

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080656.D
 Acq On : 25 Jul 2015 7:56
 Operator : TP/UM
 Sample : G3079-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-7-22-15

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	5.081	260	262	267	rBV	152581	216970	6.33%	0.510%
2	5.333	281	284	286	rBV	49803	46047	1.34%	0.108%
3	5.379	286	288	290	rBV	200223	181774	5.31%	0.427%
4	5.504	296	299	302	rBV2	672072	901541	26.31%	2.117%
5	5.756	319	321	324	rVB	89161	76280	2.23%	0.179%
6	5.927	334	336	338	rBV	45150	42921	1.25%	0.101%
7	6.453	380	382	384	rVV	224196	178040	5.20%	0.418%
8	6.533	387	389	392	rBV	328841	432958	12.64%	1.017%
9	6.613	394	396	399	rVB	157706	126739	3.70%	0.298%
10	6.693	401	403	405	rBV	1188221	1105895	32.28%	2.597%
11	6.750	407	408	411	rVV	429759	459909	13.42%	1.080%
12	6.933	421	424	425	rBV	426509	386061	11.27%	0.907%
13	6.990	427	429	431	rVV	550385	468760	13.68%	1.101%
14	7.082	435	437	439	rBV	826040	1026480	29.96%	2.410%
15	7.116	439	440	442	rVB	156169	107391	3.13%	0.252%
16	7.493	468	473	475	rBV	796032	910356	26.57%	2.138%
17	7.733	493	494	497	rVB	46054	40809	1.19%	0.096%
18	7.962	510	514	516	rVV	120741	180993	5.28%	0.425%
19	8.065	521	523	524	rVB2	33342	44978	1.31%	0.106%
20	8.213	534	536	542	rVB2	453741	593678	17.33%	1.394%
21	8.453	555	557	559	rBV	35409	48762	1.42%	0.115%
22	8.659	573	575	578	rBV	40951	52970	1.55%	0.124%
23	8.727	578	581	585	rBV	460297	1064341	31.06%	2.499%
24	8.830	587	590	591	rBV	375210	347854	10.15%	0.817%
25	8.933	597	599	600	rBV	121914	104978	3.06%	0.247%
26	9.025	605	607	608	rBV	66733	71079	2.07%	0.167%
27	9.047	608	609	614	rVB2	41197	67952	1.98%	0.160%
28	9.185	618	621	623	rBV2	27063	39957	1.17%	0.094%
29	9.287	628	630	633	rBV	1046781	1455355	42.48%	3.418%
30	9.356	633	636	638	rBV	111574	181519	5.30%	0.426%
31	9.390	638	639	643	rVB2	68242	66589	1.94%	0.156%
32	9.539	649	652	654	rBV4	27677	67977	1.98%	0.160%
33	9.585	654	656	658	rVB2	42445	58272	1.70%	0.137%
34	9.699	664	666	669	rVB3	22033	43753	1.28%	0.103%

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35	9.768	669	672	673	rBV	43860	61621	1.80%	0.145%
36	9.813	673	676	678	rVB	44477	72948	2.13%	0.171%
37	9.939	682	687	688	rBV3	36290	76782	2.24%	0.180%
38	9.973	688	690	692	rVB	674082	575830	16.81%	1.352%
39	10.076	696	699	702	rVB2	43998	80952	2.36%	0.190%
40	10.179	705	708	709	rVB2	34648	60498	1.77%	0.142%
41	10.213	709	711	714	rBV3	47421	67300	1.96%	0.158%
42	10.396	724	727	730	rBV5	17627	41409	1.21%	0.097%
43	10.442	730	731	734	rVB3	27785	41963	1.22%	0.099%
44	10.579	739	743	745	rBV3	23496	41275	1.20%	0.097%
45	10.728	754	756	757	rBV	104403	131801	3.85%	0.310%
46	10.750	757	758	761	rVB2	684550	917998	26.79%	2.156%
47	10.888	768	770	773	rBV2	126888	178513	5.21%	0.419%
48	10.945	773	775	776	rVV	905553	766145	22.36%	1.799%
49	10.979	776	778	780	rVV2	615252	917915	26.79%	2.156%
50	11.013	780	781	782	rVV	711631	543272	15.86%	1.276%
51	11.082	784	787	789	rVV	240930	348371	10.17%	0.818%
52	11.116	789	790	792	rVV2	228894	314286	9.17%	0.738%
53	11.162	792	794	795	rVV	815343	706030	20.61%	1.658%
54	11.208	795	798	800	rVB2	195570	368834	10.76%	0.866%
55	11.379	811	813	817	rVB4	21948	42085	1.23%	0.099%
56	11.459	817	820	822	rBV	680216	559798	16.34%	1.315%
57	11.562	827	829	832	rVB	40196	43805	1.28%	0.103%
58	11.871	853	856	858	rBV	199689	237248	6.92%	0.557%
59	11.905	858	859	861	rVV	47440	45609	1.33%	0.107%
60	12.008	865	868	871	rVV	659121	786721	22.96%	1.847%
61	12.065	871	873	874	rVV	1255424	1543752	45.06%	3.625%
62	12.088	874	875	878	rVV3	1703811	3349041	97.74%	7.864%
63	12.145	878	880	881	rVV2	1487605	1920312	56.05%	4.509%
64	12.213	883	886	888	rVV4	1626263	3426311	100.00%	8.046%
65	12.271	890	891	894	rVV	1996144	2342081	68.36%	5.500%
66	12.316	894	895	898	rVV	1125141	998286	29.14%	2.344%
67	12.374	898	900	902	rVV	43782	84712	2.47%	0.199%
68	12.419	902	904	906	rVV2	198031	294894	8.61%	0.692%
69	12.454	906	907	910	rVV3	47736	88194	2.57%	0.207%
70	12.556	913	916	918	rVV3	53599	135550	3.96%	0.318%
71	12.636	920	923	925	rVV	126381	184306	5.38%	0.433%

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72	12.671	925	926	927 rVV	68800	64409	1.88%	0.151%
73	12.751	927	933	935 rVV	277344	610142	17.81%	1.433%
74	12.785	935	936	937 rVV	102037	128810	3.76%	0.302%
75	12.854	940	942	944 rVV2	109669	147780	4.31%	0.347%
76	13.025	954	957	959 rVV	29372	46344	1.35%	0.109%
77	13.105	962	964	966 rVV	1459918	1542643	45.02%	3.623%
78	13.151	966	968	972 rVV	191967	214947	6.27%	0.505%
79	13.231	972	975	977 rVV2	373573	772522	22.55%	1.814%
80	13.276	977	979	980 rVV	315956	478521	13.97%	1.124%
81	13.299	980	981	983 rVV	304312	358904	10.47%	0.843%
82	13.368	983	987	990 rVV3	605200	1391613	40.62%	3.268%
83	13.425	990	992	995 rVV	417573	527428	15.39%	1.239%
84	13.471	995	996	1003 rVV2	173145	340454	9.94%	0.799%
85	13.574	1003	1005	1007 rVV2	44394	67231	1.96%	0.158%
86	13.654	1010	1012	1015 rVV3	37069	73464	2.14%	0.173%
87	13.711	1015	1017	1020 rVV2	32324	62548	1.83%	0.147%
88	13.836	1024	1028	1031 rVV2	68162	138505	4.04%	0.325%
89	13.882	1031	1032	1036 rVV3	22681	40707	1.19%	0.096%
90	14.088	1047	1050	1054 rVV	225356	348104	10.16%	0.817%
91	14.317	1067	1070	1072 rVV	443966	525256	15.33%	1.233%
92	14.351	1072	1073	1075 rVV	38554	40157	1.17%	0.094%
93	14.397	1075	1077	1079 rVV	39030	62401	1.82%	0.147%
94	14.465	1081	1083	1084 rVV	63348	101531	2.96%	0.238%
95	14.511	1084	1087	1089 rVV3	89773	197308	5.76%	0.463%
96	14.568	1089	1092	1094 rVV2	34118	84201	2.46%	0.198%
97	14.602	1094	1095	1101 rVB2	36325	57311	1.67%	0.135%
98	14.911	1119	1122	1124 rBV2	30916	54910	1.60%	0.129%
99	14.945	1124	1125	1130 rVV3	20566	52372	1.53%	0.123%
100	16.042	1218	1221	1224 rBV	363925	457637	13.36%	1.075%

