

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080932.D
 Acq On : 7 Aug 2015 17:54
 Operator : TP/UM
 Sample : G3212-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-5

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-BF080715.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	4.967	249	252	255	rBV	696663	923563	58.39%	3.268%
2	5.059	257	260	262	rVB	195864	215435	13.62%	0.762%
3	5.241	274	276	278	rBV	30397	41038	2.59%	0.145%
4	5.390	284	289	292	rBV	1139321	1341296	84.80%	4.746%
5	5.630	308	310	312	rVB	46821	45189	2.86%	0.160%
6	6.247	362	364	368	rBV2	36715	71395	4.51%	0.253%
7	6.327	368	371	372	rVV2	44121	64314	4.07%	0.228%
8	6.442	378	381	383	rVV	995226	1412839	89.32%	4.999%
9	6.567	390	392	395	rVB	1161968	1183734	74.84%	4.188%
10	6.636	395	398	400	rBV	155928	175539	11.10%	0.621%
11	6.807	411	413	417	rBV	431778	439691	27.80%	1.556%
12	6.864	417	418	420	rVV	38488	31475	1.99%	0.111%
13	6.967	424	427	429	rVV	820248	990090	62.60%	3.503%
14	7.367	459	462	465	rVV	831924	796707	50.37%	2.819%
15	7.665	487	488	490	rBV	59686	73993	4.68%	0.262%
16	7.745	492	495	500	rVV	29848	57367	3.63%	0.203%
17	8.030	519	520	523	rVB	151873	130059	8.22%	0.460%
18	8.087	523	525	528	rBV	476800	463739	29.32%	1.641%
19	8.259	538	540	542	rBV	37283	42250	2.67%	0.149%
20	8.522	561	563	566	rVB	50944	44768	2.83%	0.158%
21	8.602	568	570	572	rBV	74246	98519	6.23%	0.349%
22	8.888	593	595	601	rBV	352394	344768	21.80%	1.220%
23	9.173	617	620	622	rBV	1290505	1472032	93.07%	5.209%
24	9.459	643	645	647	rVB	40637	31868	2.01%	0.113%
25	9.505	647	649	650	rVB	71818	56380	3.56%	0.199%
26	9.562	652	654	657	rBV	460557	388969	24.59%	1.376%
27	9.665	661	663	665	rVB	103991	94044	5.95%	0.333%
28	9.848	676	679	680	rVV	401775	505867	31.98%	1.790%
29	10.053	695	697	699	rBV	60294	72666	4.59%	0.257%
30	10.145	699	705	708	rVV2	20704	66248	4.19%	0.234%
31	10.202	708	710	713	rVV	43059	41059	2.60%	0.145%
32	10.282	716	717	719	rVB	44602	32544	2.06%	0.115%
33	10.385	722	726	729	rVB2	50295	67923	4.29%	0.240%
34	10.476	731	734	739	rBV	149340	223218	14.11%	0.790%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.625	745	747	749	rBV	916073	993277	62.80%	3.515%
36	10.659	749	750	753	rVB2	29505	37623	2.38%	0.133%
37	10.751	756	758	763	rVB	57727	80288	5.08%	0.284%
38	11.071	784	786	787	rBV	19574	30989	1.96%	0.110%
39	11.105	787	789	793	rVB2	24659	47066	2.98%	0.167%
40	11.196	795	797	798	rVV	74501	73446	4.64%	0.260%
41	11.219	798	799	803	rVB2	28636	48079	3.04%	0.170%
42	11.322	806	808	809	rBV	668739	595040	37.62%	2.105%
43	11.391	812	814	816	rVB	71215	77973	4.93%	0.276%
44	11.619	833	834	836	rBV	32958	49762	3.15%	0.176%
