

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080662.D
 Acq On : 25 Jul 2015 10:49
 Operator : TP/UM
 Sample : G3070-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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-BF072415.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	4.578	215	218	221	rVB	288215	342079	19.74%	0.968%
2	5.093	261	263	266	rBV	599625	653166	37.70%	1.848%
3	5.516	297	300	302	rBV	1143638	1523033	87.90%	4.309%
4	6.544	387	390	392	rBV	2120957	1732708	100.00%	4.902%
5	6.693	400	403	405	rBV	1985199	1725982	99.61%	4.883%
6	6.933	421	424	426	rBV	323916	329735	19.03%	0.933%
7	7.081	435	437	440	rVB	1067949	1199364	69.22%	3.393%
8	7.493	470	473	475	rBV	1041092	1036403	59.81%	2.932%
9	8.213	534	536	540	rVB2	413883	419632	24.22%	1.187%
10	9.013	604	606	610	rBV2	309368	300289	17.33%	0.850%
11	9.287	628	630	633	rVV	1381724	1649841	95.22%	4.668%
12	9.630	657	660	663	rVV	48319	64592	3.73%	0.183%
13	9.687	663	665	667	rVV	365902	304540	17.58%	0.862%
14	9.790	672	674	676	rVV2	84393	78232	4.52%	0.221%
15	9.973	686	690	691	rBV	506750	430032	24.82%	1.217%
16	10.007	691	693	694	rVB	120290	113577	6.55%	0.321%
17	10.179	706	708	709	rBV	71473	82896	4.78%	0.235%
18	10.522	736	738	740	rVB	133620	146510	8.46%	0.415%
19	10.602	740	745	748	rBV7	23482	82676	4.77%	0.234%
20	10.648	748	749	754	rVB3	61600	113013	6.52%	0.320%
21	10.762	756	759	761	rBV2	754182	1021627	58.96%	2.891%
22	10.876	767	769	775	rVB	43201	63422	3.66%	0.179%
23	11.070	782	786	787	rBV2	32341	65877	3.80%	0.186%
24	11.265	800	803	805	rVB	57622	83227	4.80%	0.235%
25	11.322	805	808	810	rBV3	70656	139933	8.08%	0.396%
26	11.356	810	811	813	rVB	134904	100149	5.78%	0.283%
27	11.459	818	820	821	rBV	462176	518928	29.95%	1.468%
28	11.482	821	822	824	rVV	1915413	1401887	80.91%	3.966%
29	11.528	824	826	828	rVV	235905	274771	15.86%	0.777%
30	11.688	837	840	842	rBV2	286291	314263	18.14%	0.889%
31	11.756	845	846	847	rVV	90335	73904	4.27%	0.209%
32	11.791	847	849	851	rVV	75443	82616	4.77%	0.234%
33	11.962	861	864	865	rVV	243354	228509	13.19%	0.647%
34	11.985	865	866	868	rVV	330033	337027	19.45%	0.954%

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35	12.031	868	870	872	rVV	57201	94492	5.45%	0.267%
36	12.076	872	874	878	rVV2	290119	457607	26.41%	1.295%
37	12.168	878	882	883	rVV	60235	70681	4.08%	0.200%
38	12.259	887	890	894	rVB3	165095	356639	20.58%	1.009%
39	12.385	899	901	905	rVV	653627	707356	40.82%	2.001%
40	12.453	905	907	911	rVV5	60329	137554	7.94%	0.389%
41	12.522	911	913	915	rVV	375297	427207	24.66%	1.209%
42	12.556	915	916	919	rVV3	64327	128706	7.43%	0.364%
43	12.602	919	920	923	rVV3	79386	116524	6.72%	0.330%
44	12.693	925	928	930	rVV	1105757	1313761	75.82%	3.717%
