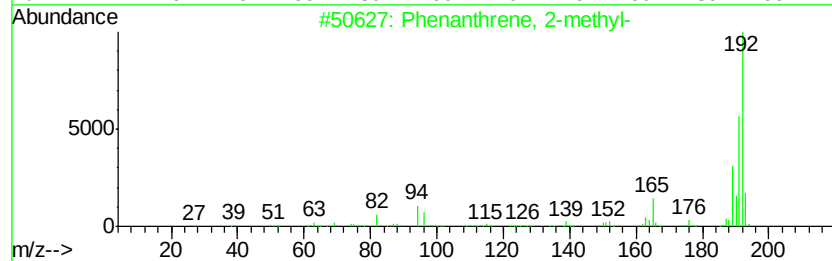
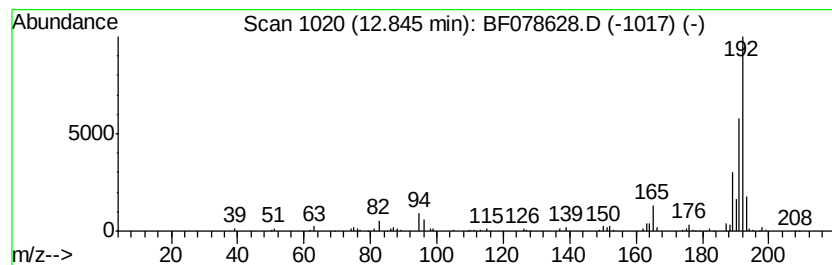
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	6.49 ng	130354	Phenanthrene-d10	12.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
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Sample : G1902-10
Misc :
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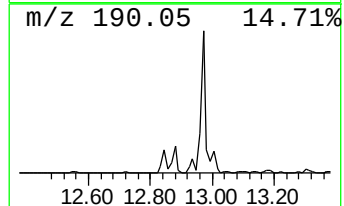
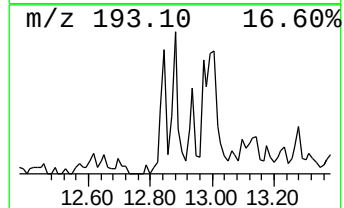
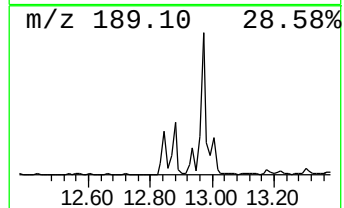
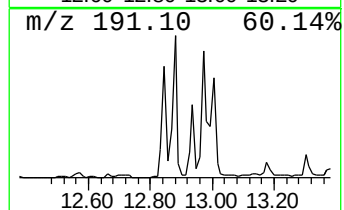
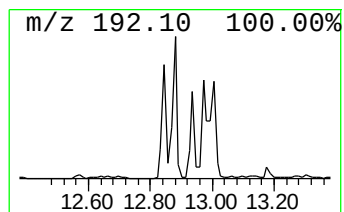
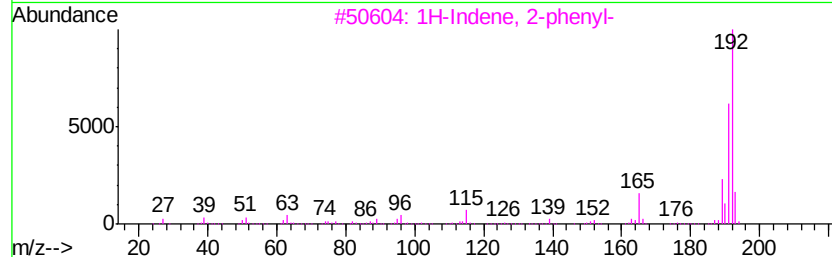
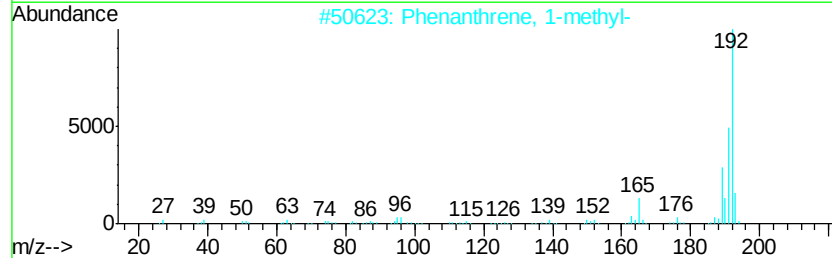
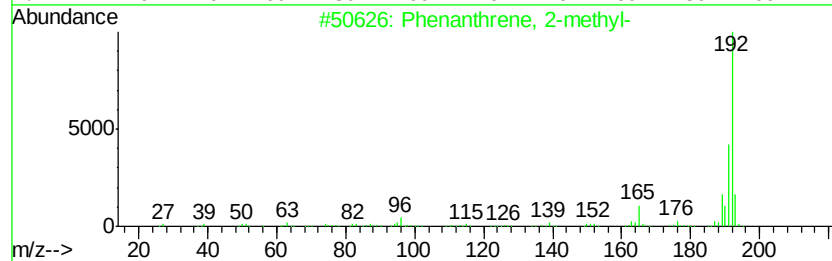
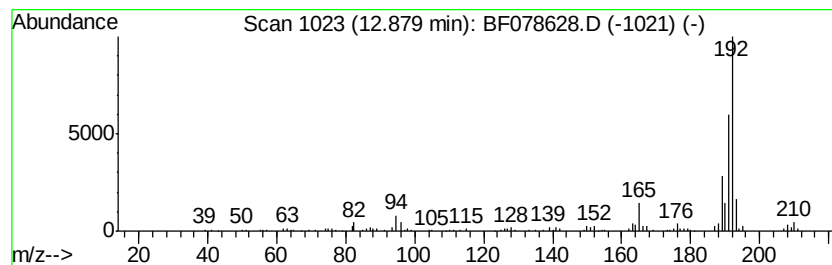
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.88	10.33 ng	207459	Phenanthrene-d10	12.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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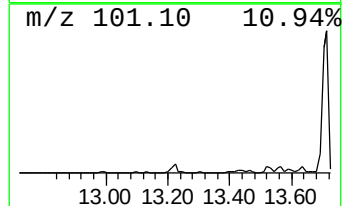
