

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
 Data File : BF083522.D
 Acq On : 5 Dec 2015 23:18
 Operator : UM/IZ
 Sample : G4588-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

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-BF120415.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	3.584	164	166	177	rVB	222835	391530	6.84%	0.383%
2	4.030	203	205	213	rBV	1366945	1902693	33.22%	1.860%
3	4.659	255	260	263	rBV2	55784	108498	1.89%	0.106%
4	5.036	291	293	296	rVB	55991	75564	1.32%	0.074%
5	5.116	296	300	304	rBV2	31633	86289	1.51%	0.084%
6	5.321	316	318	325	rBV	848328	1302846	22.75%	1.274%
7	5.459	327	330	336	rBV	3046087	3598757	62.84%	3.518%
8	5.550	336	338	340	rBV2	53993	107007	1.87%	0.105%
9	5.584	340	341	344	rVB2	68721	94376	1.65%	0.092%
10	5.710	347	352	355	rBV3	119082	313276	5.47%	0.306%
11	5.767	355	357	362	rVB	763387	947858	16.55%	0.927%
12	5.904	366	369	373	rVB2	38540	70283	1.23%	0.069%
13	5.984	373	376	381	rBV	2787350	3540983	61.83%	3.462%
14	6.144	388	390	392	rVB2	99145	116363	2.03%	0.114%
15	6.270	396	401	403	rBV	250394	368654	6.44%	0.360%
16	6.522	421	423	424	rBV	175005	213321	3.72%	0.209%
17	6.602	426	430	432	rBV	1858529	2874596	50.19%	2.810%
18	6.659	433	435	437	rVB3	74636	117906	2.06%	0.115%
19	6.716	437	440	444	rBV4	85955	216441	3.78%	0.212%
20	6.784	444	446	449	rVB2	92077	139846	2.44%	0.137%
21	6.922	455	458	460	rBV	292805	370852	6.48%	0.363%
22	6.956	460	461	465	rVB3	128538	226632	3.96%	0.222%
23	7.036	465	468	471	rVB3	173074	331553	5.79%	0.324%
24	7.104	471	474	476	rBV3	132850	252351	4.41%	0.247%
25	7.184	476	481	485	rBV3	209548	578754	10.11%	0.566%
26	7.287	487	490	493	rBV2	167590	326715	5.70%	0.319%
27	7.367	495	497	500	rVB2	82699	149528	2.61%	0.146%
28	7.425	500	502	508	rVB6	103188	271816	4.75%	0.266%
29	7.516	508	510	512	rBV2	70170	120261	2.10%	0.118%
30	7.550	512	513	515	rVB2	68591	78673	1.37%	0.077%
31	7.596	515	517	519	rBV2	57237	70921	1.24%	0.069%
32	7.676	521	524	526	rBV	811290	1417756	24.76%	1.386%
33	7.722	526	528	534	rVB3	368730	1031359	18.01%	1.008%
34	7.802	534	535	538	rVB2	87841	130523	2.28%	0.128%

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35	7.859	538	540	542	rVB3	109279	148753	2.60%	0.145%
36	7.905	542	544	546	rBV	71616	69839	1.22%	0.068%
37	7.950	546	548	549	rBV2	38709	67387	1.18%	0.066%
38	7.996	549	552	554	rBV3	264158	467382	8.16%	0.457%
39	8.065	556	558	561	rBV2	278690	358145	6.25%	0.350%
40	8.133	561	564	566	rBV2	330947	625175	10.92%	0.611%
41	8.167	566	567	571	rVB3	216031	568907	9.93%	0.556%
42	8.247	571	574	575	rBV2	61290	124727	2.18%	0.122%
43	8.270	575	576	578	rVB	161460	165002	2.88%	0.161%
44	8.430	581	590	592	rBV7	375474	1402019	24.48%	1.371%
45	8.499	595	596	599	rVB	239432	275719	4.81%	0.270%
46	8.590	600	604	606	rBV4	150769	365496	6.38%	0.357%
47	8.682	610	612	619	rBV4	355742	1340601	23.41%	1.311%
48	8.785	619	621	624	rVB3	363687	595356	10.40%	0.582%
49	8.853	624	627	629	rBV2	126432	224973	3.93%	0.220%
50	8.910	629	632	635	rBV4	226047	438445	7.66%	0.429%
51	9.013	635	641	646	rBV5	483964	1927930	33.66%	1.885%
52	9.139	650	652	654	rVV2	201021	331331	5.79%	0.324%
53	9.230	657	660	664	rVV6	183676	438785	7.66%	0.429%
54	9.310	664	667	670	rVV3	628799	994037	17.36%	0.972%
55	9.425	673	677	679	rVV	3273810	5645775	98.58%	5.519%
56	9.493	682	683	687	rVB4	259094	384299	6.71%	0.376%
57	9.642	693	696	698	rBV2	426269	560020	9.78%	0.547%
58	9.688	698	700	704	rVV4	170066	423140	7.39%	0.414%
59	9.916	718	720	723	rBV3	298386	585398	10.22%	0.572%
60	9.996	725	727	729	rVV2	238944	420280	7.34%	0.411%
61	10.099	733	736	738	rVV3	241411	700624	12.23%	0.685%
62	10.145	738	740	742	rVB3	325865	507801	8.87%	0.496%
63	10.282	750	752	754	rBV2	404021	592432	10.34%	0.579%
64	10.328	754	756	759	rVB3	199378	316783	5.53%	0.310%
65	10.465	763	768	771	rBV	1149701	2118832	37.00%	2.071%
66	10.682	784	787	789	rVB3	225490	422986	7.39%	0.414%
67	10.762	792	794	797	rBV4	142530	242687	4.24%	0.237%
68	10.968	809	812	814	rBV2	154340	335949	5.87%	0.328%
69	11.048	817	819	821	rBV2	290287	587450	10.26%	0.574%
70	11.208	829	833	835	rBV	590157	1315050	22.96%	1.286%
71	11.253	835	837	839	rVB	478745	644303	11.25%	0.630%

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72	11.333	842	844	851	rVB5	444799	1285571	22.45%	1.257%
73	11.482	853	857	861	rBV3	354261	952774	16.64%	0.931%
74	11.551	861	863	865	rVB2	167904	212757	3.72%	0.208%
75	11.596	865	867	868	rBV2	223937	349682	6.11%	0.342%
76	11.756	878	881	884	rBV	2203764	3461729	60.45%	3.384%
77	11.825	884	887	888	rVV2	451808	1008618	17.61%	0.986%
78	11.894	888	893	896	rVV4	1004590	3480194	60.77%	3.402%
79	11.939	896	897	900	rVB3	238397	351413	6.14%	0.344%
80	12.076	907	909	913	rVB	1102604	1573792	27.48%	1.539%
81	12.156	913	916	919	rVV	2221908	3699259	64.59%	3.616%
82	12.225	919	922	924	rVV2	2618965	5726863	100.00%	5.599%
83	12.282	924	927	931	rVB2	1864302	5534687	96.64%	5.411%
84	12.374	932	935	939	rVV2	1611485	3544968	61.90%	3.466%
85	12.442	939	941	945	rVV3	2037713	3999437	69.84%	3.910%
86	12.511	945	947	950	rVV	2396174	4217320	73.64%	4.123%
87	12.568	950	952	957	rVB2	1595492	3044169	53.16%	2.976%
88	12.694	961	963	965	rBV2	173212	284909	4.97%	0.279%
89	12.865	976	978	983	rVB	985822	1434099	25.04%	1.402%
90	13.631	1043	1045	1049	rBV2	417799	765672	13.37%	0.749%
91	13.939	1070	1072	1075	rBV	346387	529633	9.25%	0.518%
92	14.157	1088	1091	1092	rBV2	156015	287256	5.02%	0.281%
93	14.225	1095	1097	1100	rBV	373902	572983	10.01%	0.560%
94	14.465	1116	1118	1128	rVB5	158789	464561	8.11%	0.454%
95	15.208	1180	1183	1186	rBV2	480586	732355	12.79%	0.716%
96	15.494	1204	1208	1211	rBV	2934540	4155824	72.57%	4.063%
97	16.191	1267	1269	1272	rVB4	59098	78429	1.37%	0.077%
98	16.980	1336	1338	1342	rBV4	52731	95194	1.66%	0.093%
99	17.048	1342	1344	1348	rVB	746438	905298	15.81%	0.885%
100	18.671	1484	1486	1491	rVB	637928	861135	15.04%	0.842%