45	11.825	846	852	853	rBV4	40858	77215	4.88%	0.273%
46	11.871	853	856	857	rBV2	257751	422533	26.71%	1.495%
47	11.928	860	861	866	rVB2	99660	188807	11.94%	0.668%
48	12.031	868	870	873	rVB	28803	31805	2.01%	0.113%
49	12.099	873	876	877	rBV2	34817	65560	4.14%	0.232%
50	12.248	886	889	891	rBV	706030	668514	42.27%	2.365%
51	12.305	891	894	896	rVV	114115	121976	7.71%	0.432%
52	12.339	896	897	899	rVV	104386	140062	8.86%	0.496%
53	12.374	899	900	902	rVV	34445	36332	2.30%	0.129%
54	12.419	902	904	906	rVV3	34051	58072	3.67%	0.205%
55	12.454	906	907	910	rVV	43112	44732	2.83%	0.158%
56	12.534	911	914	916	rVV	724546	689990	43.62%	2.441%
57	12.568	916	917	921	rVV4	68574	108679	6.87%	0.385%
58	12.671	922	926	930	rVV4	169402	378886	23.95%	1.341%
59	12.762	930	934	935	rVV2	429425	798629	50.49%	2.826%
60	12.808	935	938	941	rVB3	96950	174786	11.05%	0.618%
61	12.876	942	944	945	rVV	38989	42803	2.71%	0.151%
62	12.911	945	947	949	rVB	1534597	1505532	95.18%	5.327%
63	12.979	949	953	955	rBV2	30451	65680	4.15%	0.232%
64	13.025	955	957	959	rVV	323063	360644	22.80%	1.276%
65	13.082	959	962	966	rVB	105644	155473	9.83%	0.550%
66	13.151	966	968	970	rBV2	81925	96674	6.11%	0.342%
67	13.185	970	971	973	rVV	57263	56969	3.60%	0.202%
68	13.254	975	977	981	rBV	918500	918776	58.09%	3.251%
69	13.311	981	982	984	rVB2	59293	44647	2.82%	0.158%
70	13.345	984	985	987	rBV2	43770	38016	2.40%	0.135%
71	13.379	987	988	993	rVB2	60764	74862	4.73%	0.265%

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72	13.471	994	996	998	rBV	181713	190060	12.02%	0.672%
73	13.585	1003	1006	1009	rVV2	52911	122805	7.76%	0.435%
74	13.699	1013	1016	1017	rBV2	93828	130354	8.24%	0.461%
75	13.757	1017	1021	1023	rVV4	109677	222918	14.09%	0.789%
76	13.859	1027	1030	1032	rVV2	80765	225252	14.24%	0.797%
77	13.917	1032	1035	1036	rVV2	884061	1274934	80.61%	4.511%
78	13.951	1036	1038	1044	rVV3	745455	1581700	100.00%	5.597%
79	14.054	1045	1047	1049	rVV2	39578	52849	3.34%	0.187%
80	14.134	1052	1054	1055	rVV	39635	60324	3.81%	0.213%
81	14.168	1055	1057	1059	rVB3	39970	67648	4.28%	0.239%
82	14.282	1064	1067	1070	rBV2	63377	137360	8.68%	0.486%
83	14.328	1070	1071	1074	rVV2	143272	195610	12.37%	0.692%
84	14.431	1078	1080	1081	rBV	46574	42022	2.66%	0.149%
85	14.477	1081	1084	1086	rBV2	196794	214900	13.59%	0.760%
86	14.728	1103	1106	1107	rBV3	28472	52035	3.29%	0.184%
87	14.820	1112	1114	1117	rVB4	23007	44681	2.82%	0.158%
88	14.957	1123	1126	1131	rBV2	211552	537755	34.00%	1.903%
89	15.048	1131	1134	1137	rVB3	45978	92533	5.85%	0.327%
90	15.242	1148	1151	1153	rVB	110964	147103	9.30%	0.520%
91	15.300	1153	1156	1158	rVV	137887	178978	11.32%	0.633%