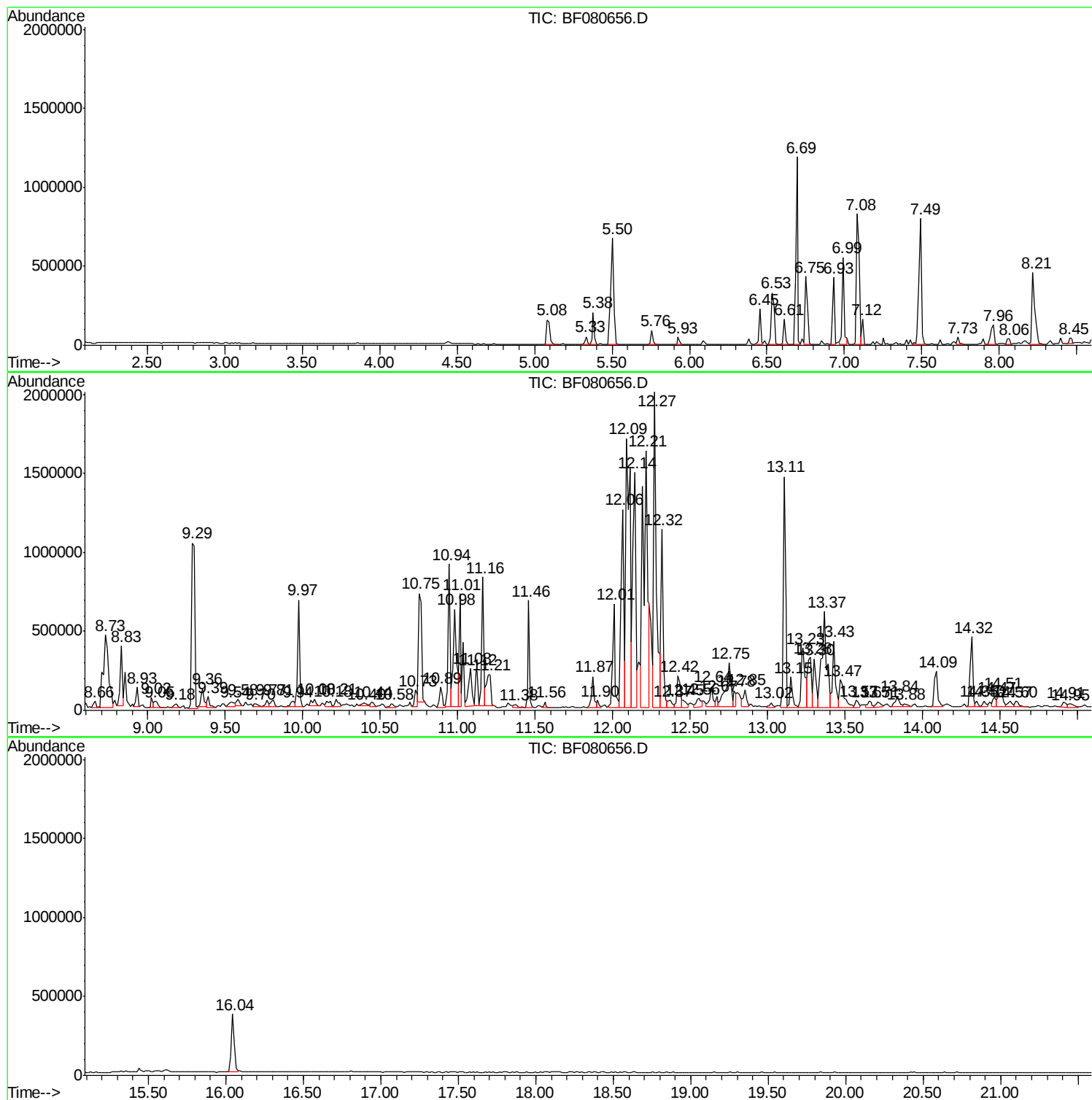
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TIC Library : C:\DATABASE\NIST02.L
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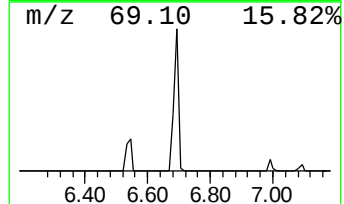
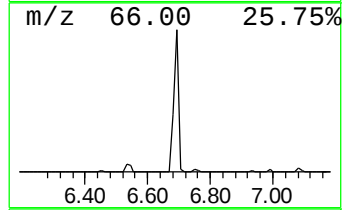
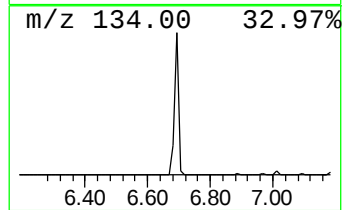
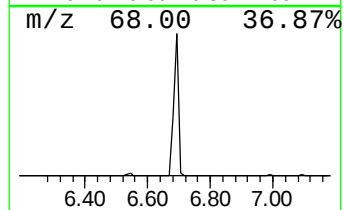
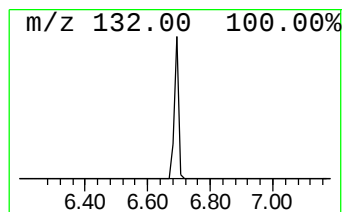
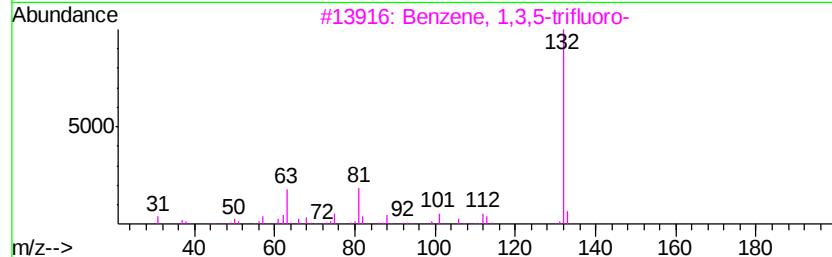
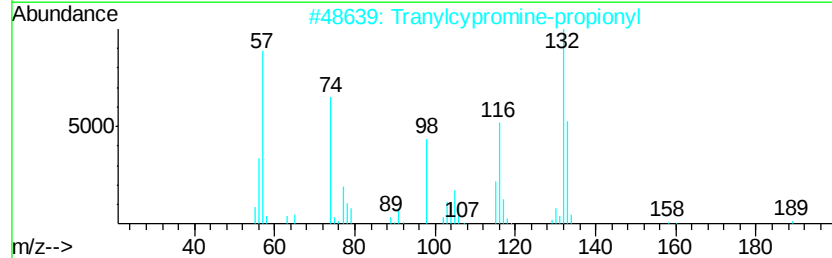
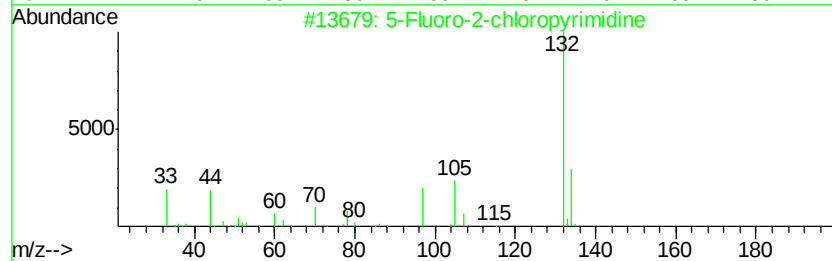
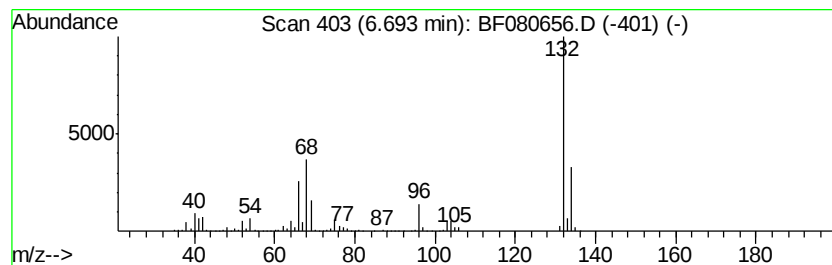
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	57.29 ng	1105900	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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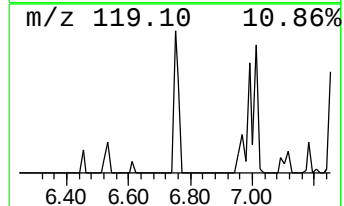
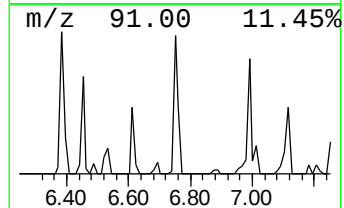
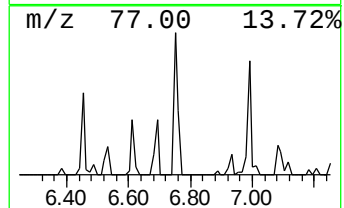
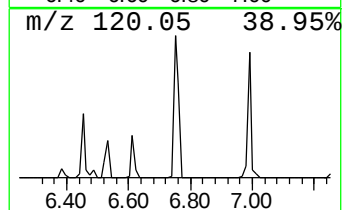
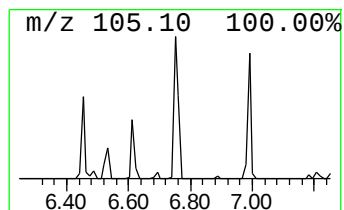
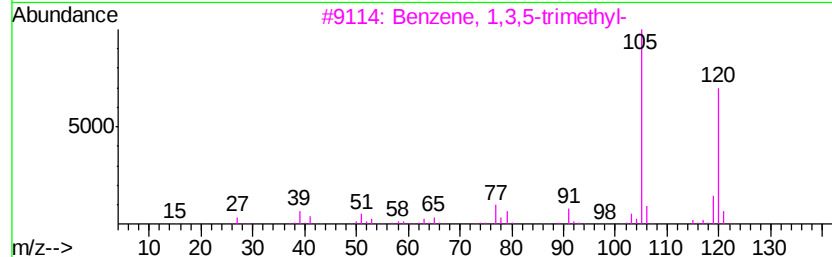
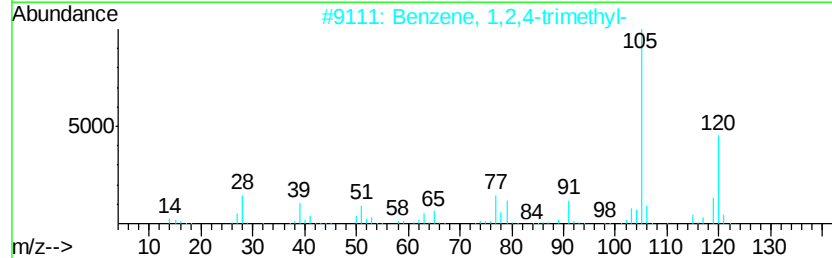
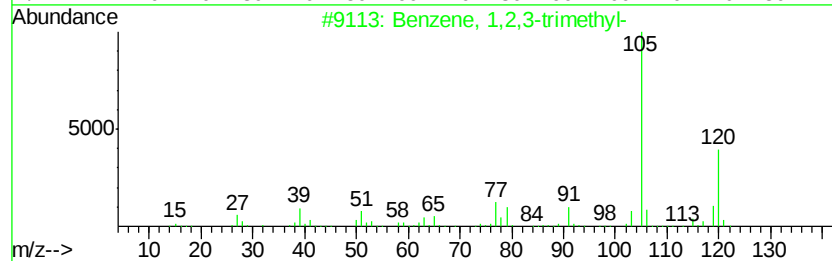
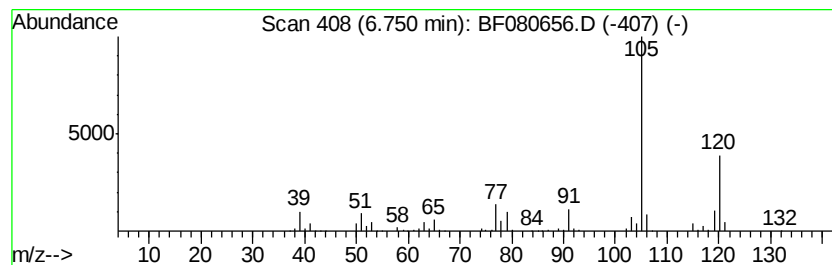
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	23.83 ng	459909	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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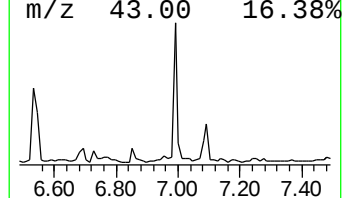
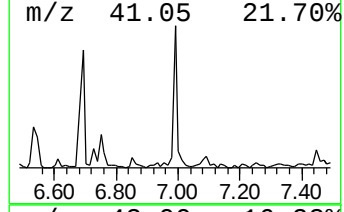
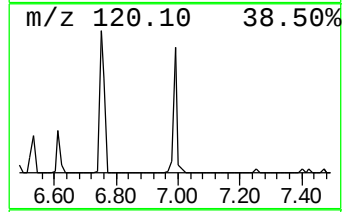
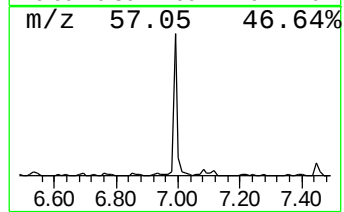
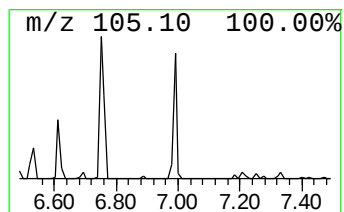
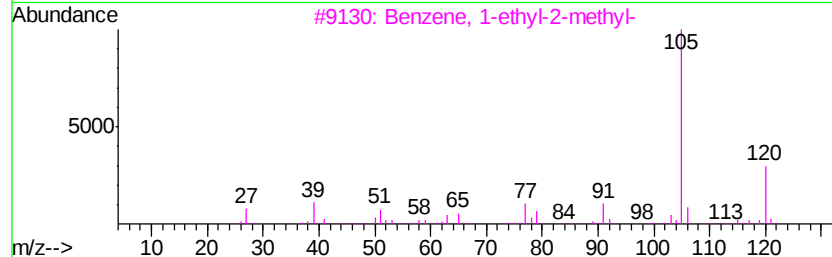
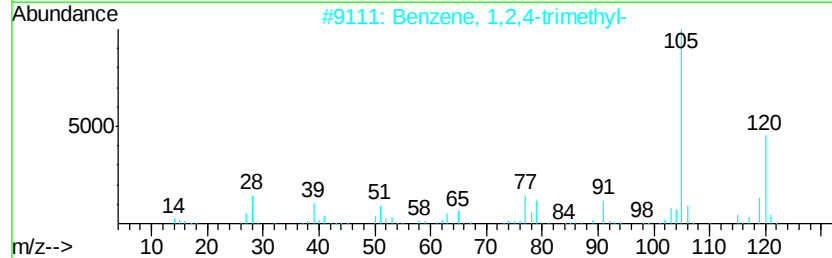
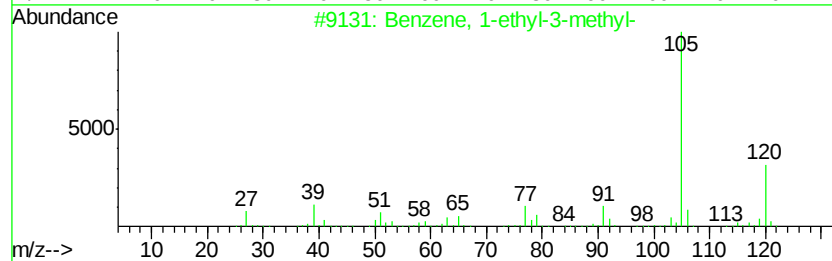
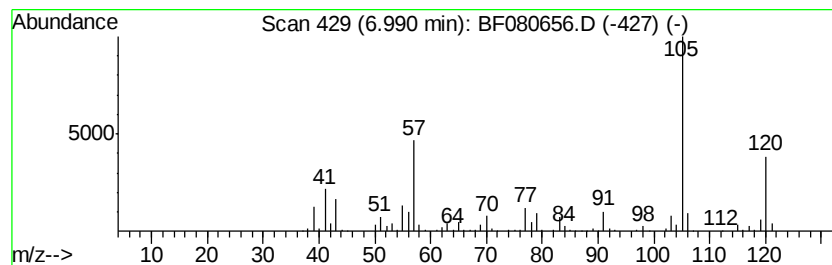
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Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	24.28 ng	468760	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
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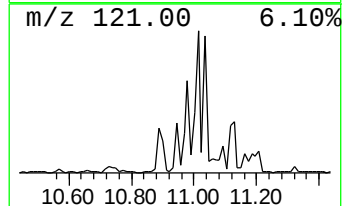
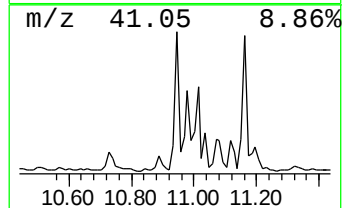
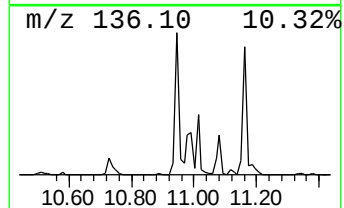
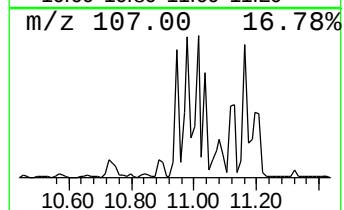
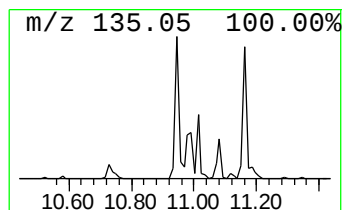
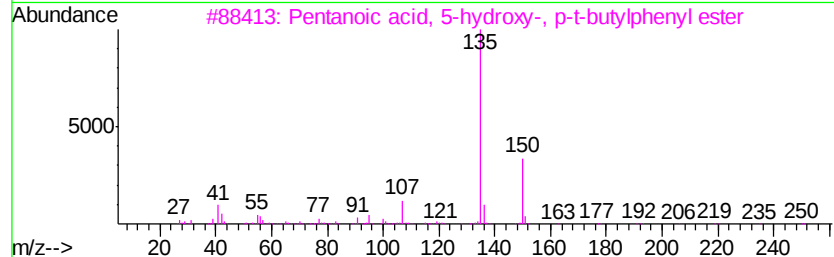
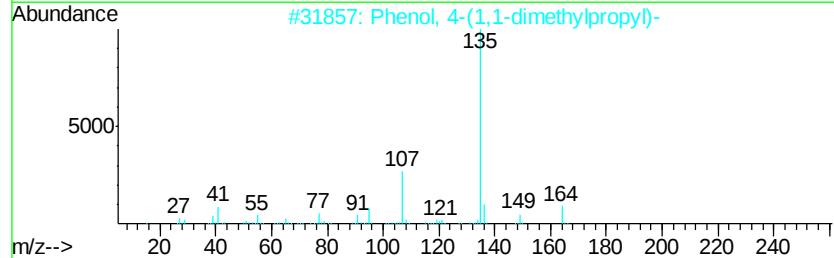
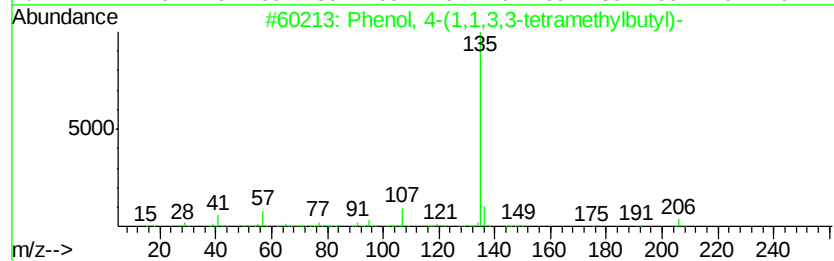
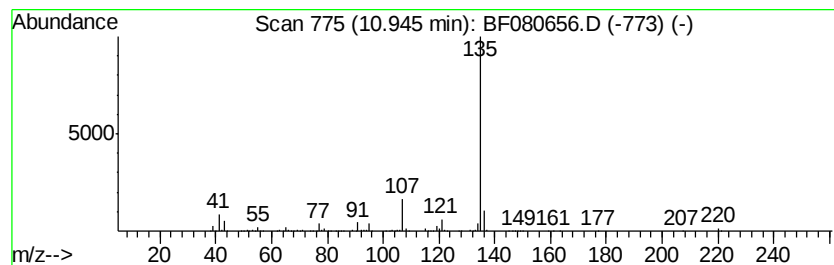
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ClientSampleId :
MW-13-7-22-15