45	12.739	930	932	935	rVV2	31600	73040	4.22%	0.207%
46	12.796	935	937	938	rVV2	40565	56280	3.25%	0.159%
47	12.842	938	941	945	rVV4	55555	157570	9.09%	0.446%
48	12.933	945	949	951	rVV	1039951	1490489	86.02%	4.217%
49	12.979	951	953	956	rVB2	63454	90024	5.20%	0.255%
50	13.082	960	962	965	rVB	1704872	1580042	91.19%	4.471%
51	13.162	965	969	971	rBV2	80379	129149	7.45%	0.365%
52	13.276	975	979	981	rVB	135758	255147	14.73%	0.722%
53	13.356	984	986	987	rVB2	69182	77504	4.47%	0.219%
54	13.391	987	989	991	rBV	127669	144368	8.33%	0.408%
55	13.459	993	995	997	rVV	137272	148687	8.58%	0.421%
56	13.494	997	998	1000	rVV	77835	68737	3.97%	0.194%
57	13.528	1000	1001	1003	rVV	86192	71128	4.11%	0.201%
58	13.734	1013	1019	1022	rBV7	35866	129790	7.49%	0.367%
59	13.836	1025	1028	1032	rBV	90999	137899	7.96%	0.390%
60	13.974	1036	1040	1041	rBV2	116401	191502	11.05%	0.542%
61	14.008	1041	1043	1044	rBV	75390	58813	3.39%	0.166%
62	14.076	1047	1049	1050	rBV2	58461	57340	3.31%	0.162%
63	14.214	1059	1061	1063	rVV3	165824	231707	13.37%	0.656%
64	14.259	1063	1065	1066	rVV2	687144	1094697	63.18%	3.097%
65	14.282	1066	1067	1072	rVB	620230	987197	56.97%	2.793%
66	14.385	1072	1076	1078	rBV2	52687	96484	5.57%	0.273%
67	14.488	1083	1085	1087	rVV2	46839	74845	4.32%	0.212%
68	14.534	1087	1089	1091	rVV2	45835	59986	3.46%	0.170%
69	14.739	1104	1107	1109	rVV	82870	135736	7.83%	0.384%
70	14.774	1109	1110	1113	rVV	57087	64861	3.74%	0.184%
71	14.854	1113	1117	1118	rVV3	33157	63974	3.69%	0.181%

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72	14.911	1118	1122	1125	rVB3	121473	221561	12.79%	0.627%
73	15.105	1136	1139	1141	rBV3	36529	62348	3.60%	0.176%
74	15.299	1155	1156	1158	rVV	33867	58826	3.40%	0.166%
75	15.357	1159	1161	1163	rVV2	40749	63313	3.65%	0.179%
76	15.505	1171	1174	1181	rBV	459783	1106227	63.84%	3.130%
77	15.619	1182	1184	1186	rVB	84984	95545	5.51%	0.270%
78	15.734	1191	1194	1196	rVV3	26162	65563	3.78%	0.186%
79	15.825	1199	1202	1205	rVV	368372	486123	28.06%	1.375%
80	15.882	1205	1207	1211	rVV	423214	624097	36.02%	1.766%
81	15.962	1211	1214	1220	rVV3	449587	946180	54.61%	2.677%
82	16.111	1225	1227	1231	rBV4	32648	96355	5.56%	0.273%
83	16.294	1238	1243	1244	rBV4	27035	69392	4.00%	0.196%
84	16.328	1244	1246	1250	rVB2	29448	63266	3.65%	0.179%
85	16.465	1255	1258	1261	rBV2	145918	270908	15.63%	0.766%
86	16.522	1261	1263	1269	rVB4	49638	146982	8.48%	0.416%
87	16.900	1293	1296	1300	rVB4	33201	85752	4.95%	0.243%
88	17.014	1302	1306	1307	rBV3	24533	58964	3.40%	0.167%
89	17.288	1325	1330	1334	rBV2	68401	209052	12.07%	0.591%
90	17.448	1341	1344	1350	rVB2	236410	546343	31.53%	1.546%
91	17.643	1358	1361	1363	rVV	59795	124624	7.19%	0.353%
92	17.700	1363	1366	1368	rVV2	62161	154625	8.92%	0.437%
93	17.745	1368	1370	1375	rVB5	39033	91423	5.28%	0.259%