92	15.357	1158	1161	1169	rVV	349884	509802	32.23%	1.804%
93	15.482	1170	1172	1176	rVB4	36487	59438	3.76%	0.210%
94	15.814	1198	1201	1205	rBV2	176269	252603	15.97%	0.894%
95	16.008	1217	1218	1224	rVB4	21749	49779	3.15%	0.176%
96	16.420	1251	1254	1261	rVB6	19505	47482	3.00%	0.168%
97	16.557	1261	1266	1271	rBV5	13875	44270	2.80%	0.157%
98	16.705	1276	1279	1283	rVB2	66404	123433	7.80%	0.437%
99	17.105	1311	1314	1321	rVB	48481	104960	6.64%	0.371%
100	19.174	1489	1495	1502	rVB2	13876	57506	3.64%	0.203%

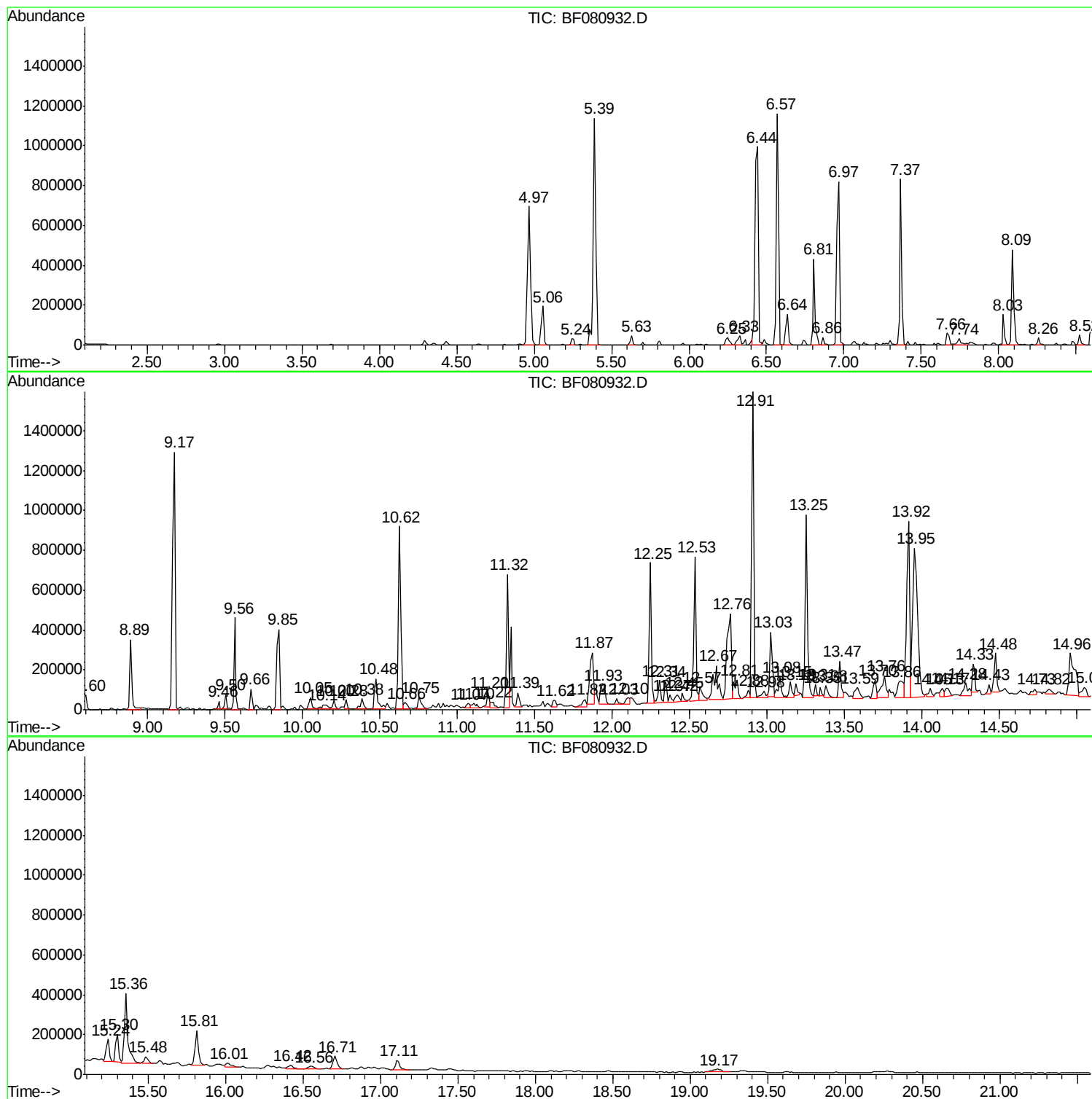
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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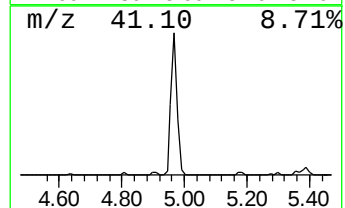
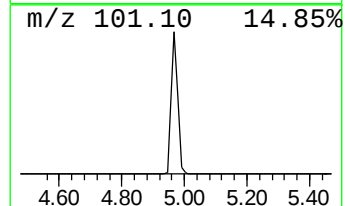
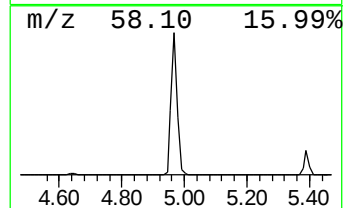
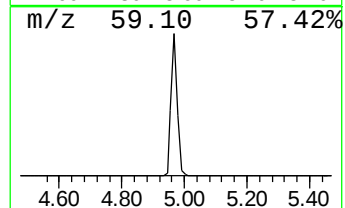
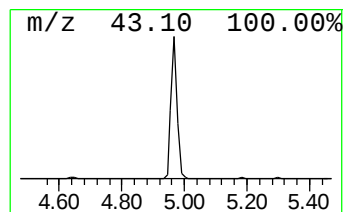
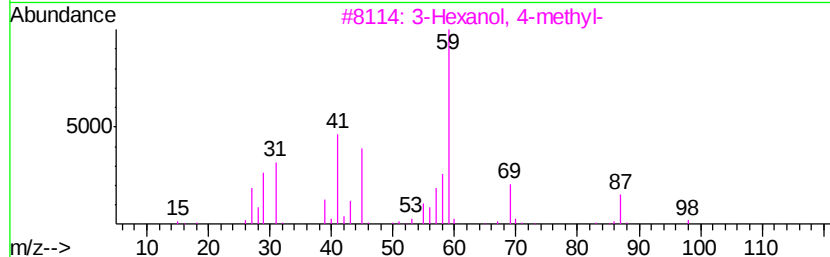
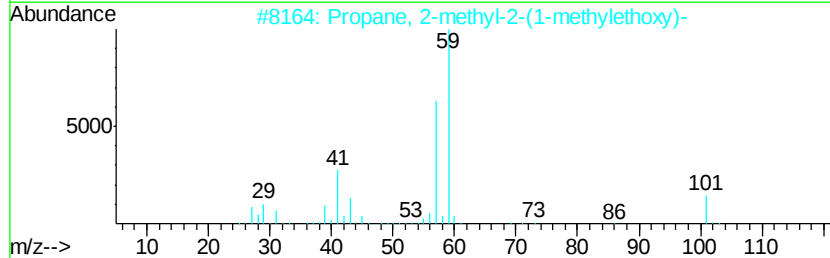
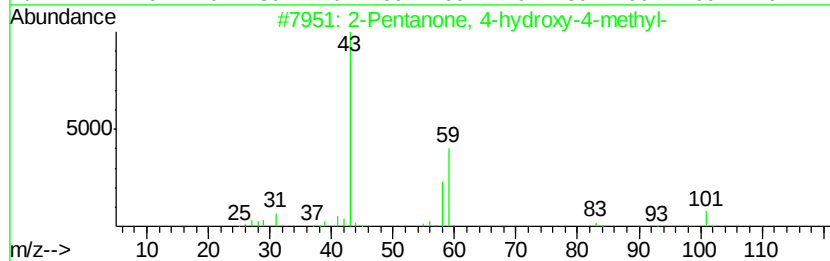
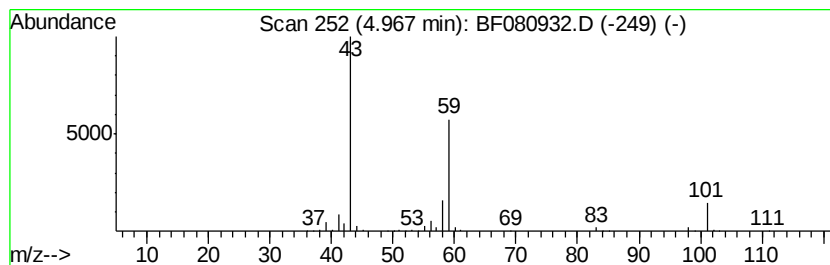
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	42.01 ng	923563	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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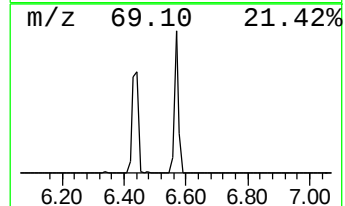
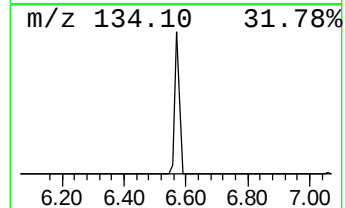
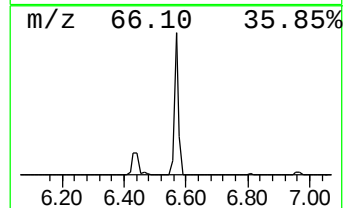
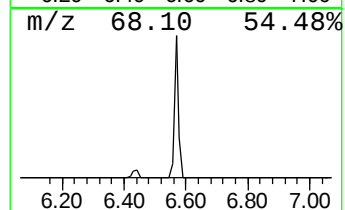
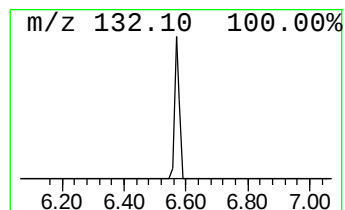
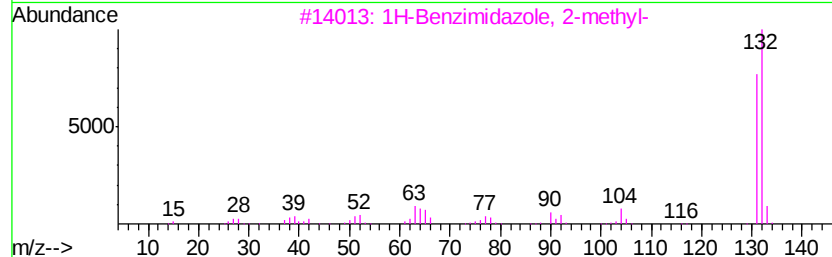
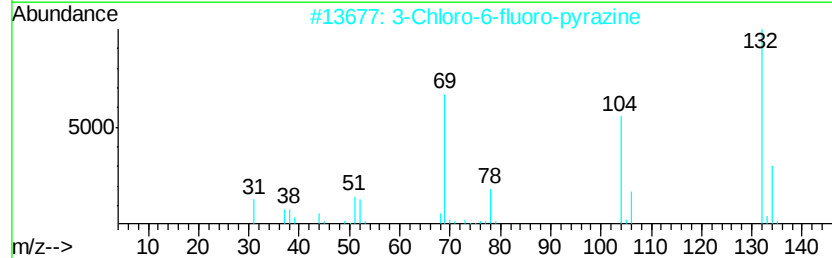
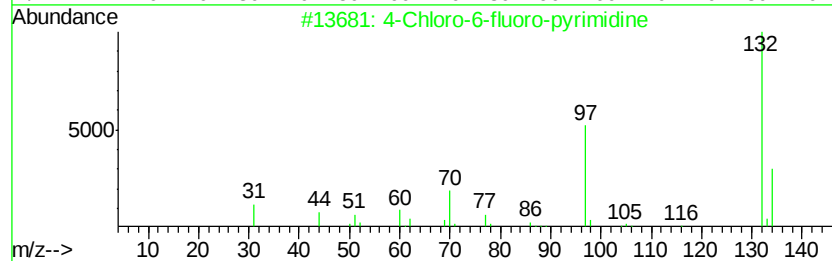
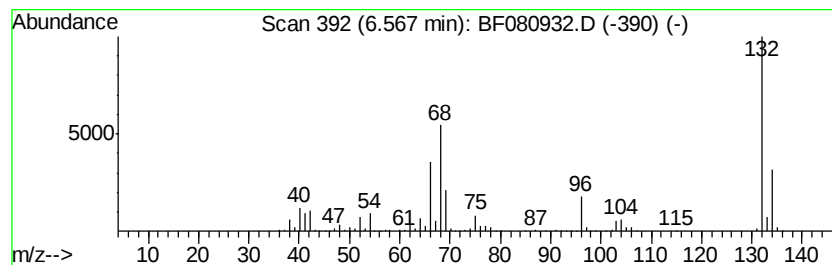
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	53.84 ng	1183730	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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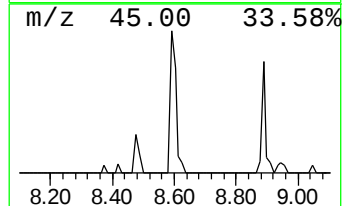
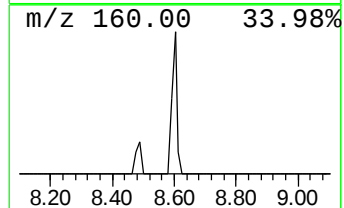
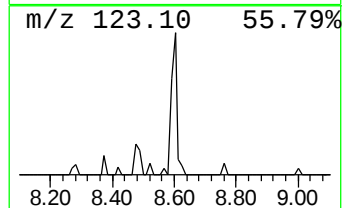
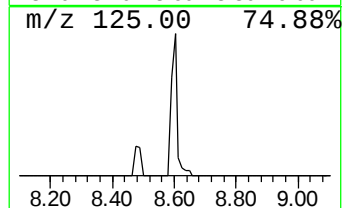
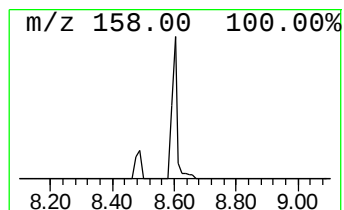
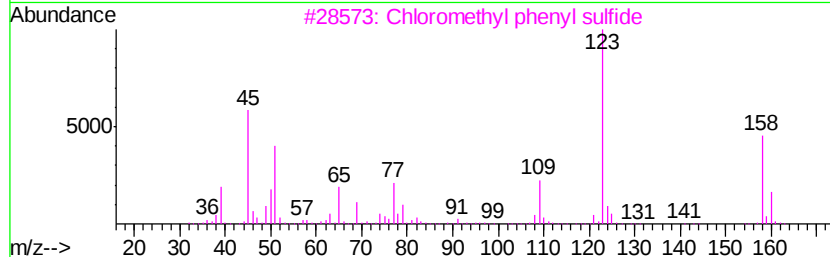
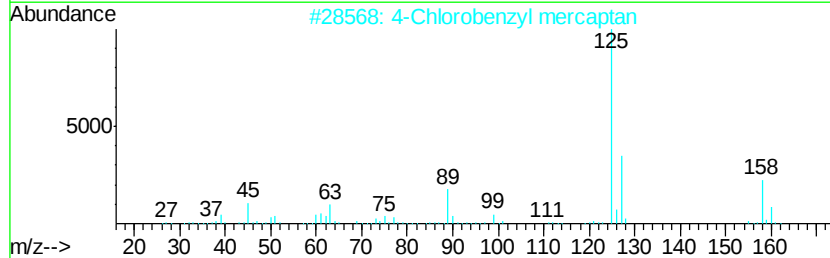
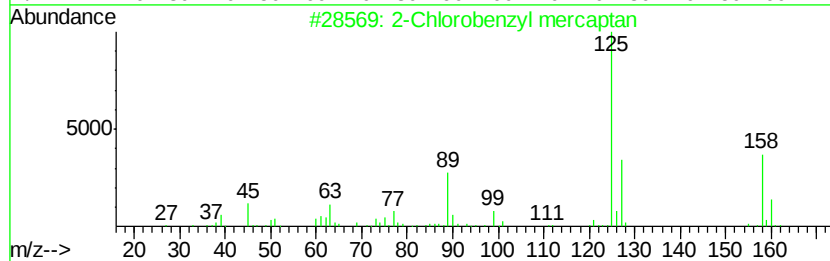
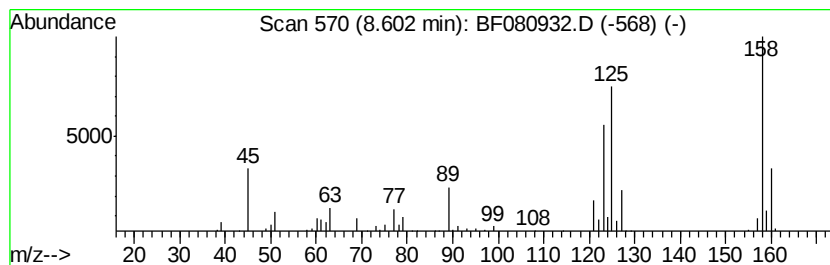
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TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Chlorobenzyl mercaptan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.60	4.25 ng	98519	Naphthalene-d8	8.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorobenzyl mercaptan	158	C7H7ClS	017733-22-1	93
2	4-Chlorobenzyl mercaptan	158	C7H7ClS	006258-66-8	64
3	Chloromethyl phenyl sulfide	158	C7H7ClS	007205-91-6	46
4	1H-Imidazole, 2-methyl-4-phenyl-	158	C10H10N2	013739-48-5	22
