

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080088.D
 Acq On : 20 Jun 2015 8:23
 Operator : TP/IZ
 Sample : G2699-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

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-BF061715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.973	162	165	168	rBV	15416	24377	1.70%	0.176%
2	5.544	213	215	218	rBV	636206	636442	44.26%	4.607%
3	5.944	248	250	252	rBV	1085130	1008355	70.12%	7.300%
4	6.207	269	273	278	rBV2	41132	70544	4.91%	0.511%
5	6.344	283	285	287	rBV	50010	46719	3.25%	0.338%
6	6.561	302	304	308	rBV	21379	32495	2.26%	0.235%
7	6.801	324	325	329	rBV	105593	121022	8.42%	0.876%
8	6.927	334	336	339	rBV	824087	955607	66.45%	6.918%
9	7.099	349	351	353	rBV	1247185	1071626	74.52%	7.758%
10	7.156	353	356	359	rVB2	12551	17243	1.20%	0.125%
11	7.327	369	371	374	rBV	263308	268037	18.64%	1.940%
12	7.487	383	385	388	rVB	879283	785893	54.65%	5.689%
13	7.887	417	420	422	rBV	768764	640395	44.53%	4.636%
14	8.379	460	463	465	rBV	31176	27870	1.94%	0.202%
15	8.504	471	474	477	rBV	24193	24589	1.71%	0.178%
16	8.619	482	484	488	rBV	434053	402274	27.97%	2.912%
17	8.950	511	513	514	rBV	134269	104157	7.24%	0.754%
18	8.973	514	515	519	rVB	19251	16903	1.18%	0.122%
19	9.076	519	524	527	rBV	54103	85342	5.93%	0.618%
20	9.282	538	542	545	rVB	30180	35953	2.50%	0.260%
21	9.339	545	547	548	rBV	20197	20243	1.41%	0.147%
22	9.373	548	550	552	rVV	18082	16850	1.17%	0.122%
23	9.476	555	559	560	rBV	25429	41950	2.92%	0.304%
24	9.579	564	568	572	rVB2	12027	25198	1.75%	0.182%
25	9.693	576	578	581	rVB	1148866	1165261	81.03%	8.436%
26	10.082	610	612	615	rBV	281210	235366	16.37%	1.704%
27	10.390	637	639	642	rBV	470596	452653	31.48%	3.277%
28	11.179	706	708	711	rBV2	622492	805414	56.01%	5.831%
29	11.282	714	717	722	rBV	12959	21011	1.46%	0.152%
30	11.408	727	728	730	rVB	23110	17263	1.20%	0.125%
31	11.899	768	771	772	rBV	379725	481811	33.51%	3.488%