94	17.894	1379	1383	1393	rVB	203144	523464	30.21%	1.481%
95	18.134	1401	1404	1409	rVB	46887	114578	6.61%	0.324%
96	18.671	1448	1451	1457	rVB6	22229	67739	3.91%	0.192%
97	19.437	1515	1518	1522	rVB6	21934	55087	3.18%	0.156%
98	20.180	1576	1583	1588	rBV	38808	161884	9.34%	0.458%
99	20.374	1594	1600	1603	rBV2	33119	135446	7.82%	0.383%
100	21.300	1676	1681	1682	rBV2	22639	65937	3.81%	0.187%

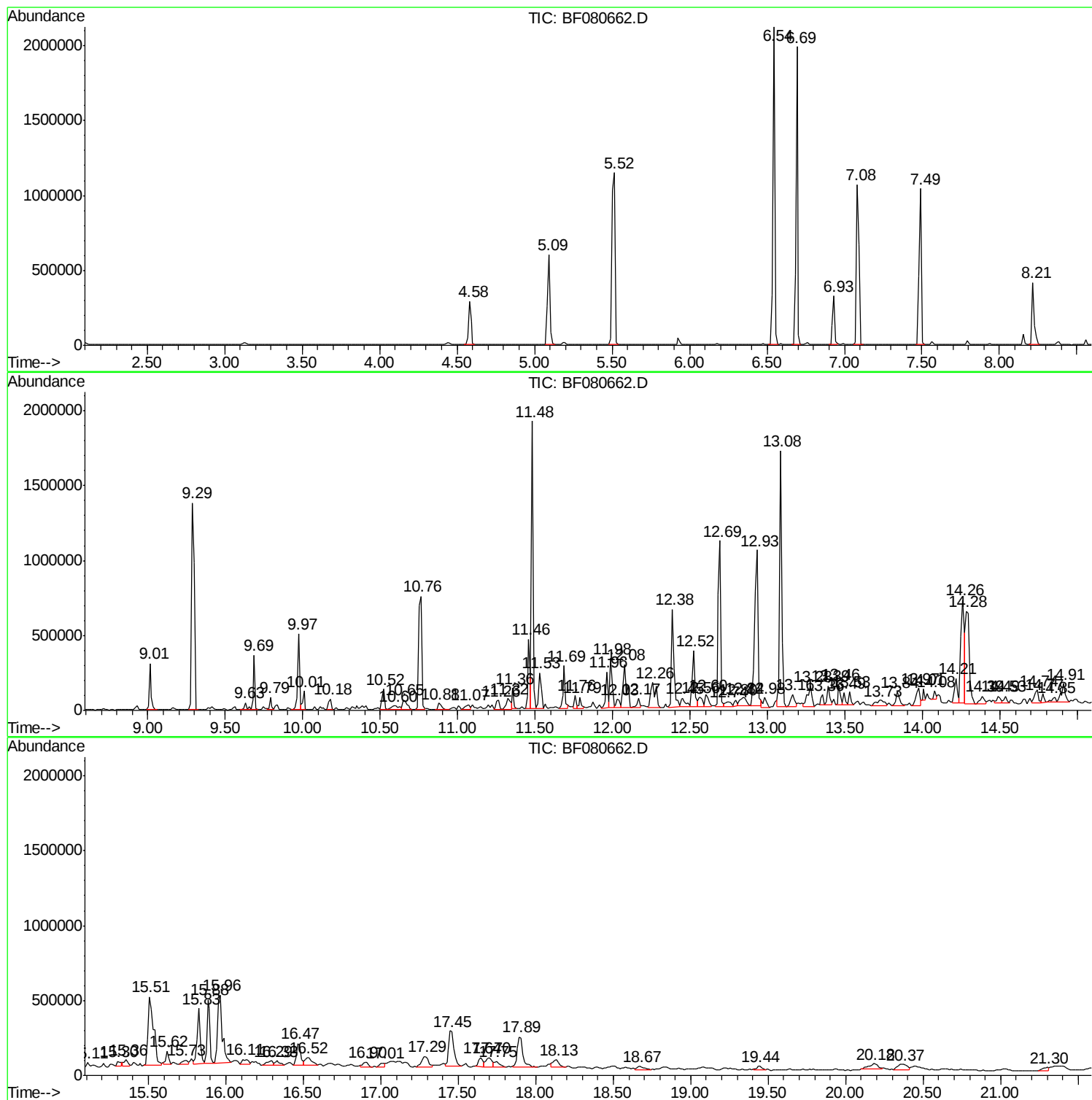
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Instrument :
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ClientSampled :
SOIL-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.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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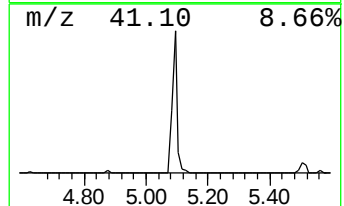
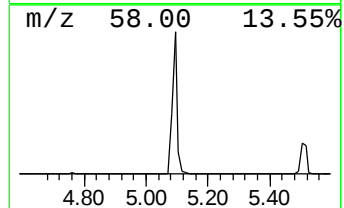
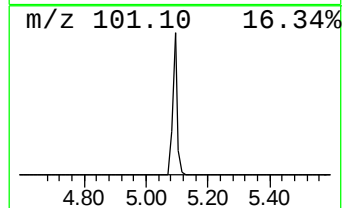
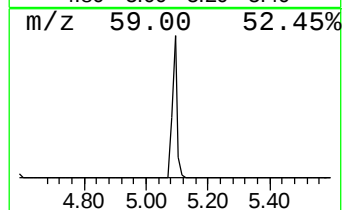
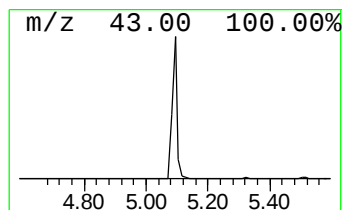
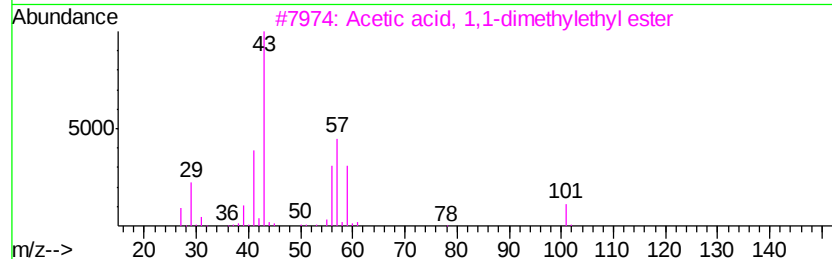
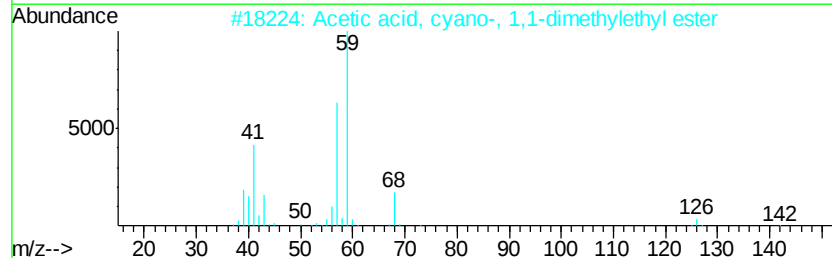
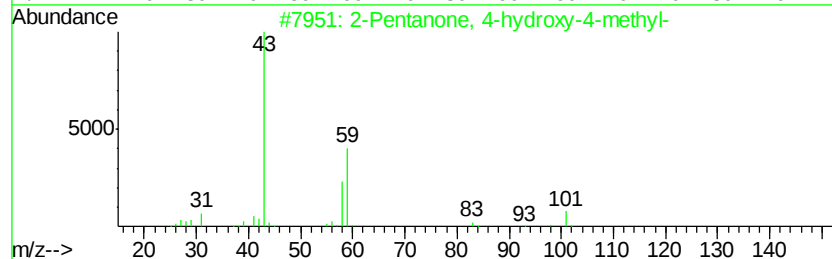
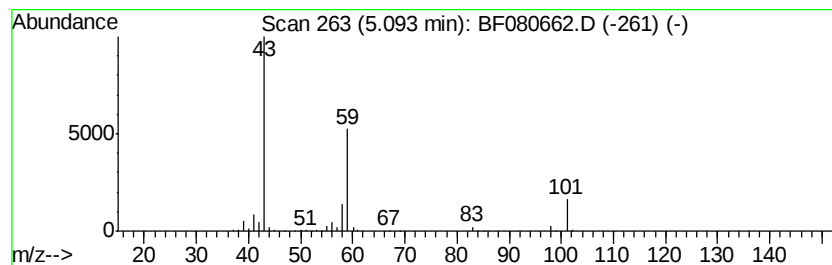
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	39.62 ng	653166	1,4-Dichlorobenzene-d4	6.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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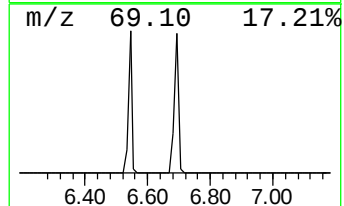
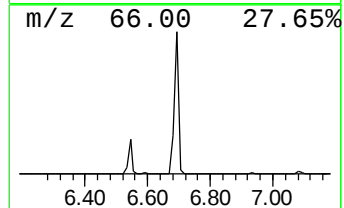
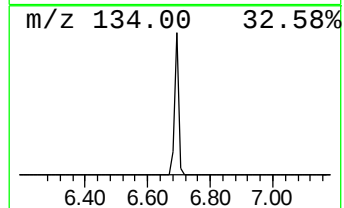
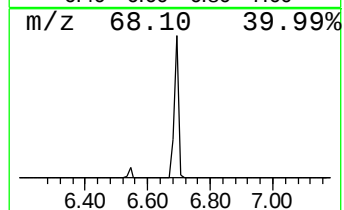
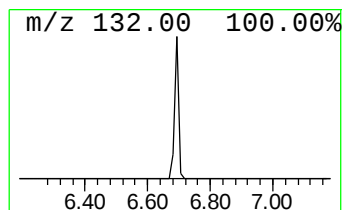
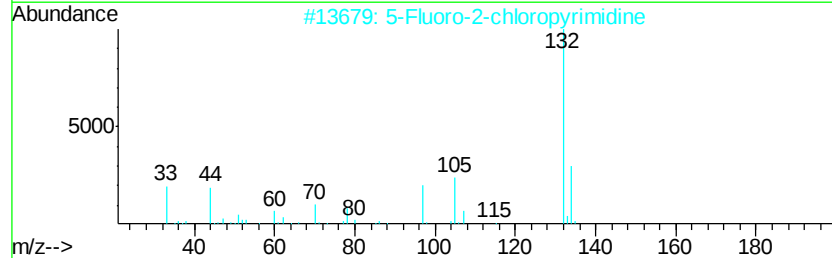
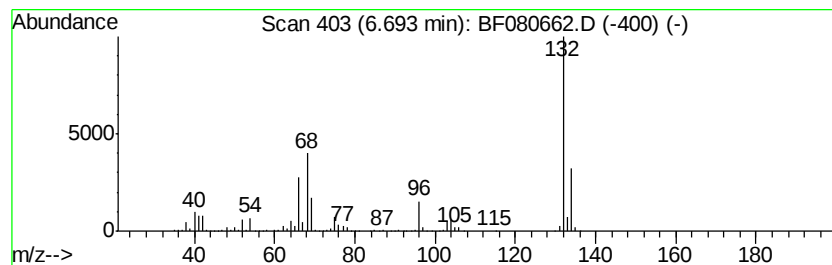
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	104.69 ng	1725980	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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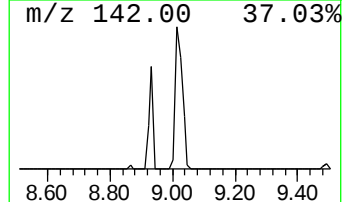
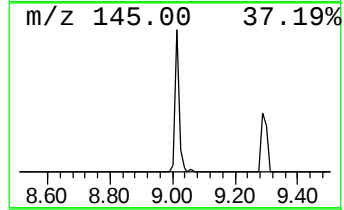
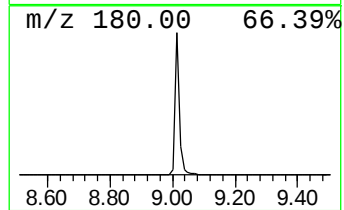
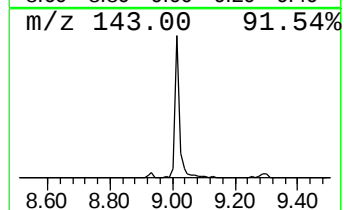
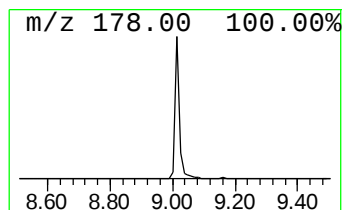
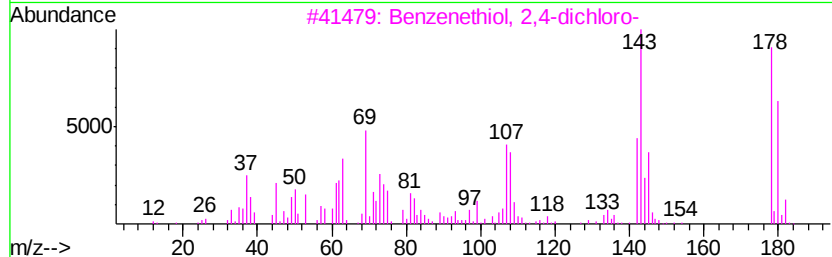
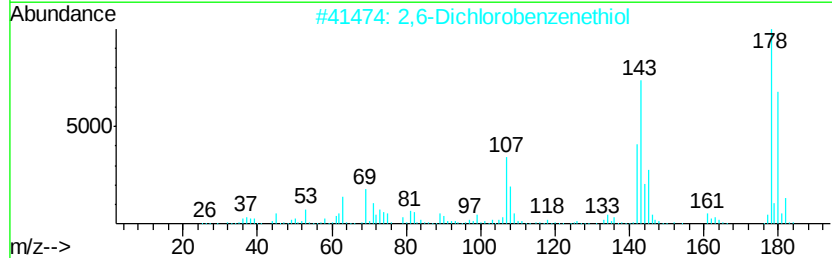
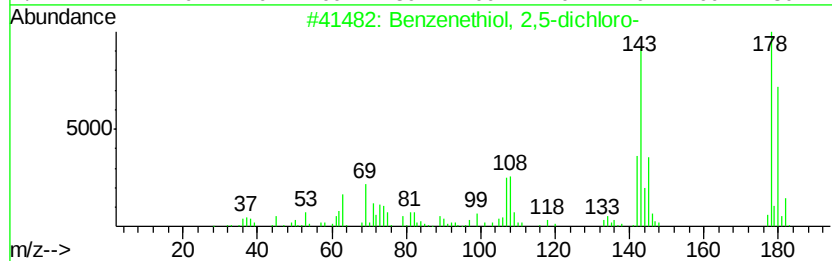
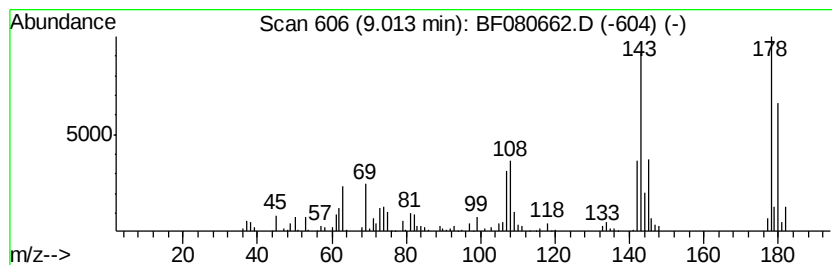
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzenethiol, 2,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	14.31 ng	300289	Napthalene-d8	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethiol, 2,5-dichloro-	178	C6H4Cl2S	005858-18-4	98
2		2,6-Dichlorobenzenethiol	178	C6H4Cl2S	024966-39-0	97
3		Benzenethiol, 2,4-dichloro-	178	C6H4Cl2S	001122-41-4	96
4		2,3-Dichlorobenzenethiol	178	C6H4Cl2S	017231-95-7	94
5		3,4-Dichlorobenzenethiol	178	C6H4Cl2S	005858-17-3	93



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Misc :