5	Phenol, 3-chloro-5-methoxy-	158	C7H7ClO2	065262-96-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
Operator : TP/UM
Sample : G3212-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-5

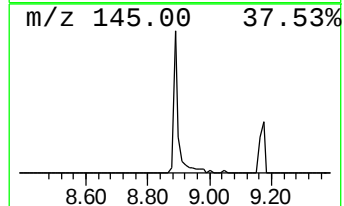
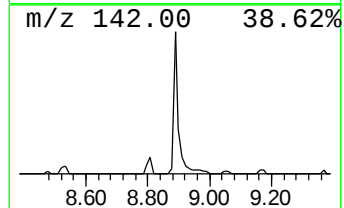
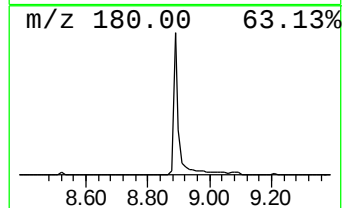
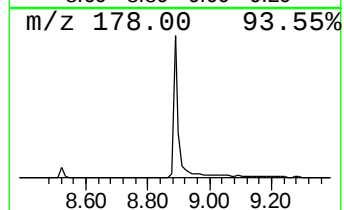
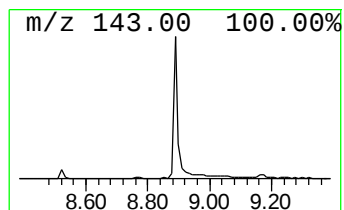
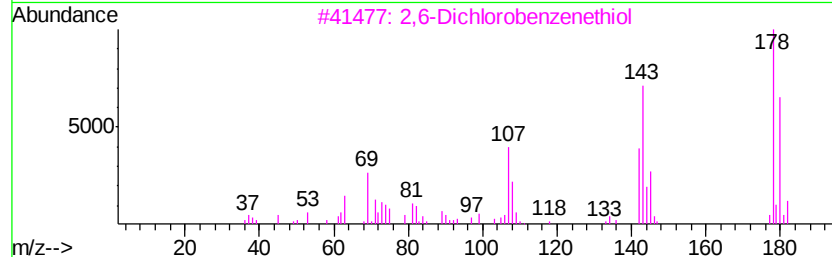
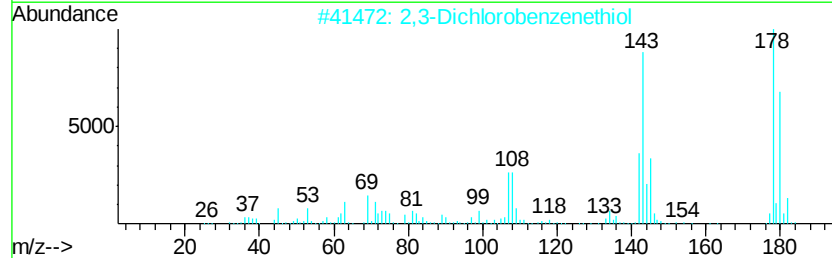
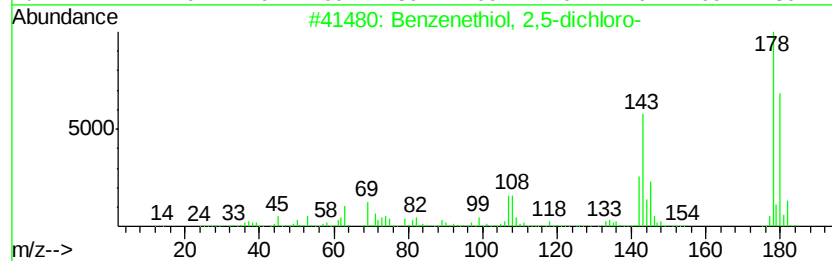
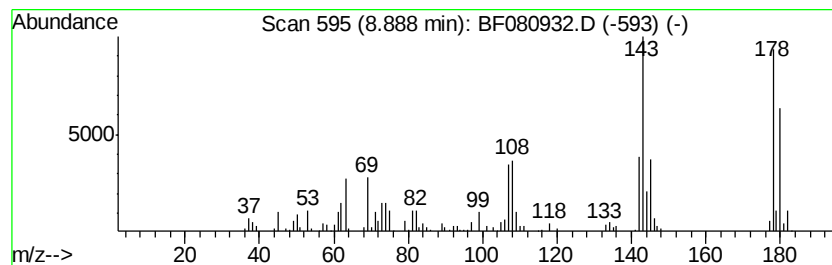
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenethiol, 2,5-dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	14.87 ng	344768	Naphthalene-d8	8.09

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
Operator : TP/UM
Sample : G3212-01
Misc :
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ClientSampleId :
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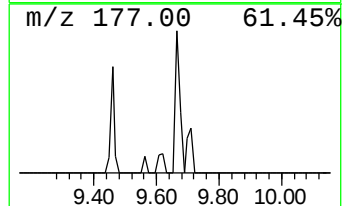
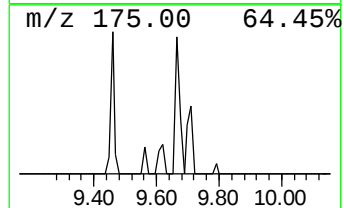
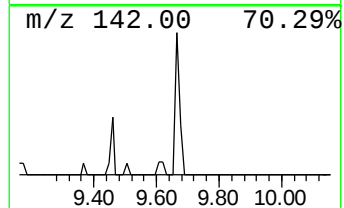
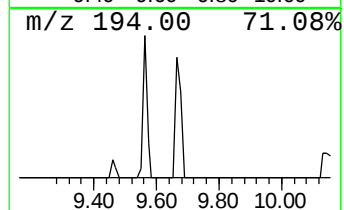
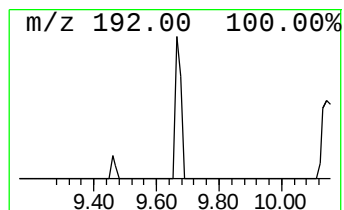
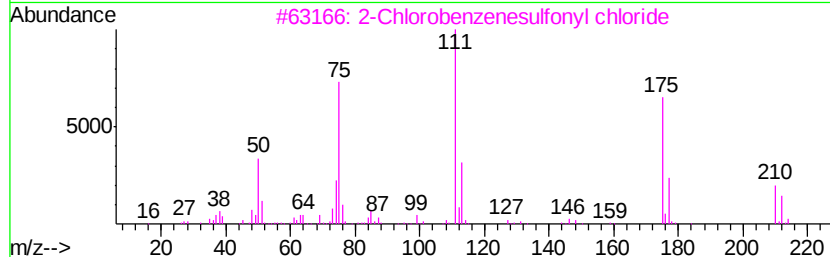
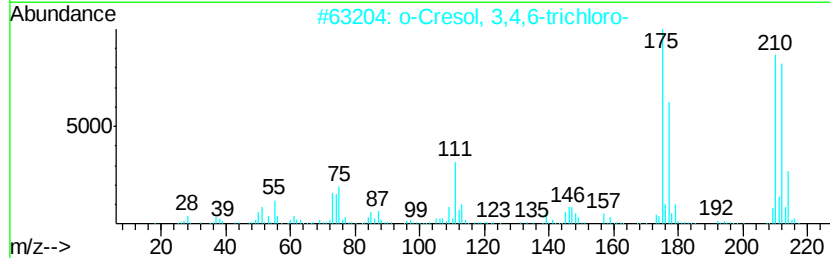
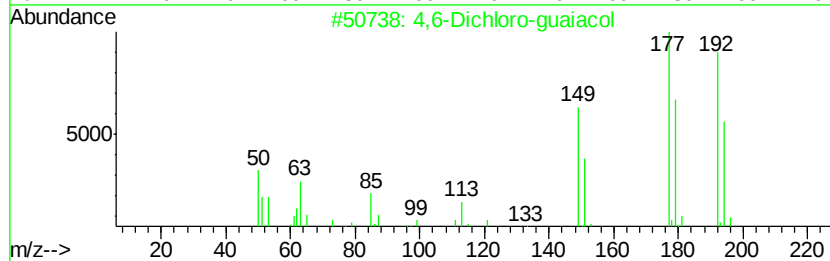
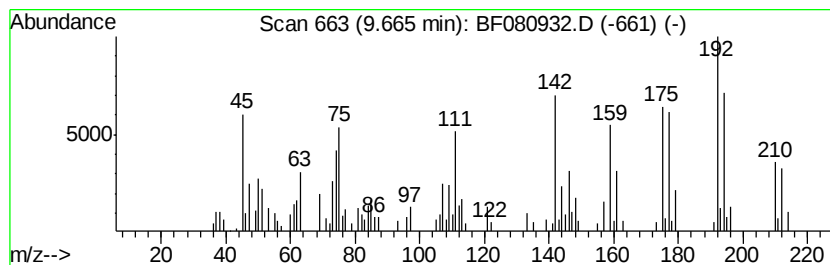
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.66 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	3.72 ng	94044	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6-Dichloro-quaiacol	192	C7H6Cl2O2	016766-31-7	43
2			o-Cresol, 3,4,6-trichloro-	210	C7H5Cl3O	000643-14-1	42
3			2-Chlorobenzenesulfonyl chloride	210	C6H4Cl2O2S	002905-23-9	38
4			3-Chlorobenzenesulfonyl chloride	210	C6H4Cl2O2S	002888-06-4	38
5			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
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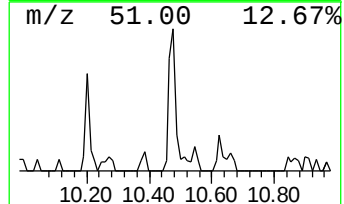
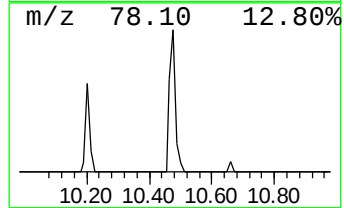
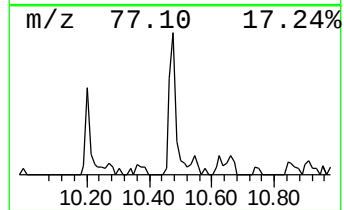
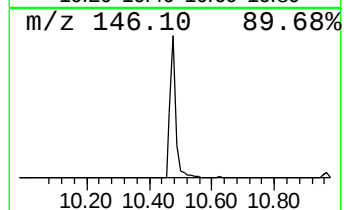
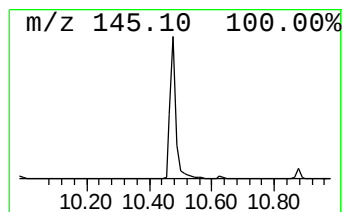
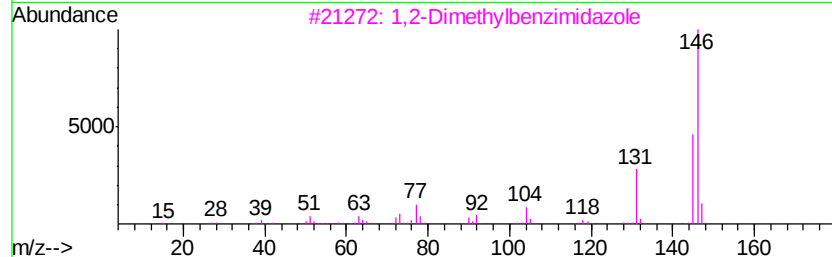
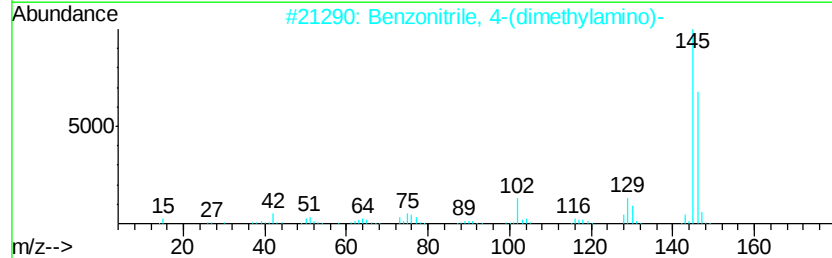
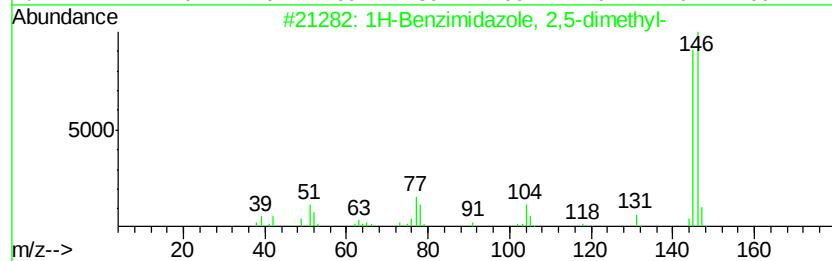
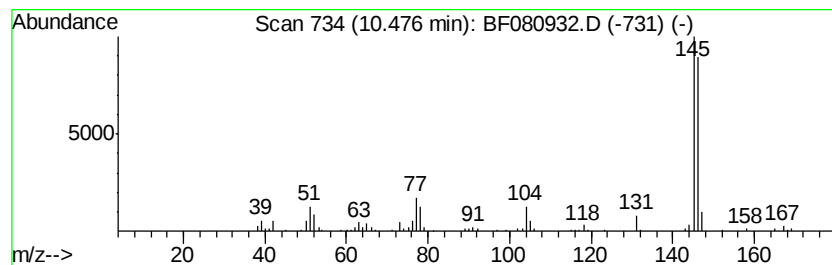
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Benzimidazole, 2,5-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	8.83 ng	223218	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	81
2		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64
3		1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	42
4		1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	40
5		Naphthalene, 1-fluoro-	146	C10H7F	000321-38-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