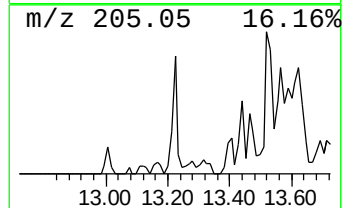
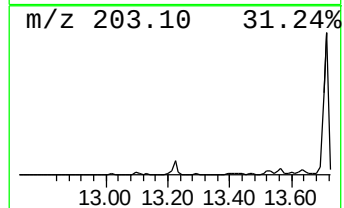
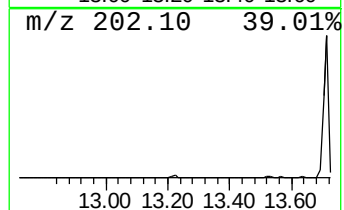
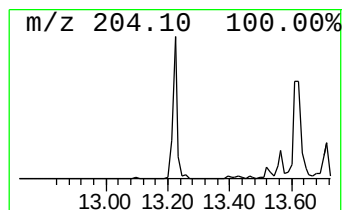
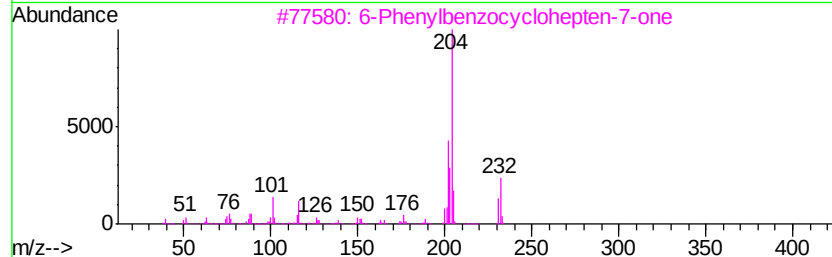
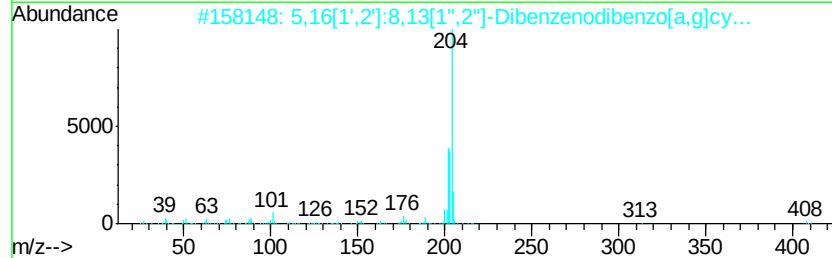
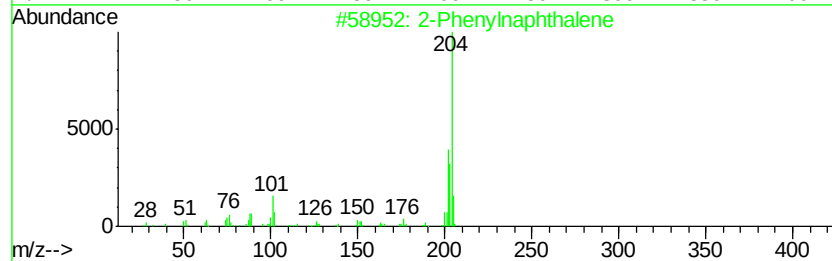
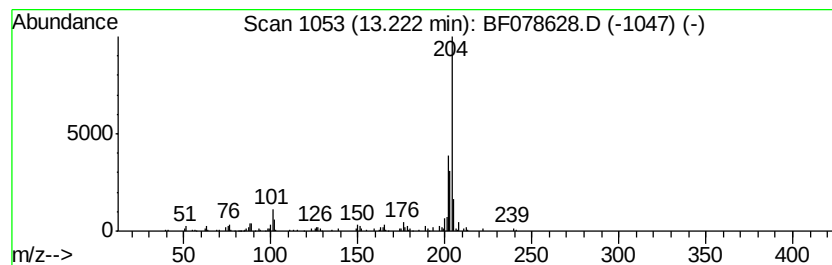
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	15.41 ng	309373	Phenanthrene-d10	12.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		5,16[1',2']: ^{8,13} [1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
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Sample : G1902-10
Misc :
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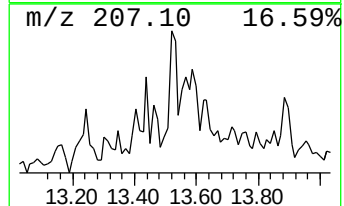
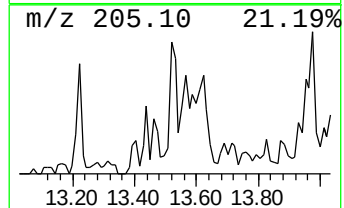
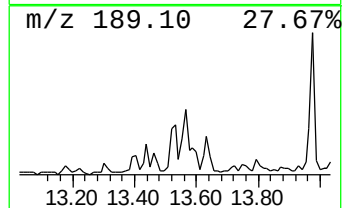
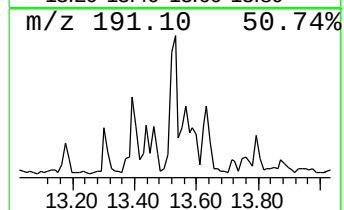
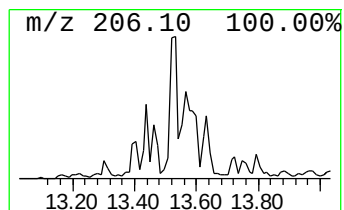