32	11.922	772	773	774	rVB	51533	35712	2.48%	0.259%
33	12.105	786	789	792	rBV2	13329	25734	1.79%	0.186%
34	13.145	878	880	884	rVB	81634	81273	5.65%	0.588%

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35	13.396	897	902	904	rBV	85776	100346	6.98%	0.726%
36	13.534	911	914	917	rBV	1591761	1438011	100.00%	10.410%
37	13.751	929	933	936	rBV2	13345	33025	2.30%	0.239%
38	14.014	954	956	959	rBV3	10316	18761	1.30%	0.136%
39	14.539	1000	1002	1011	rVB	105495	222040	15.44%	1.607%
40	14.699	1014	1016	1018	rBV2	15865	25916	1.80%	0.188%
41	14.745	1018	1020	1022	rVV	457218	623343	43.35%	4.513%
42	14.779	1022	1023	1026	rVB	57304	53281	3.71%	0.386%
43	14.882	1029	1032	1034	rBV2	10637	15743	1.09%	0.114%
44	15.328	1067	1071	1074	rBV3	61518	149989	10.43%	1.086%
45	15.511	1085	1087	1090	rVB	19342	22889	1.59%	0.166%
46	15.797	1110	1112	1115	rBV	139629	155215	10.79%	1.124%
47	16.037	1130	1133	1138	rBV	60233	150389	10.46%	1.089%
48	16.128	1138	1141	1143	rVB	18375	30775	2.14%	0.223%