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 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.94	27.37 ng	766145	Phenanthrene-d10	11.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol,	4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Pentanoic acid,	5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	1-n-Hexyladamantane		220	C16H28	022458-75-9	59
5	Phenol,	2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
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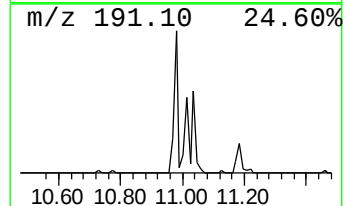
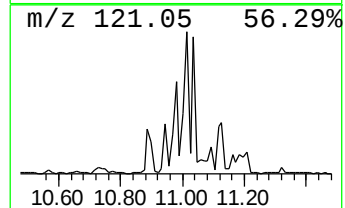
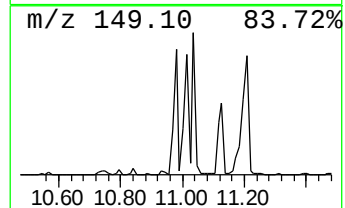
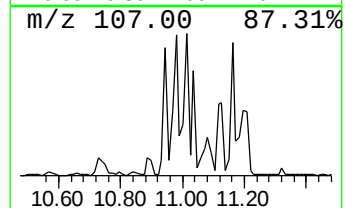
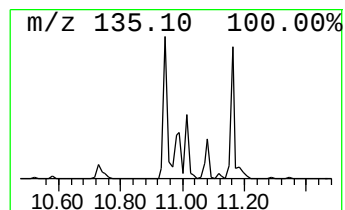
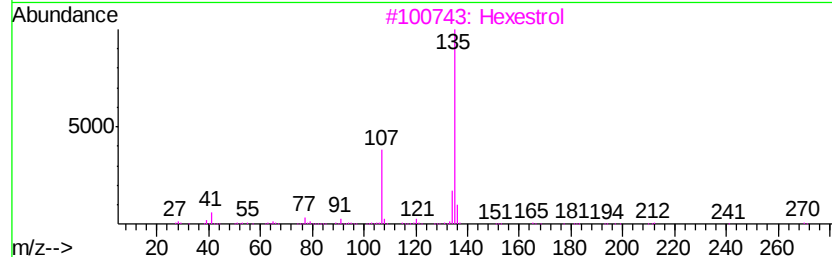
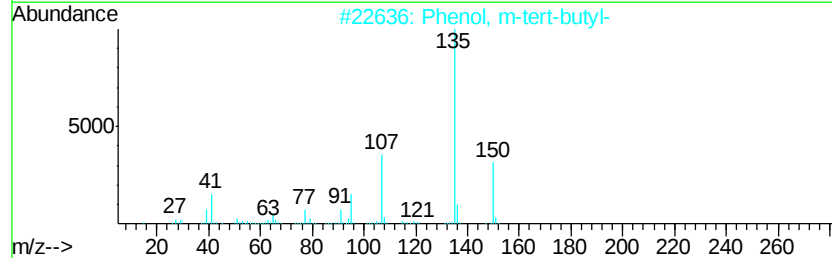
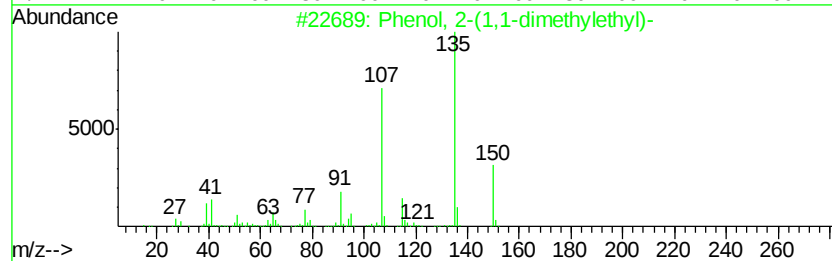
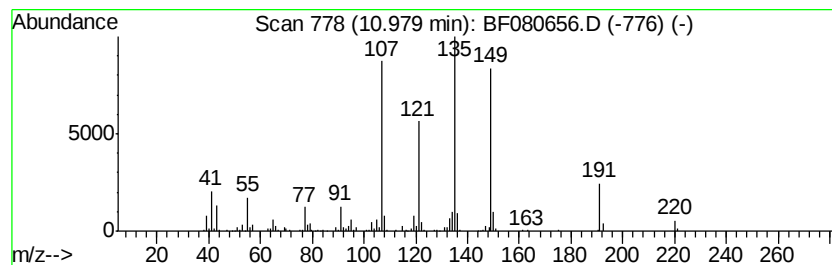
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ClientSampleId :
MW-13-7-22-15

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 7 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.98	32.79 ng	917915	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	55
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
3	Hexestrol	270	C18H22O2	005635-50-7	38
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	38
5	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