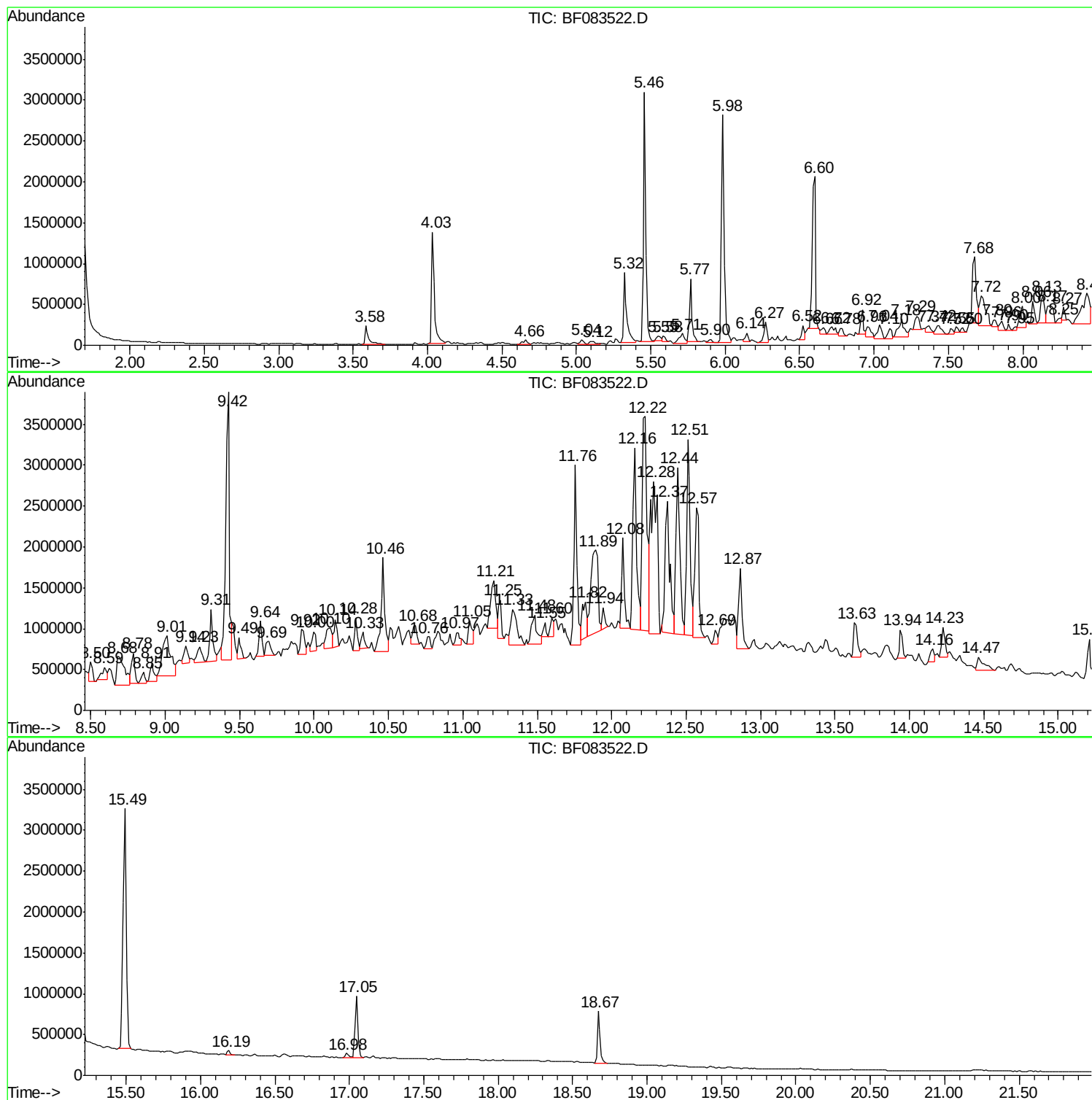
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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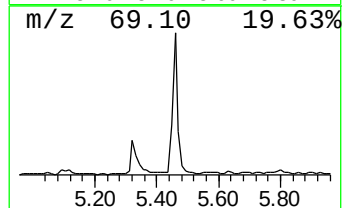
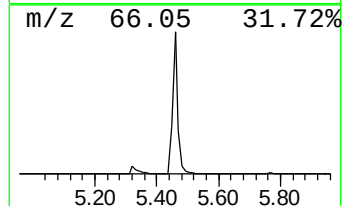
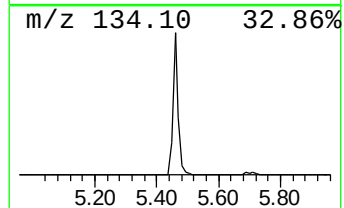
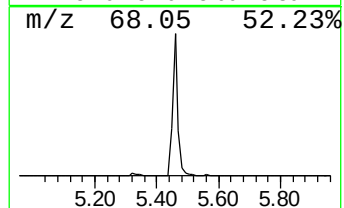
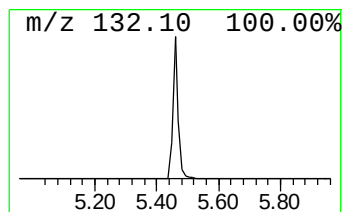
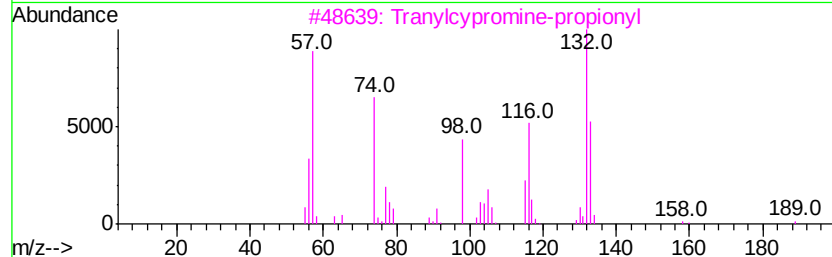
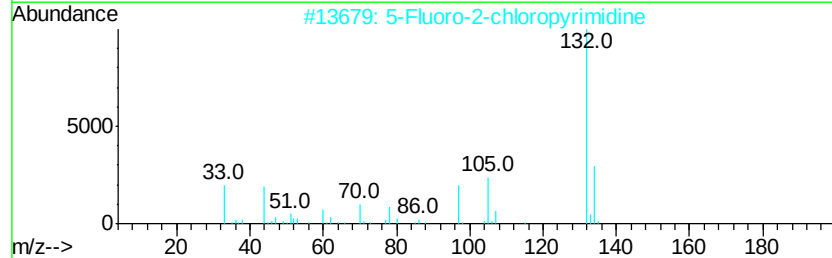
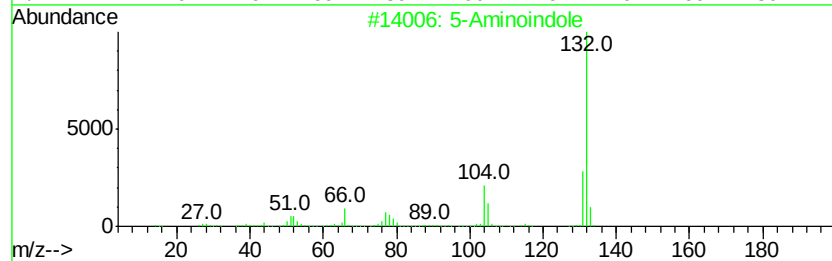
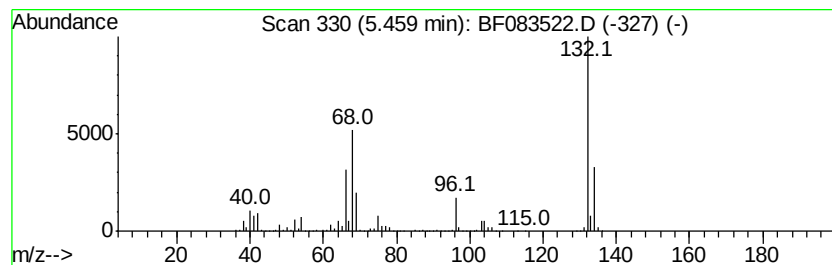
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	75.93 ng	3598760	1,4-Dichlorobenzene-d4	5.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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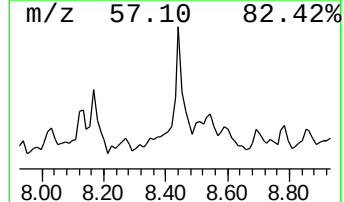
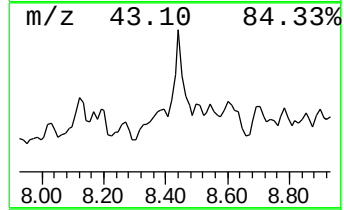
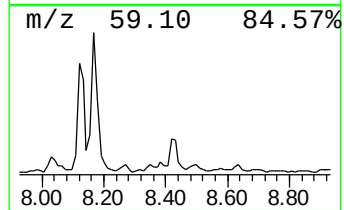
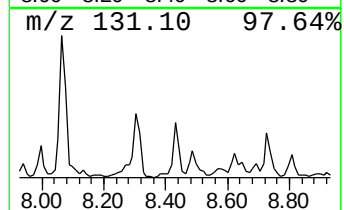
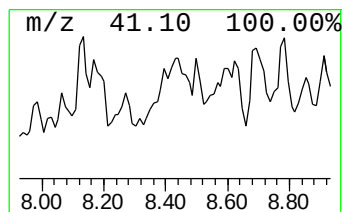
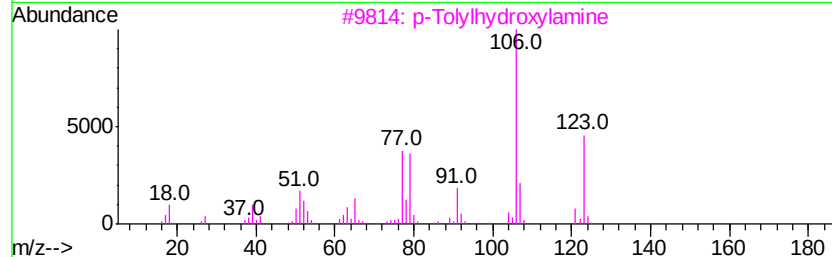
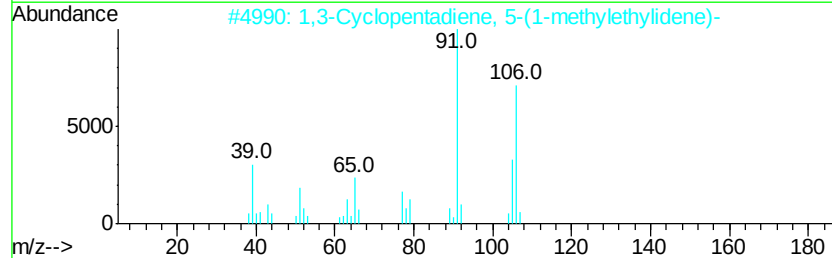
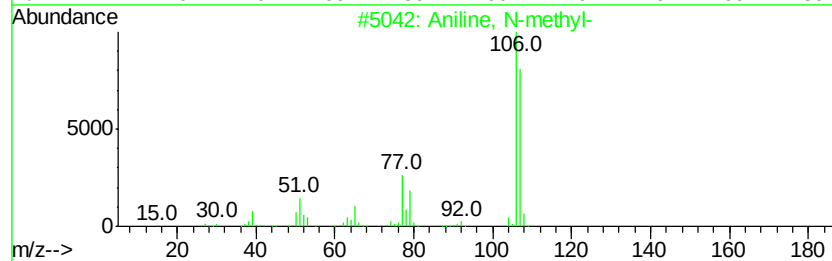
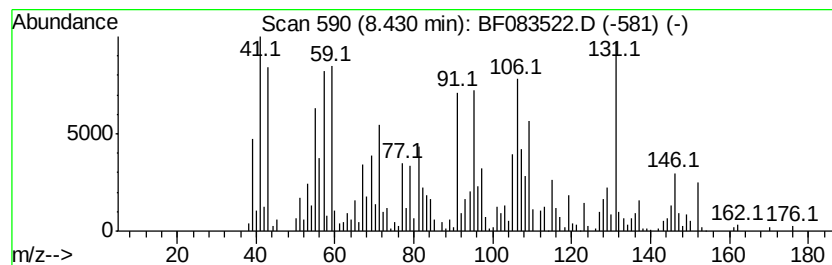
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.43 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	19.78 ng	1402020	Napthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aniline, N-methyl-	107	C7H9N	000100-61-8	40
2		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	25
3		p-Tolylhydroxylamine	123	C7H9NO	000623-10-9	25
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	15



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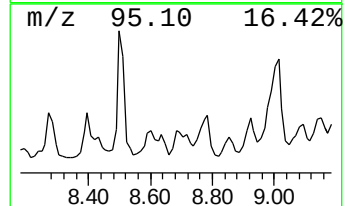
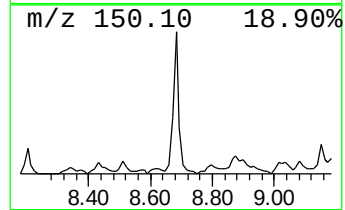
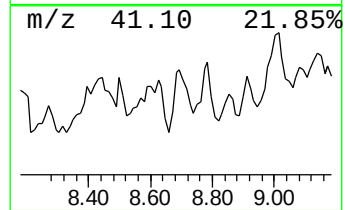
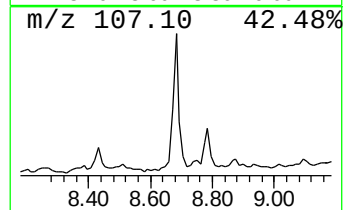
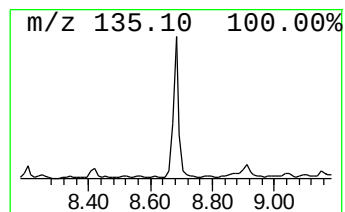
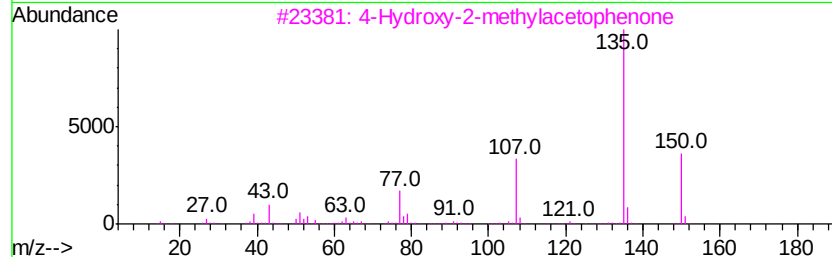
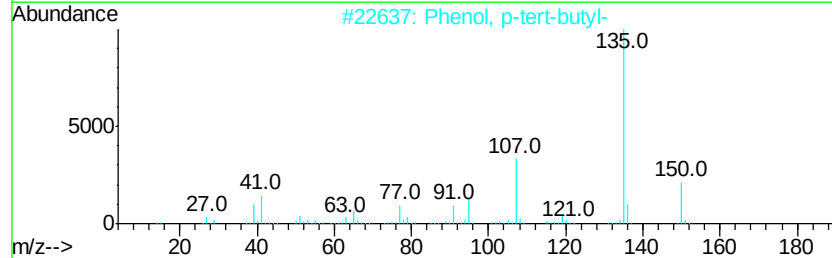
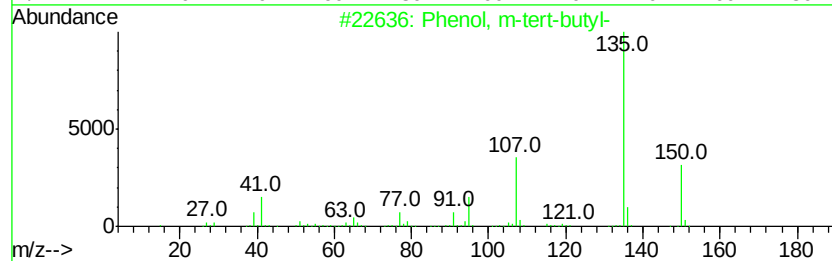
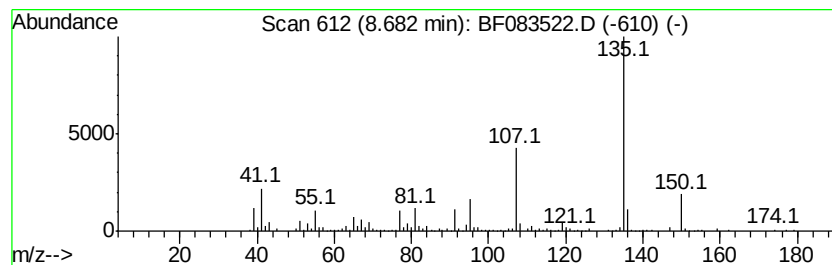
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Phenol, m-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	18.91 ng	1340600	Napthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
2		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3		4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	64
4		Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
5		2-Aziridinone, 1-(1-adamantyl)-3...	273	C18H27NO	026905-18-0	50