ALS Vial : 33 Sample Multiplier: 1

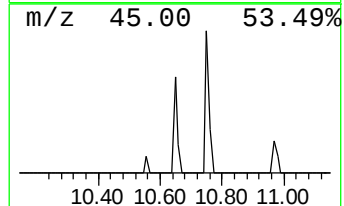
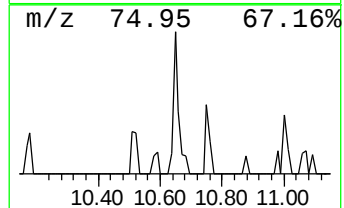
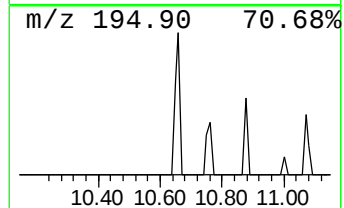
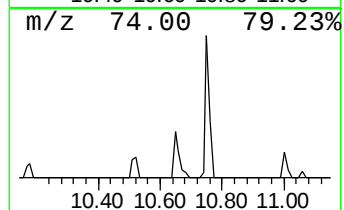
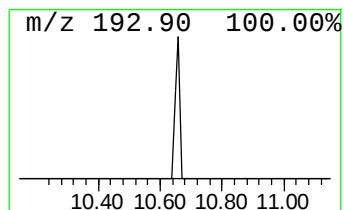
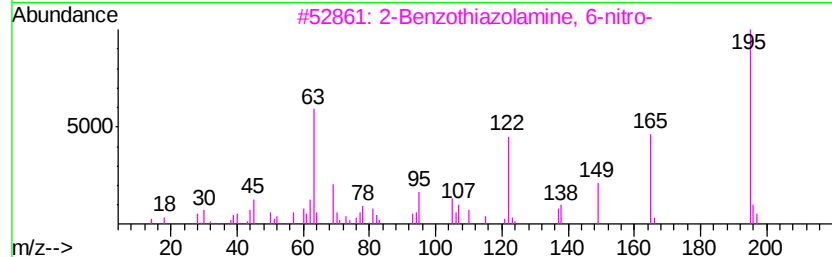
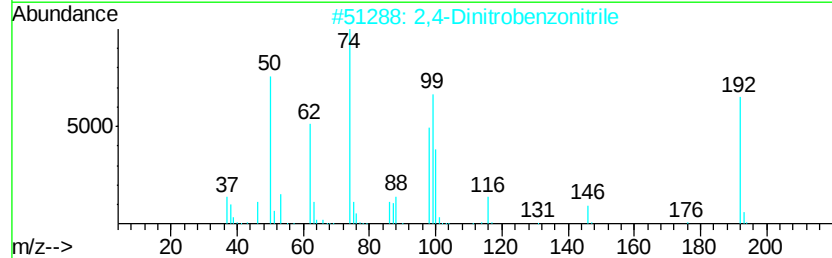
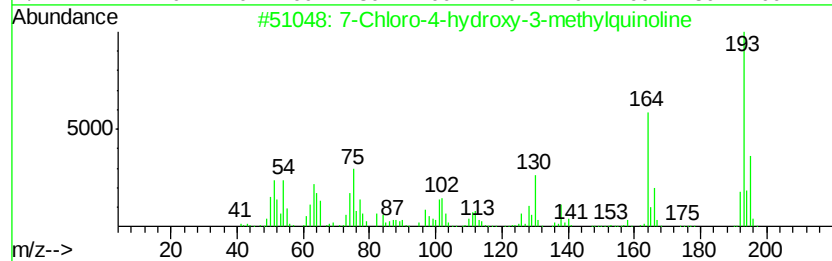
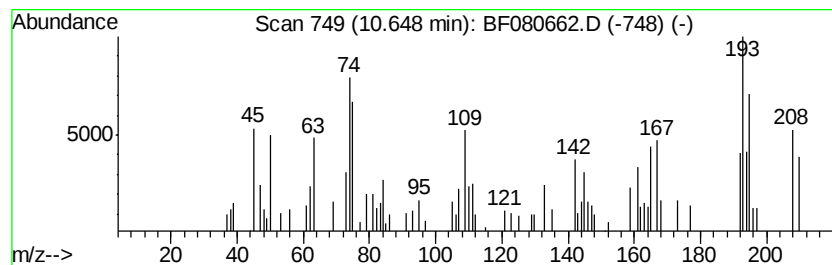
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ClientSampleId :
SOIL-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.65 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.65	5.26 ng	113013	Acenaphthene-d10	9.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Chloro-4-hydroxy-3-methylquino...	193	C10H8ClNO	1000213-49-2	32
2	2,4-Dinitrobenzonitrile	193	C7H3N3O4	004110-33-2	27
3	2-Benzothiazolamine, 6-nitro-	195	C7H5N3O2S	006285-57-0	18
4	Acridine, 2-methyl-	193	C14H11N	000613-15-0	18
5	5-Chloro-4-hydroxy-3-methylquino...	193	C10H8ClNO	1000213-48-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
Operator : TP/UM
Sample : G3070-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

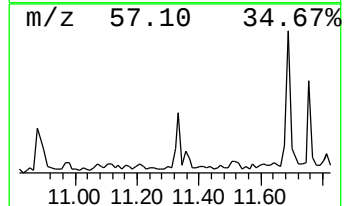
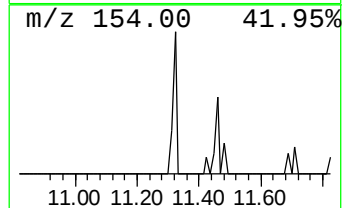
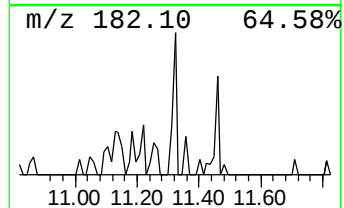
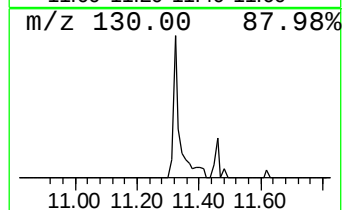
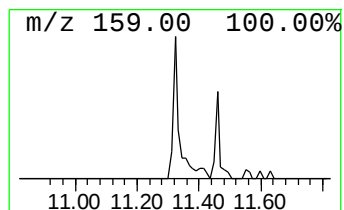
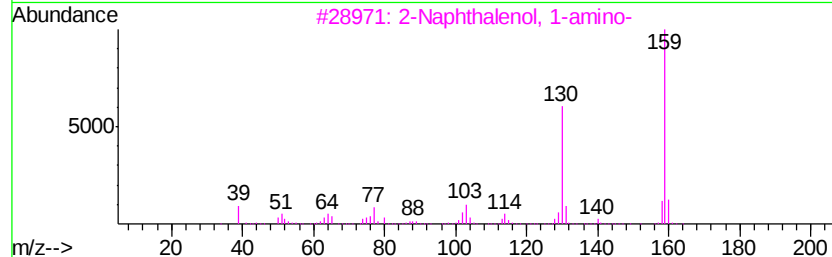
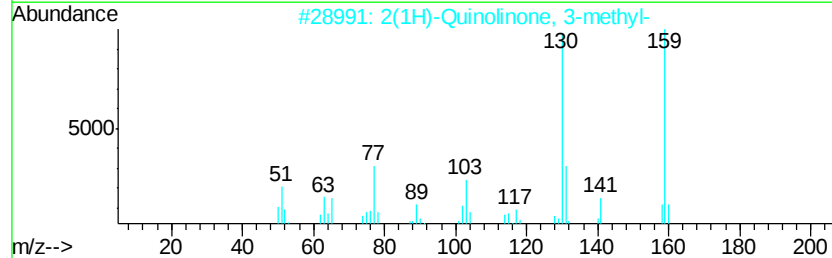
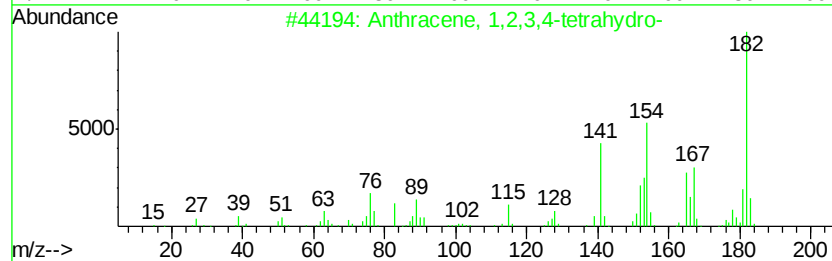
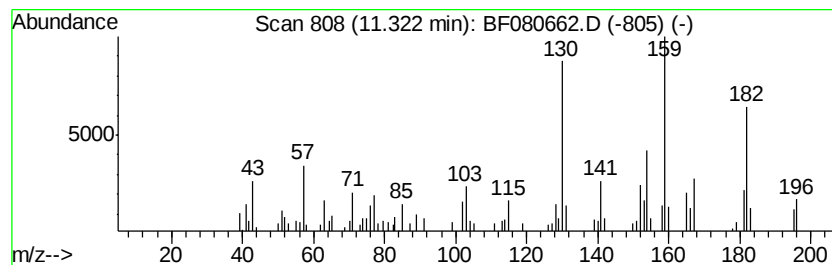
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	5.39 ng	139933	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	95
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	62
3	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	46
4	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	46
5	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
Operator : TP/UM
Sample : G3070-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOIL-2

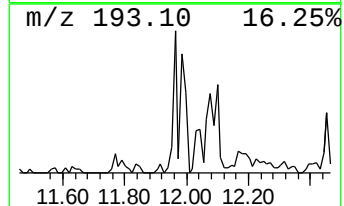
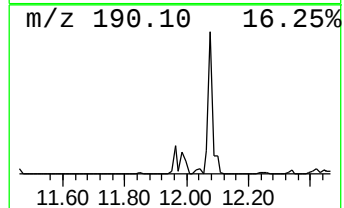
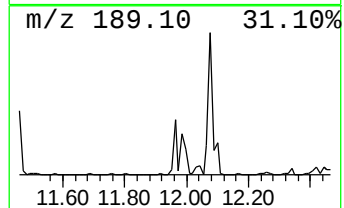
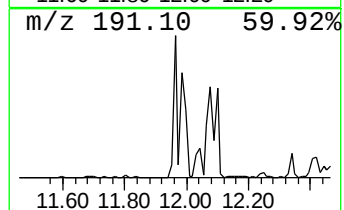
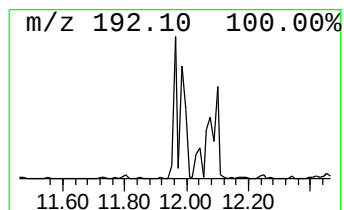
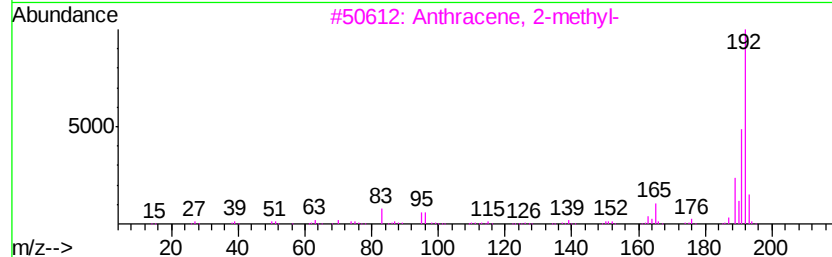
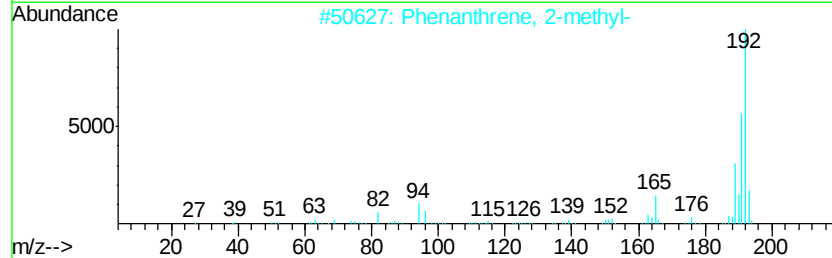
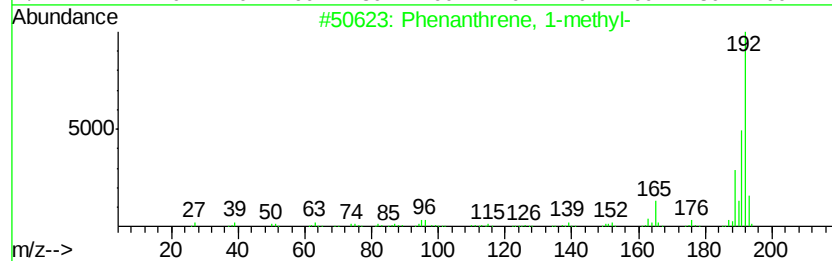
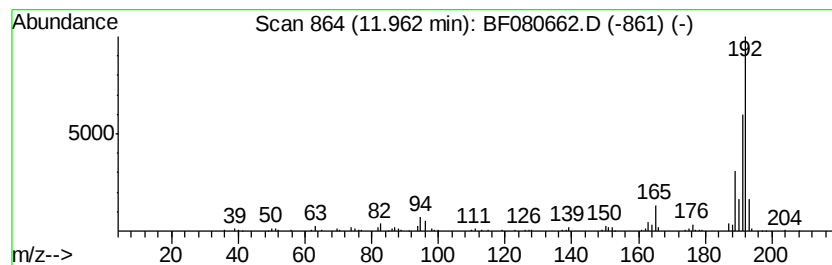
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	8.81 ng	228509	Phenanthrene-d10	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
Operator : TP/UM
Sample : G3070-01
Misc :
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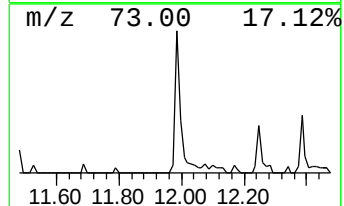
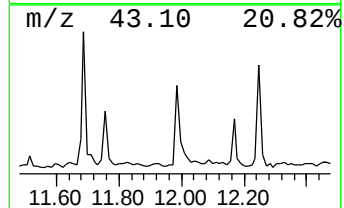
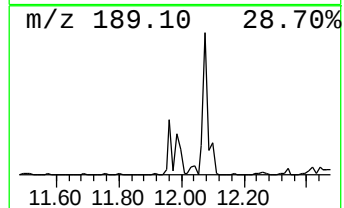
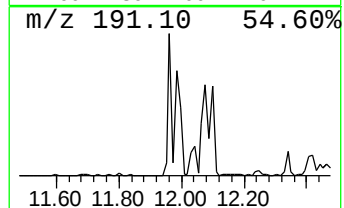