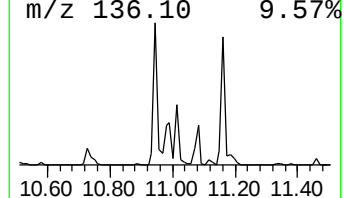
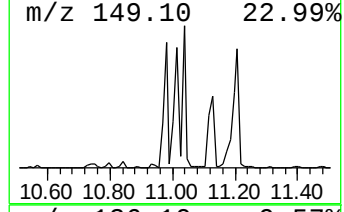
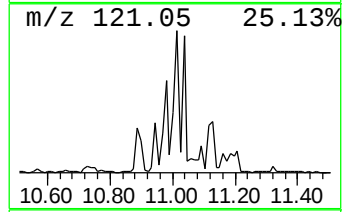
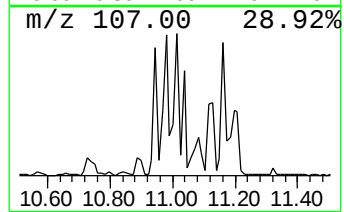
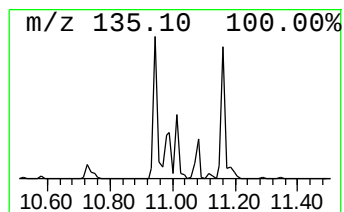
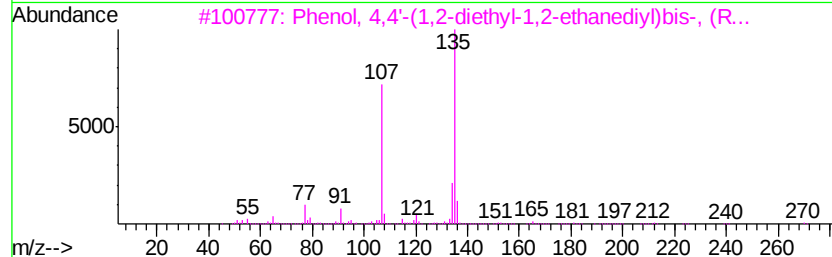
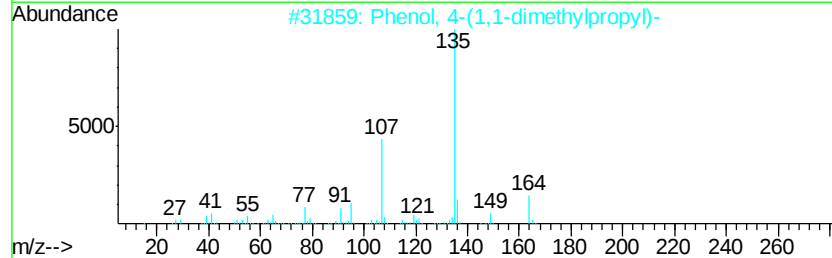
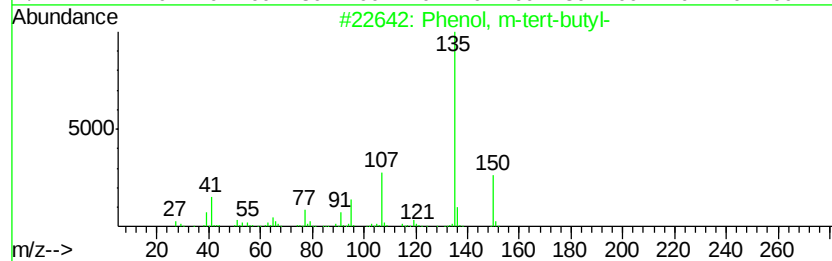
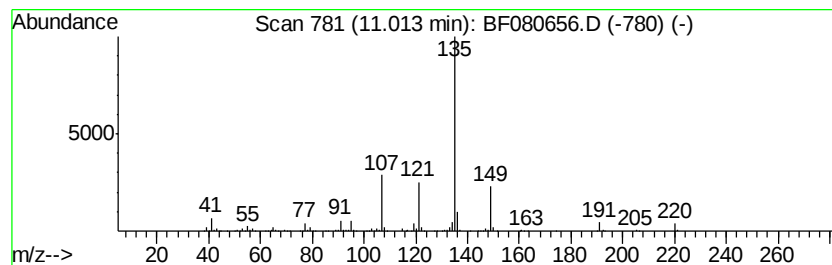
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.01	19.41 ng	543272	Phenanthrene-d10	11.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	68	
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64	
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	53	
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	53	
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

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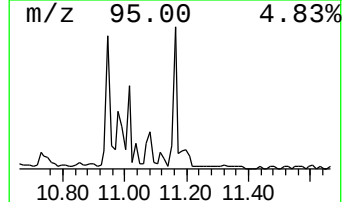
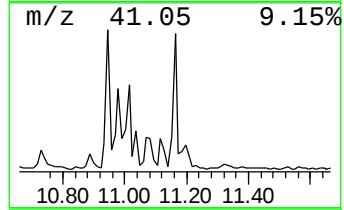
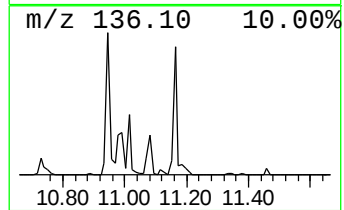
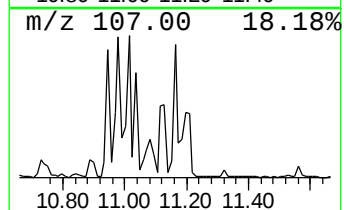
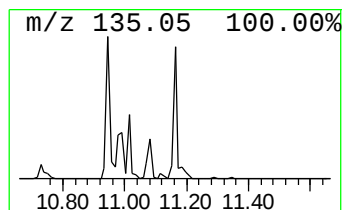
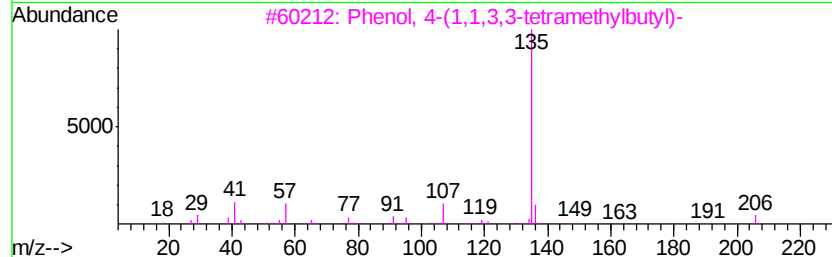
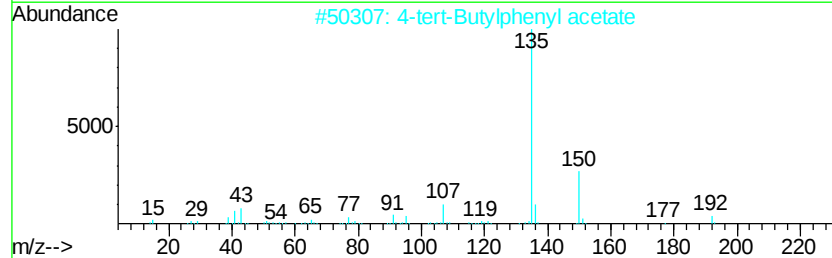
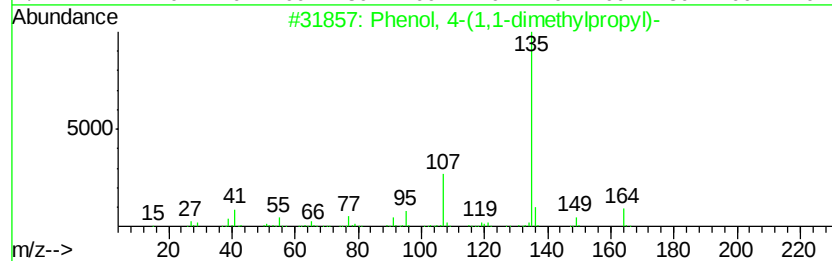
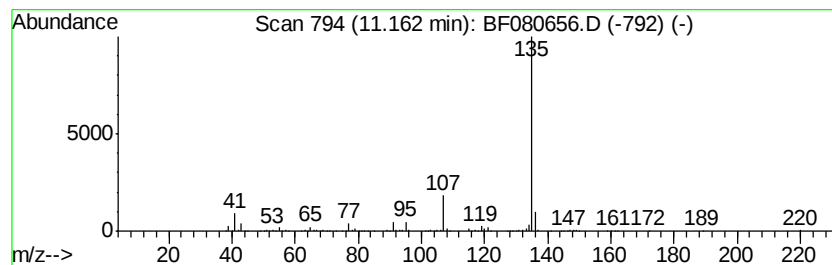
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	25.22 ng	706030	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
2		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
5		((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
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Misc :
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Instrument :
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ClientSampleId :
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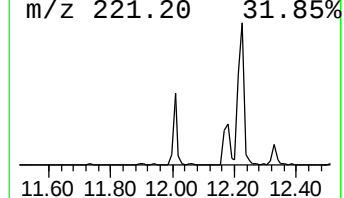
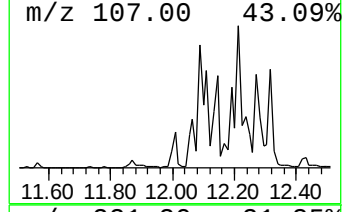
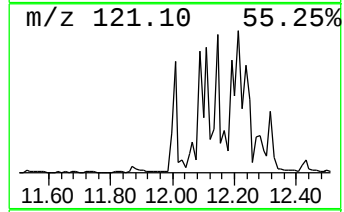
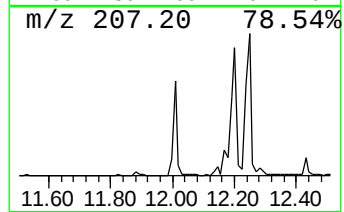
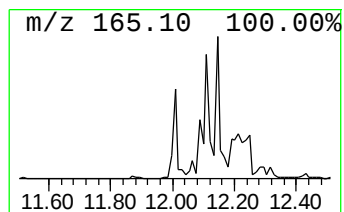
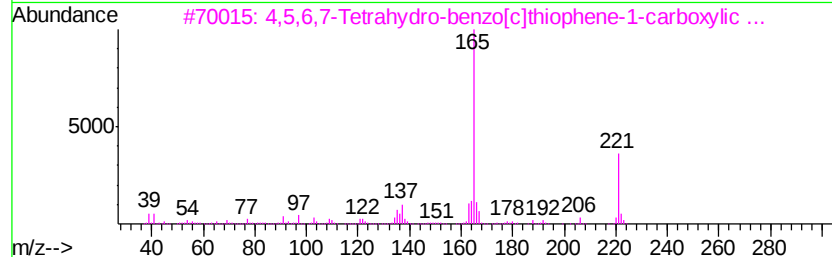
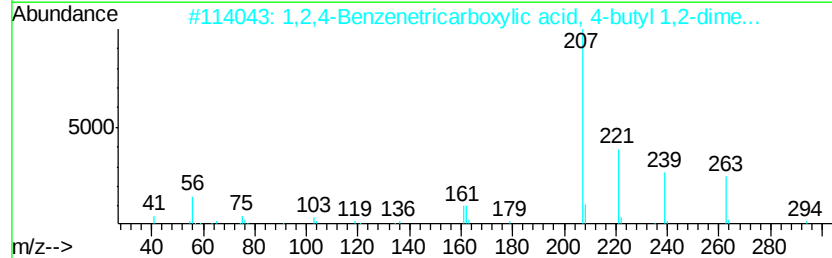
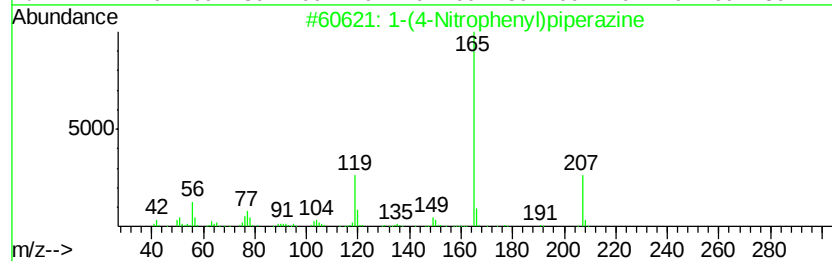
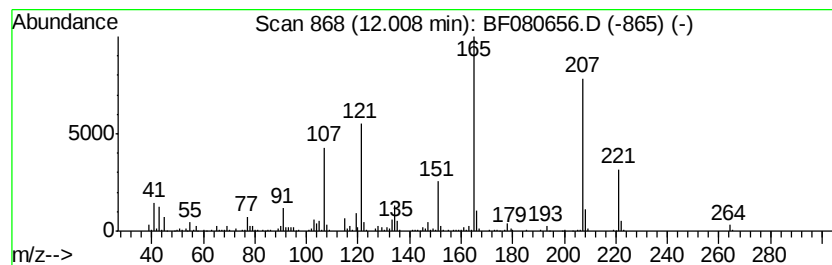
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	28.11 ng	786721	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(4-Nitrophenyl)piperazine	207	C10H13N3O2	006269-89-2	49
2		1,2,4-Benzenetricarboxylic acid,...	294	C15H18O6	043049-07-6	27
3		4,5,6,7-Tetrahydro-benzo[c]thiop...	221	C12H15NOS	1000296-67-7	27
4		2-(1-Piperidino)-5-nitropyridine	207	C10H13N3O2	026820-61-1	27
5		s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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Acq On : 25 Jul 2015 7:56
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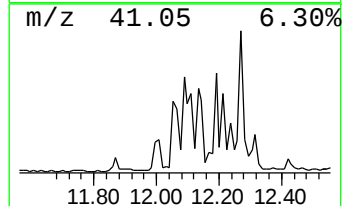
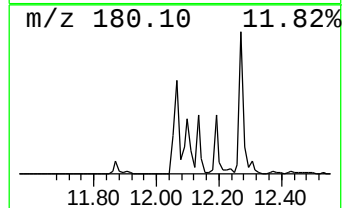
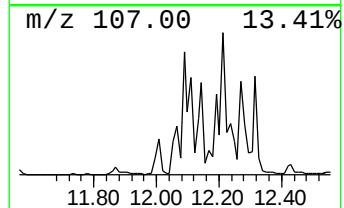
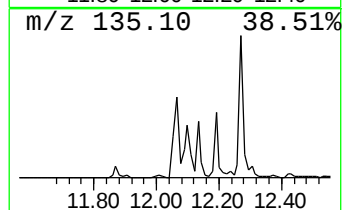
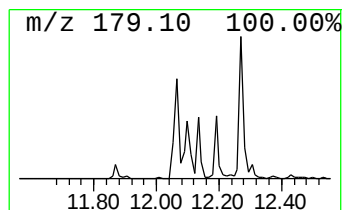
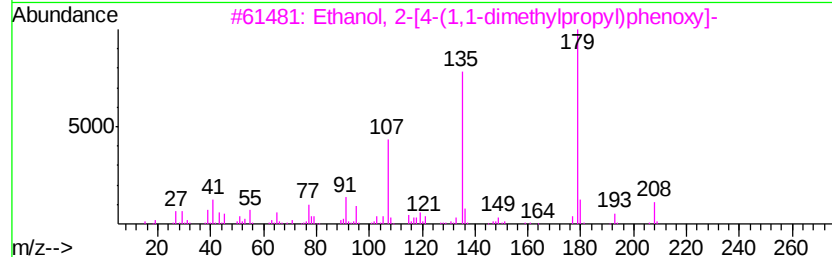
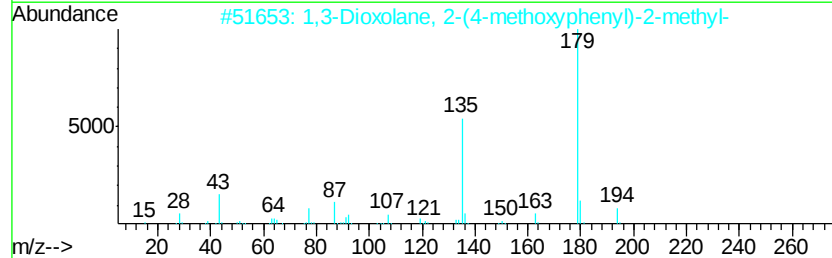
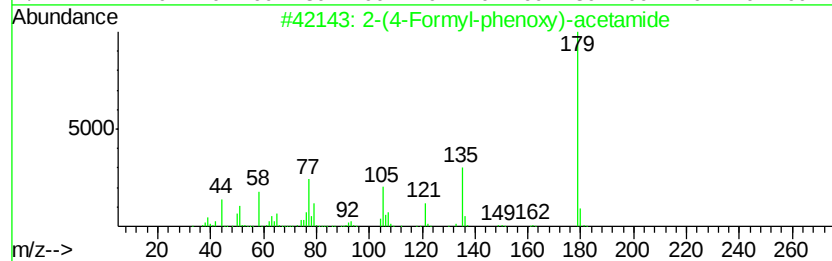
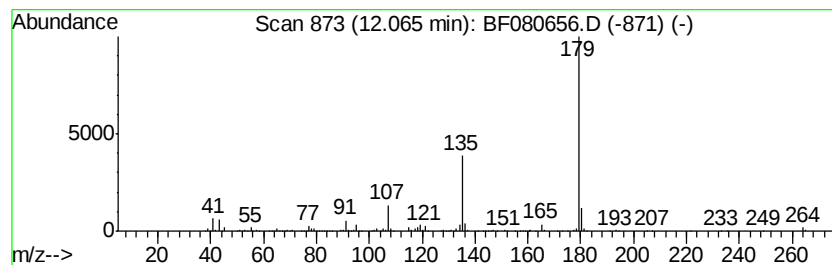
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	55.15 ng	1543750	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
2		1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
3		Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
4		Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
5		2-Methoxy-5-methylphenyl isothio...	179	C9H9NOS	190774-56-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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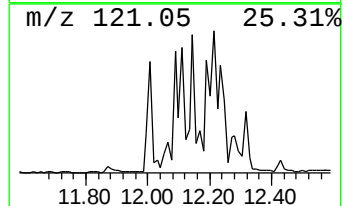
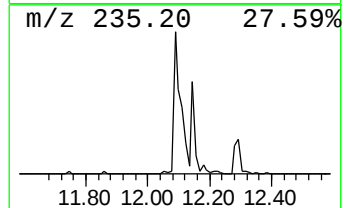
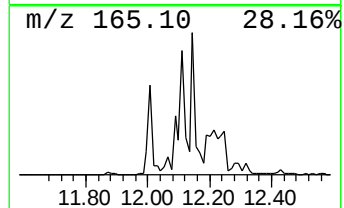
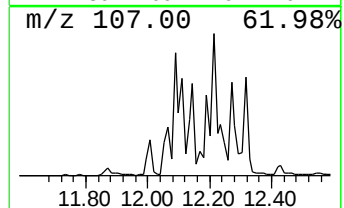
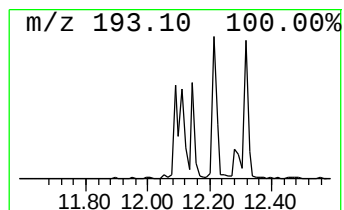
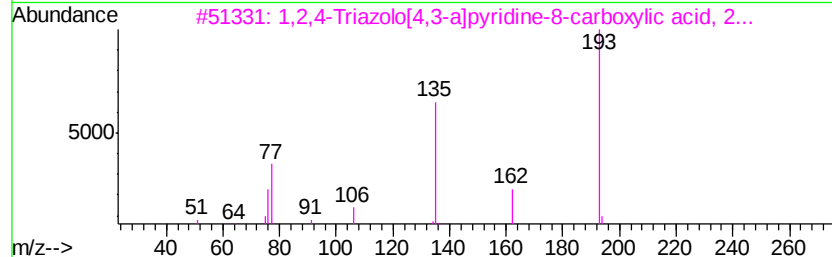
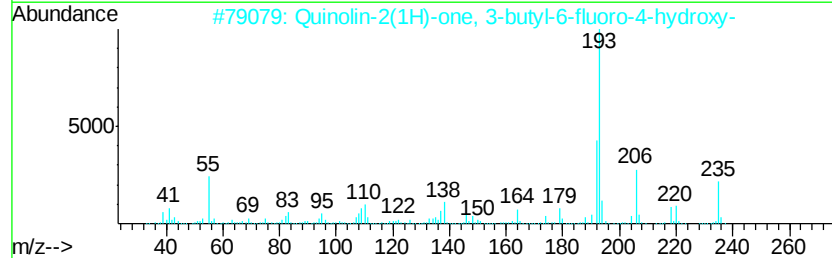
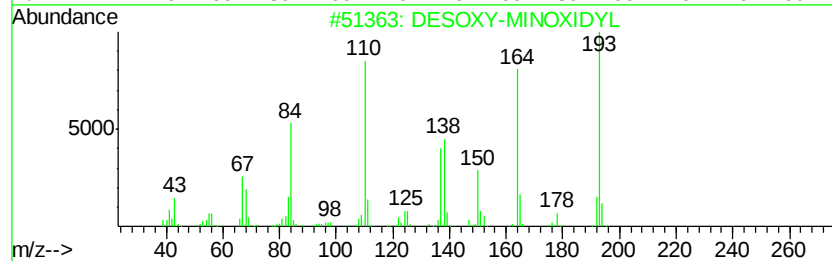
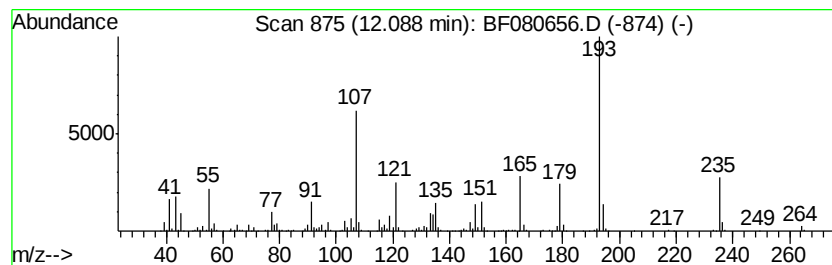
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ClientSampled :
MW-13-7-22-15