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Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

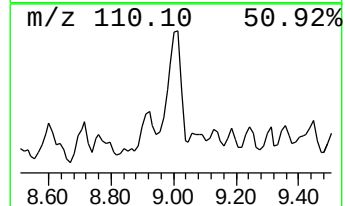
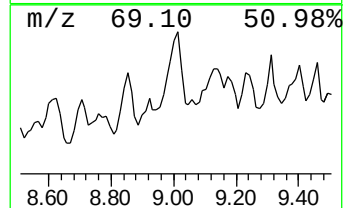
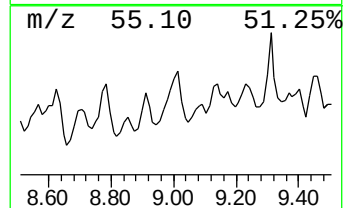
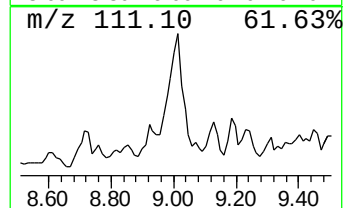
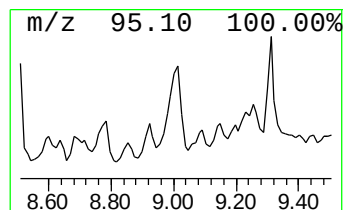
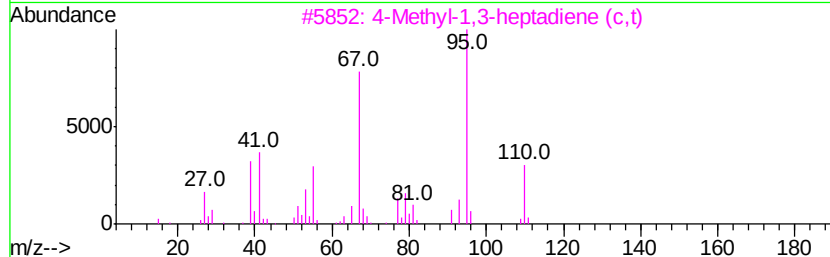
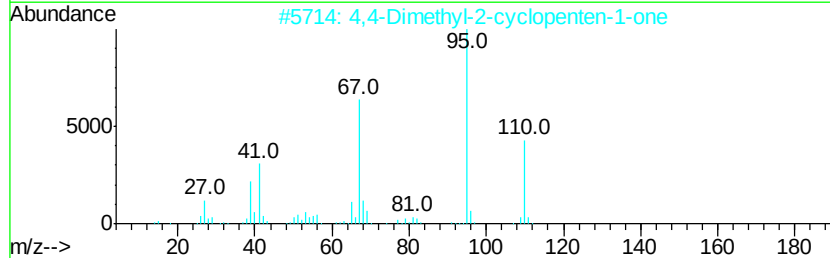
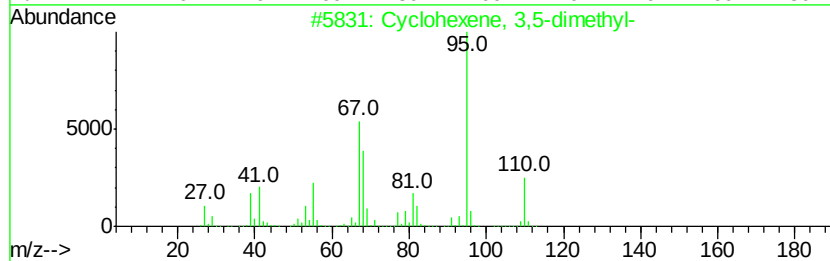
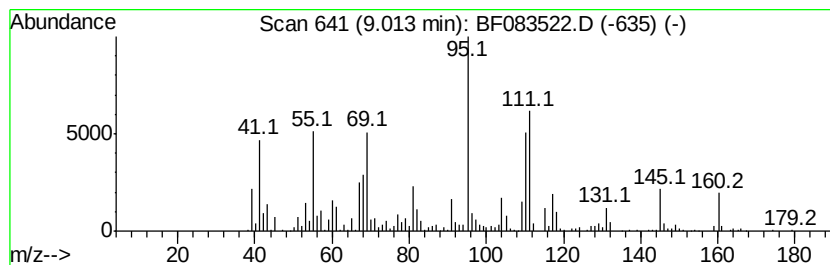
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	27.20 ng	1927930	Napthalene-d8	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	43
2		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	38
3		4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	38
4		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
5		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-06

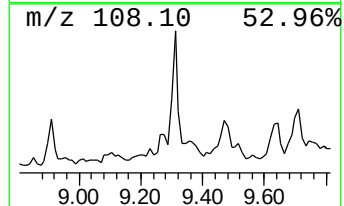
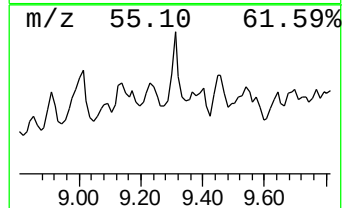
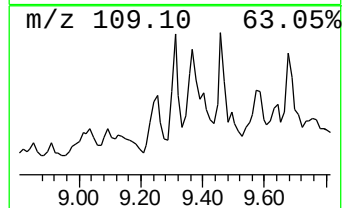
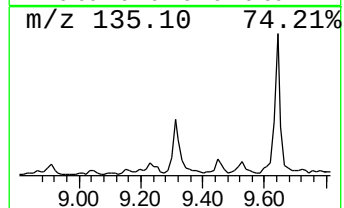
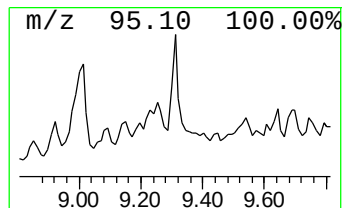
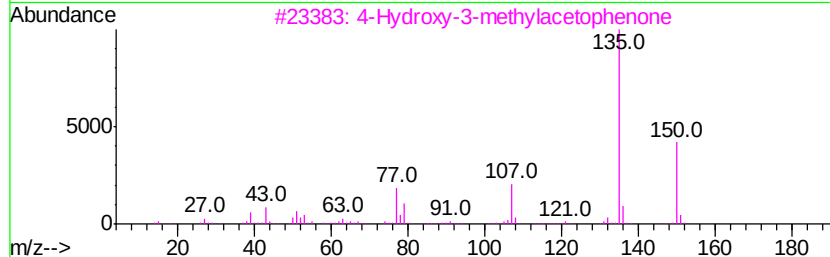
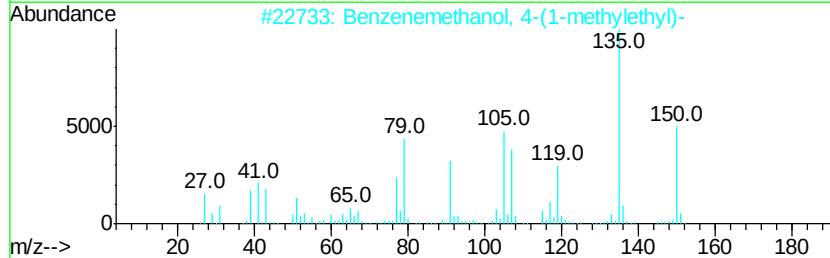
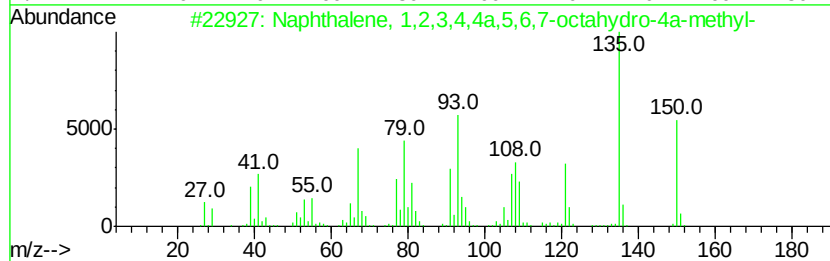
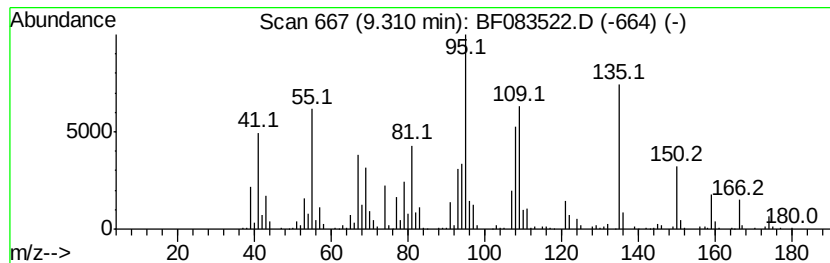
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.31 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	9.38 ng	994037	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	46
2		Benzenemethanol, 4-(1-methylethyl)-	150	C10H14O	000536-60-7	30
3		4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	30
4		Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	25
5		cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

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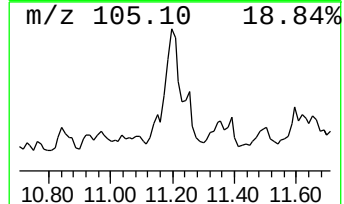
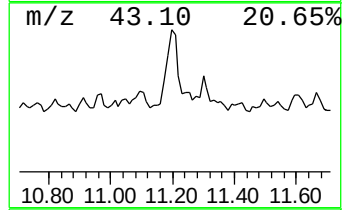
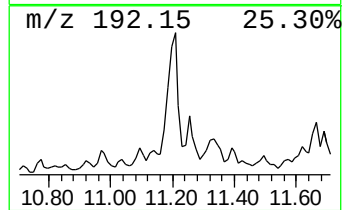
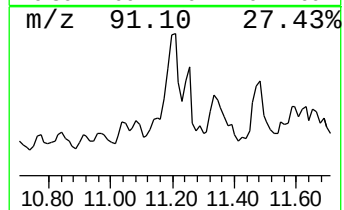
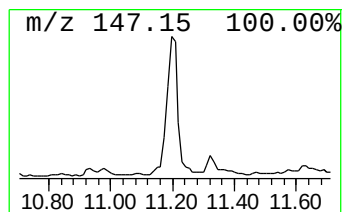
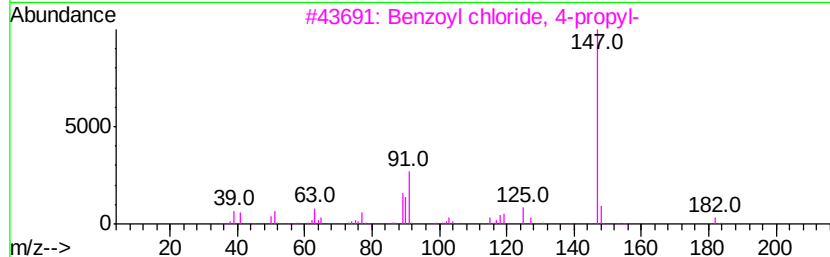
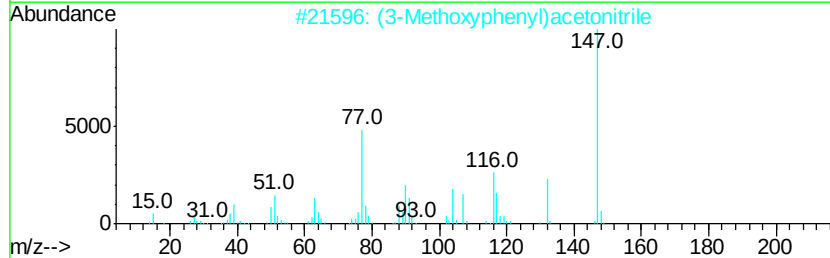
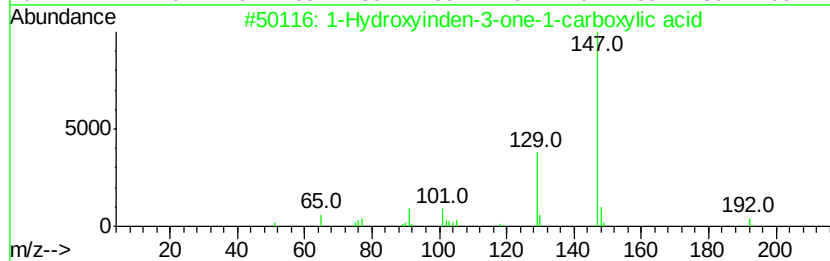
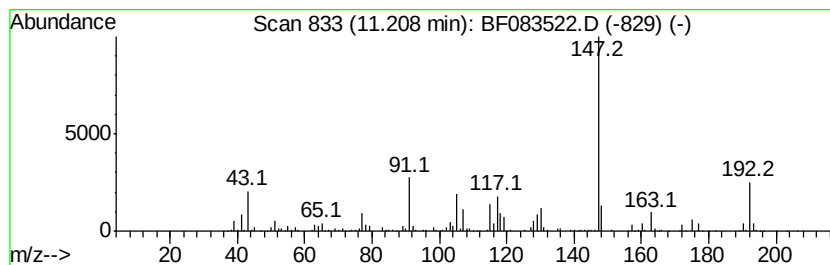
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hydroxyinden-3-one-1-carb... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	12.41 ng	1315050	Acenaphthene-d10	10.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	58
2		(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
3		Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47
4		2-(5-Methyl-[1,3,4]thiadiazol-2-...	292	C14H16N2OS2	1000296-87-8	47
5		Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FN02	086776-51-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