49	16.174	1143	1145	1148	rBV2	19407	31740	2.21%	0.230%
50	16.414	1163	1166	1168	rVB	37832	52741	3.67%	0.382%
51	16.494	1170	1173	1176	rBV	42102	72463	5.04%	0.525%
52	16.574	1176	1180	1188	rVB	333324	600478	41.76%	4.347%
53	17.157	1229	1231	1235	rVB3	9974	18694	1.30%	0.135%
54	17.248	1236	1239	1243	rBV5	11069	37810	2.63%	0.274%
55	17.465	1255	1258	1260	rBV3	8878	21691	1.51%	0.157%
56	18.403	1336	1340	1345	rVB2	24983	66509	4.63%	0.481%
57	18.963	1385	1389	1396	rVB	23088	69926	4.86%	0.506%

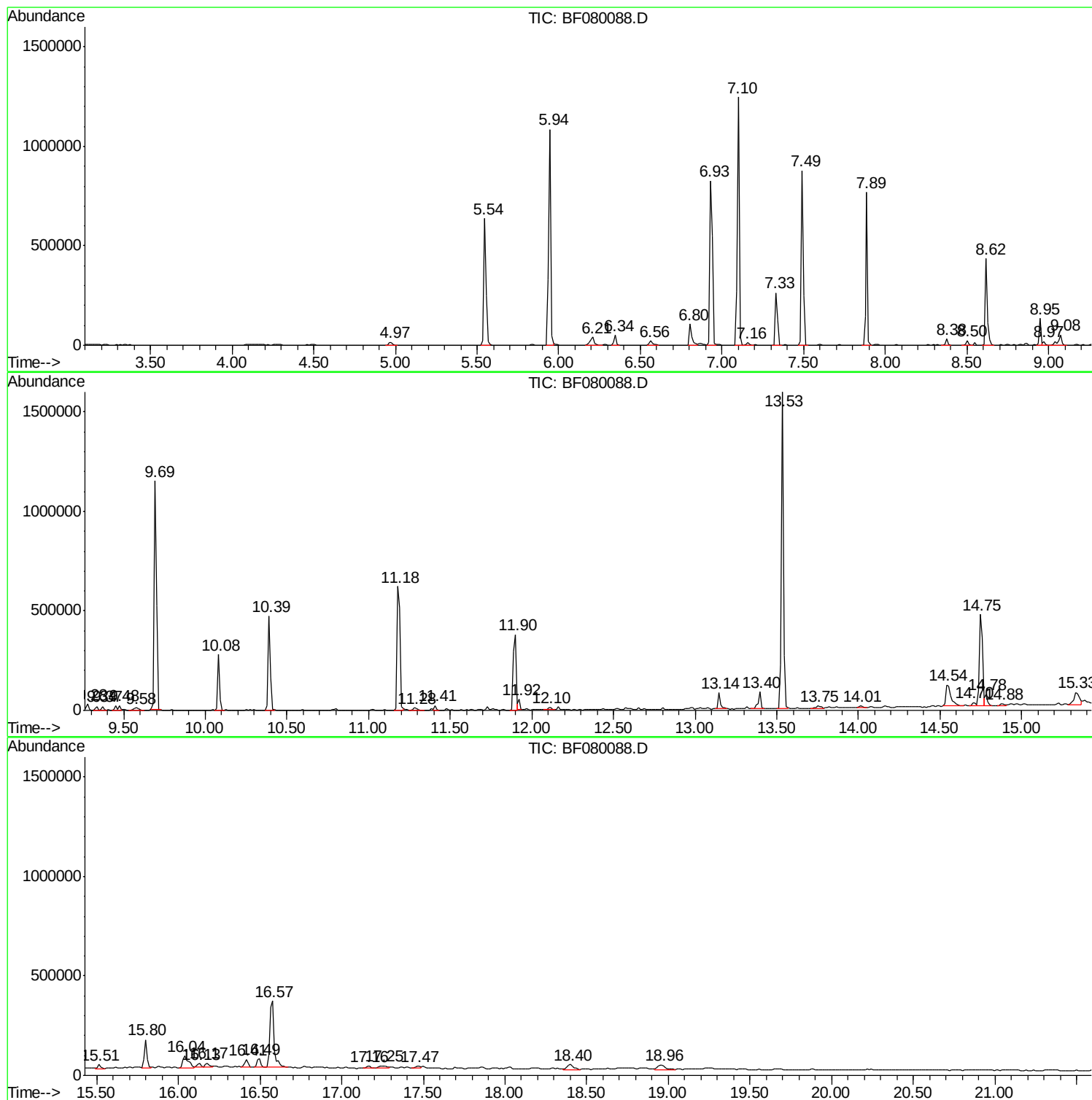
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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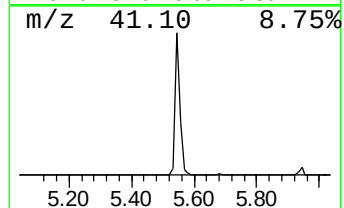
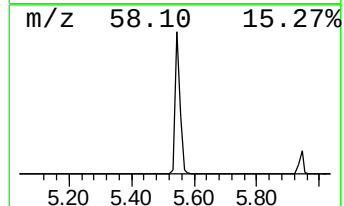
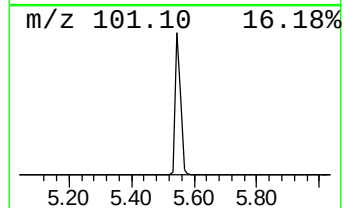
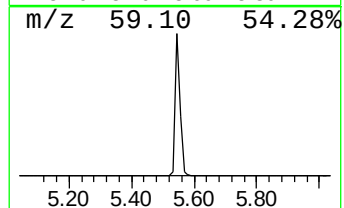
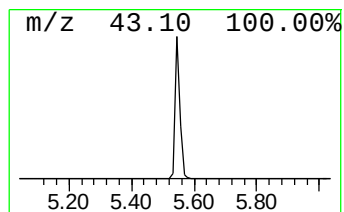
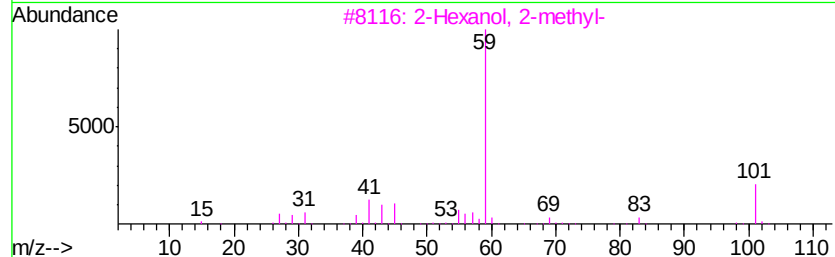
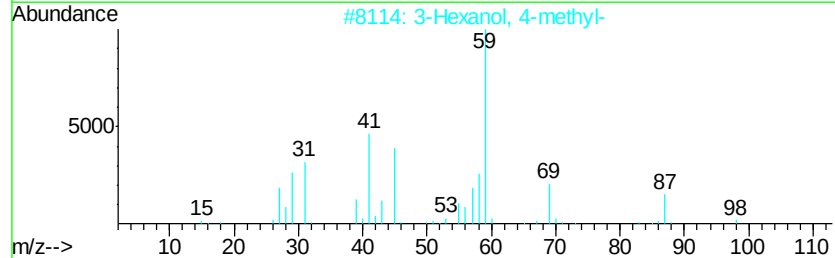
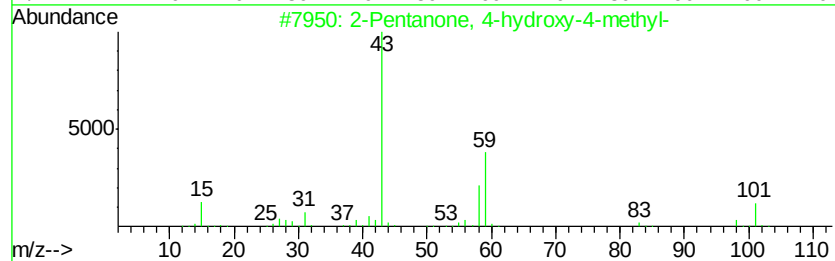