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Misc :
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Instrument :
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ClientSampleId :
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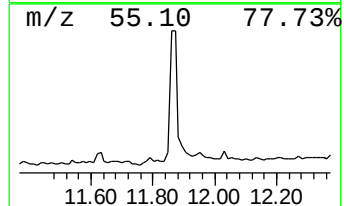
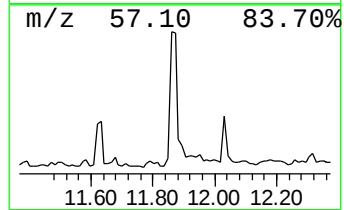
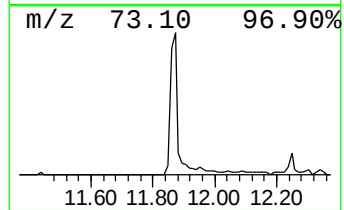
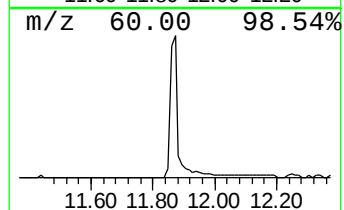
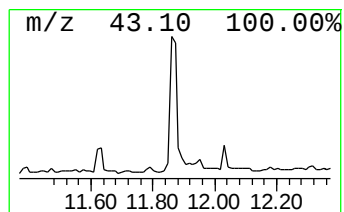
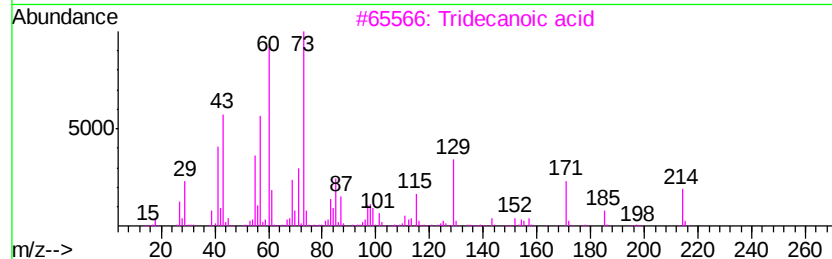
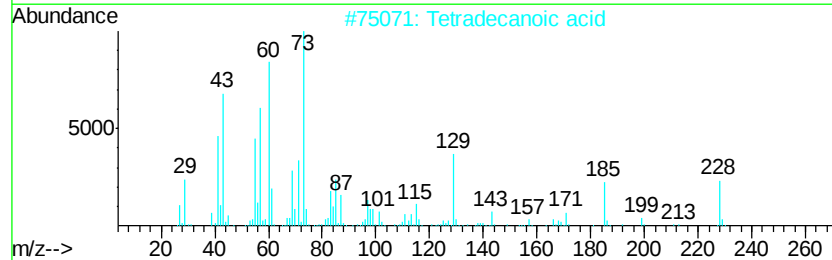
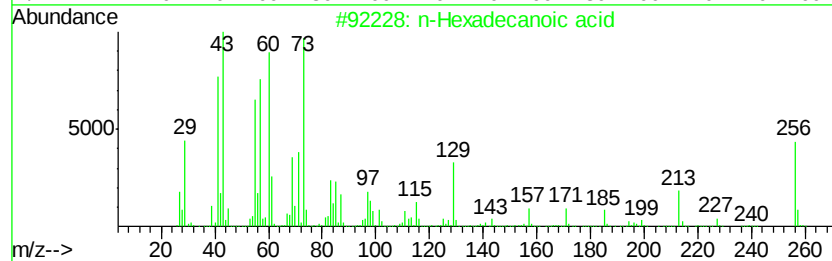
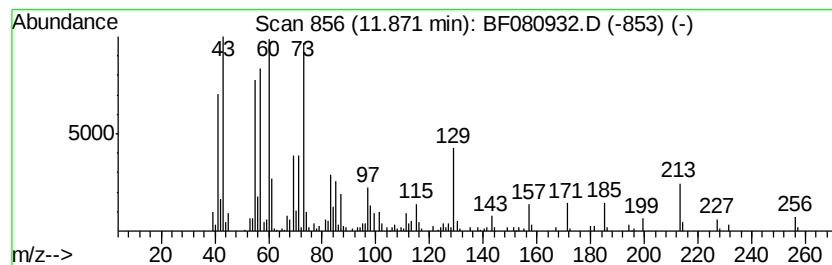
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	14.20 ng	422533	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		n-Decanoic acid	172	C10H20O2	000334-48-5	62
5		Tridecane	184	C13H28	000629-50-5	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
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Misc :
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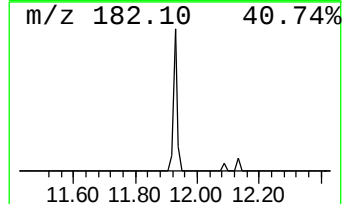
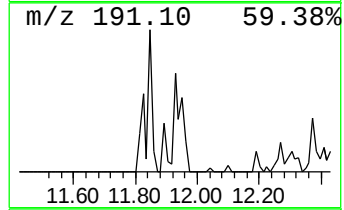
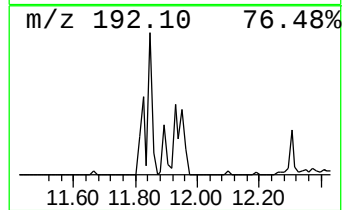
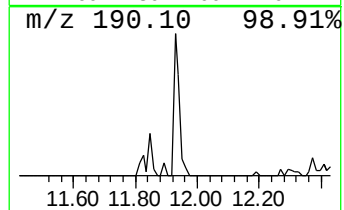
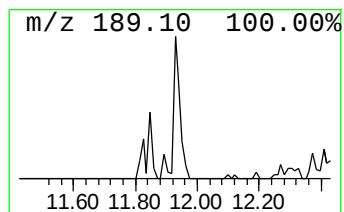
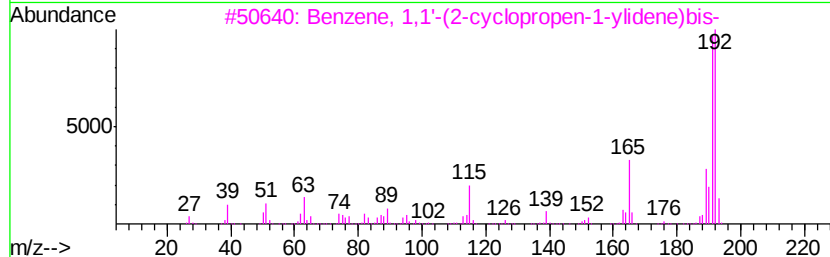
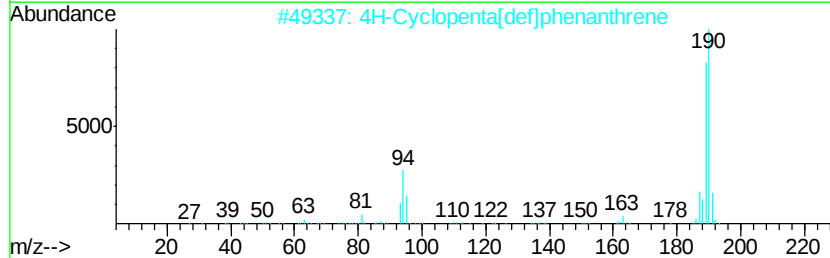
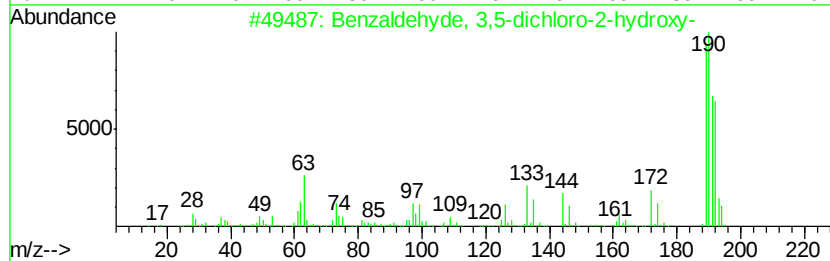
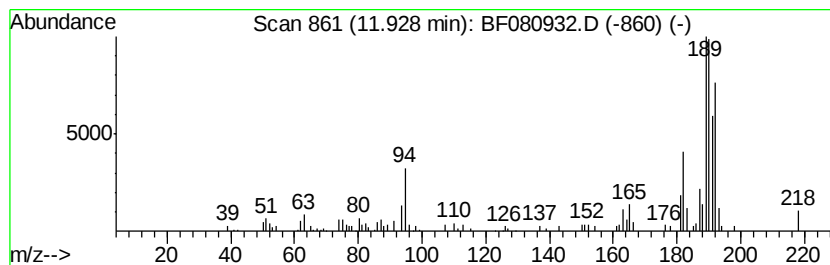
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.35 ng	188807	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3			Benzene, 1,1'-(2-cyclopropen-1-v...	192	C15H12	022825-21-4	25
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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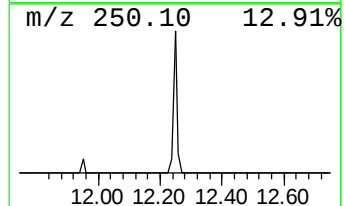
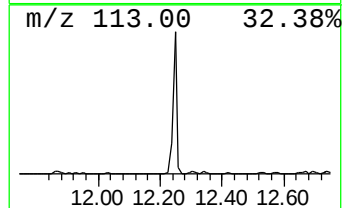
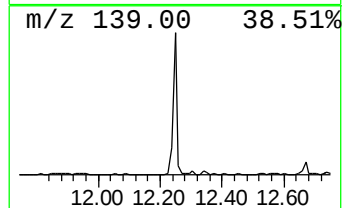
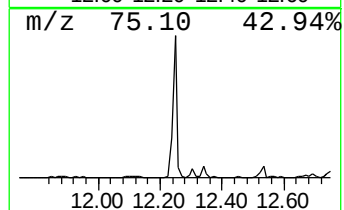
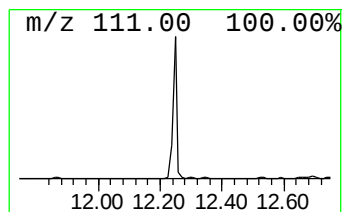
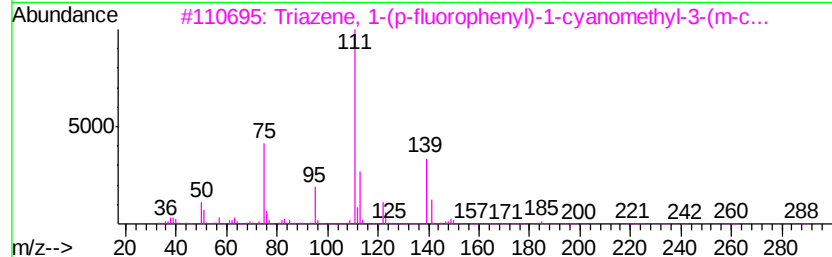
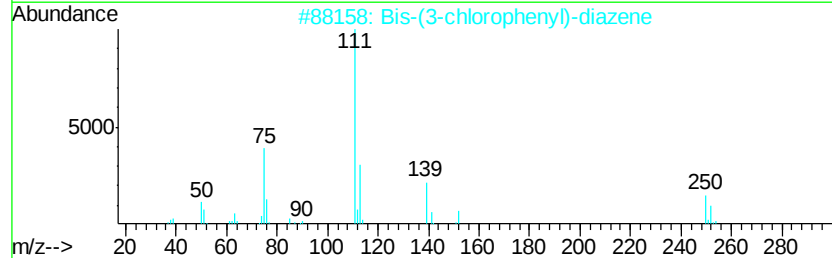
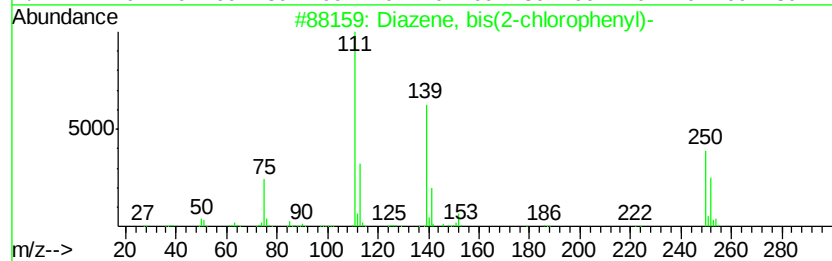
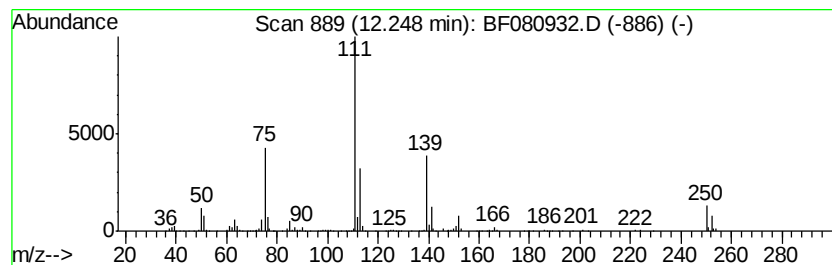
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	22.47 ng	668514	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, bis(2-chlorophenyl)-	250	C12H8Cl2N2	007334-33-0	96
2	Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	93
3	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	80
4	Triazene, 3-(2-chlorophenyl)-1-(...	306	C13H11ClN4O3	1000293-97-7	72
5	Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
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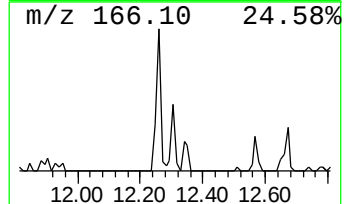
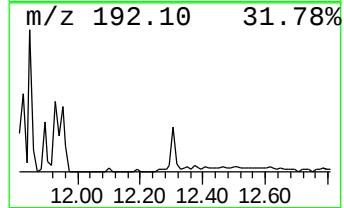