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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 unknown12.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	119.65 ng	3349040	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	41
2	Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FN02	279691-75-7	38
3	1,2,4-Triazolo[4,3-a]pyridine-8-...	193	C8H7N3O3	053975-71-6	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	35
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-13-7-22-15

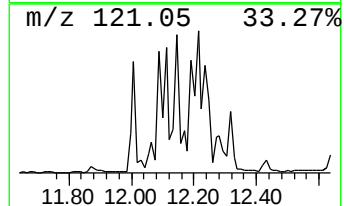
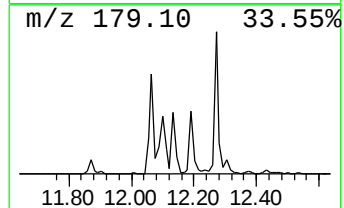
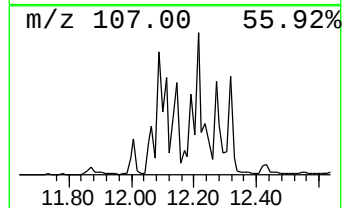
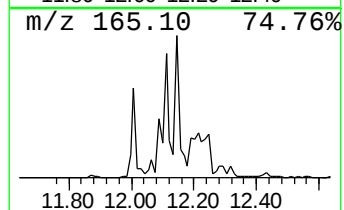
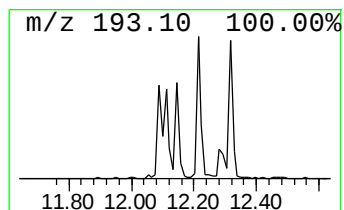
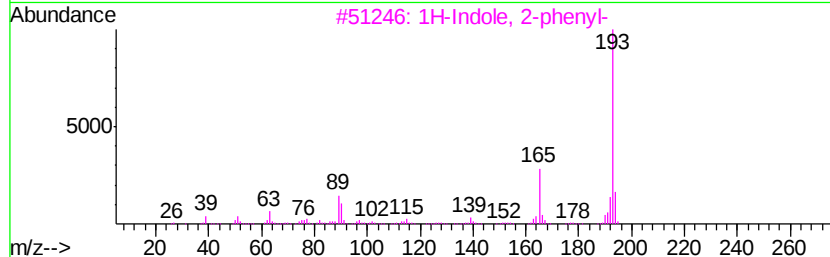
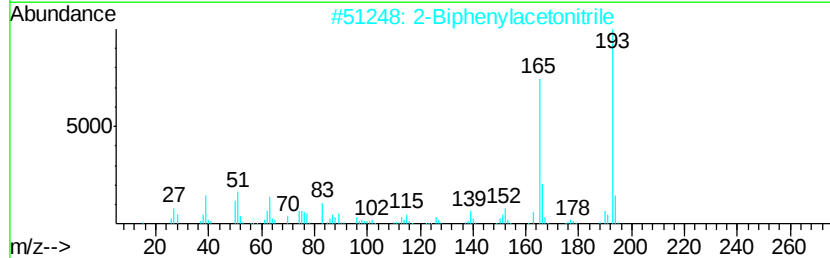
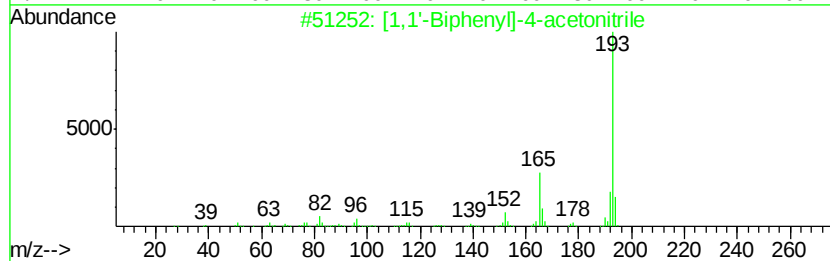
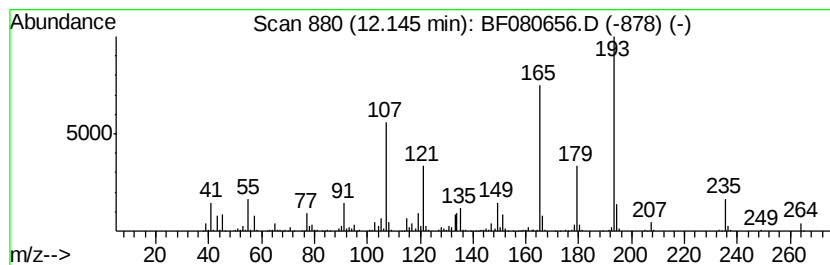
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	68.61 ng	1920310	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	47
2		2-Biphenylacetonitrile	193	C14H11N	019853-10-2	38
3		1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
4		1-Anthracenamine	193	C14H11N	000610-49-1	38
5		2-Anthracenamine	193	C14H11N	000613-13-8	38