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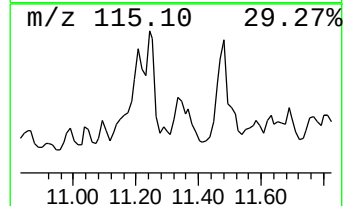
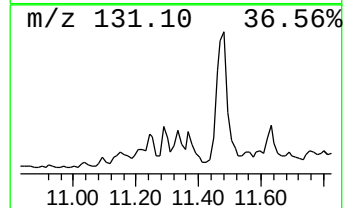
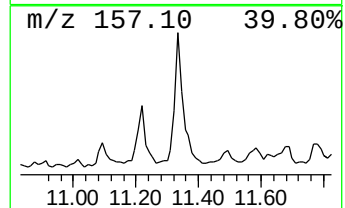
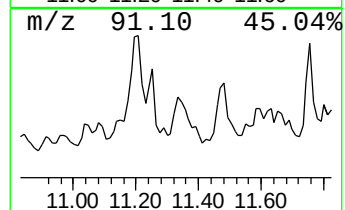
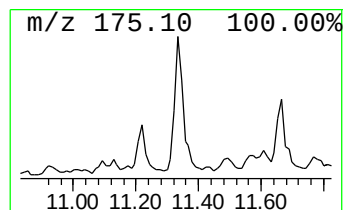
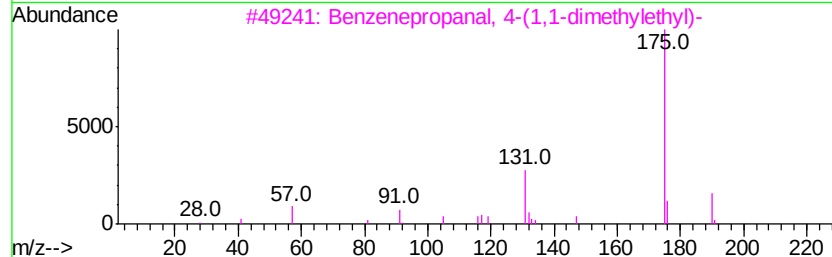
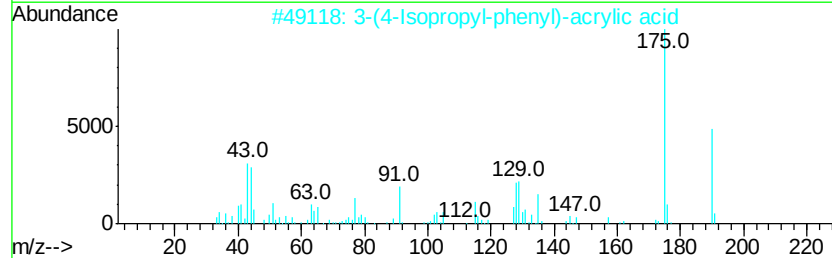
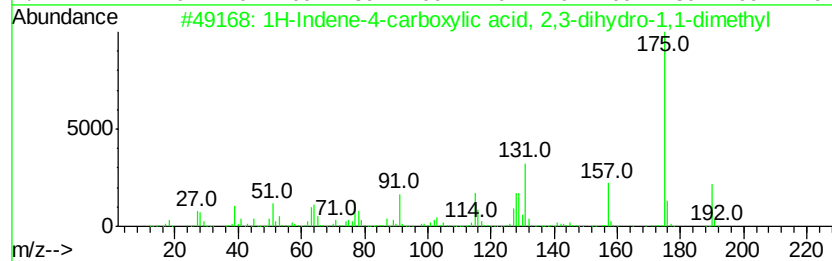
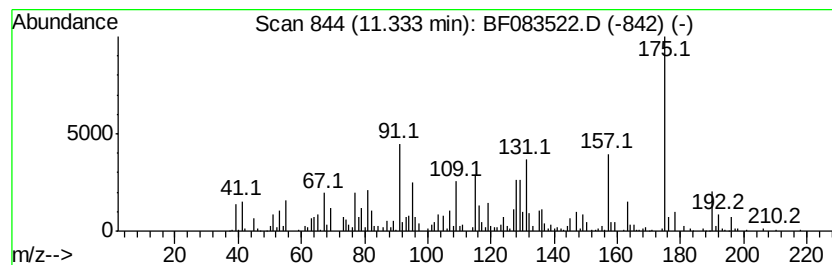
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene-4-carboxylic acid... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	12.13 ng	1285570	Acenaphthene-d10	10.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-4-carboxylic acid, 2,3...	190	C12H14O2	055712-38-4	53
2		3-(4-Isopropyl-phenyl)-acrylic acid	190	C12H14O2	1000294-81-6	49
3		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	35
4		1H-Indole-2-carboxylic acid, 1-m...	175	C10H9NO2	016136-58-6	35
5		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
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Misc :
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ClientSampleId :
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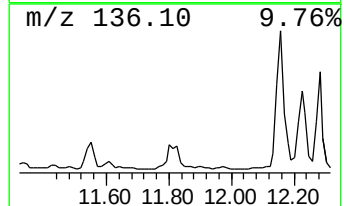
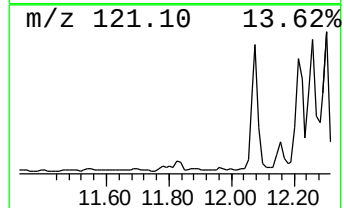
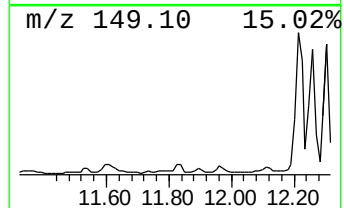
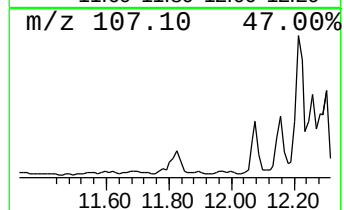
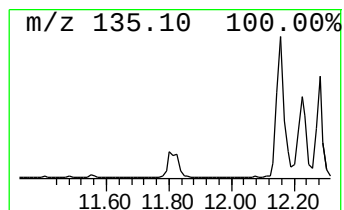
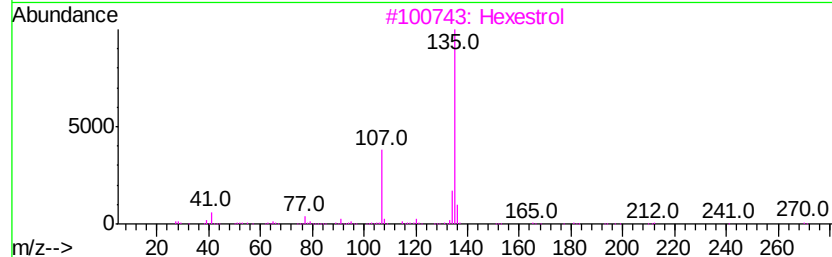
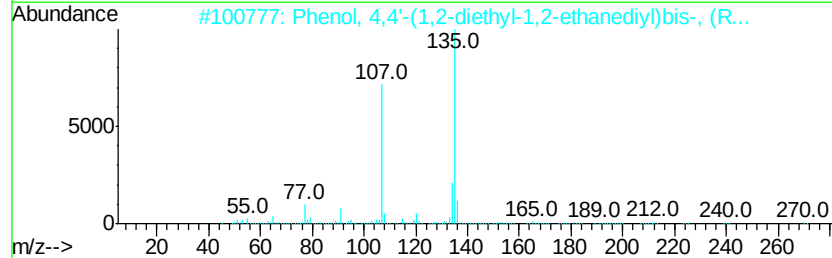
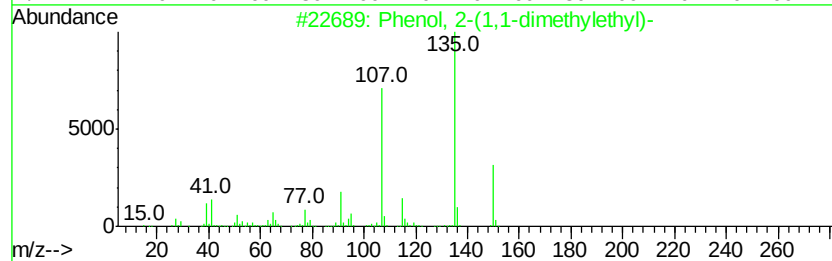
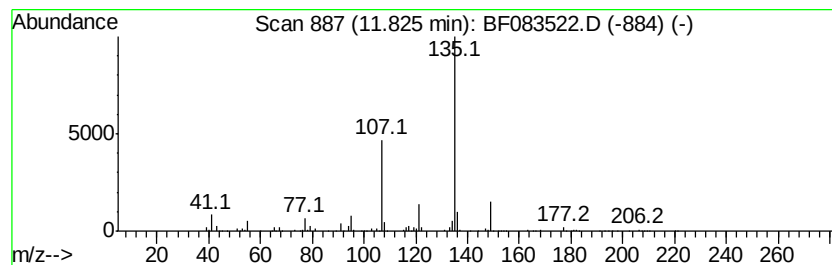
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	14.07 ng	1008620	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	64
2		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	64
3		Hexestrol	270	C18H22O2	005635-50-7	64
4		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
5		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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Sample : G4588-19
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ClientSampleId :
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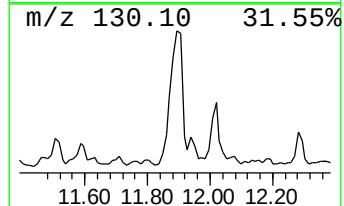
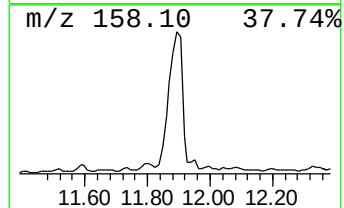
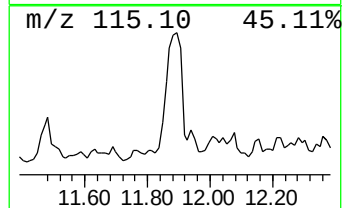
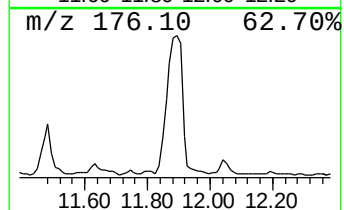
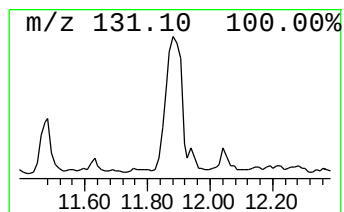
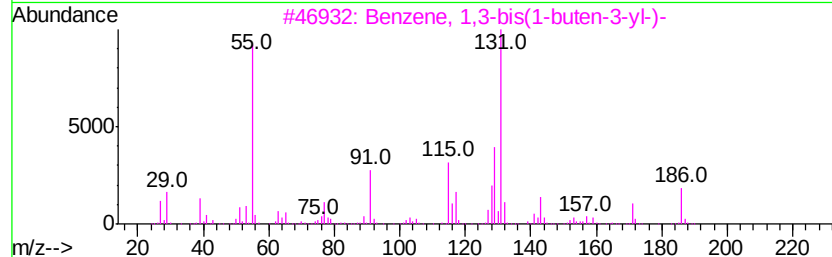
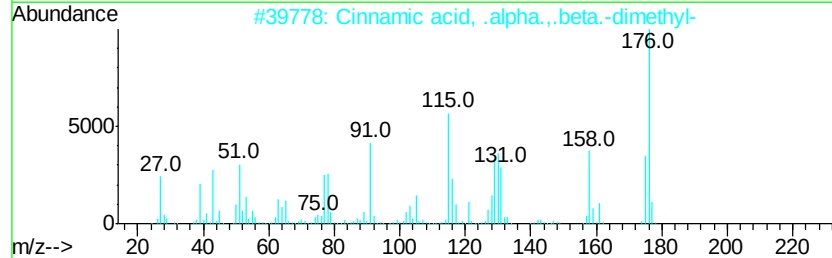
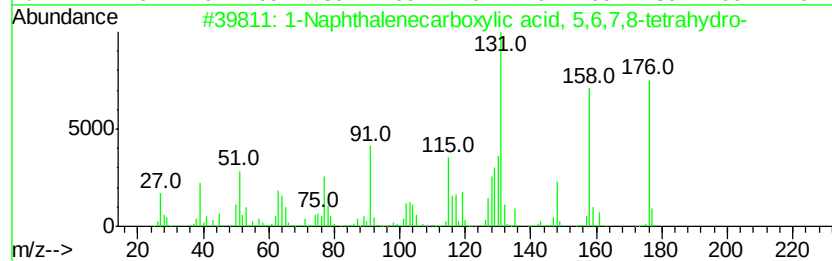
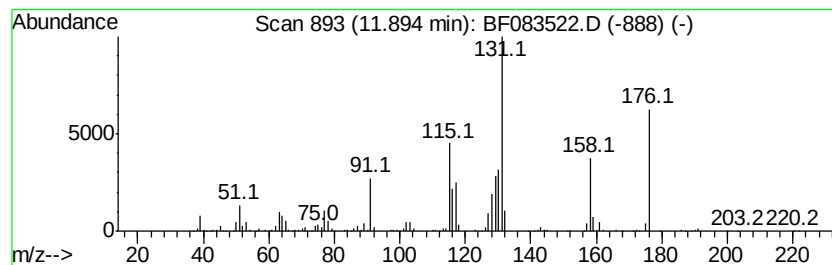
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Naphthalenecarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	48.53 ng	3480190	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	53
2		Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	40
3		Benzene, 1,3-bis(1-buten-3-yl)-	186	C14H18	158117-62-5	37
4		Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	35
5		[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
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Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