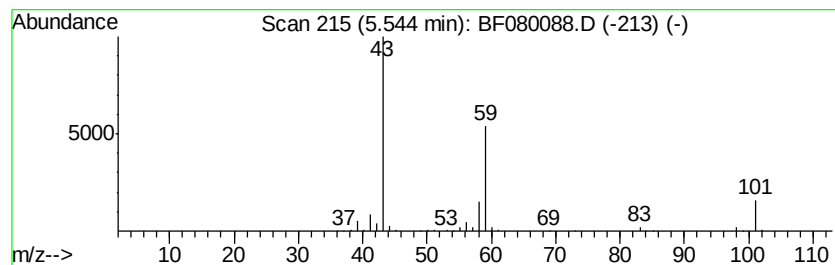
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	47.49 ng	636442	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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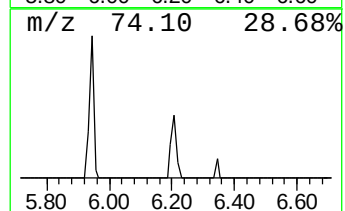
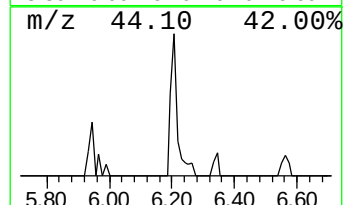
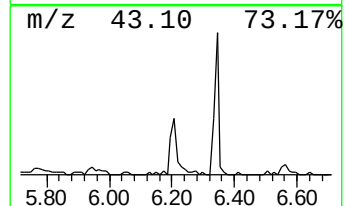
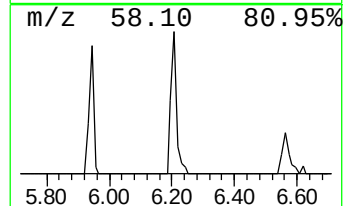
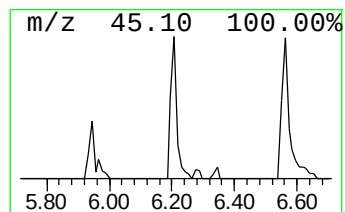
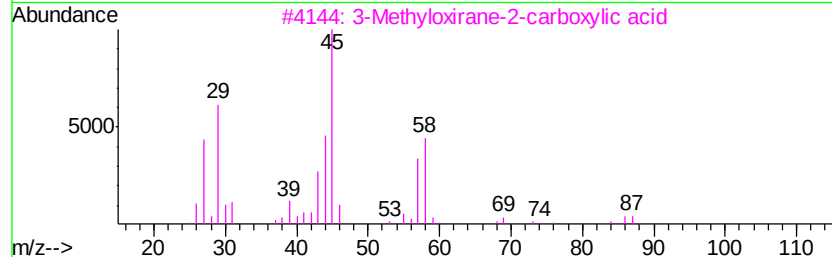
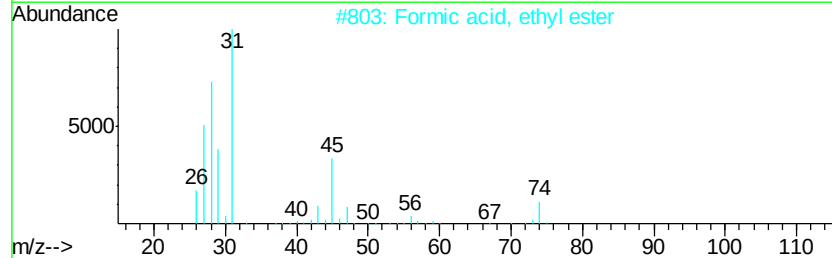
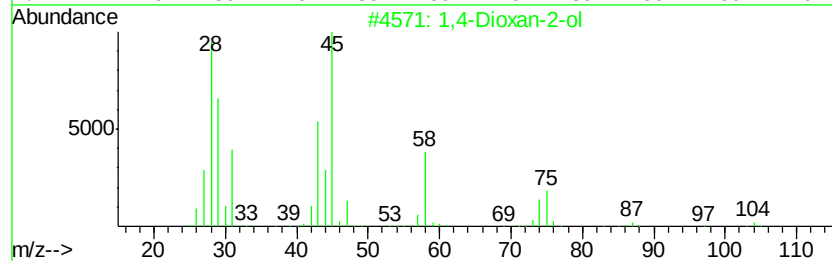
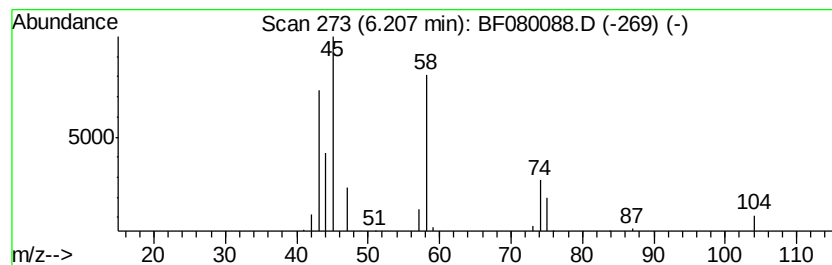
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	5.26 ng	70544	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dioxan-2-ol	104	C4H8O3	022347-47-3	37
2		Formic acid, ethyl ester	74	C3H6O2	000109-94-4	35
3		3-Methyloxirane-2-carboxylic acid	102	C4H6O3	002443-40-5	28
4		Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	18