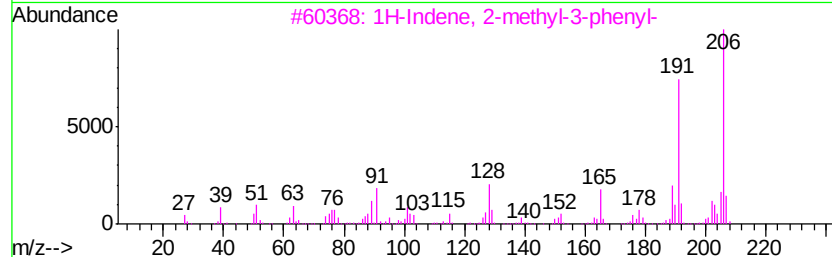
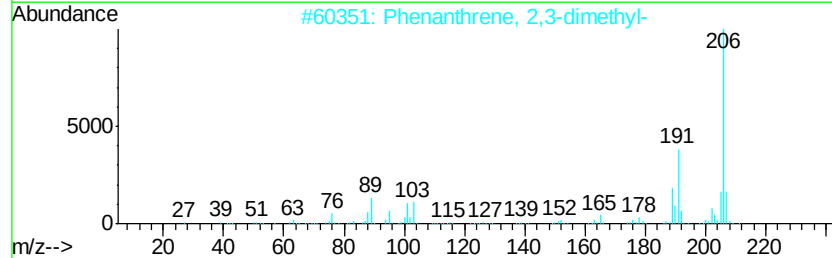
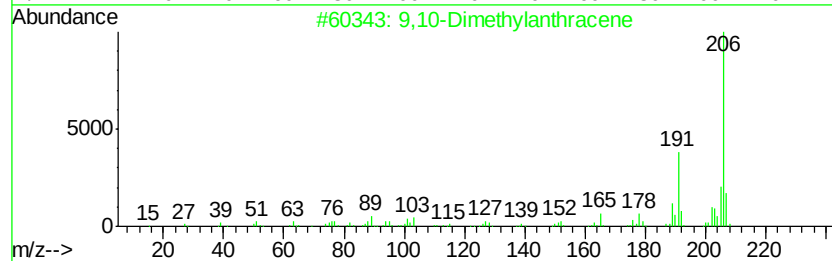
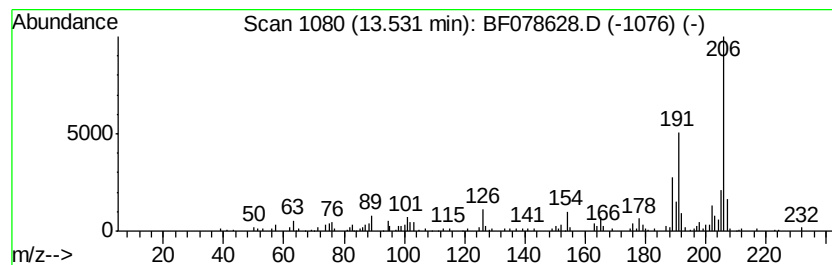
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	11.97 ng	240357	Phenanthrene-d10	12.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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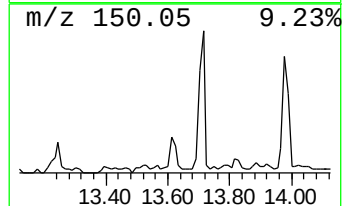
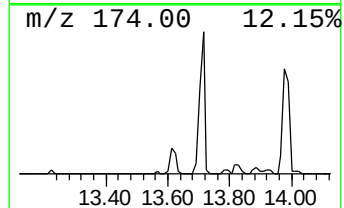
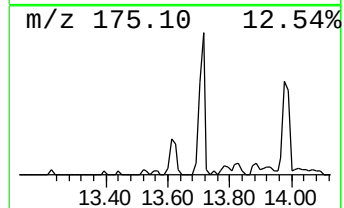
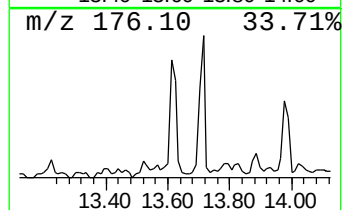
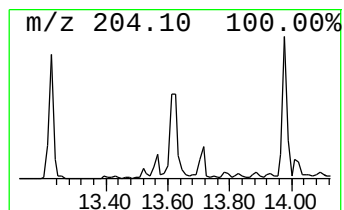
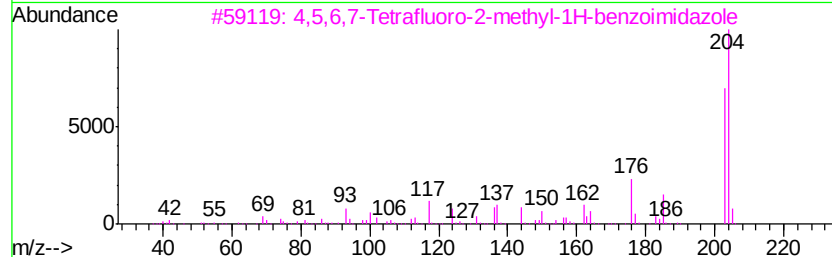
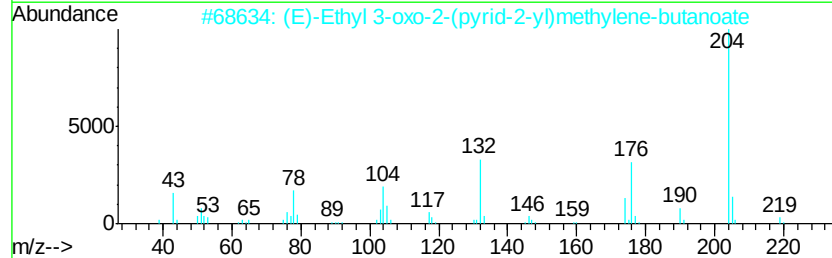
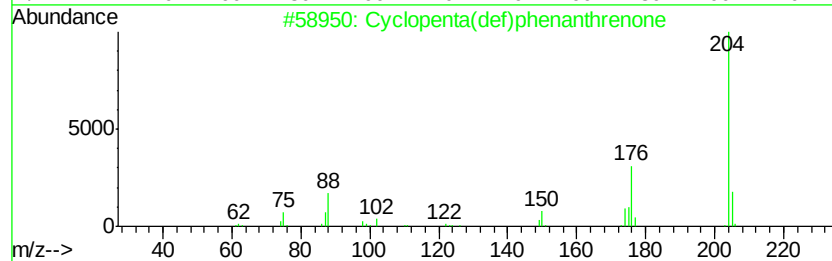
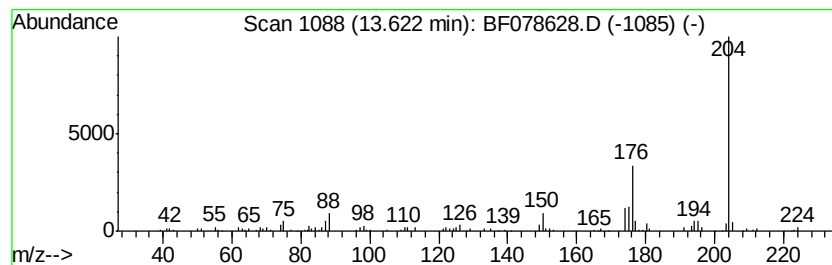
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	9.83 ng	197418	Phenanthrene-d10	12.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13N03	1000147-59-7	36
3		4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	36