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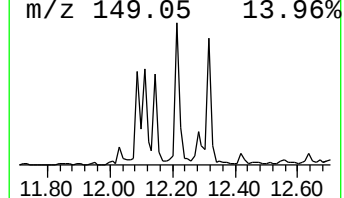
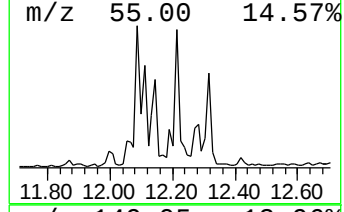
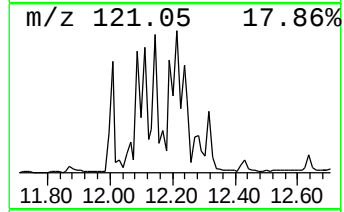
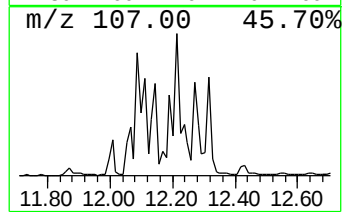
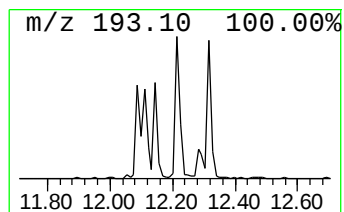
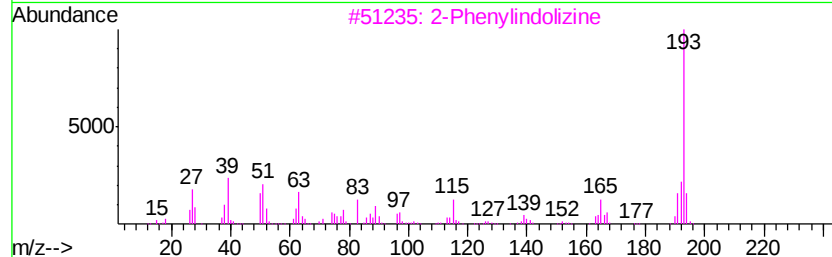
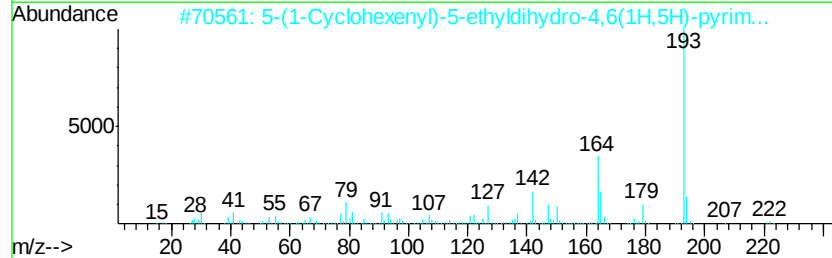
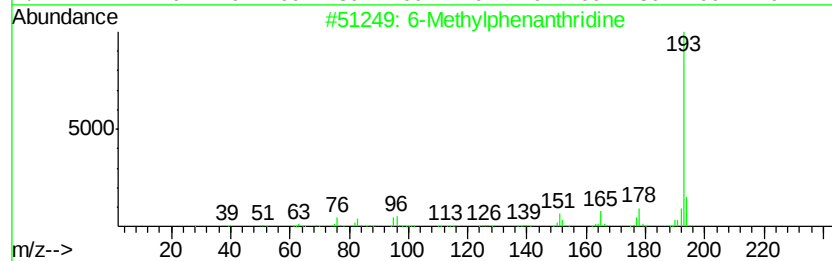
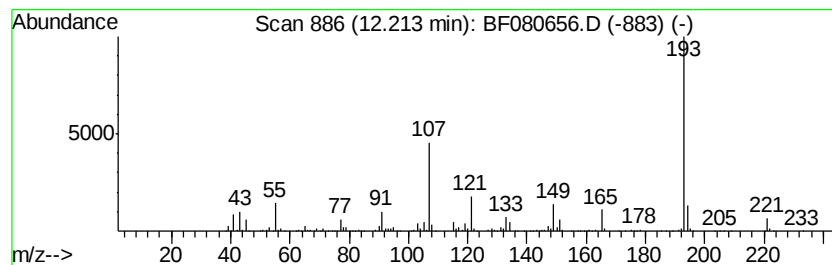
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.21	122.41 ng	3426310	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methylphenanthridine	193	C14H11N	003955-65-5	47
2	5-(1-Cyclohexenyl)-5-ethyldihydr...	222	C12H18N2O2	091908-20-2	47
3	2-Phenylindolizine	193	C14H11N	025379-20-8	43
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	43
5	2,4,6-Trimethoxybenzonitrile	193	C10H11N03	002571-54-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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ALS Vial : 27 Sample Multiplier: 1