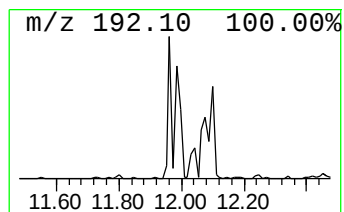
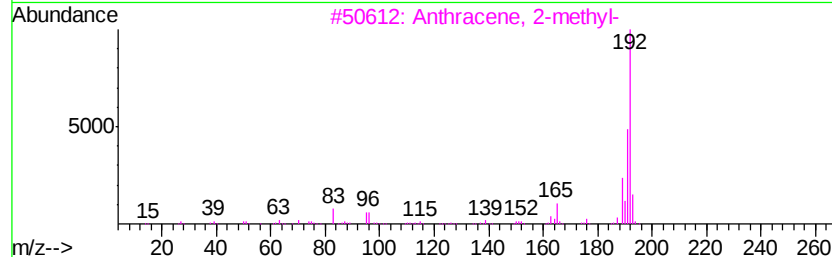
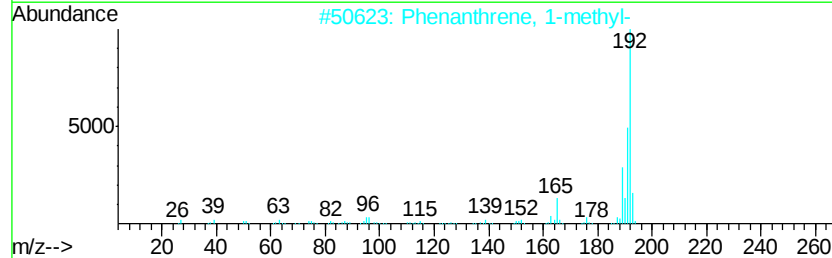
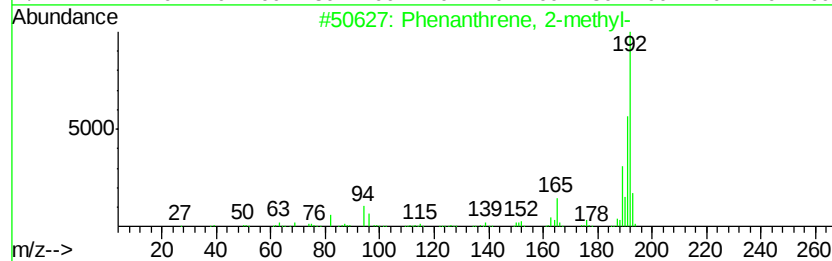
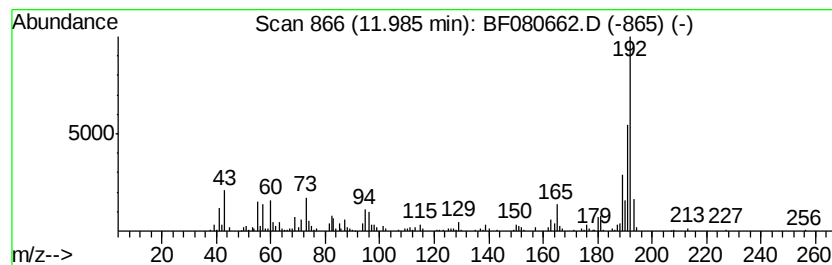
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.98	12.99 ng	337027	Phenanthrene-d10	11.46		
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	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
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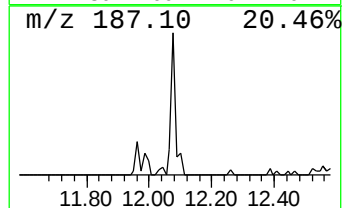
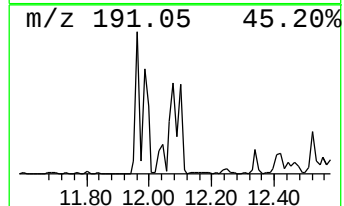
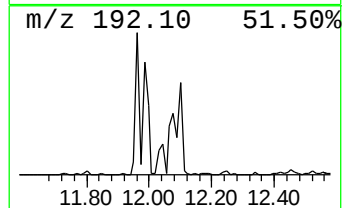
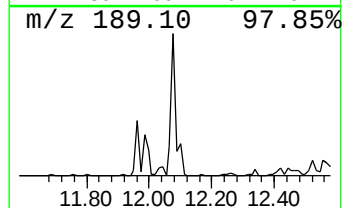
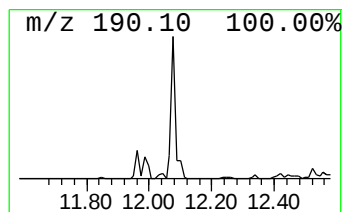
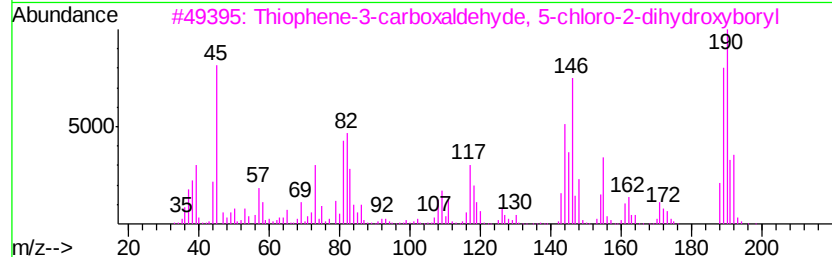
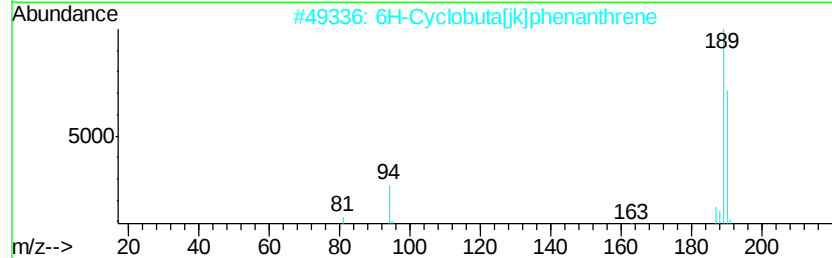
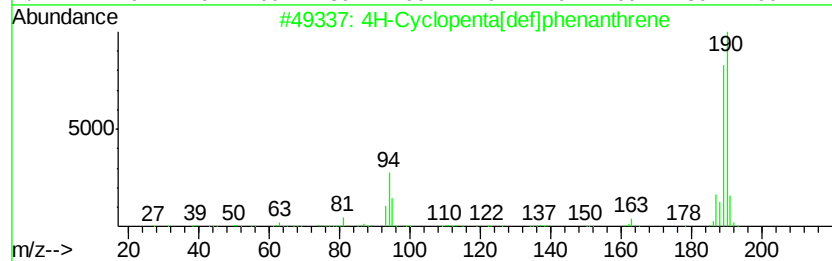
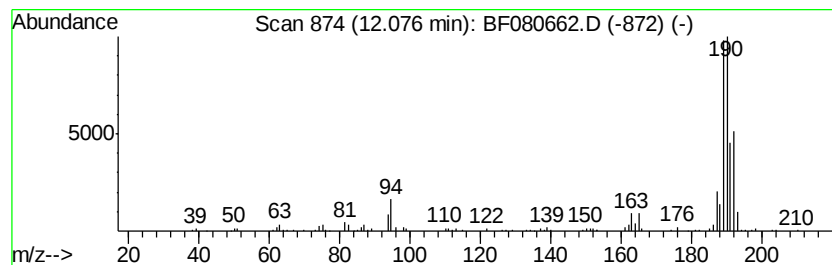
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	17.64 ng	457607	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	45
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
Operator : TP/UM
Sample : G3070-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
SOIL-2

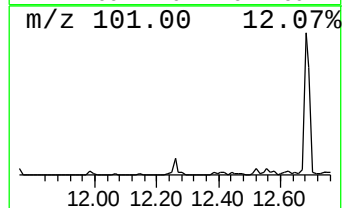
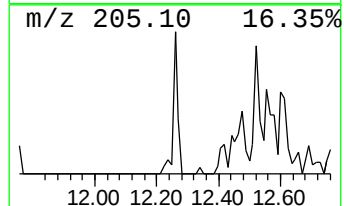
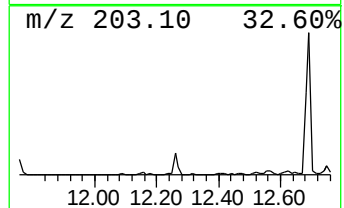
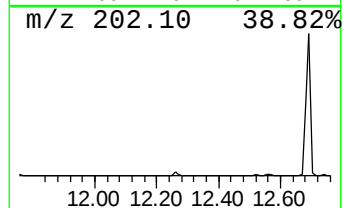
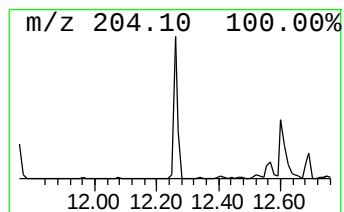
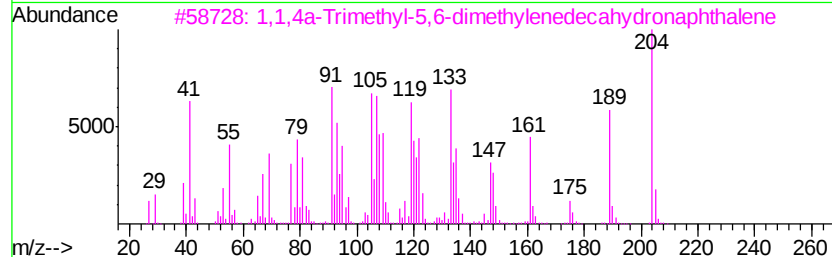
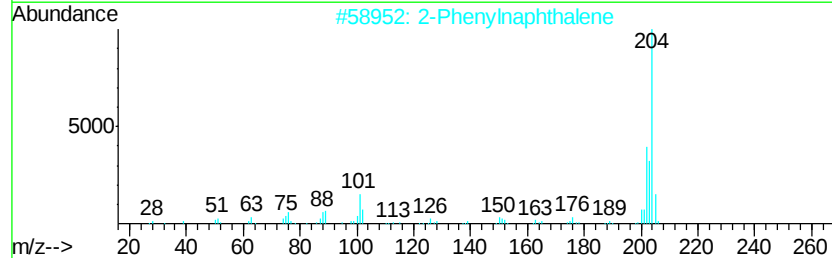
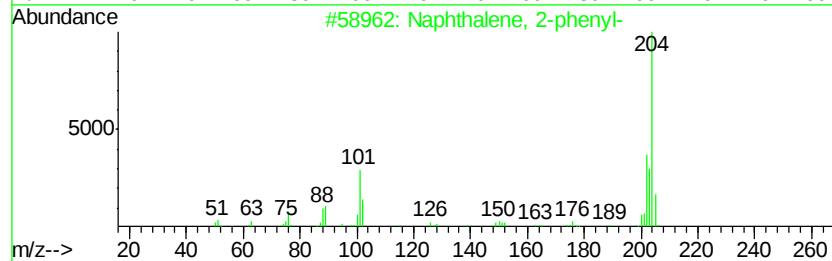
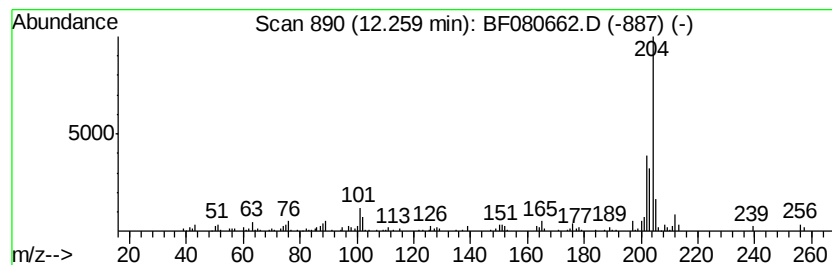
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	13.75 ng	356639	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	91
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
5		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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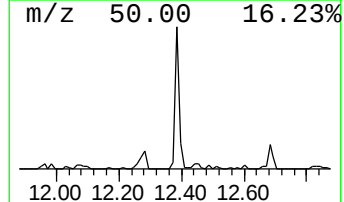
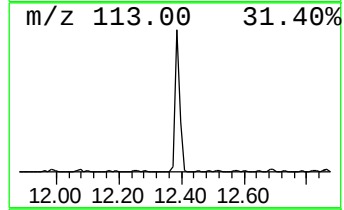
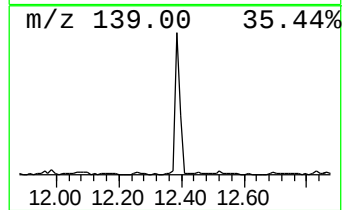
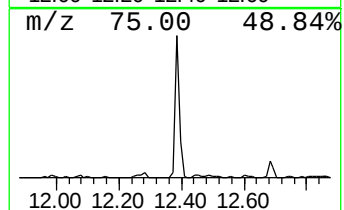
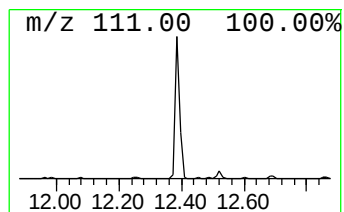
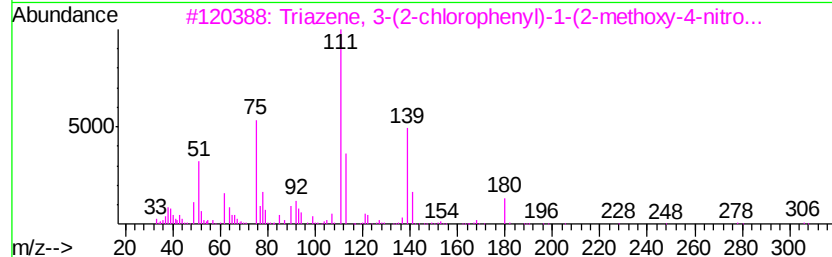
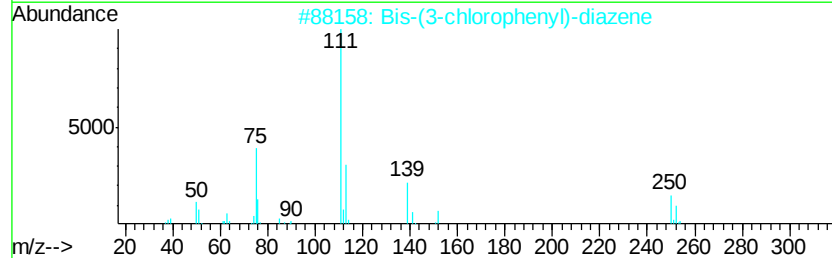
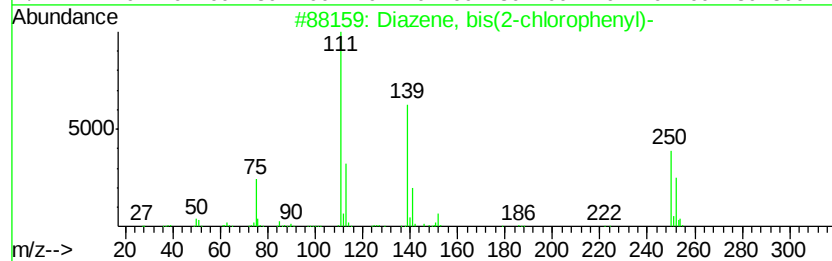
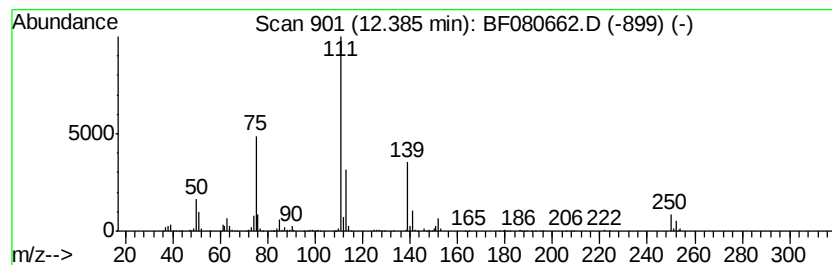
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Diazene, bis(2-chlorophenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	27.26 ng	707356	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diazene, bis(2-chlorophenyl)-	250	C12H8Cl2N2	007334-33-0	97
2		Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	93
3		Triazene, 3-(2-chlorophenyl)-1-(...	306	C13H11ClN4O3	1000293-97-7	78
4		Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	76
5		Triazene, 1-methyl-1-cyanomethyl...	208	C9H9ClN4	1000274-66-0	53



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Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