4		3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	33
5		1,4,6-Trimethyl-1,2,3,4-tetrahyd...	204	C11H12N2O2	004951-03-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
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Acq On : 18 Apr 2015 7:06
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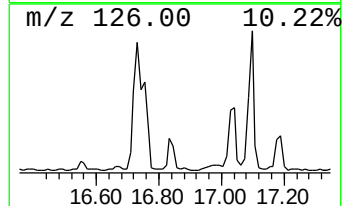
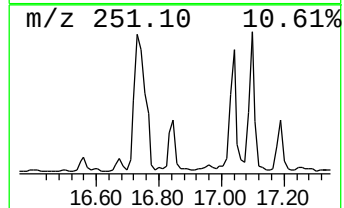
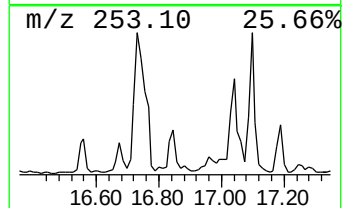
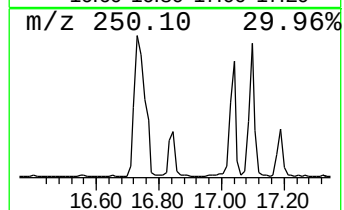
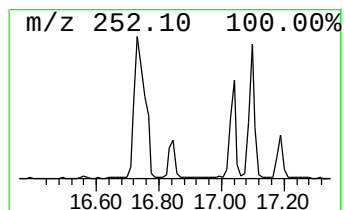
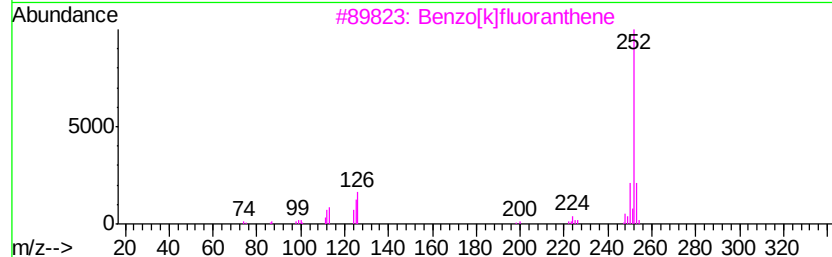
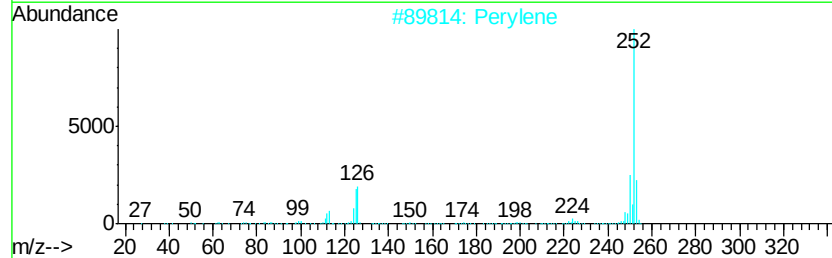
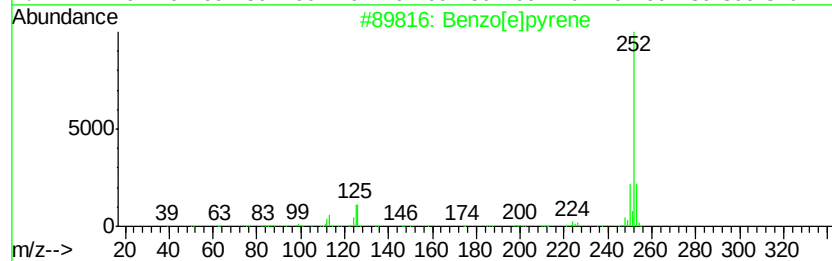
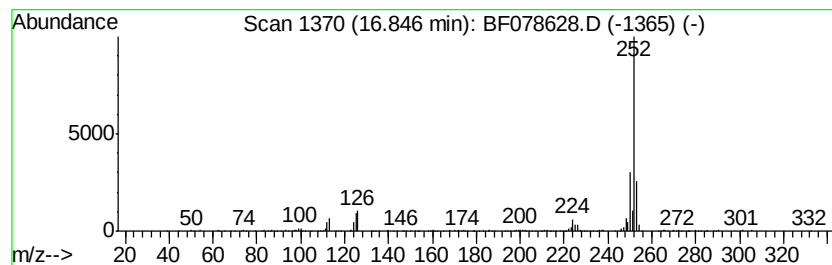
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	13.53 ng	396894	Perylene-d12	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB20

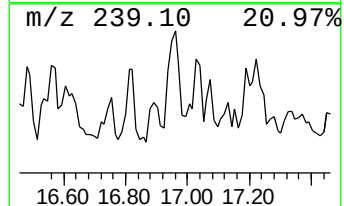
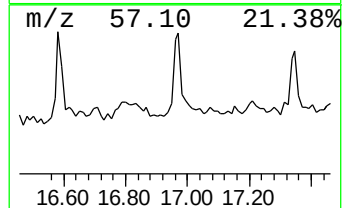