5		(3-Methyl-oxiran-2-yl)-methanol	88	C4H8O2	1000194-22-9	17



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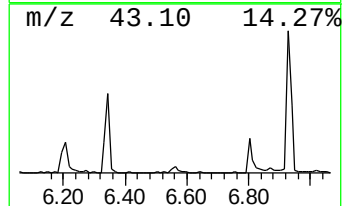
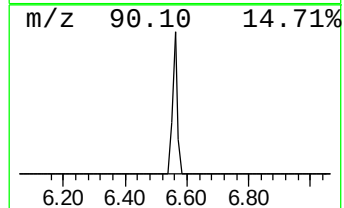
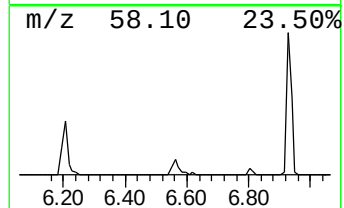
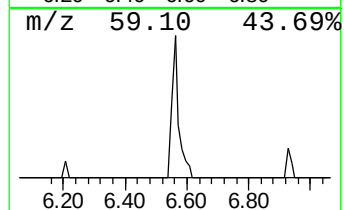
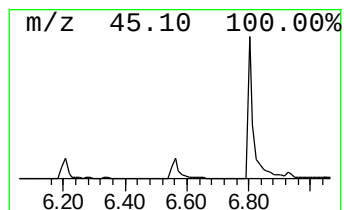
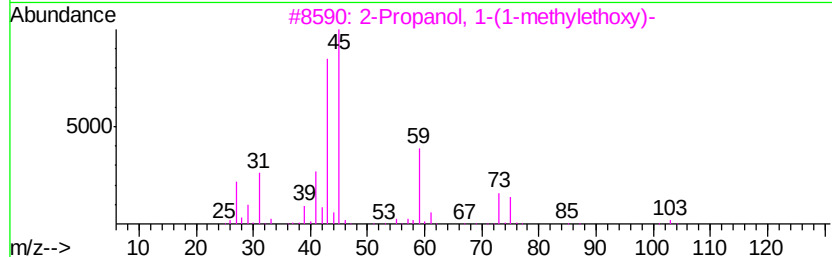
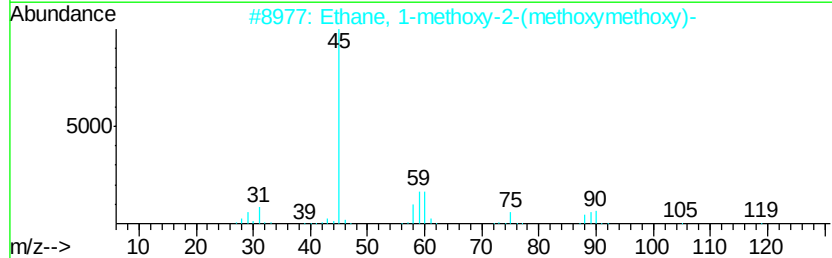
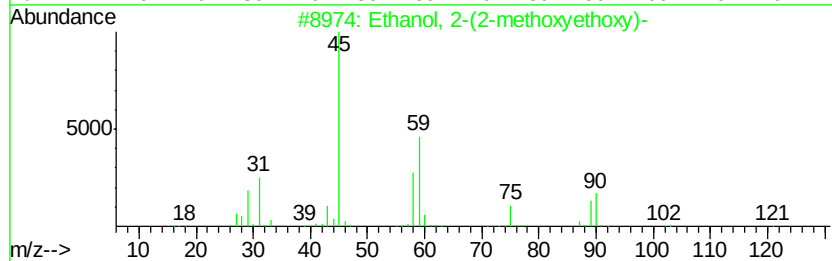
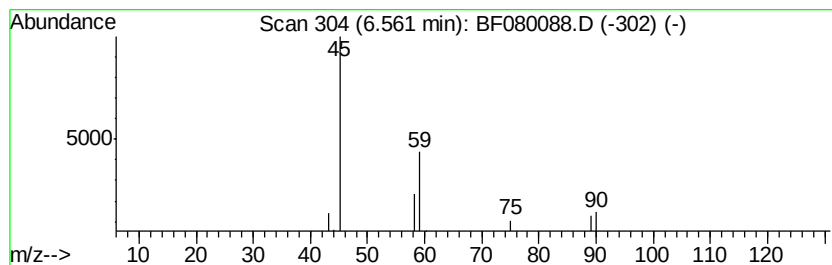
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.42 ng	32495	1,4-Dichlorobenzene-d4	7.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	9
3		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
4		Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	7
5		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	5



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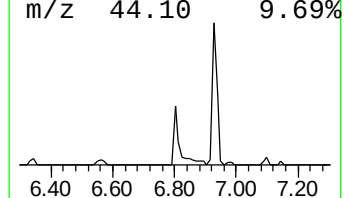
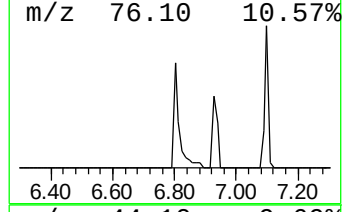
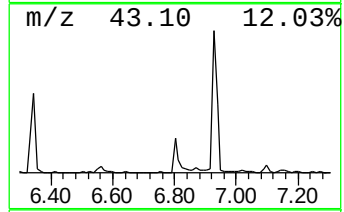