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Sample : G3070-01
Misc :
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ClientSampleId :
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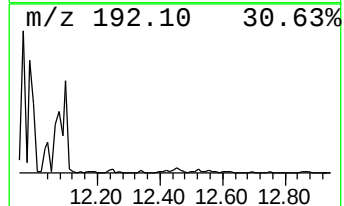
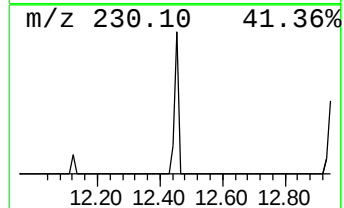
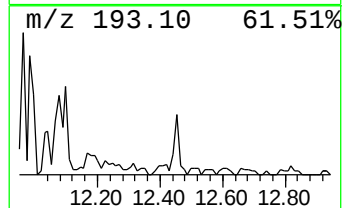
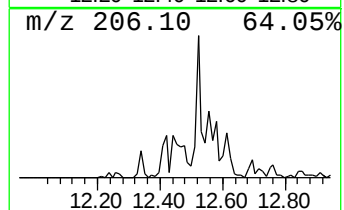
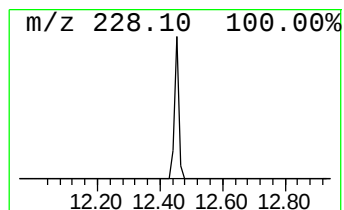
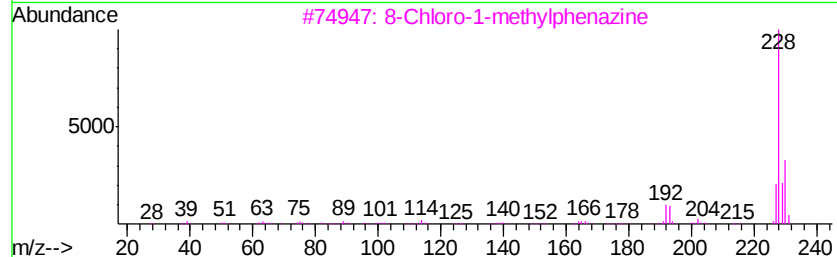
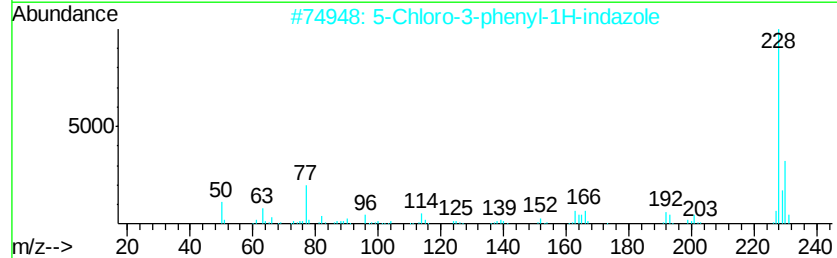
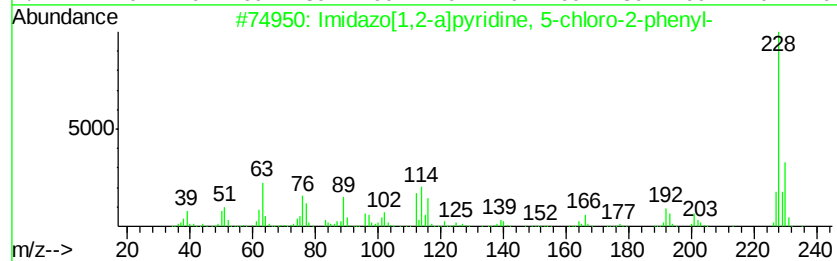
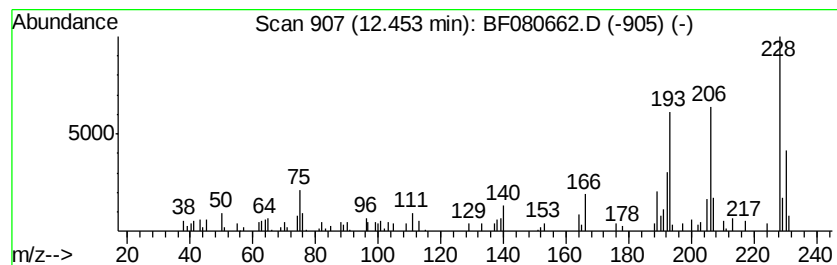
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.45 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.30 ng	137554	Phenanthrene-d10	11.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Imidazo[1,2-a]pyridine, 5-chloro...	228	C13H9ClN2	1000262-63-4	38
2			5-Chloro-3-phenyl-1H-indazole	228	C13H9ClN2	013097-03-5	38
3			8-Chloro-1-methylphenazine	228	C13H9ClN2	029453-82-5	38
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	25
5			Benz[a]anthracene	228	C18H12	000056-55-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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ClientSampleID :
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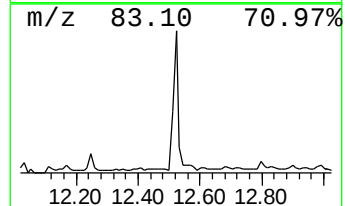
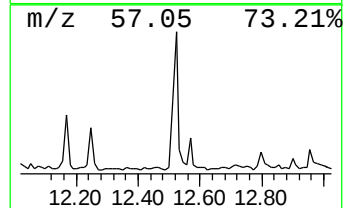
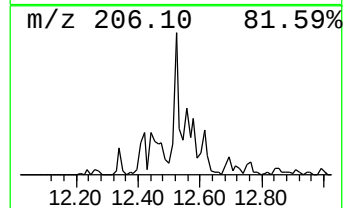
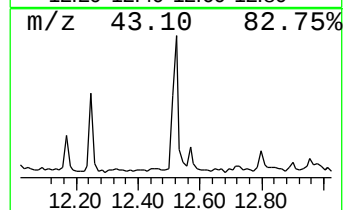
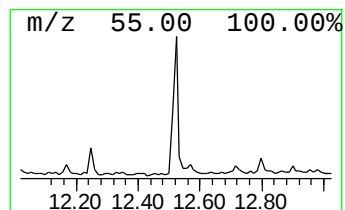
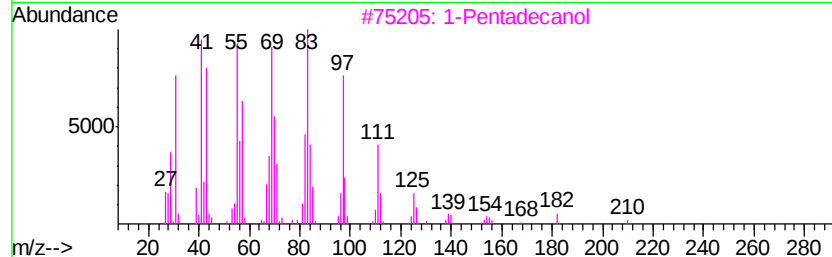
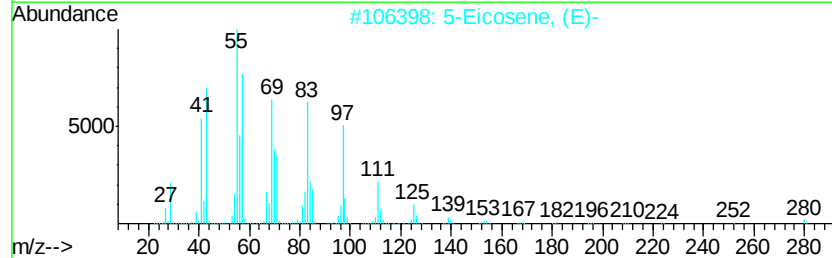
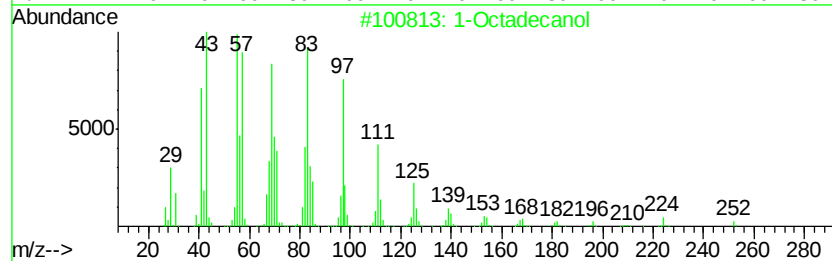
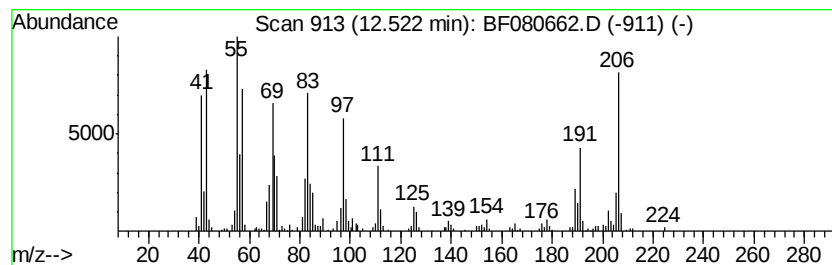
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Octadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	16.47 ng	427207	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanol	270	C18H38O	000112-92-5	64
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	50
3		1-Pentadecanol	228	C15H32O	000629-76-5	50
4		1-Heptadecene	238	C17H34	006765-39-5	50
5		1-Octadecene	252	C18H36	000112-88-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
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Misc :
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ClientSampleId :
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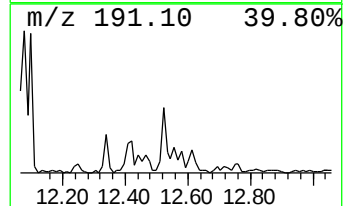
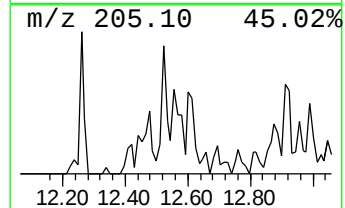
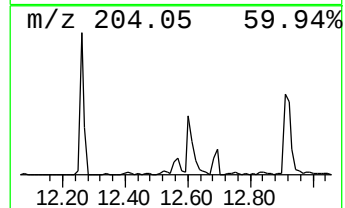
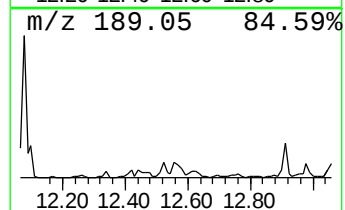
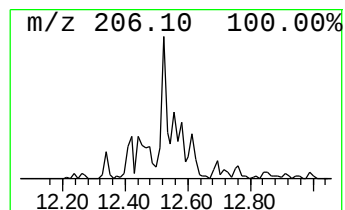
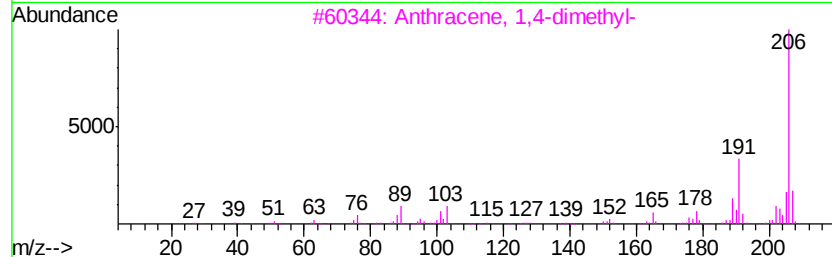
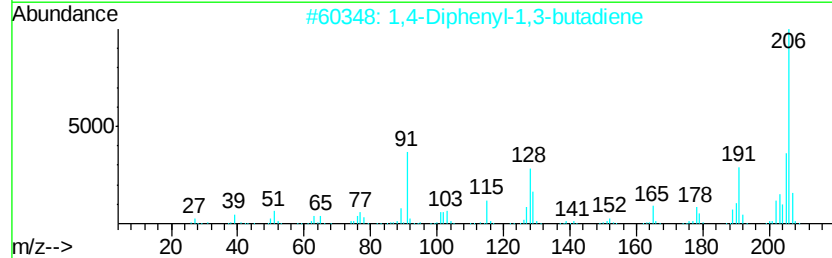
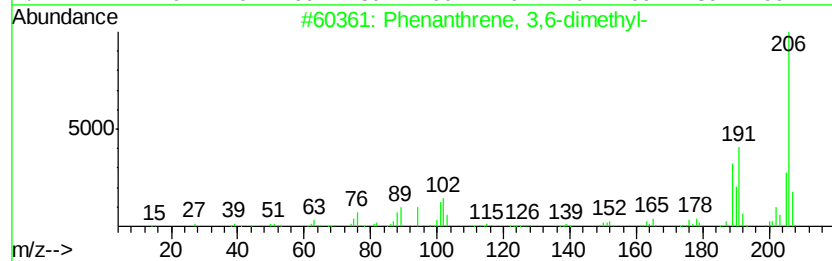
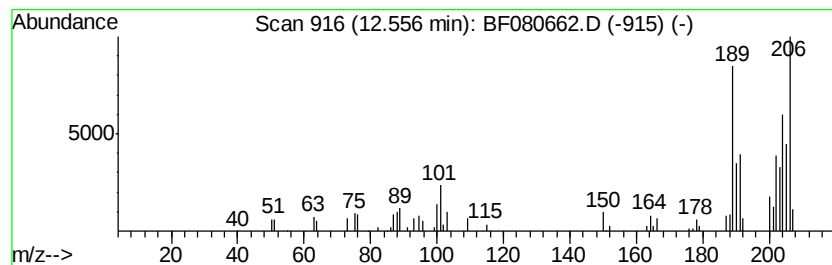
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.96 ng	128706	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	35