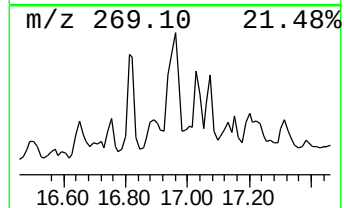
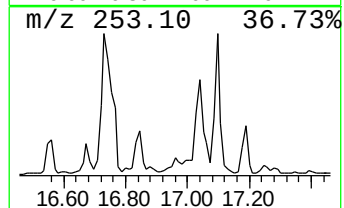
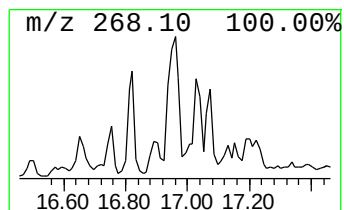
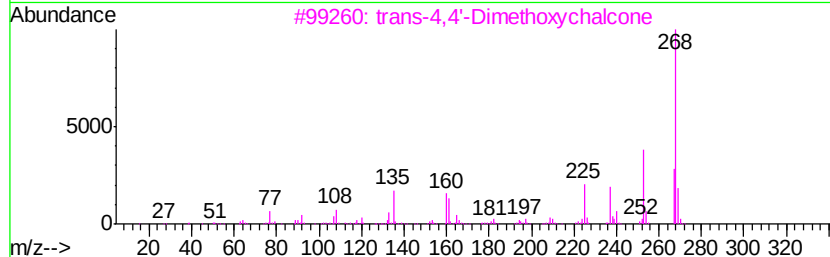
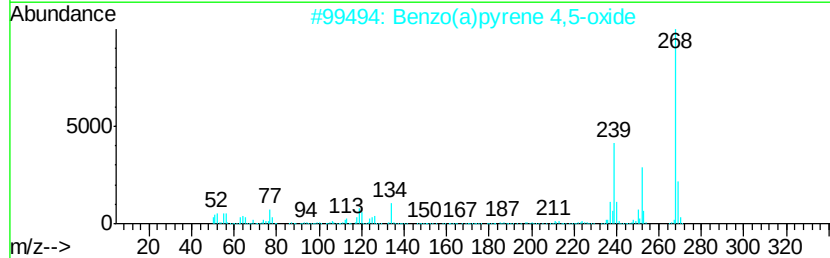
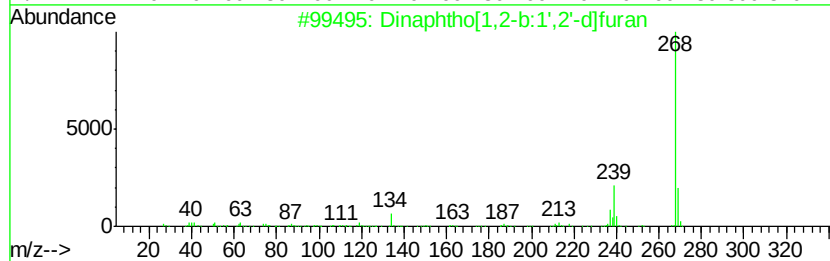
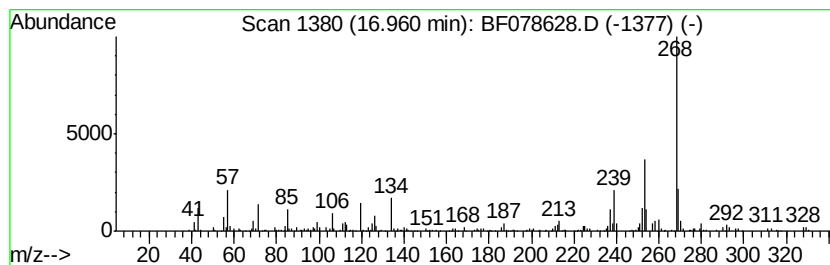
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	10.58 ng	310149	Perylene-d12	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
3		trans-4,4'-Dimethoxychalcone	268	C17H16O3	041564-67-4	59
4		Phenol, 2,2'-[1,2-ethanediyl]bis(...	268	C16H16N2O2	000094-93-9	55
5		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB20

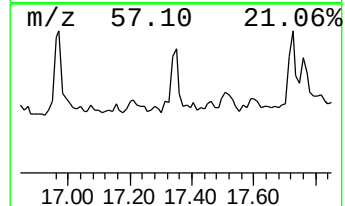
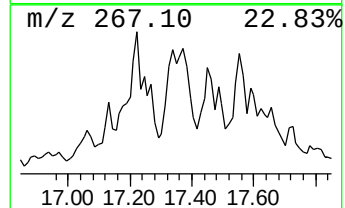
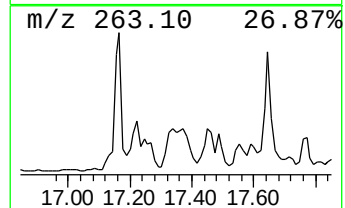
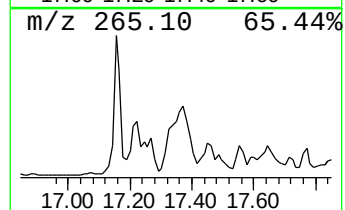
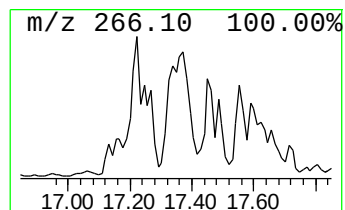
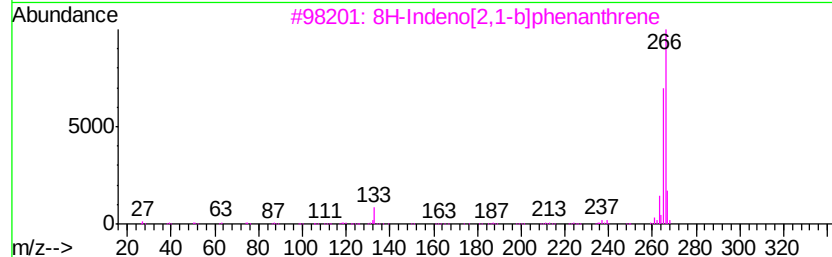
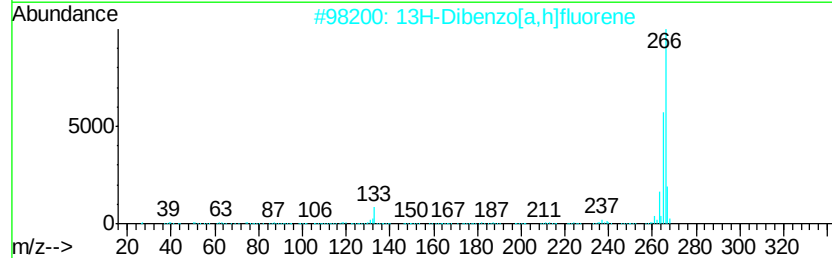
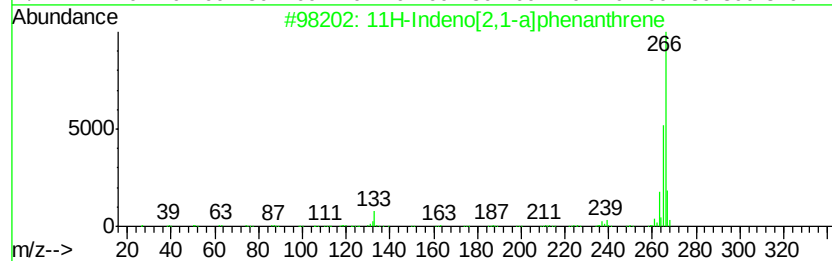