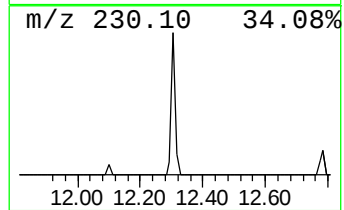
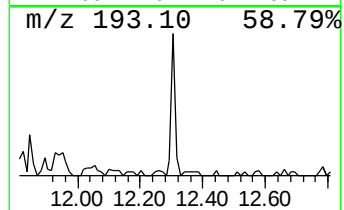
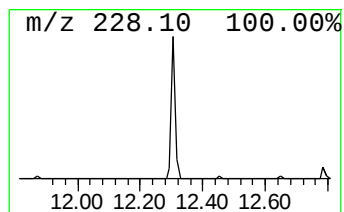
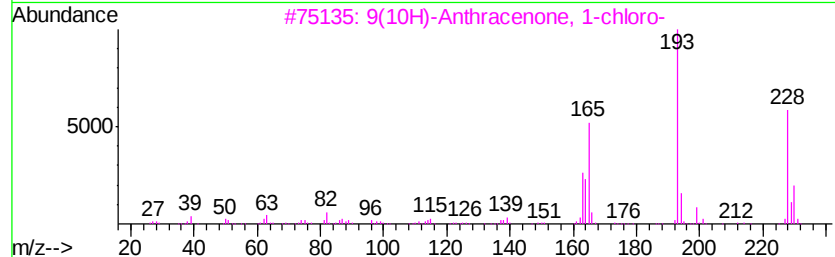
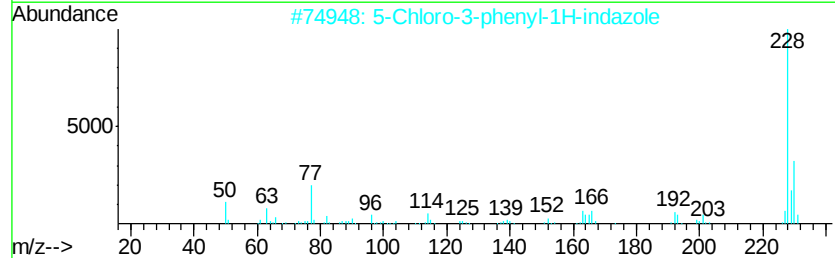
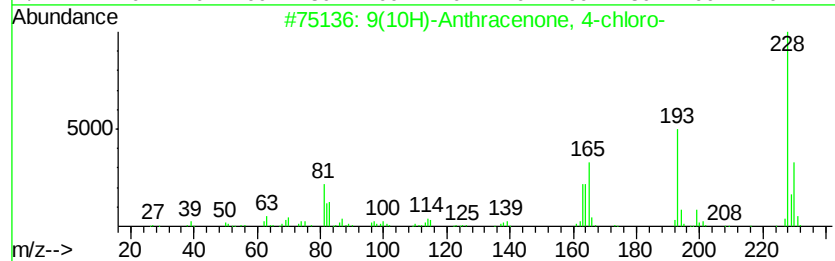
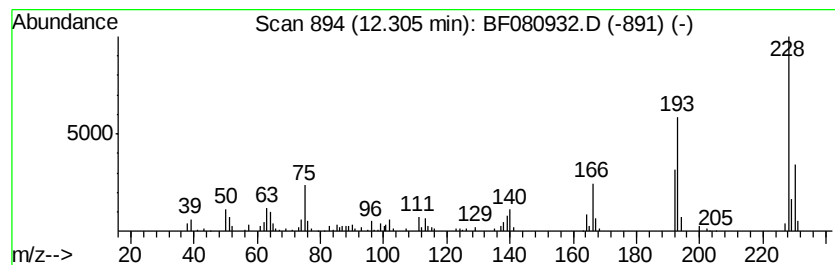
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	4.10 ng	121976	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9(10H)-Anthracenone, 4-chloro-	228	C14H9ClO	004888-02-2	49
2		5-Chloro-3-phenyl-1H-indazole	228	C13H9ClN2	013097-03-5	43
3		9(10H)-Anthracenone, 1-chloro-	228	C14H9ClO	004887-98-3	38
4		8-Chloro-1-methylphenazine	228	C13H9ClN2	029453-82-5	37
5		4-(2-Chloro-6-fluorophenyl)-1,3-...	228	C9H6ClFN2S	287197-07-3	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080932.D
Acq On : 7 Aug 2015 17:54
Operator : TP/UM
Sample : G3212-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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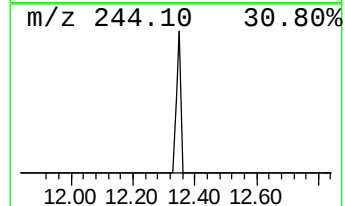
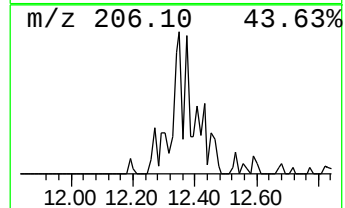
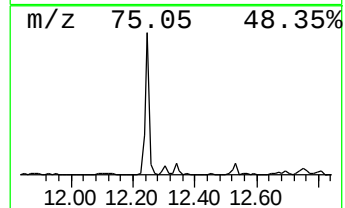
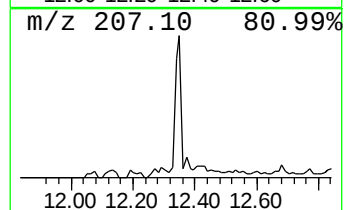
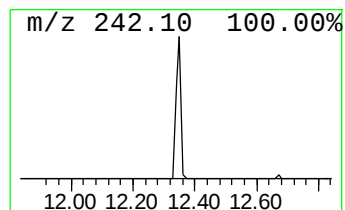
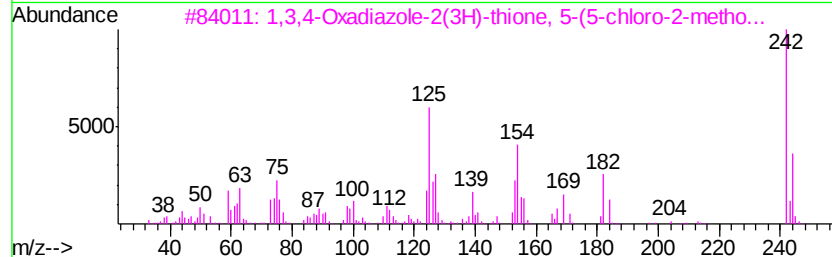
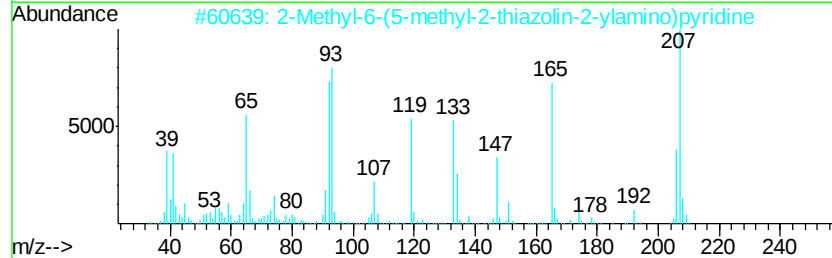
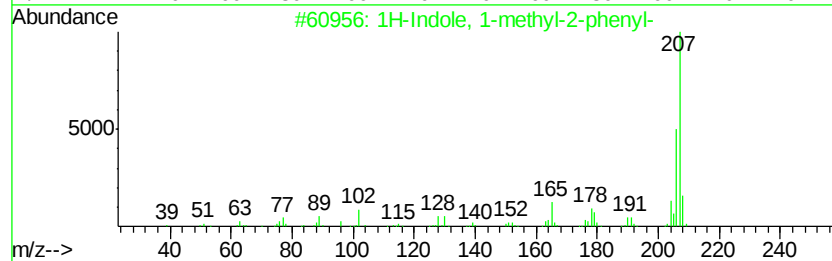
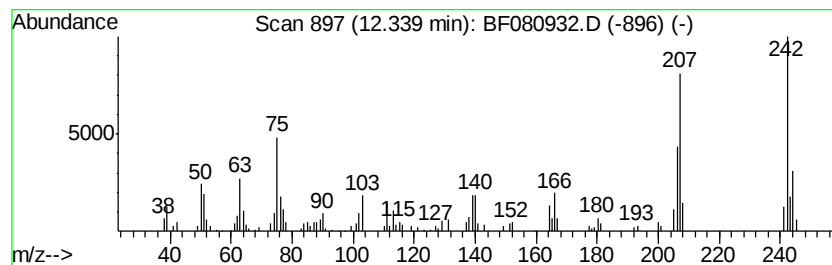
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.71 ng	140062	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	30
2		2-Methyl-6-(5-methyl-2-thiazolin...	207	C10H13N3S	339352-50-0	27
3		1,3,4-Oxadiazole-2(3H)-thione, 5...	242	C9H7ClN2O2S	313699-39-7	25
4		5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	22
5		6-Methyl-5-[1-piperidiny]-2,4-p...	207	C10H17N5	164589-37-1	22



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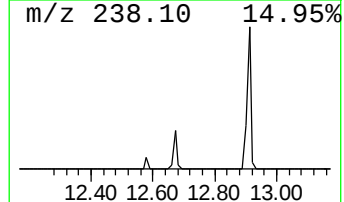
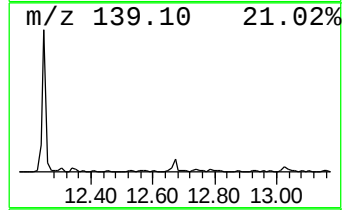
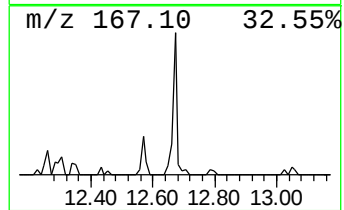
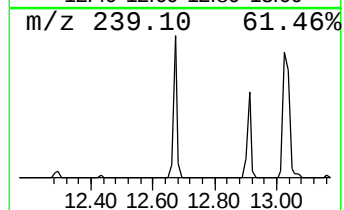
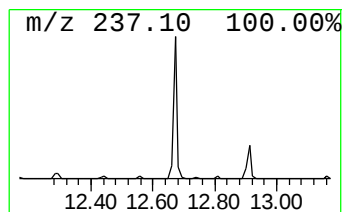
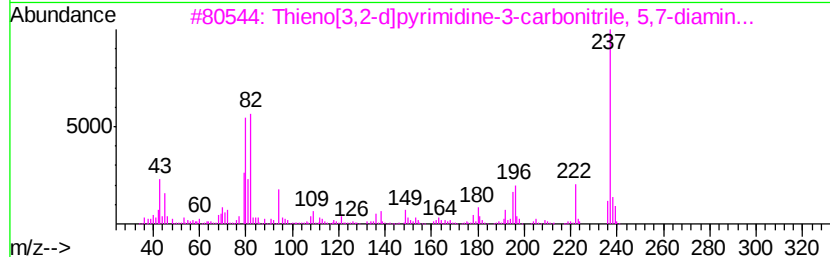
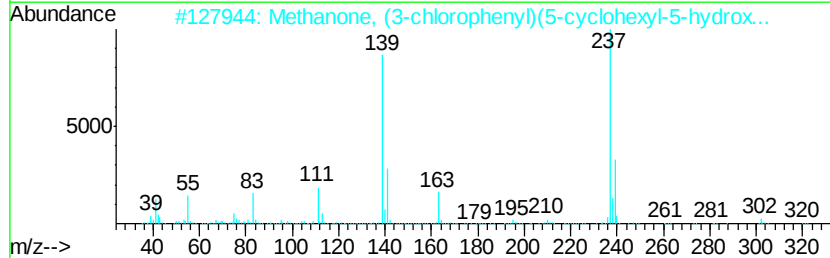
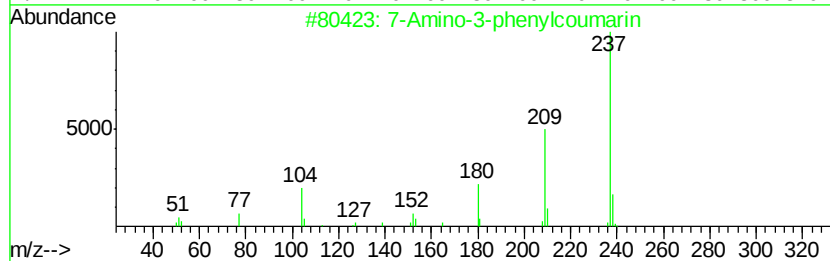
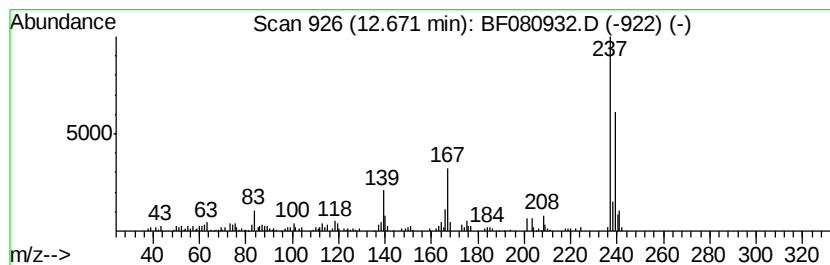
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.67 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.79 ng	378886	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	38
2		Methanone, (3-chlorophenyl)(5-cy...	320	C17H21ClN2O2	337497-71-9	37
3		Thieno[3,2-d]pyrimidine-3-carbon...	237	C8H7N5S2	171286-79-6	35
4		Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	35
5		Quinazolin-4(3H)-one, 1,2-dihydr...	318	C21H22N2O	1000272-46-8	35