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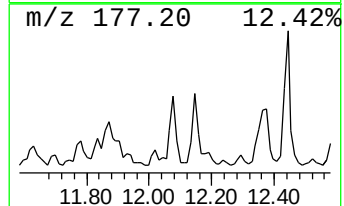
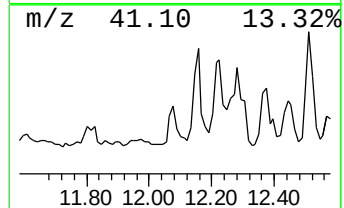
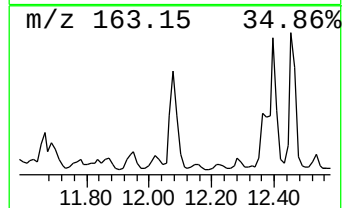
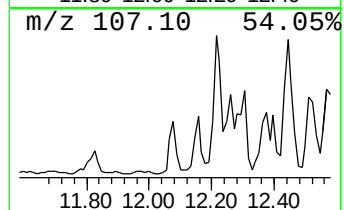
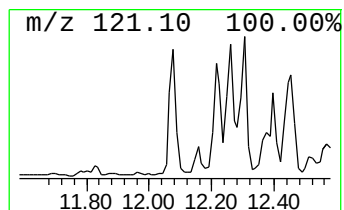
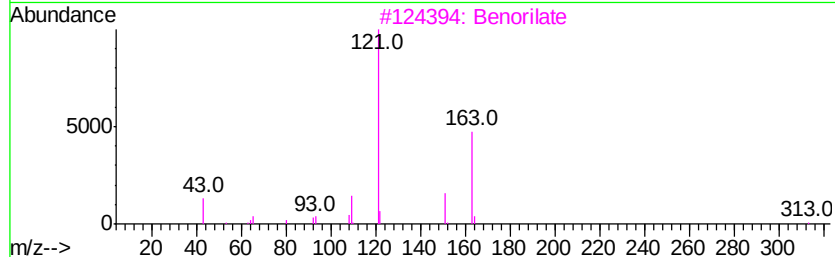
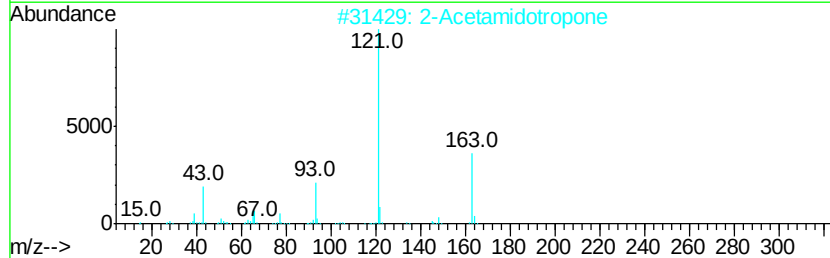
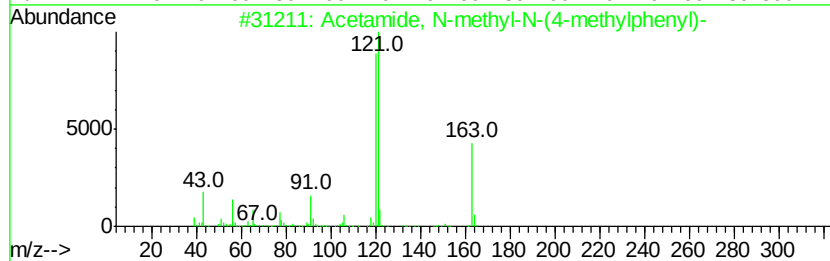
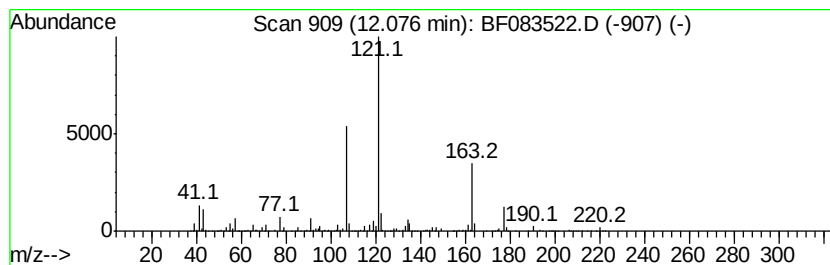
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Acetamide, N-methyl-N-(4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	21.95 ng	1573790	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	50
2		2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3		Benorilate	313	C17H15NO5	005003-48-5	47
4		N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
5		Benzene, 1-(2-bromoethyl)-4-meth...	214	C9H11BrO	014425-64-0	43