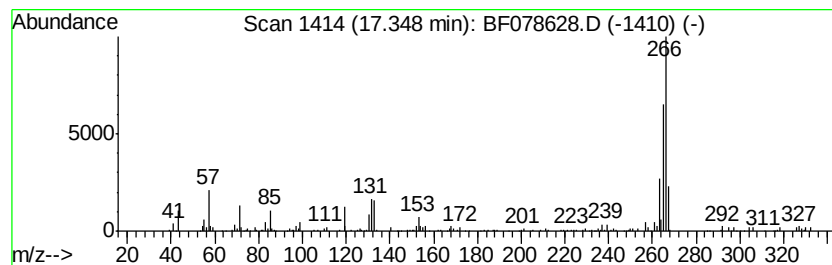
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Indeno[2,1-a]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	9.78 ng	286876	Perylene-d12	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	90
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	81
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	74
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB20

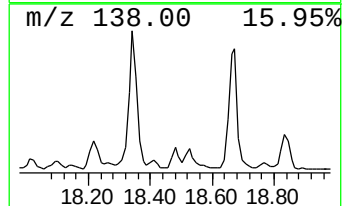
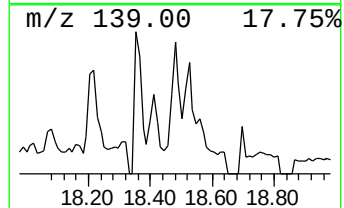
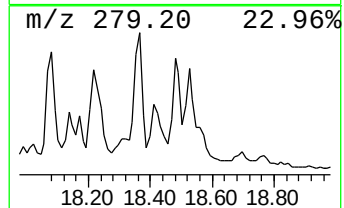
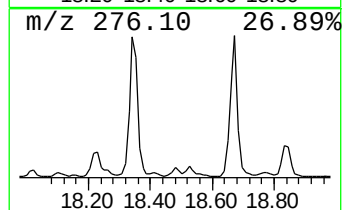
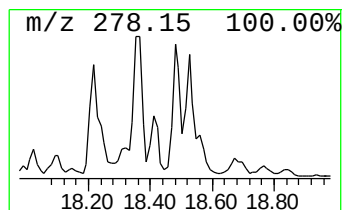
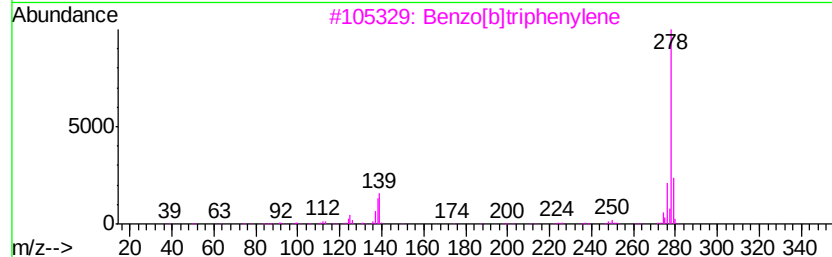
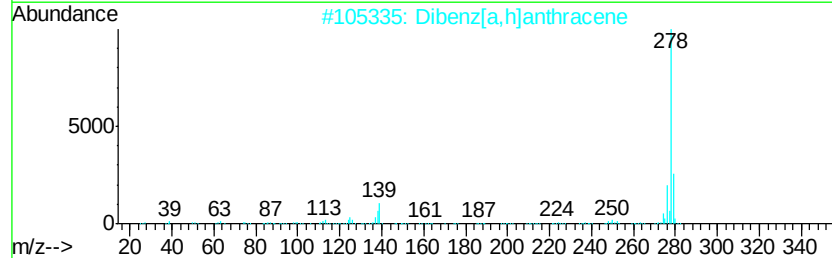
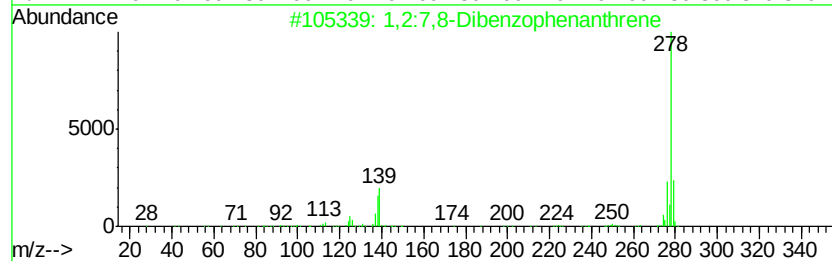
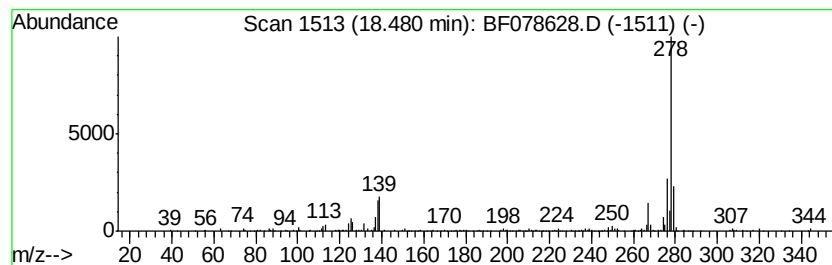
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	6.76 ng	198324	Perylene-d12	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