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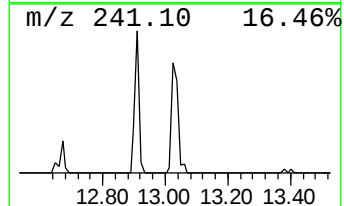
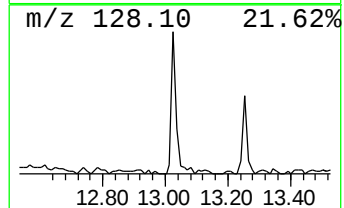
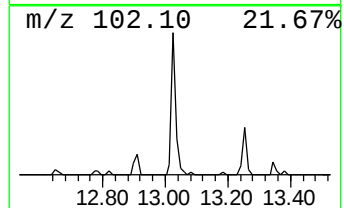
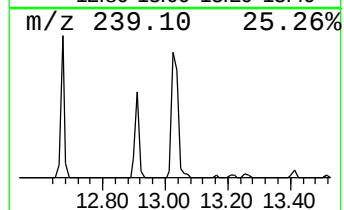
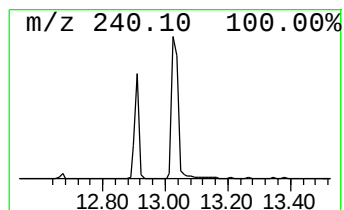
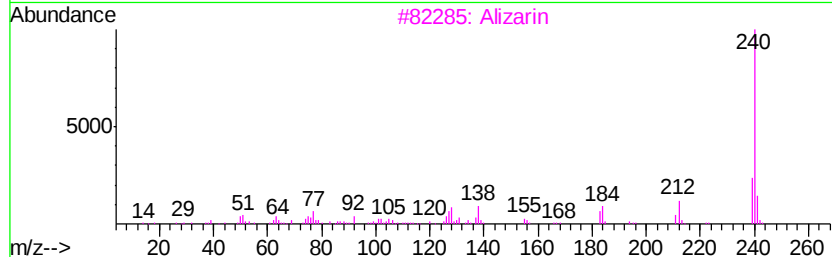
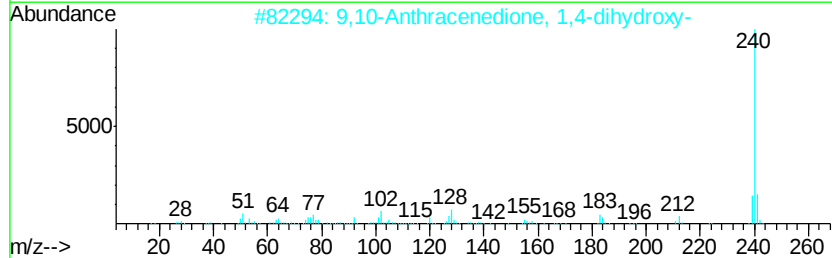
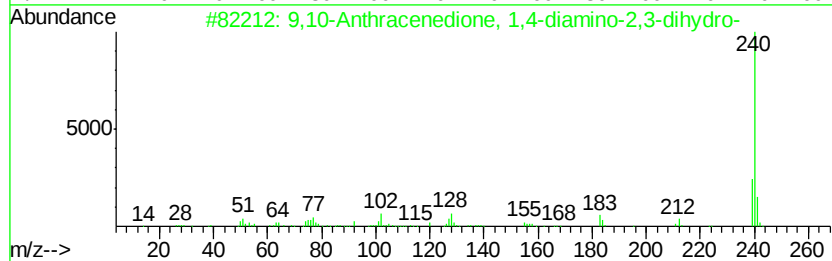
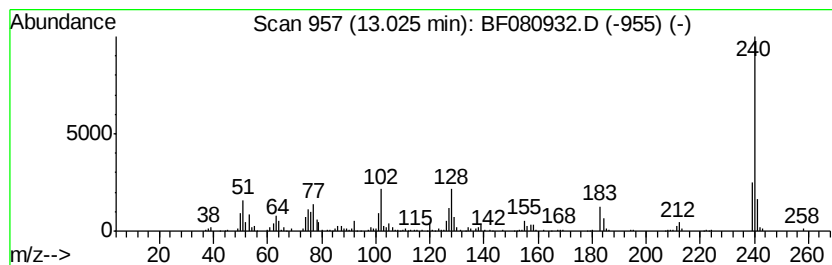
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9,10-Anthracenedione, 1,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.56 ng	360644	Chrysene-d12	13.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione, 1,4-diamin...	240	C14H12N2O2	000081-63-0	95
2			9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	91
3			Alizarin	240	C14H8O4	000072-48-0	70
4			9,10-Anthracenedione, 1,5-dihydr...	240	C14H8O4	000117-12-4	50
5			1H-Naphtho[2,1-b]pyran-1-one, 5-...	240	C15H12O3	005891-85-0	49



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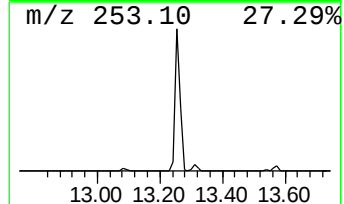
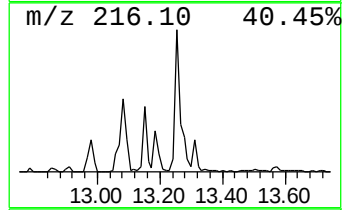
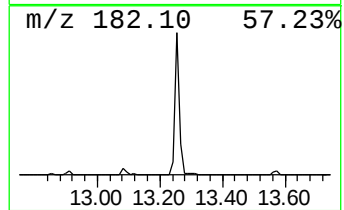
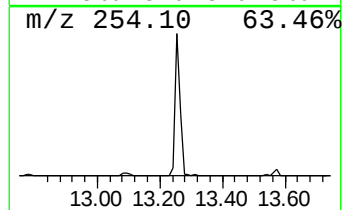
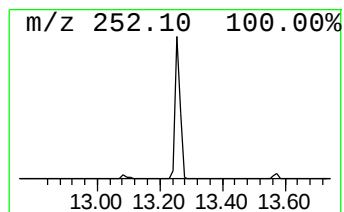
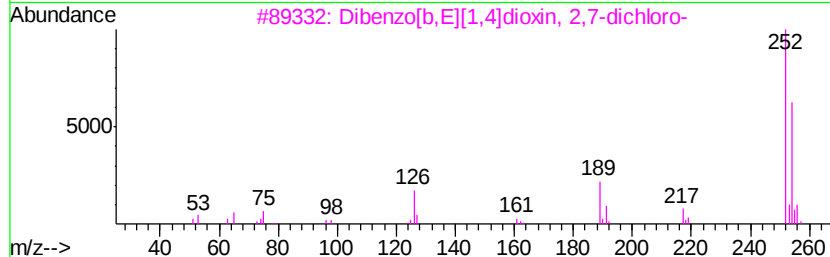
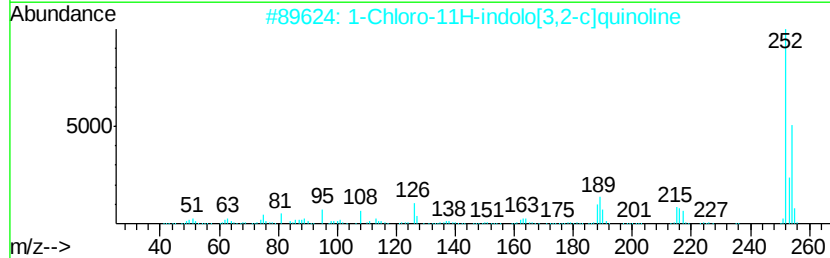
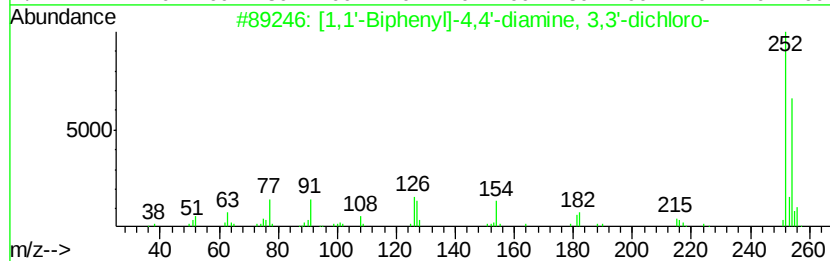
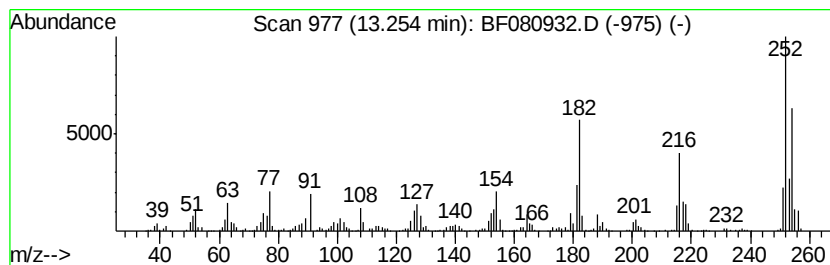
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	11.62 ng	918776	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	252	C12H10Cl2N2	000091-94-1	53
2		1-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-51-7	50
3		Dibenzo[b,E][1,4]dioxin, 2,7-dic...	252	C12H6Cl2O2	033857-26-0	45
4		Dibenzo[b,e][1,4]dioxin, 2,3-dic...	252	C12H6Cl2O2	029446-15-9	43
5		8-Chloro-11H-indolo[3,2-c]quinoline	252	C15H9ClN2	155249-69-7	38



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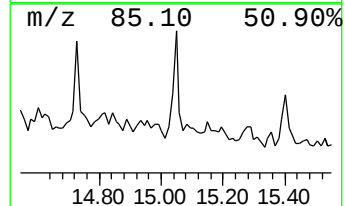
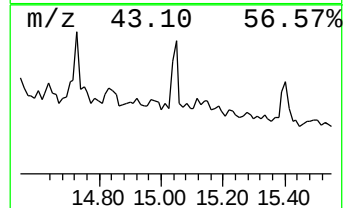
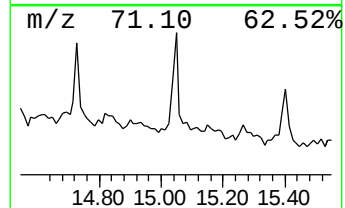
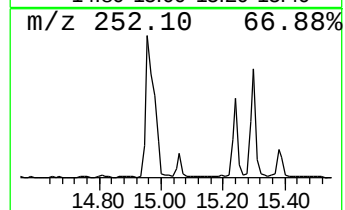
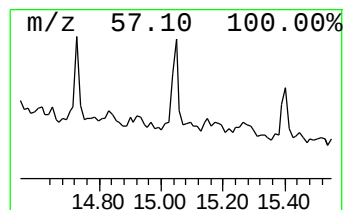
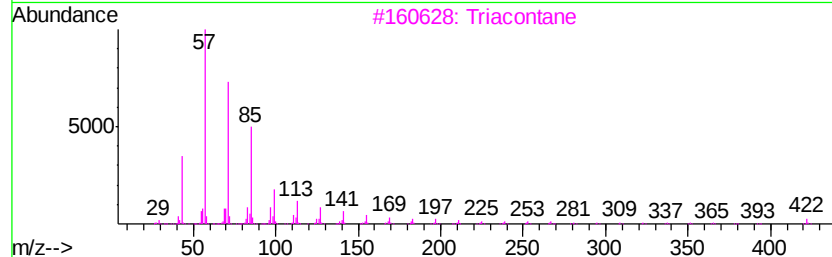
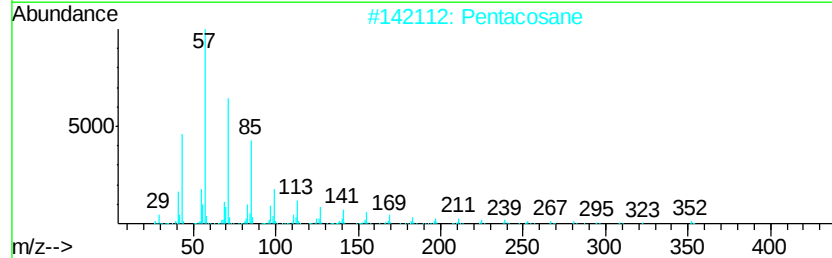
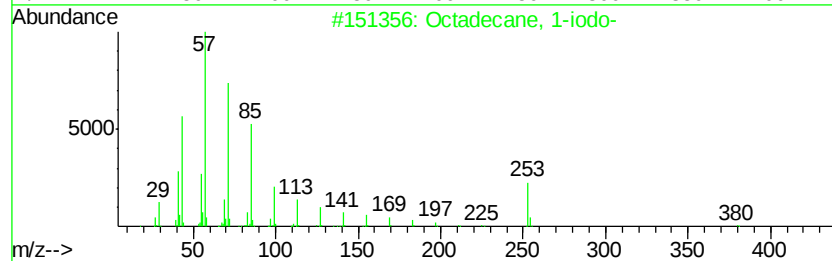
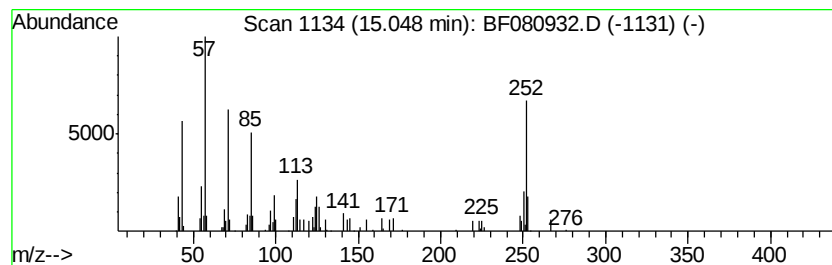
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Peak Number 18 unknown15.05 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.63 ng	92533	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	46
2			Pentacosane	352	C25H52	000629-99-2	45
3			Triacontane	422	C30H62	000638-68-6	43
4			Octacosane	394	C28H58	000630-02-4	43
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	43



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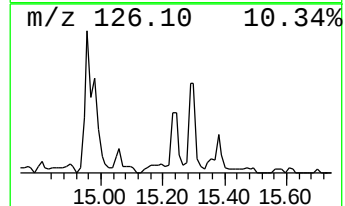