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Operator : UM/IZ
Sample : G4588-19
Misc :
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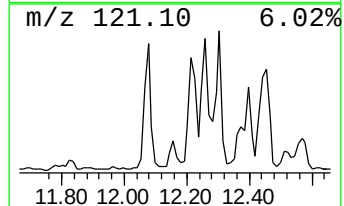
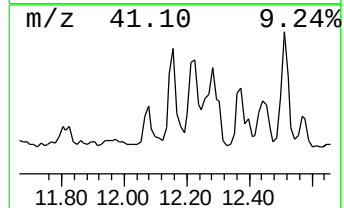
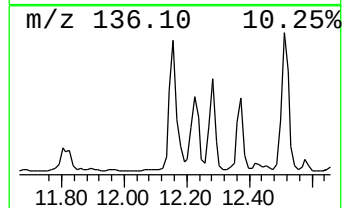
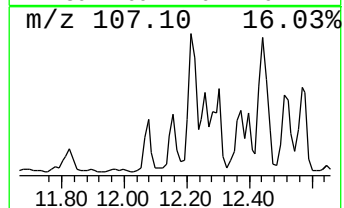
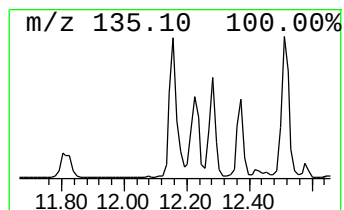
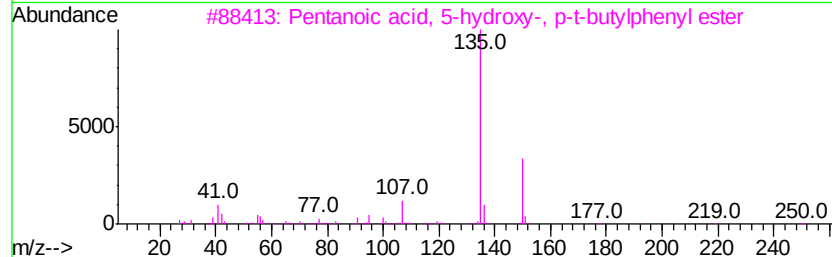
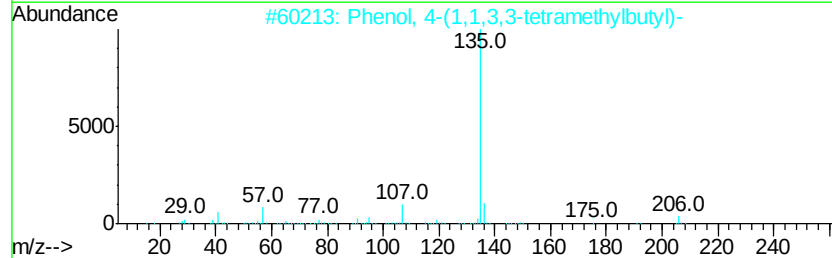
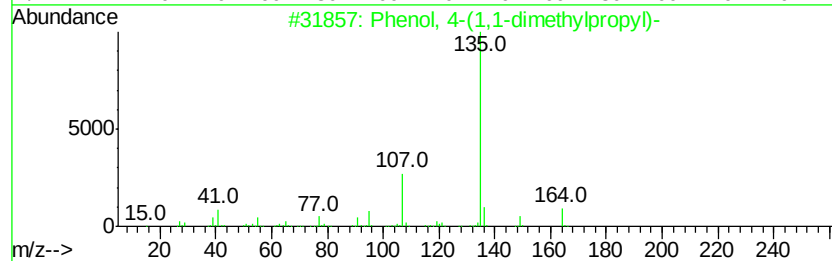
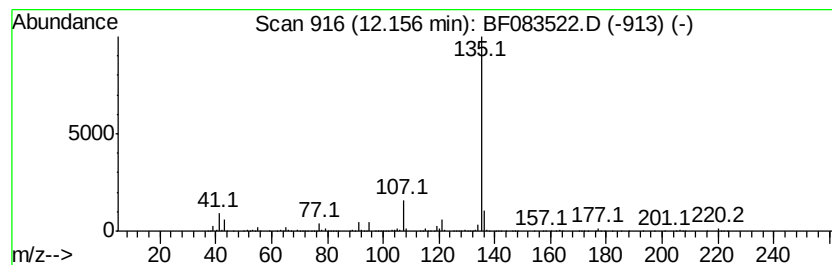
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.16	51.59 ng	3699260	Phenanthrene-d10	12.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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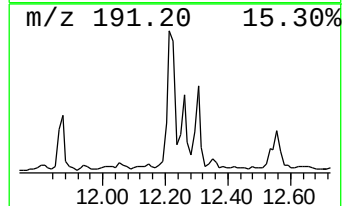
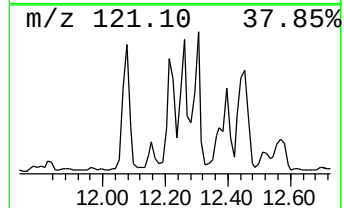
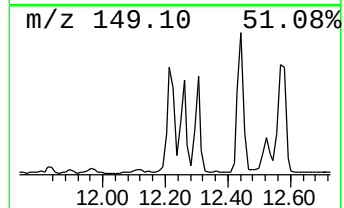
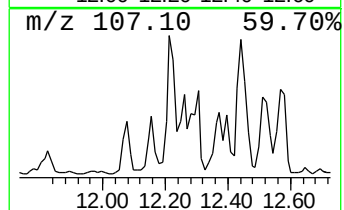
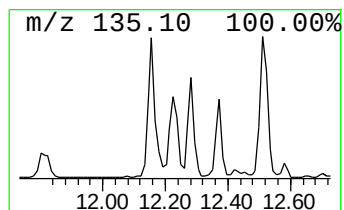
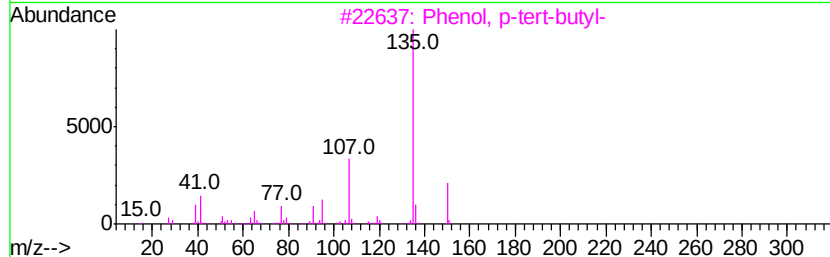
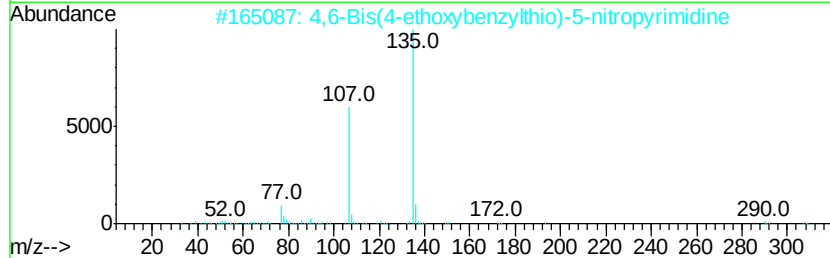
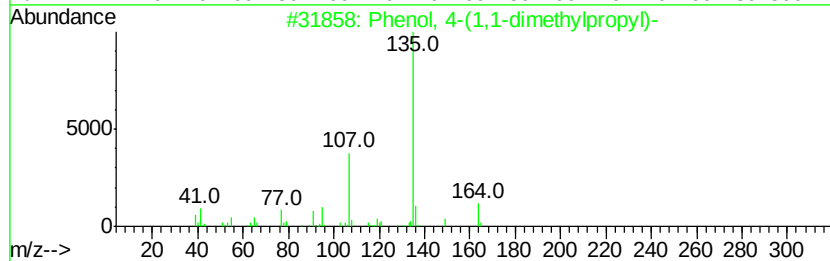
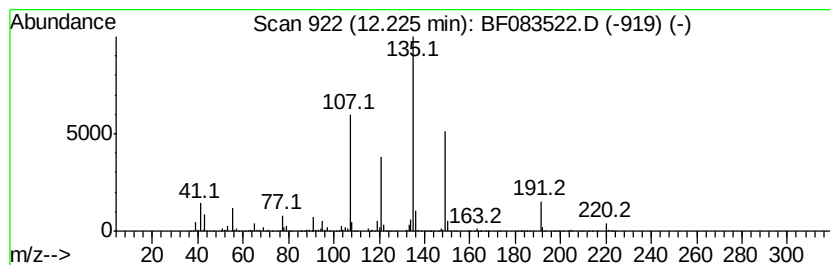
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,6-Bis(4-ethoxybenzylthio)... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	79.87 ng	5726860	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	58
2		4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
4		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50
5		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
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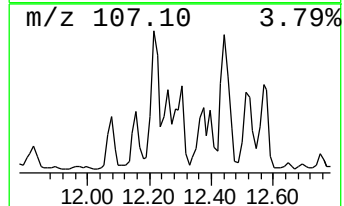
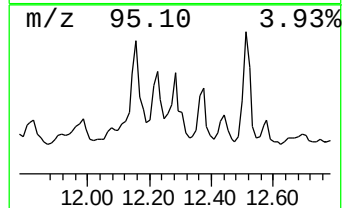
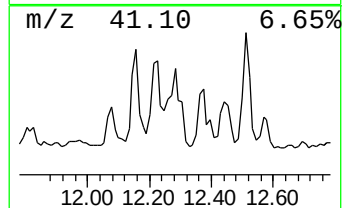
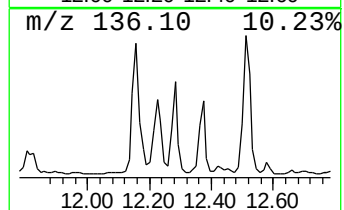
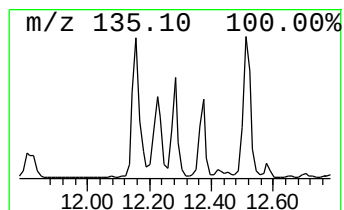
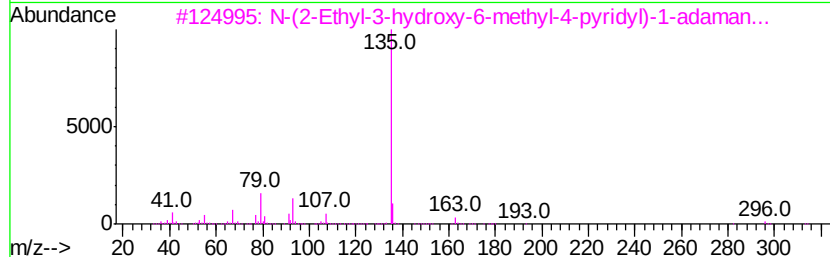
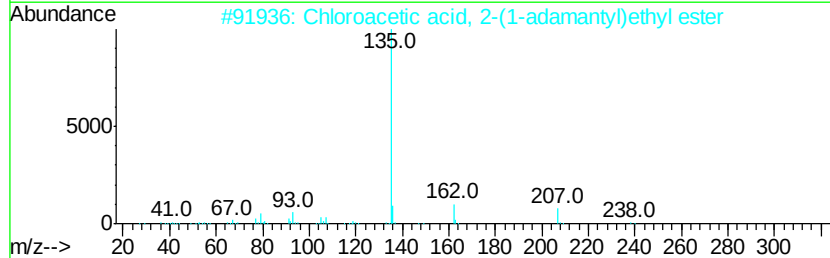
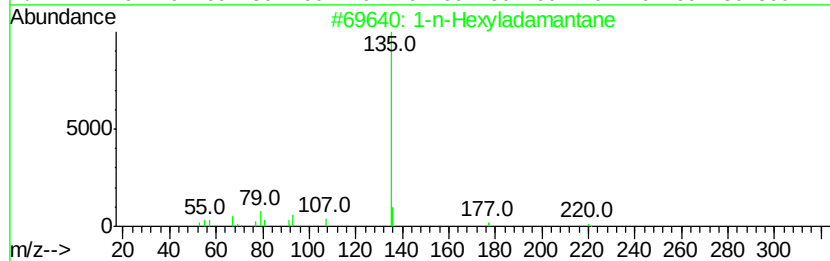
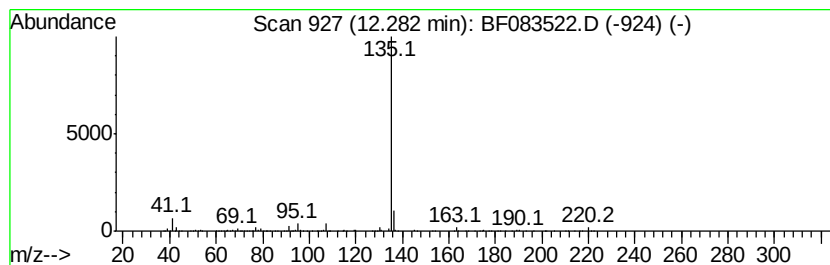
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-n-Hexyladamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	77.19 ng	5534690	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-n-Hexyladamantane	220	C16H28	022458-75-9	80
2		Chloroacetic acid, 2-(1-adamanty...	256	C14H21ClO2	1000282-92-9	56
3		N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	39
4		Benzoic acid, 4-methoxy-, phenyl...	228	C14H12O3	004181-97-9	39
5		1-Adamantanecarboxylic acid, iso...	222	C14H22O2	024556-16-9	39