4			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	93
5			Benzo[b]chrysene	278	C22H14	000214-17-5	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078628.D
Acq On : 18 Apr 2015 7:06
Operator : TP/IZ
Sample : G1902-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB20

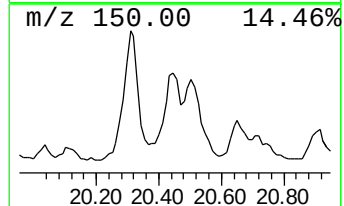
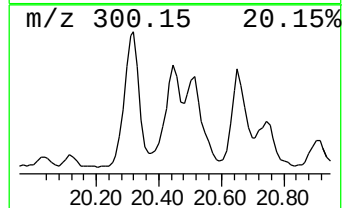
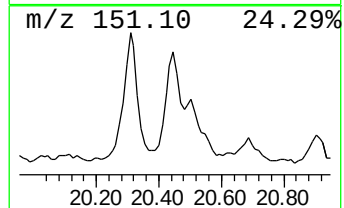
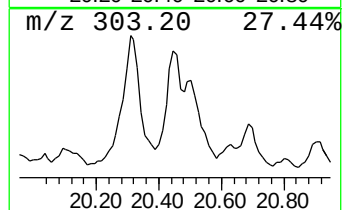
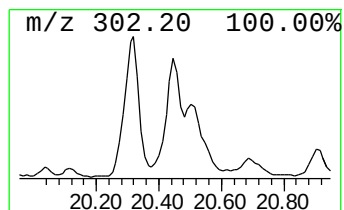
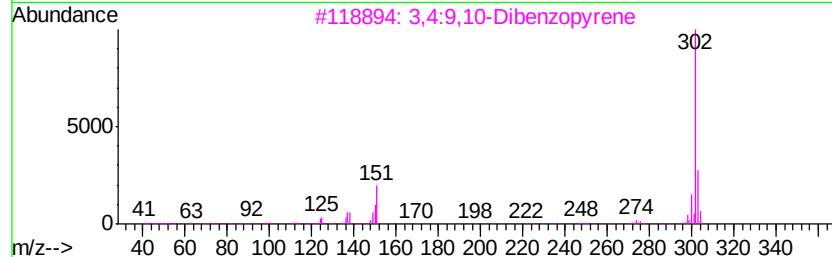
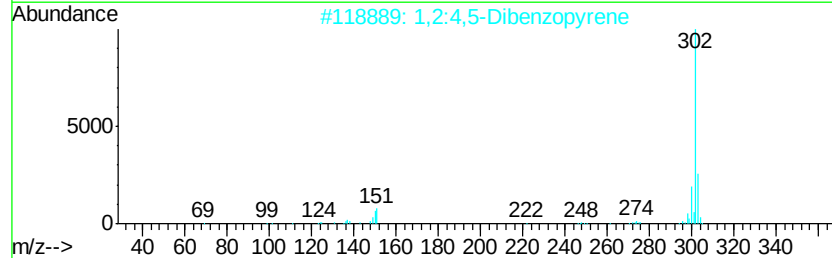
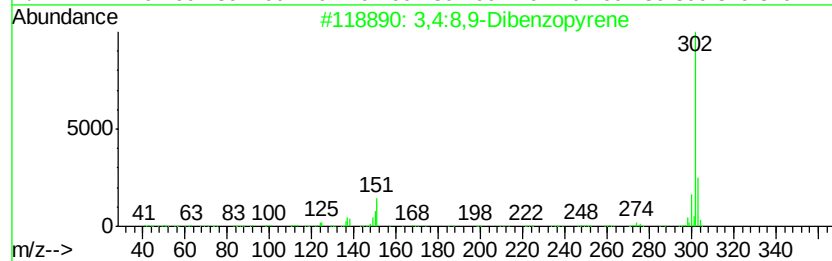
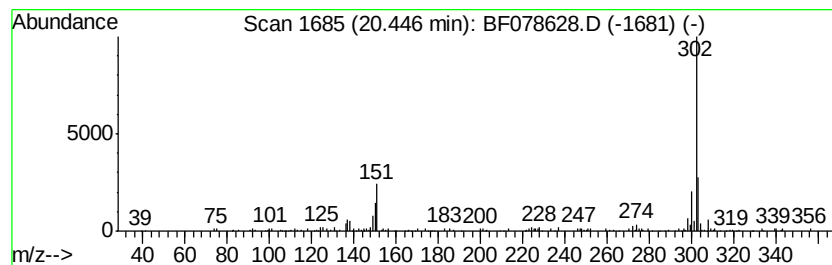
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	8.41 ng	246711	Perylene-d12	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	90
4		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	68
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078628.D