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	30
4		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	27
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
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Misc :
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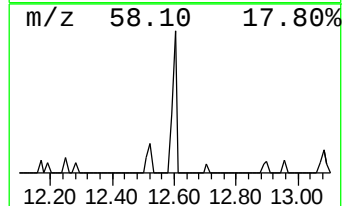
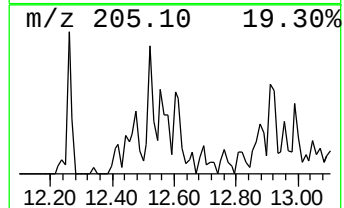
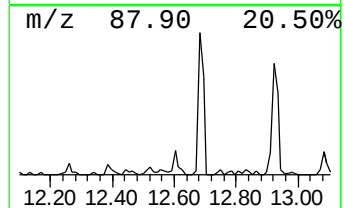
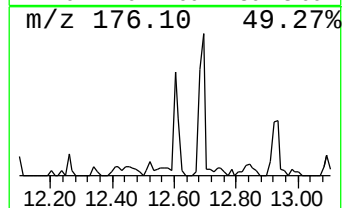
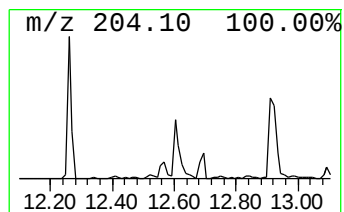
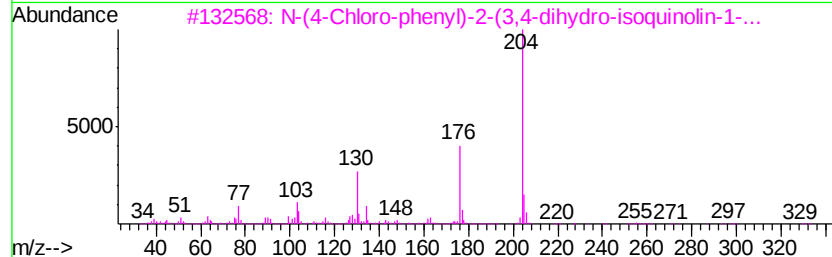
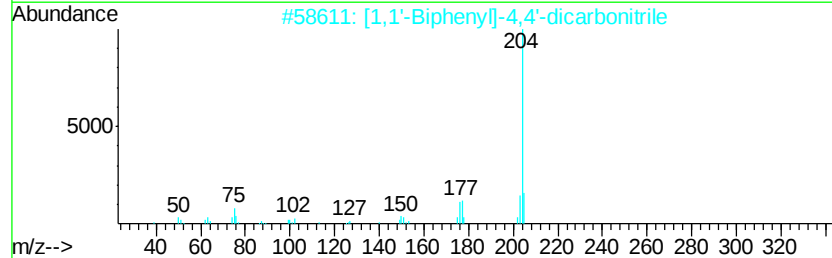
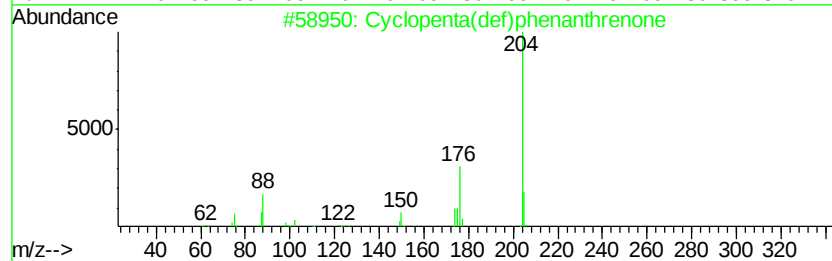
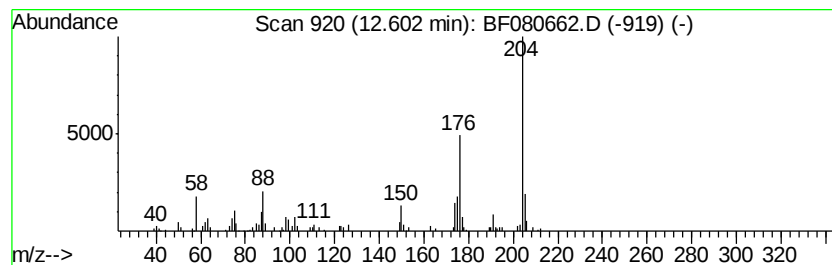
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.49 ng	116524	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	47
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
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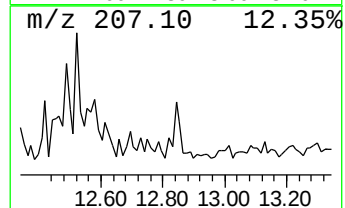
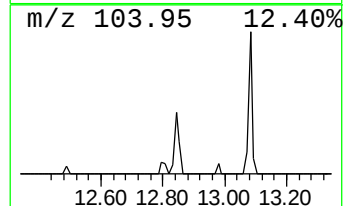
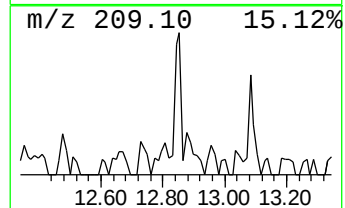
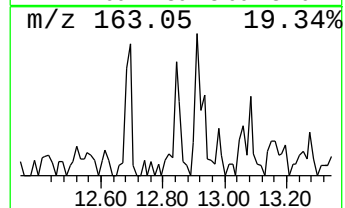
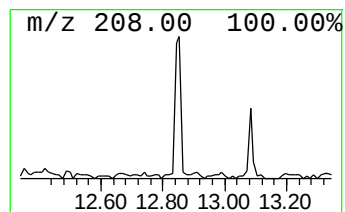
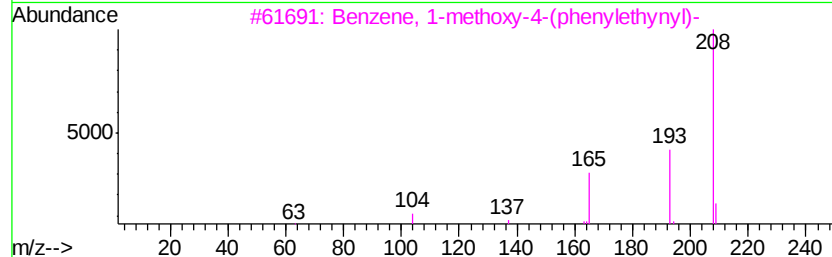
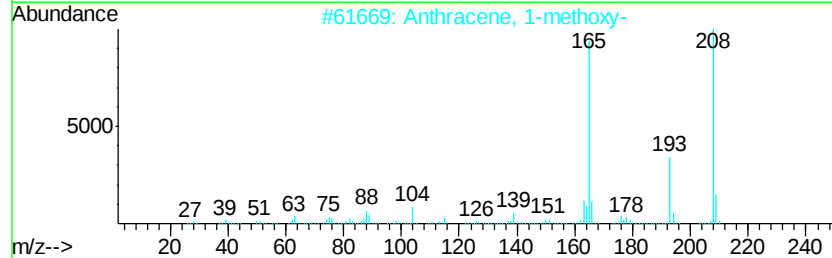
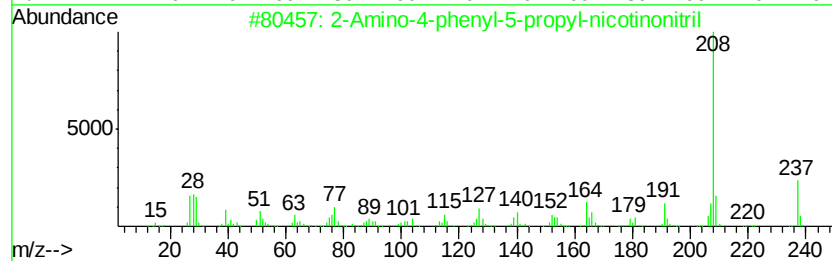
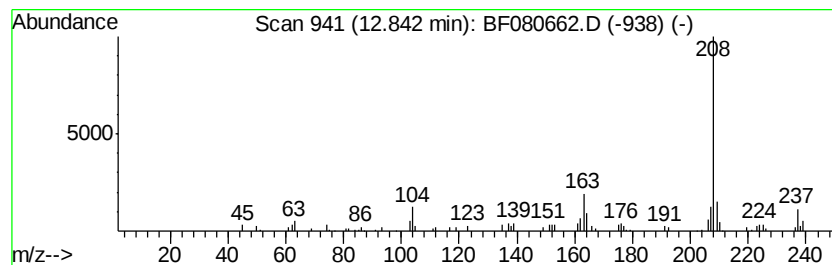
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Amino-4-phenyl-5-propyl-n... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	6.07 ng	157570	Phenanthrene-d10	11.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Amino-4-phenyl-5-propyl-nicoti...	237	C15H15N3	146353-90-4	59
2			Anthracene, 1-methoxy-	208	C15H12O	054458-84-3	59
3			Benzene, 1-methoxy-4-(phenylethy...	208	C15H12O	007380-78-1	53
4			4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	50
5			Thiourea, N-(1-methylpropyl)-N'-...	208	C11H16N2S	015093-37-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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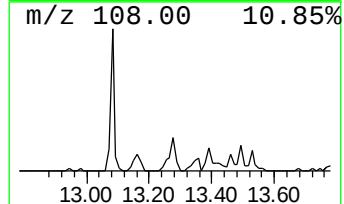
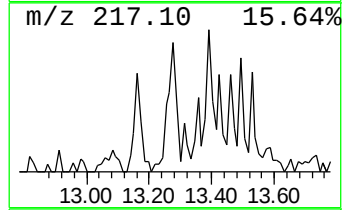
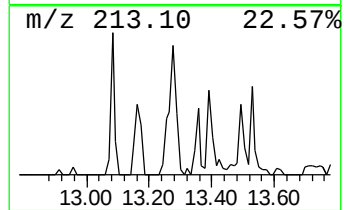
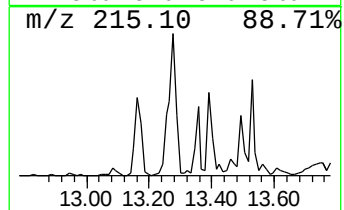
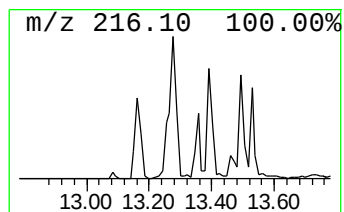
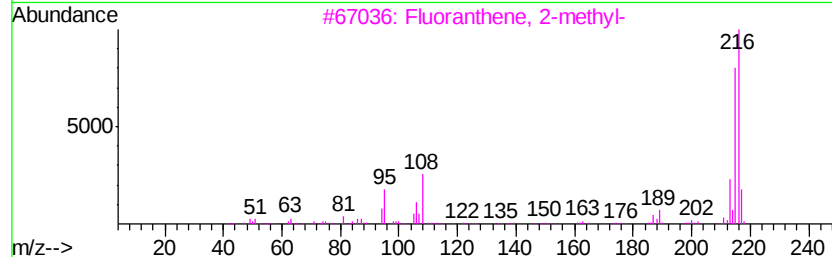
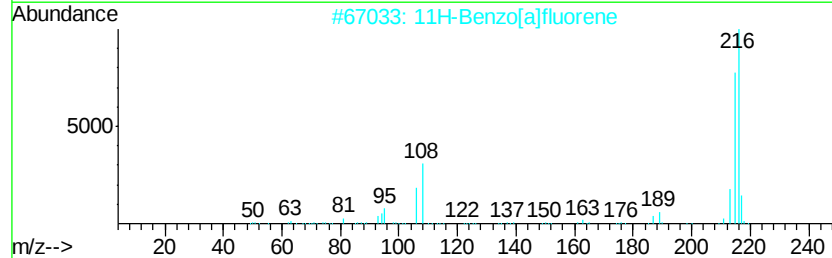
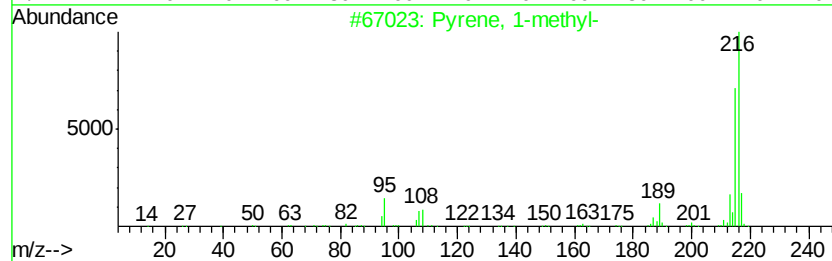
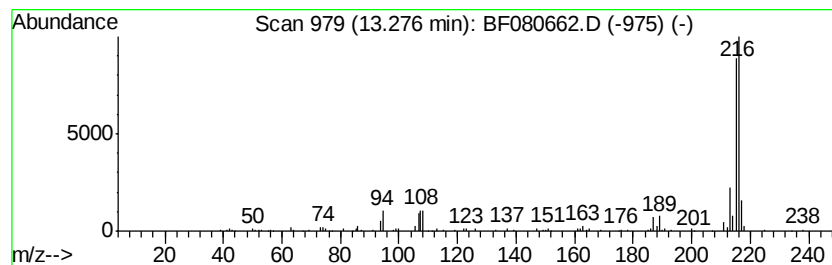
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.66 ng	255147	Chrysene-d12	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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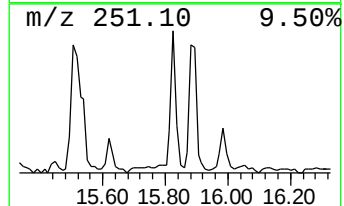
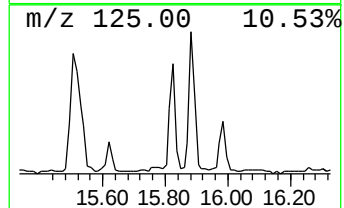
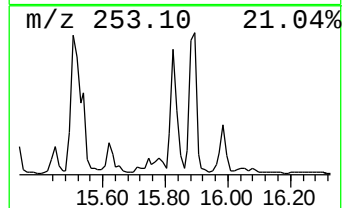
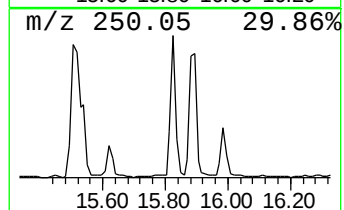
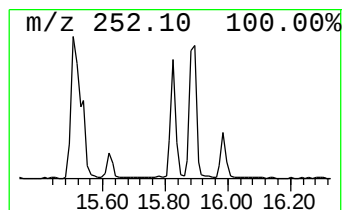