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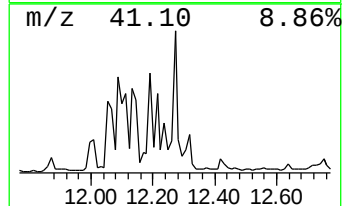
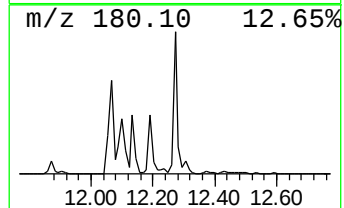
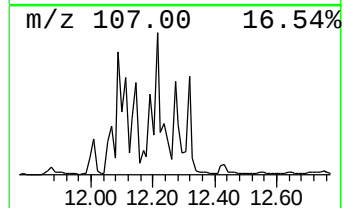
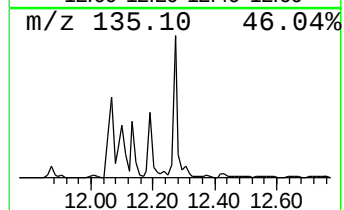
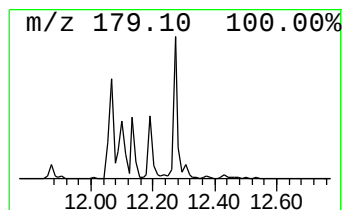
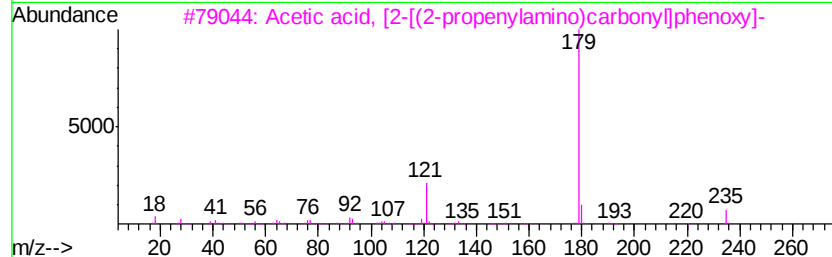
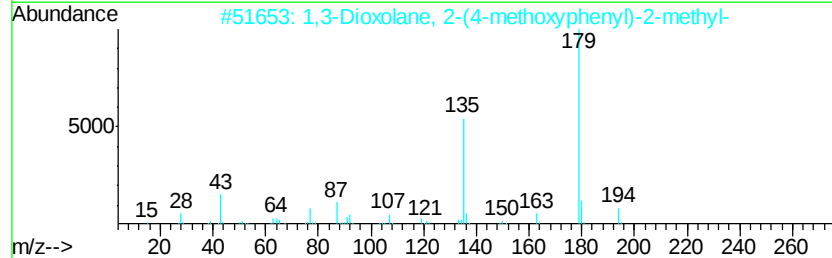
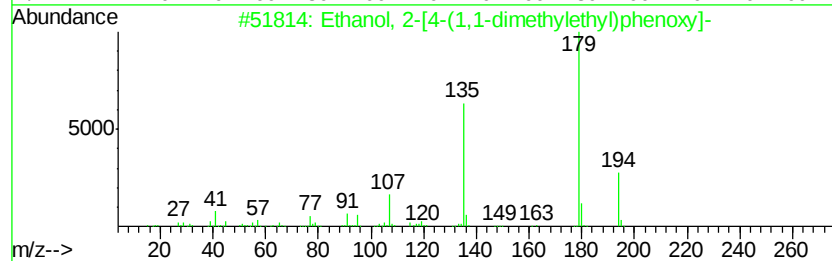
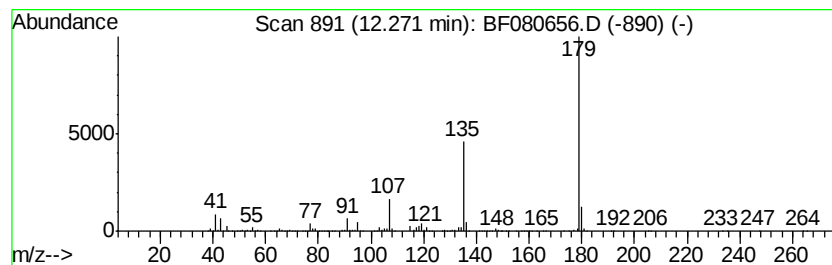
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	83.68 ng	2342080	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	90
2		1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
3		Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	47
4		(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	37
5		(p-Butyrylphenoxy)acetic acid	222	C12H14O4	001141-96-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
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Misc :
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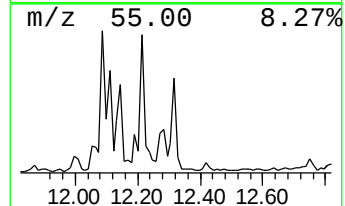
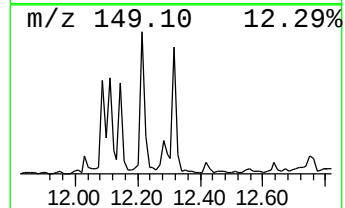
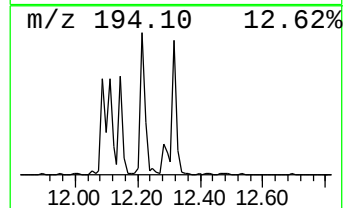
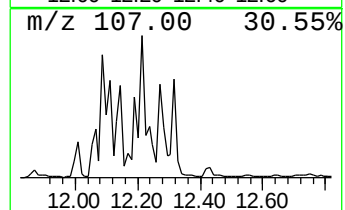
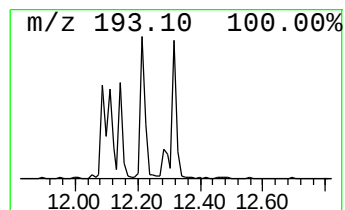
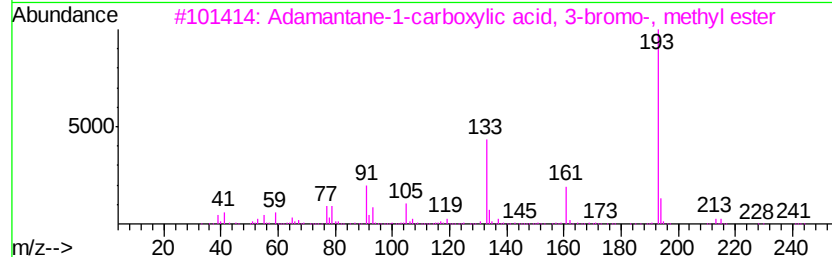
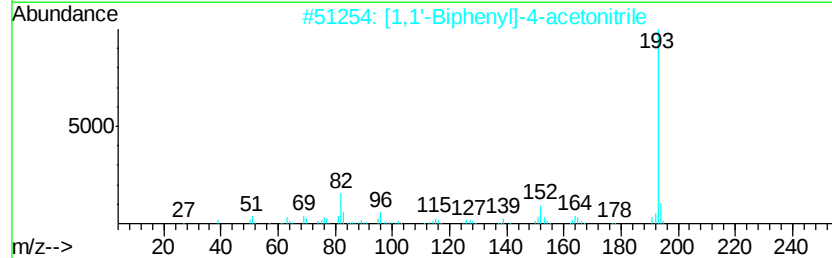
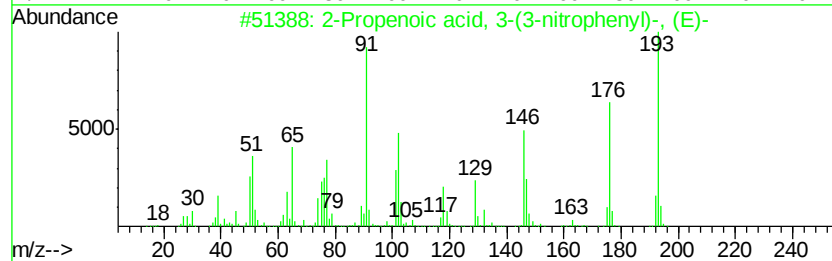
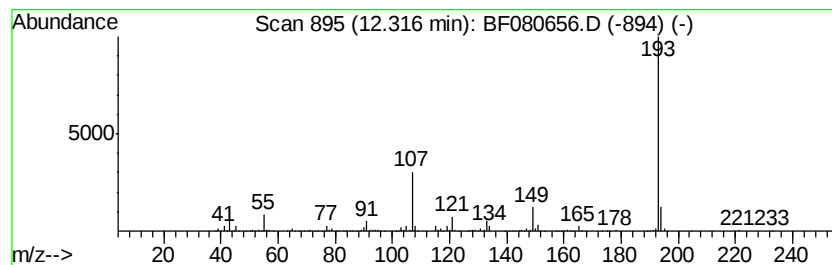
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Propenoic acid, 3-(3-nitr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	35.67 ng	998286	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 3-(3-nitrophen...	193	C9H7NO4	001772-76-5	52
2		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	42
3		Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	36
4		2-Butanone, 4-[2-isopropyl-5-met...	304	C20H32O2	1000196-43-1	23
5		Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
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ClientSampleId :
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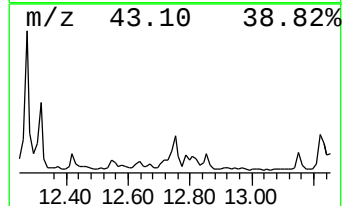
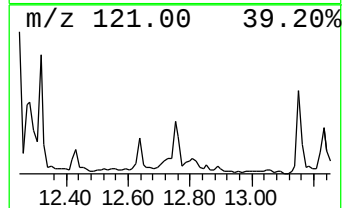
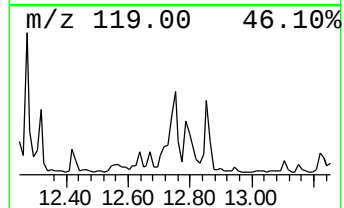
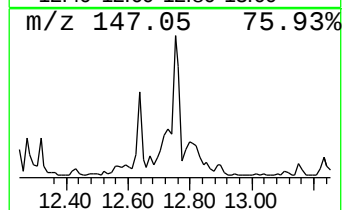
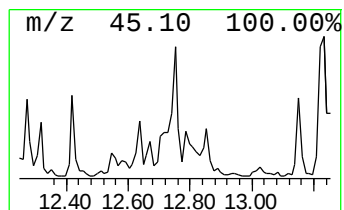
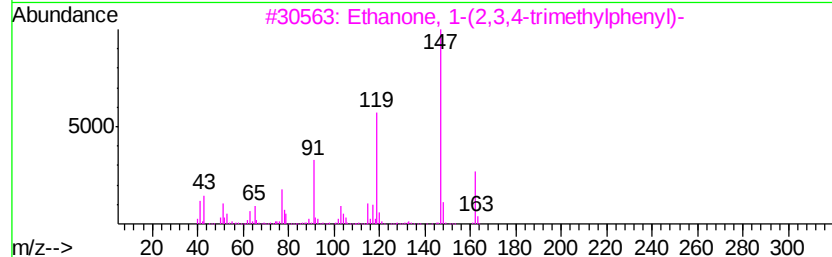
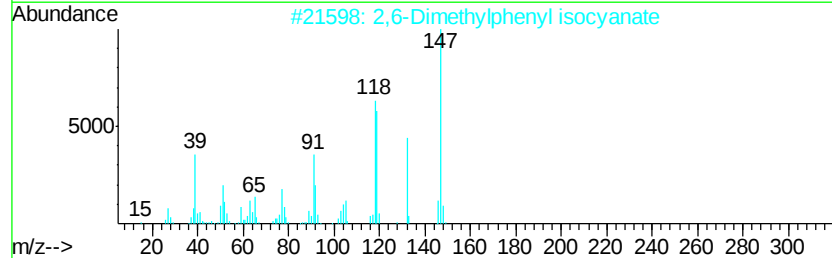
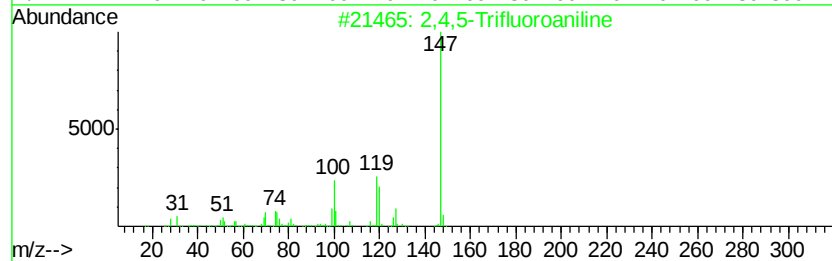
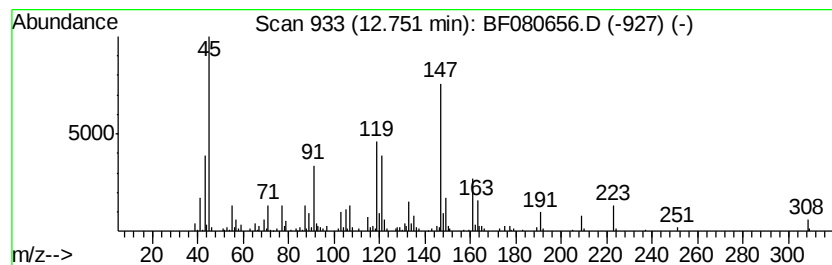
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	21.80 ng	610142	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,5-Trifluoroaniline	147	C6H4F3N	000367-34-0	27
2		2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	27
3		Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	25
4		Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	25
5		Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
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ClientSampleId :
MW-13-7-22-15

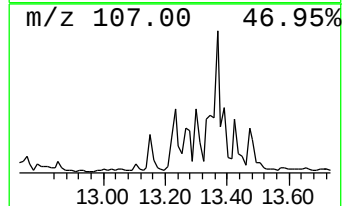
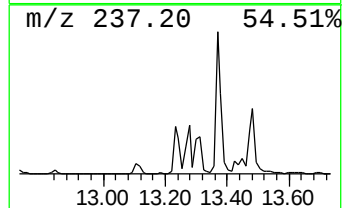
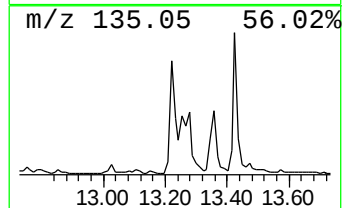
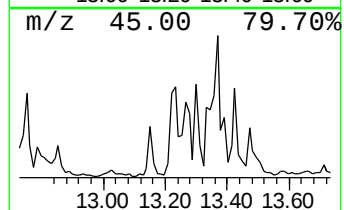
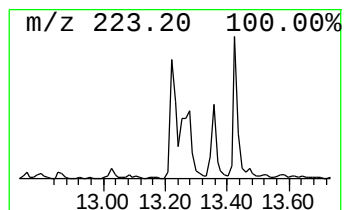
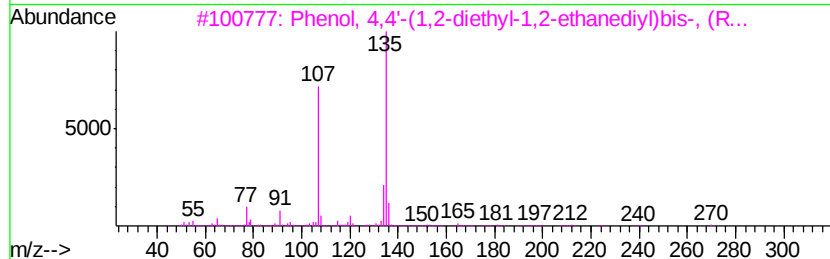
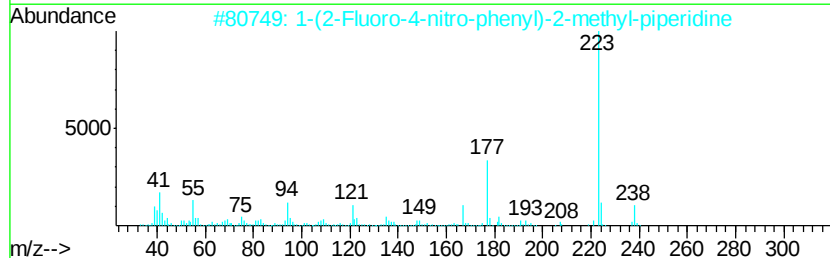
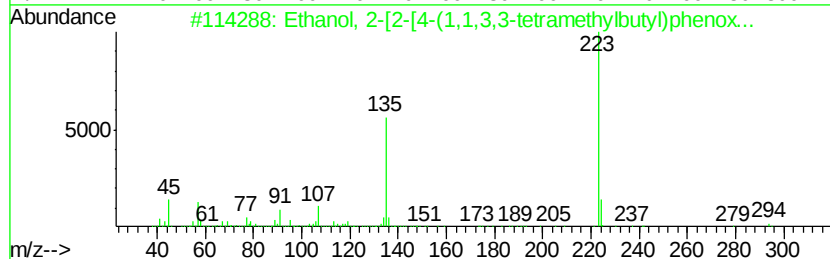
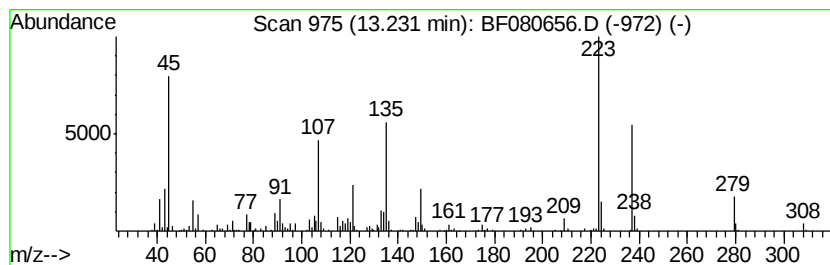
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown13.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	29.42 ng	772522	Chrysene-d12	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	43
2		1-(2-Fluoro-4-nitro-phenyl)-2-me...	238	C12H15FN2O2	1000278-20-9	14
3		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	10
4		Bentranil	223	C14H9NO2	001022-46-4	10
5		Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
MW-13-7-22-15