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
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ClientSampleId :
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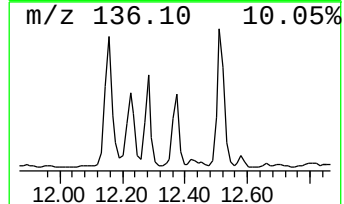
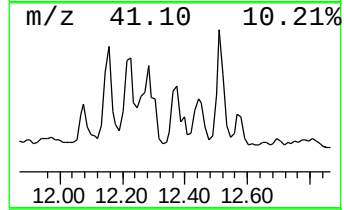
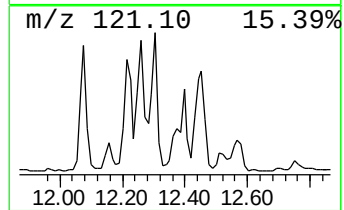
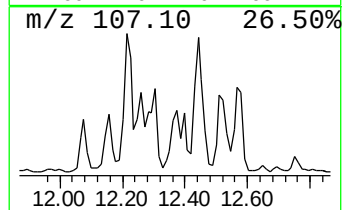
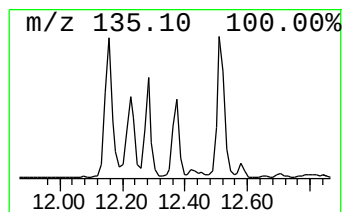
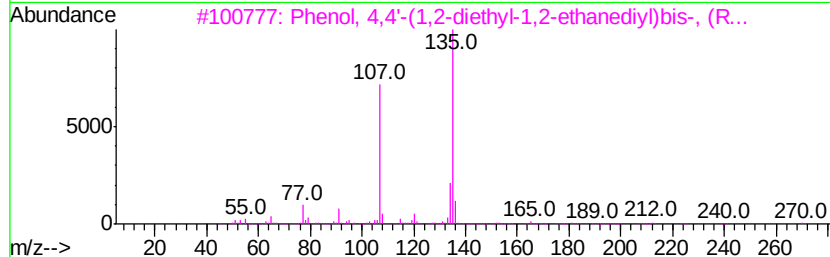
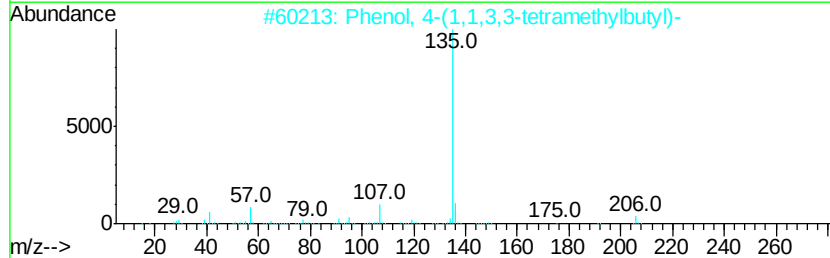
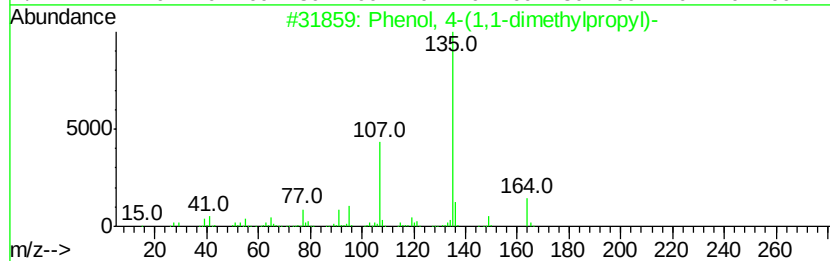
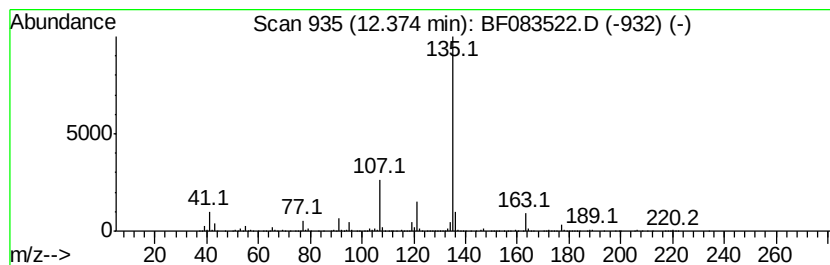
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	49.44 ng	3544970	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	81
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	53
3		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	53
4		Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	53
5		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
Data File : BF083522.D
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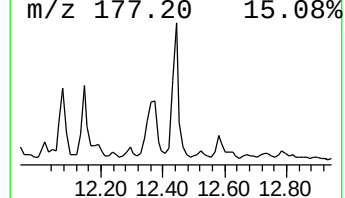
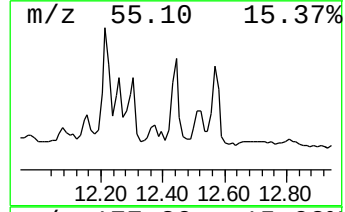
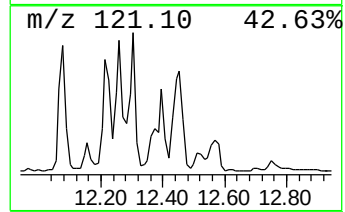
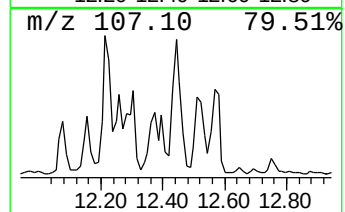
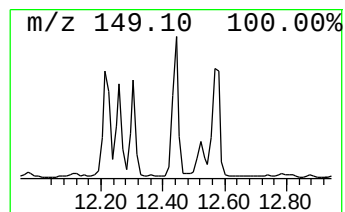
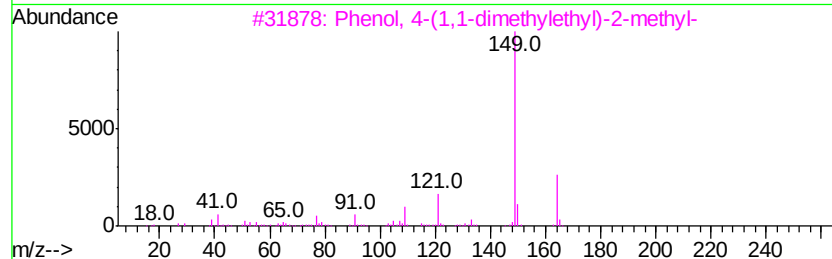
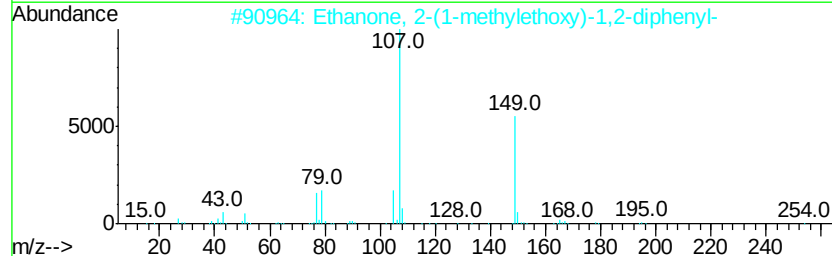
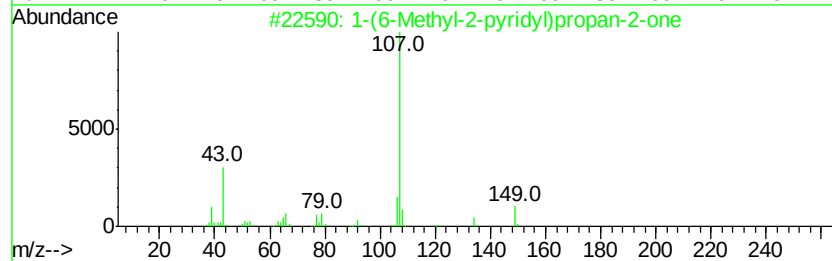
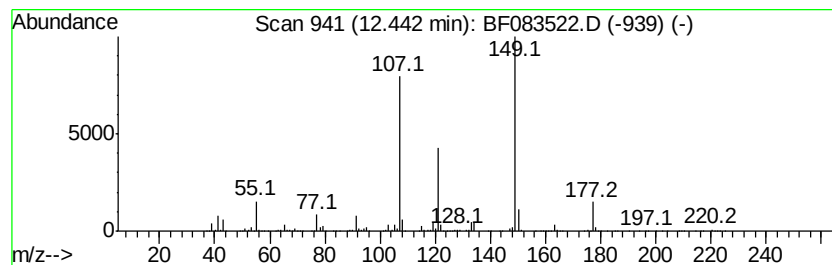
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	55.78 ng	3999440	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	72
2		Ethanone, 2-(1-methylethoxy)-1,2-diphenyl-	254	C17H18O2	006652-28-4	50
3		Phenol, 4-(1,1-dimethylethyl)-2-methyl-	164	C11H16O	000098-27-1	46
4		Phenol, 4-butyl-	150	C10H14O	001638-22-8	38
5		Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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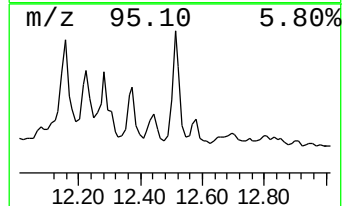
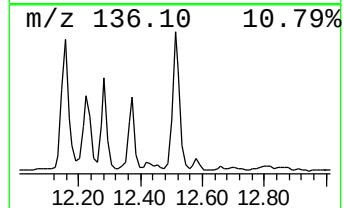
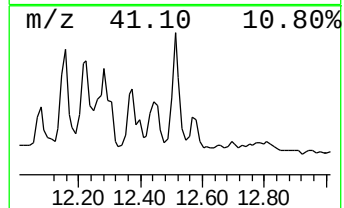
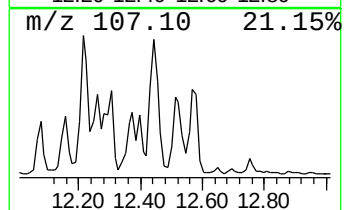
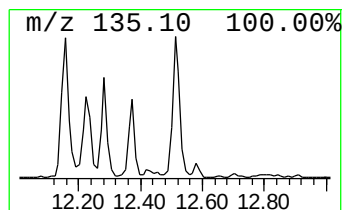
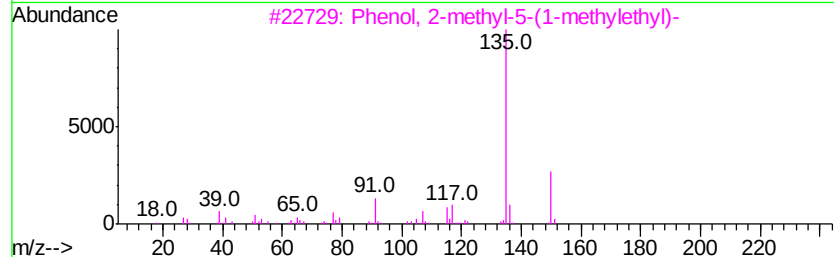
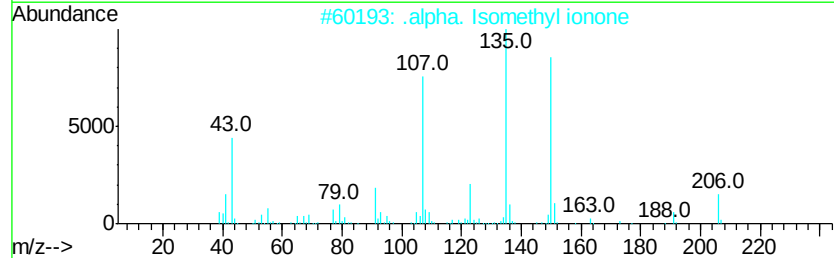
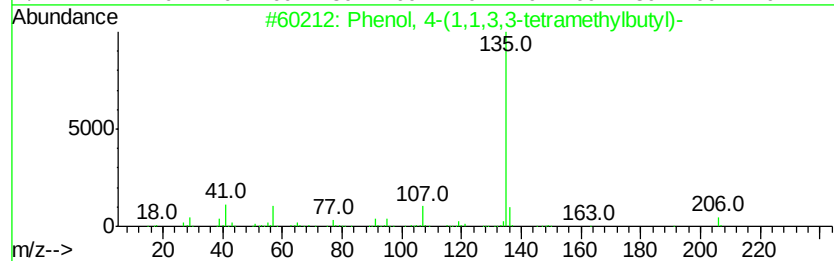
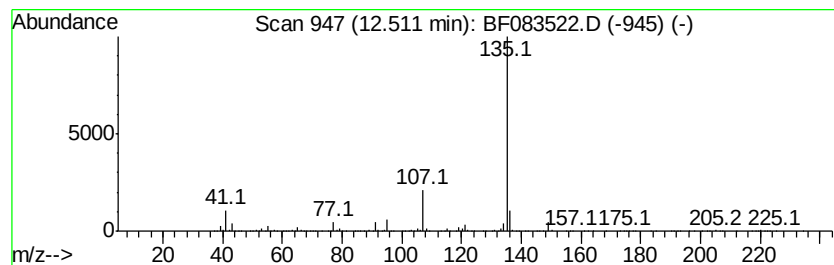
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .alpha. Isomethyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	58.81 ng	4217320	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
2		.alpha. Isomethyl ionone	206	C14H22O	000127-51-5	64
3		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59
4		2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	56
5		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
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ClientSampleId :
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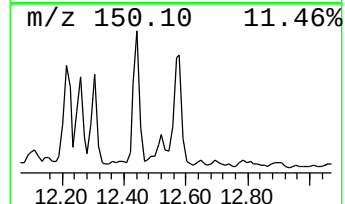
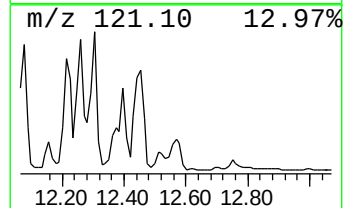
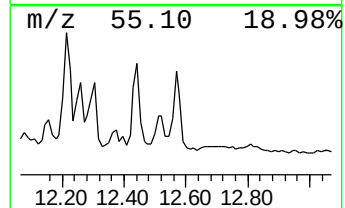
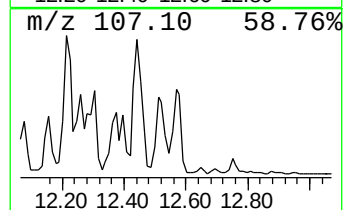
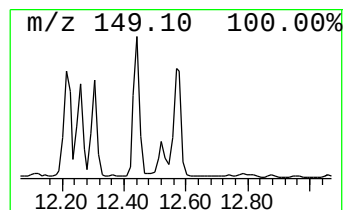
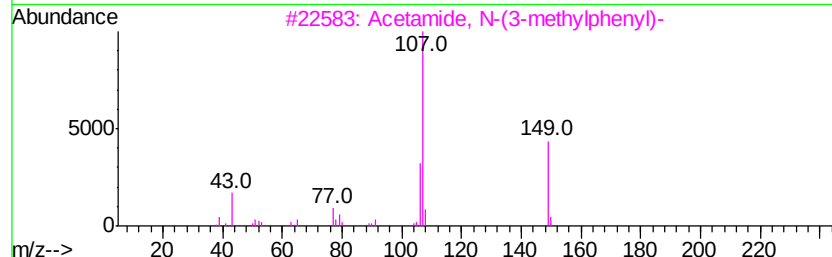
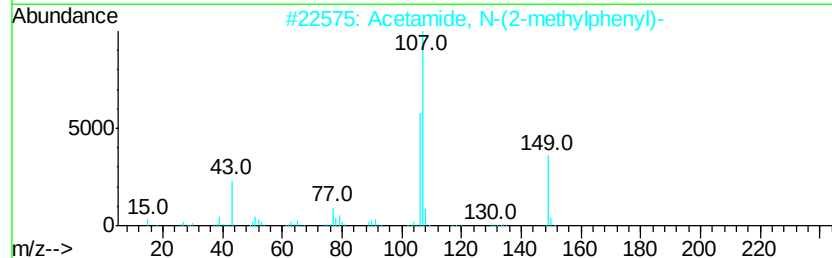
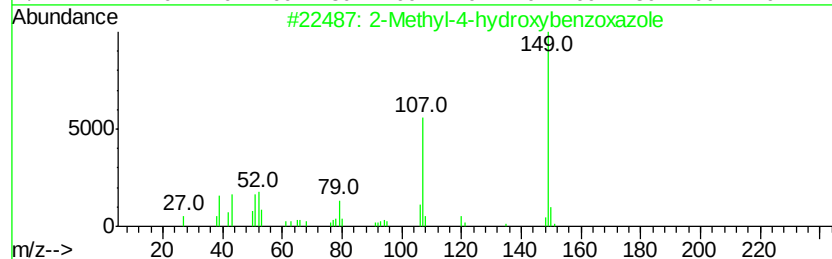
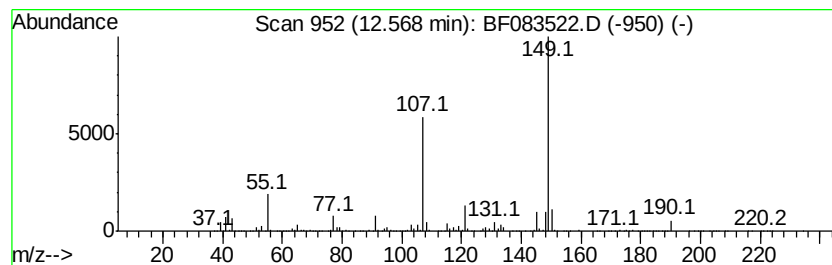
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Methyl-4-hydroxybenzoxazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	42.45 ng	3044170	Phenanthrene-d10	12.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2		Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	64
3		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
4		Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	47
5		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