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 Operator : TP/IZ
 Sample : G1902-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.26	8.3	ng	89062	1	6.67	214699	20.0
unknown6.39	6.39	60.0	ng	644132	1	6.67	214699	20.0
Hexadecane, 2,6,1...	11.62	7.6	ng	152278	4	12.22	401618	20.0
Tetradecane	12.69	7.0	ng	140334	4	12.22	401618	20.0
Phenanthrene, 2-m...	12.85	6.5	ng	130354	4	12.22	401618	20.0
Phenanthrene, 1-m...	12.88	10.3	ng	207459	4	12.22	401618	20.0
2-Phenylnaphthalene	13.22	15.4	ng	309373	4	12.22	401618	20.0
9,10-Dimethylanthe...	13.53	12.0	ng	240357	4	12.22	401618	20.0
Cyclopenta(def)ph...	13.62	9.8	ng	197418	4	12.22	401618	20.0
Benzo[e]pyrene	16.85	13.5	ng	396894	6	17.15	586493	20.0
Dinaphtho[1,2-b:1...	16.96	10.6	ng	310149	6	17.15	586493	20.0
11H-Indeno[2,1-a]...	17.35	9.8	ng	286876	6	17.15	586493	20.0
1,2:7,8-Dibenzoph...	18.48	6.8	ng	198324	6	17.15	586493	20.0
3,4:8,9-Dibenzopy...	20.45	8.4	ng	246711	6	17.15	586493	20.0