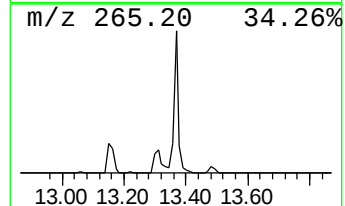
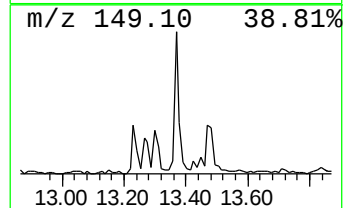
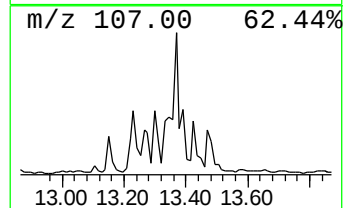
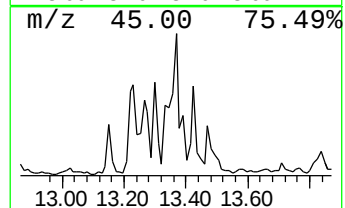
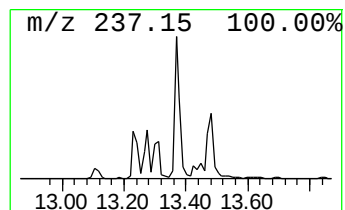
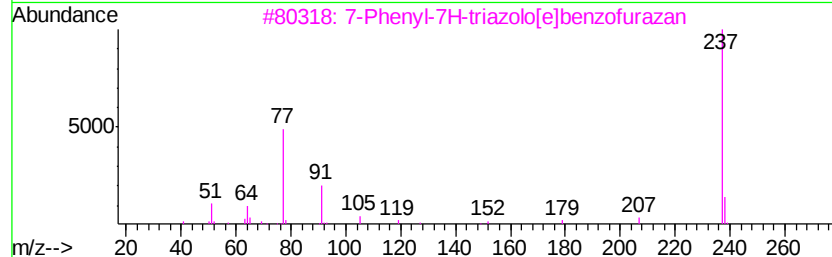
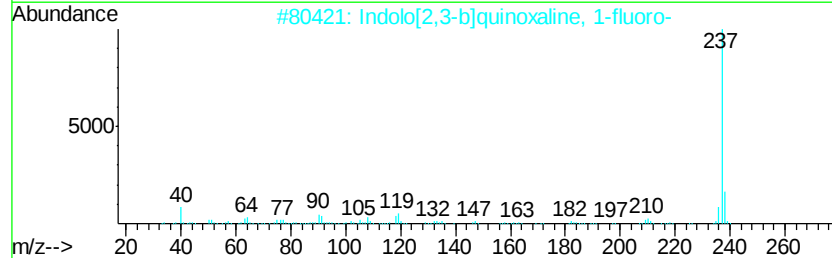
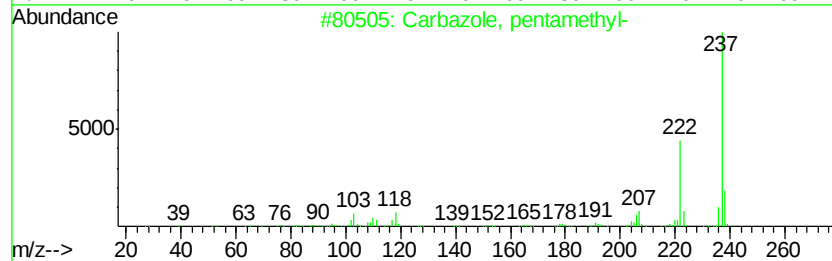
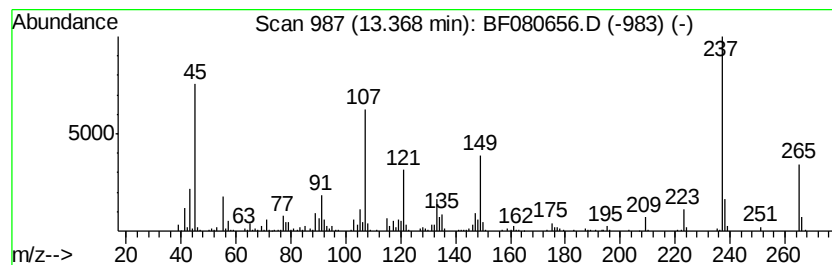
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	52.99 ng	1391610	Chrysene-d12	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbazole, pentamethyl-	237	C17H19N	027477-88-9	35
2		Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	14
3		7-Phenyl-7H-triazolo[e]benzofurazan	237	C12H7N5O	035142-93-9	14
4		2-p-Tolyliisoindole-1,3-dione	237	C15H11N02	002142-03-2	14
5		9,10-Anthracenedione, 1-amino-2-...	237	C15H11N02	000082-28-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080656.D
Acq On : 25 Jul 2015 7:56
Operator : TP/UM
Sample : G3079-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

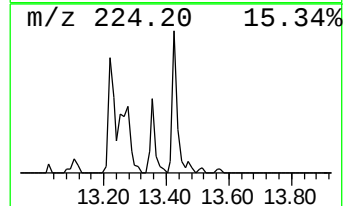
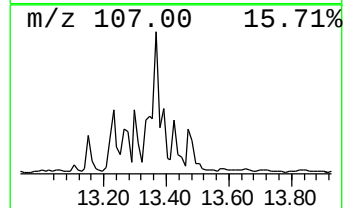
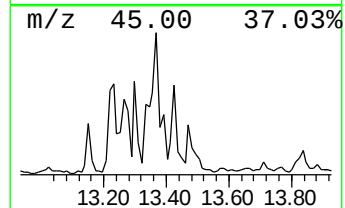
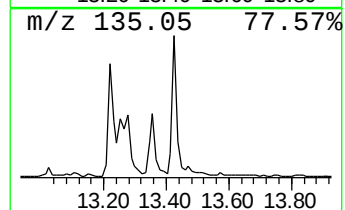
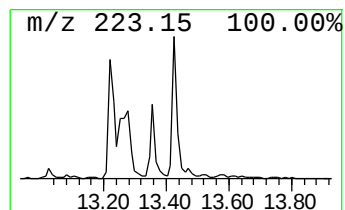
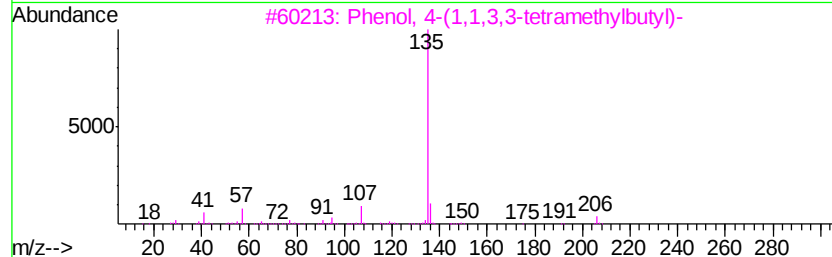
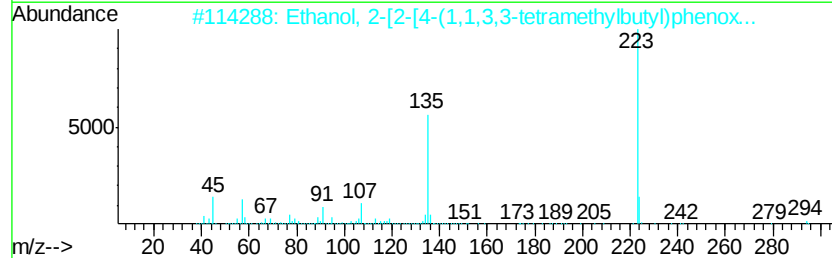
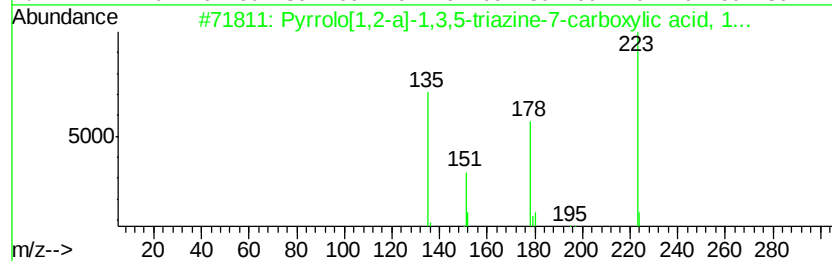
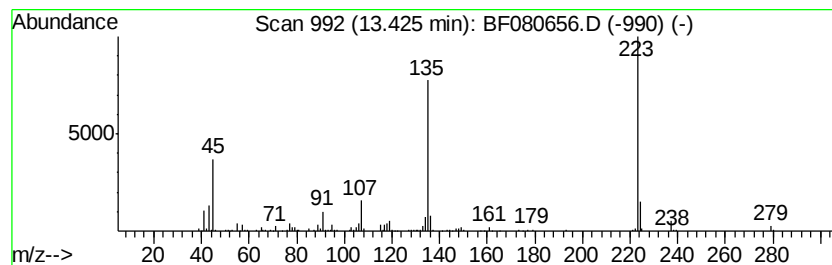
Instrument :
BNA_F
ClientSampleId :
MW-13-7-22-15

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 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.43	20.08 ng	527428	Chrysene-d12	14.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2		Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	58
3		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	35
4		2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	35
5		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080656.D
 Acq On : 25 Jul 2015 7:56
 Operator : TP/UM
 Sample : G3079-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-7-22-15

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
unknown6.69	6.69	57.3	ng	1105900	1	6.93	386061	20.0
Benzene, 1,2,3-tr...	6.75	23.8	ng	459909	1	6.93	386061	20.0
Benzene, 1-ethyl-...	6.99	24.3	ng	468760	1	6.93	386061	20.0
Tri(1,2-propylene...	8.73	35.9	ng	1064340	2	8.21	593678	20.0
Phenol, 4-(1,1,3,...	10.94	27.4	ng	766145	4	11.46	559798	20.0
Phenol, 2-(1,1-di...	10.98	32.8	ng	917915	4	11.46	559798	20.0
Phenol, m-tert-bu...	11.01	19.4	ng	543272	4	11.46	559798	20.0
Phenol, 4-(1,1-di...	11.16	25.2	ng	706030	4	11.46	559798	20.0
unknown12.01	12.01	28.1	ng	786721	4	11.46	559798	20.0
2-(4-Formyl-pheno...	12.06	55.1	ng	1543750	4	11.46	559798	20.0
unknown12.09	12.09	119.7	ng	3349040	4	11.46	559798	20.0
unknown12.14	12.14	68.6	ng	1920310	4	11.46	559798	20.0
unknown12.21	12.21	122.4	ng	3426310	4	11.46	559798	20.0
Ethanol, 2-[4-(1,...	12.27	83.7	ng	2342080	4	11.46	559798	20.0
2-Propenoic acid,...	12.32	35.7	ng	998286	4	11.46	559798	20.0
unknown12.75	12.75	21.8	ng	610142	4	11.46	559798	20.0
unknown13.23	13.23	29.4	ng	772522	5	14.32	525256	20.0
unknown13.37	13.37	53.0	ng	1391610	5	14.32	525256	20.0
Pyrrolo[1,2-a]-1,...	13.43	20.1	ng	527428	5	14.32	525256	20.0