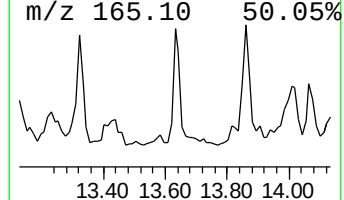
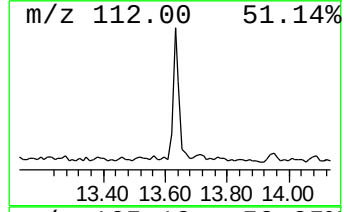
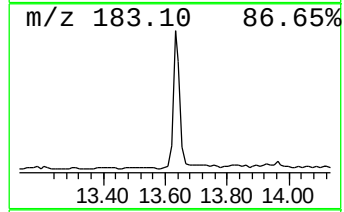
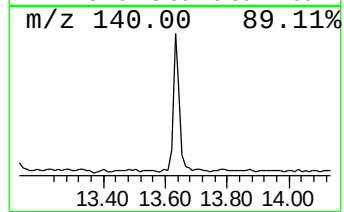
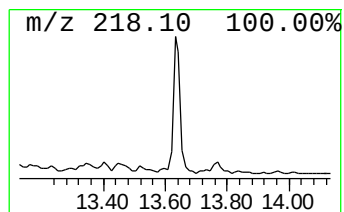
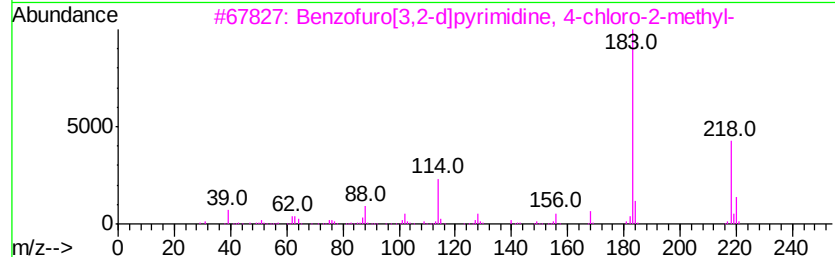
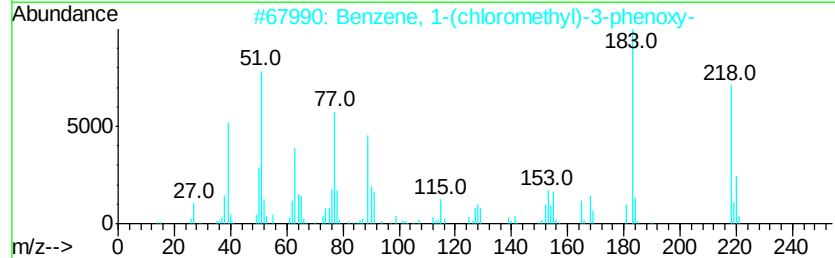
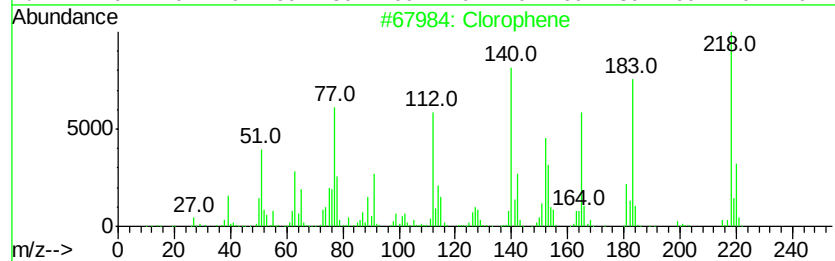
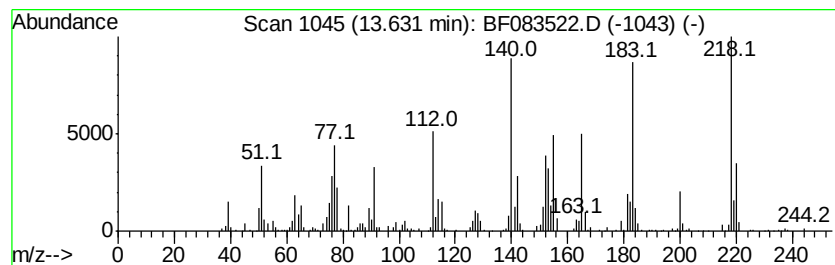
Instrument :
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ClientSampleId :
MW-06

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Clorophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.63	10.68 ng	765672	Phenanthrene-d10	12.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Clorophene	218	C13H11ClO	000120-32-1	99
2		Benzene, 1-(chloromethyl)-3-phen...	218	C13H11ClO	053874-66-1	41
3		Benzofuro[3,2-d]pyrimidine, 4-ch...	218	C11H7ClN2O	039786-40-8	38
4		6-Methoxy-2-naphthonitrile	183	C12H9NO	067886-70-8	25
5		1-Naphthalenecarbonitrile, 4-met...	183	C12H9NO	005961-55-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083522.D
Acq On : 5 Dec 2015 23:18
Operator : UM/IZ
Sample : G4588-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

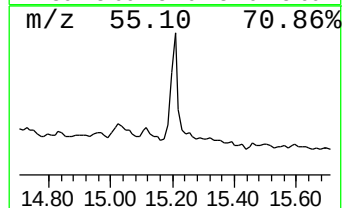
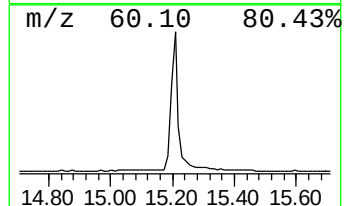
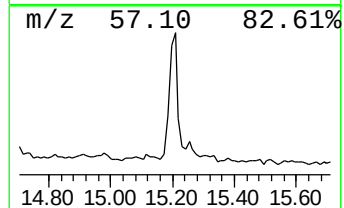
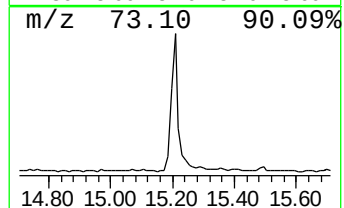
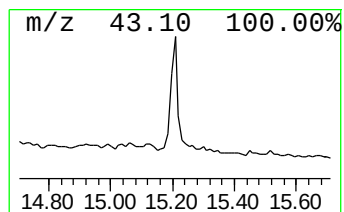
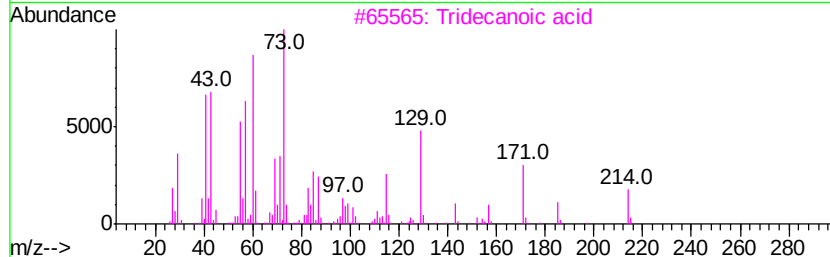
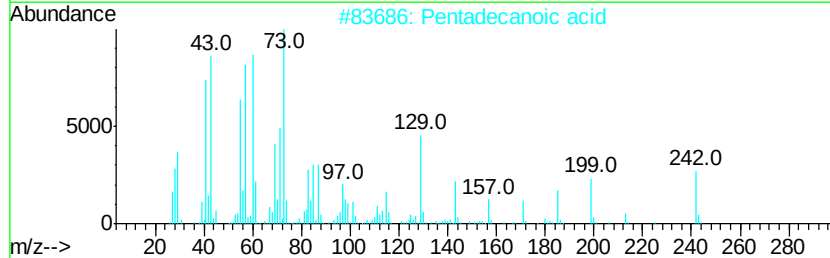
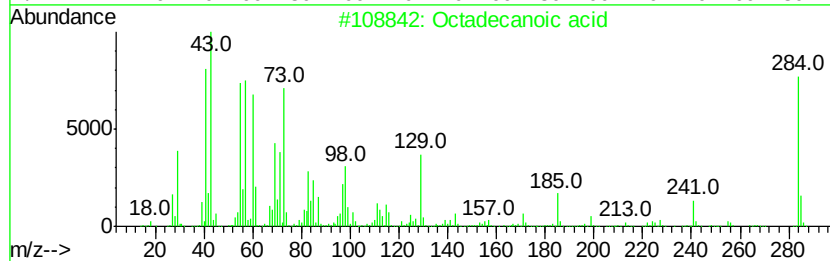
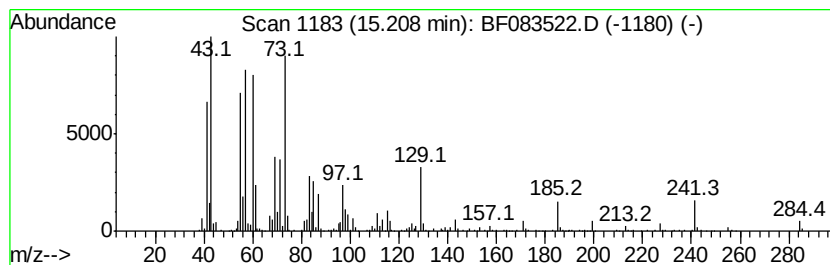
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	16.18 ng	732355	Chrysene-d12	17.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120415\
 Data File : BF083522.D
 Acq On : 5 Dec 2015 23:18
 Operator : UM/IZ
 Sample : G4588-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.46	5.46	75.9	ng	3598760	1	5.77	947858	20.0
unknown8.43	8.43	19.8	ng	1402020	2	7.68	1417760	20.0
Phenol, m-tert-bu...	8.68	18.9	ng	1340600	2	7.68	1417760	20.0
unknown9.01	9.01	27.2	ng	1927930	2	7.68	1417760	20.0
unknown9.31	9.31	9.4	ng	994037	3	10.46	2118830	20.0
1-Hydroxyinden-3-...	11.21	12.4	ng	1315050	3	10.46	2118830	20.0
1H-Indene-4-carbo...	11.33	12.1	ng	1285570	3	10.46	2118830	20.0
Phenol, 2-(1,1-di...	11.82	14.1	ng	1008620	4	12.87	1434100	20.0
1-Naphthalenecarb...	11.89	48.5	ng	3480190	4	12.87	1434100	20.0
Acetamide, N-meth...	12.08	21.9	ng	1573790	4	12.87	1434100	20.0
Phenol, 4-(1,1-di...	12.16	51.6	ng	3699260	4	12.87	1434100	20.0
4,6-Bis(4-ethoxyb...	12.23	79.9	ng	5726860	4	12.87	1434100	20.0
1-n-Hexyladamantane	12.28	77.2	ng	5534690	4	12.87	1434100	20.0
Phenol, 4-(1,1,3,...	12.37	49.4	ng	3544970	4	12.87	1434100	20.0
1-(6-Methyl-2-pyr...	12.44	55.8	ng	3999440	4	12.87	1434100	20.0
.alpha. Isomethyl...	12.51	58.8	ng	4217320	4	12.87	1434100	20.0
2-Methyl-4-hydrox...	12.57	42.5	ng	3044170	4	12.87	1434100	20.0
Clorophene	13.63	10.7	ng	765672	4	12.87	1434100	20.0
Octadecanoic acid	15.21	16.2	ng	732355	5	17.05	905298	20.0