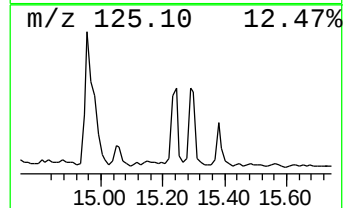
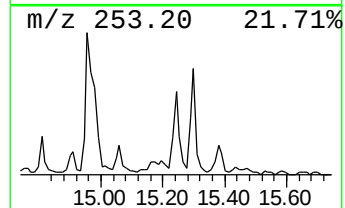
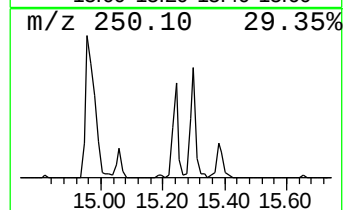
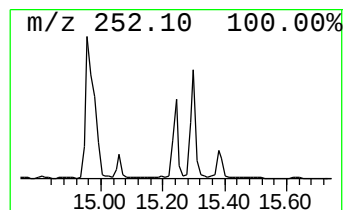
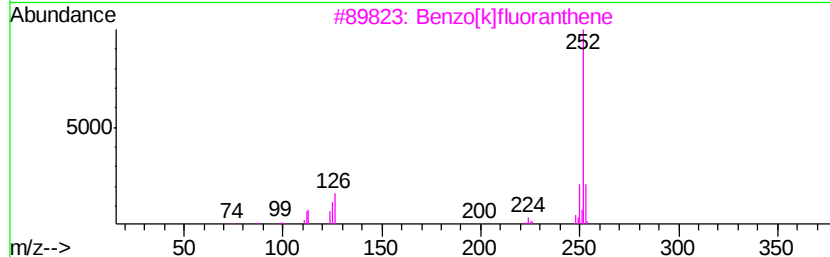
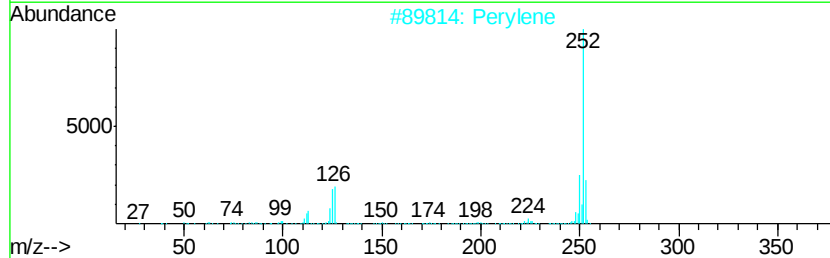
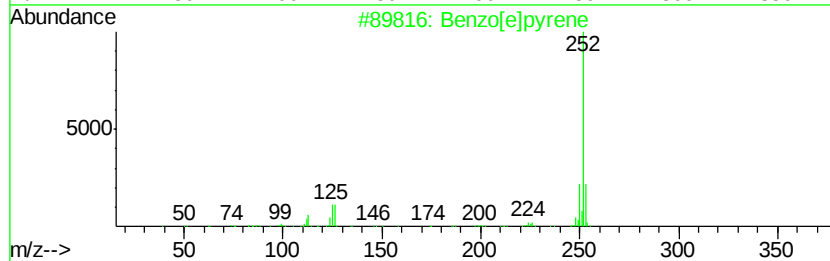
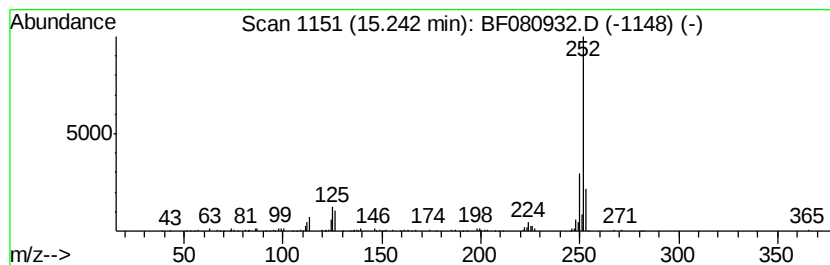
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	5.77 ng	147103	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



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ClientSampleId :
SOIL-5

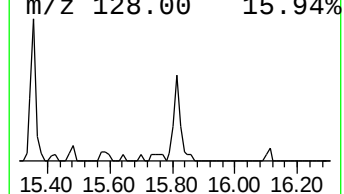
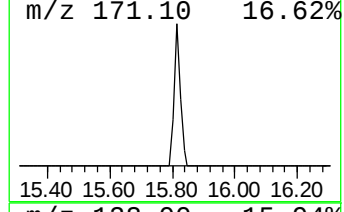
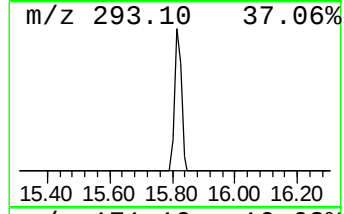
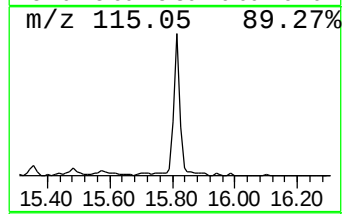
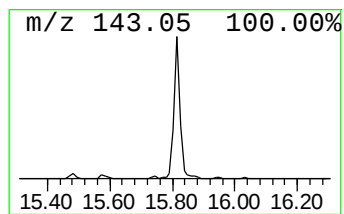
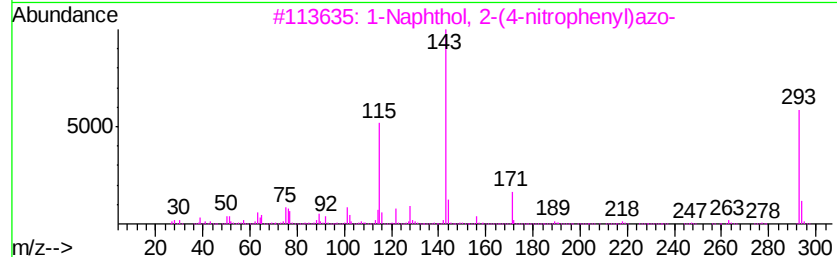
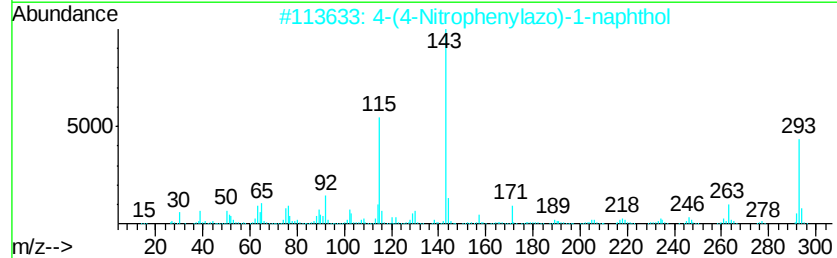
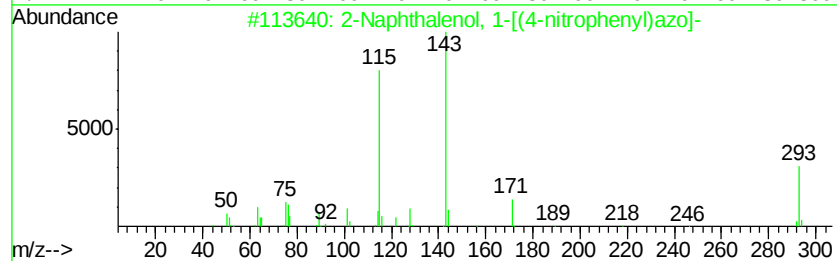
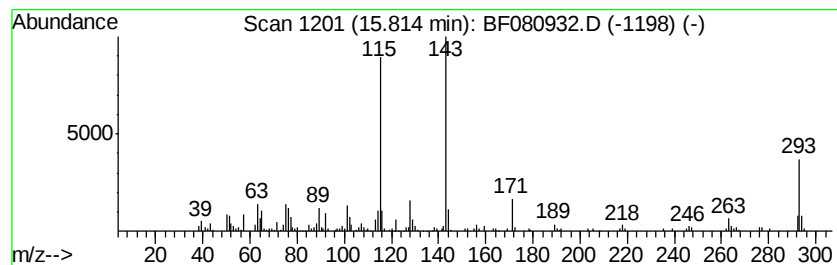
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Naphthalenol, 1-[(4-nitro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	9.91 ng	252603	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenol, 1-[(4-nitrophenyl)azo]-	293	C16H11N3O3	006410-10-2	98
2			4-(4-Nitrophenylazo)-1-naphthol	293	C16H11N3O3	005290-62-0	93
3			1-Naphthol, 2-(4-nitrophenyl)azo-	293	C16H11N3O3	000607-27-2	91
4			2-Naphthalenamine	143	C10H9N	000091-59-8	64
5			1-Naphthalenamine	143	C10H9N	000134-32-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080715\
 Data File : BF080932.D
 Acq On : 7 Aug 2015 17:54
 Operator : TP/UM
 Sample : G3212-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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...	4.97	42.0	ng	923563	1	6.81	439691	20.0
unknown6.57	6.57	53.8	ng	1183730	1	6.81	439691	20.0
2-Chlorobenzyl me...	8.60	4.3	ng	98519	2	8.09	463739	20.0
Benzenethiol, 2,5...	8.89	14.9	ng	344768	2	8.09	463739	20.0
unknown9.66	9.66	3.7	ng	94044	3	9.85	505867	20.0
1H-Benzimidazole,...	10.48	8.8	ng	223218	3	9.85	505867	20.0
n-Hexadecanoic acid	11.87	14.2	ng	422533	4	11.32	595040	20.0
Benzaldehyde, 3,5...	11.93	6.3	ng	188807	4	11.32	595040	20.0
Diazene, bis(2-ch...	12.25	22.5	ng	668514	4	11.32	595040	20.0
unknown12.31	12.31	4.1	ng	121976	4	11.32	595040	20.0
unknown12.34	12.34	4.7	ng	140062	4	11.32	595040	20.0
unknown12.67	12.67	4.8	ng	378886	5	13.95	1581700	20.0
9,10-Anthracenedi...	13.03	4.6	ng	360644	5	13.95	1581700	20.0
[1,1'-Biphenyl]-4...	13.25	11.6	ng	918776	5	13.95	1581700	20.0
unknown15.05	15.05	3.6	ng	92533	6	15.36	509802	20.0
Benzo[e]pyrene	15.24	5.8	ng	147103	6	15.36	509802	20.0
2-Naphthalenol, 1...	15.81	9.9	ng	252603	6	15.36	509802	20.0