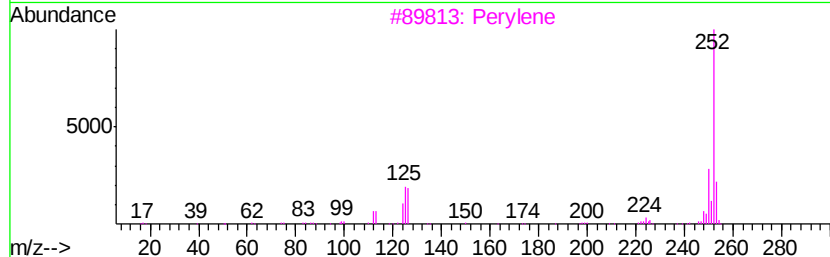
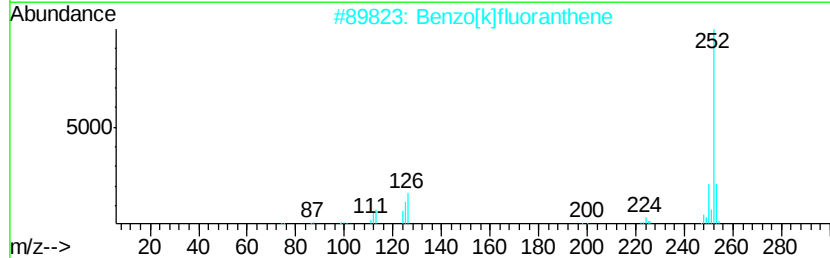
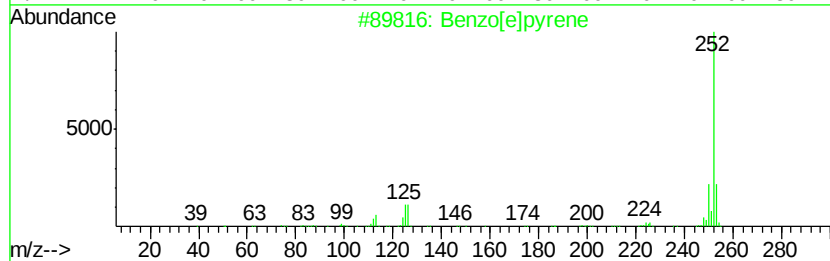
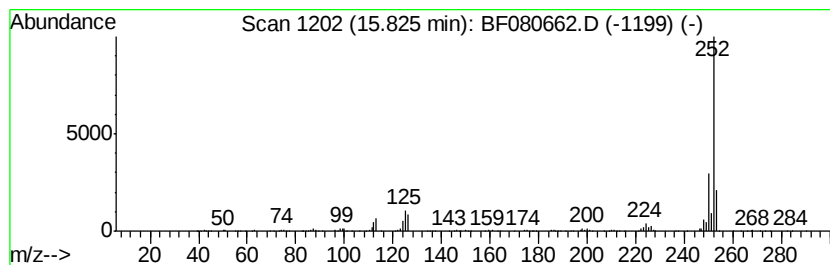
Instrument :
BNA_F
ClientSampleId :
SOIL-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	10.28 ng	486123	Perylene-d12	15.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	96
3	Perylene	252 C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	93
5	Benzo[a]pyrene	252 C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080662.D
Acq On : 25 Jul 2015 10:49
Operator : TP/UM
Sample : G3070-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-2

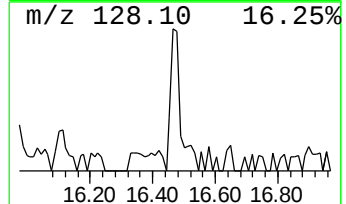
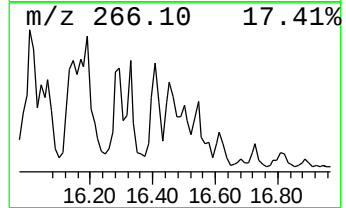
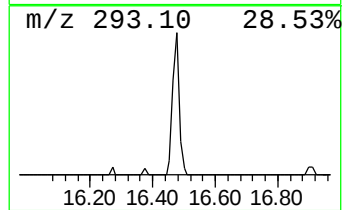
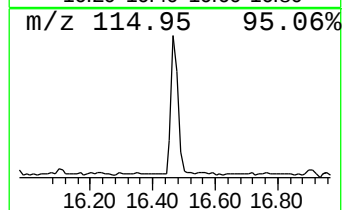
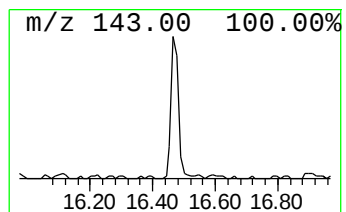
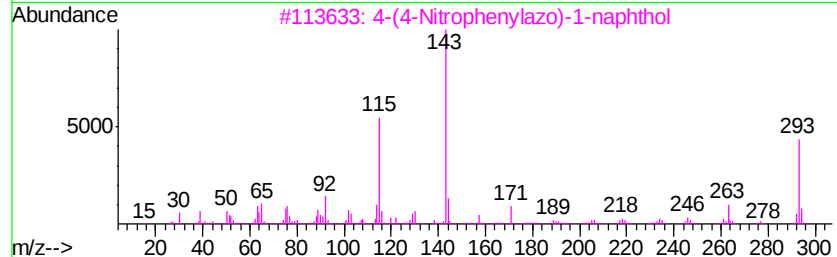
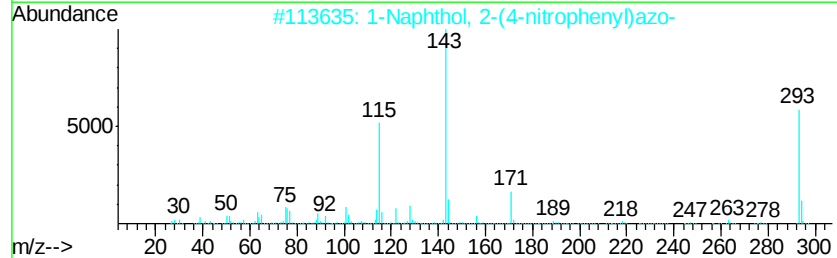
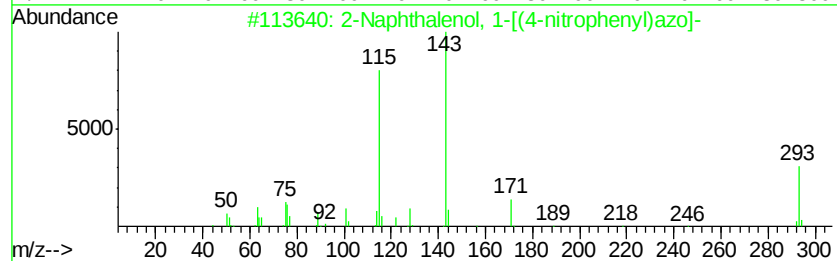
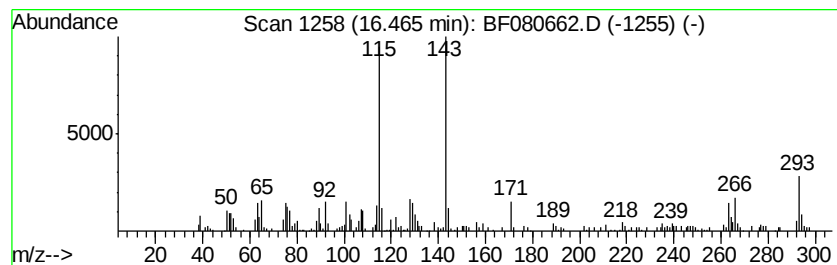
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Naphthalenol, 1-[(4-nitro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.73 ng	270908	Perylene-d12	15.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenol, 1-[(4-nitropheny...	293	C16H11N3O3	006410-10-2	96
2			1-Naphthol, 2-(4-nitrophenyl)azo-	293	C16H11N3O3	000607-27-2	91
3			4-(4-Nitrophenylazo)-1-naphthol	293	C16H11N3O3	005290-62-0	83
4			Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	70
5			2-Naphthalenamine	143	C10H9N	000091-59-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080662.D
 Acq On : 25 Jul 2015 10:49
 Operator : TP/UM
 Sample : G3070-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.09	5.09	39.6	ng	653166	1	6.93	329735	20.0
unknown6.69	6.69	104.7	ng	1725980	1	6.93	329735	20.0
Benzenethiol, 2,5...	9.01	14.3	ng	300289	2	8.21	419632	20.0
unknown10.65	10.65	5.3	ng	113013	3	9.97	430032	20.0
Anthracene, 1,2,3...	11.32	5.4	ng	139933	4	11.46	518928	20.0
Phenanthrene, 1-m...	11.96	8.8	ng	228509	4	11.46	518928	20.0
Phenanthrene, 2-m...	11.98	13.0	ng	337027	4	11.46	518928	20.0
4H-Cyclopenta[def...	12.08	17.6	ng	457607	4	11.46	518928	20.0
Naphthalene, 2-ph...	12.26	13.8	ng	356639	4	11.46	518928	20.0
Diazene, bis(2-ch...	12.38	27.3	ng	707356	4	11.46	518928	20.0
unknown12.45	12.45	5.3	ng	137554	4	11.46	518928	20.0
1-Octadecanol	12.52	16.5	ng	427207	4	11.46	518928	20.0
unknown12.56	12.56	5.0	ng	128706	4	11.46	518928	20.0
Cyclopenta(def)ph...	12.60	4.5	ng	116524	4	11.46	518928	20.0
2-Amino-4-phenyl-...	12.84	6.1	ng	157570	4	11.46	518928	20.0
Pyrene, 1-methyl-	13.28	4.7	ng	255147	5	14.27	1094700	20.0
Benzo[e]pyrene	15.83	10.3	ng	486123	6	15.95	946180	20.0
2-Naphthalenol, 1...	16.47	5.7	ng	270908	6	15.95	946180	20.0