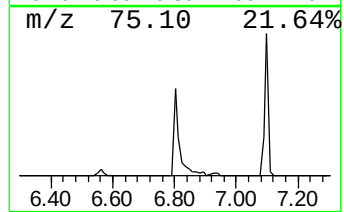
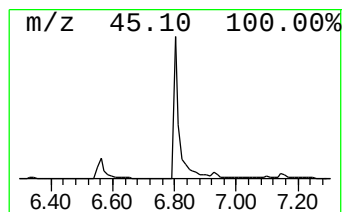
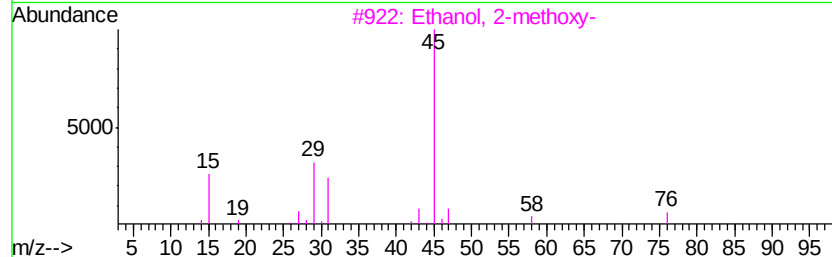
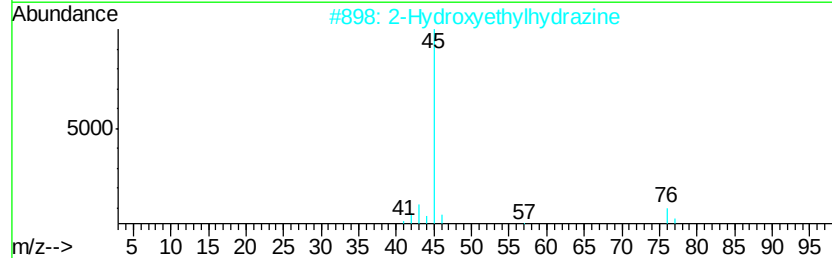
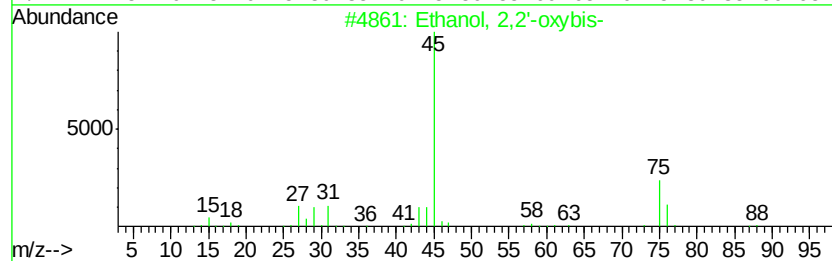
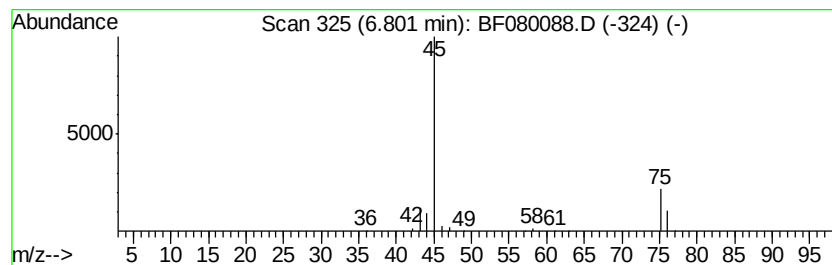
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Ethanol, 2,2'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.80	9.03 ng	121022	1,4-Dichlorobenzene-d4	7.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2	2-Hydroxyethylhydrazine	76	C2H8N2O	000109-84-2	9
3	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
4	2-Butanol	74	C4H10O	000078-92-2	9
5	4-Pentyn-2-ol	84	C5H8O	002117-11-5	9



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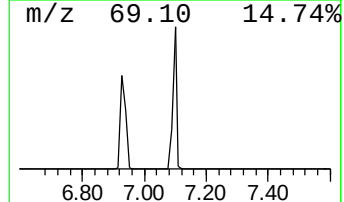
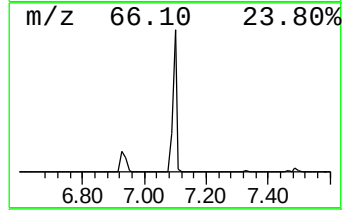
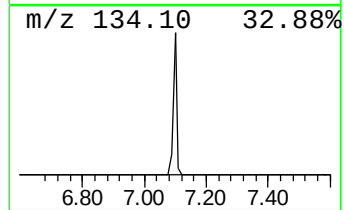
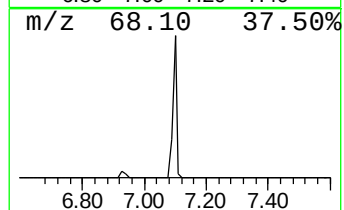
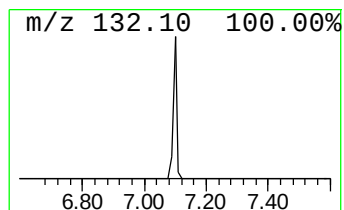
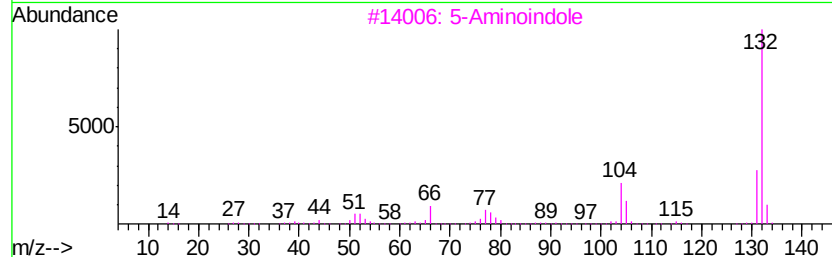
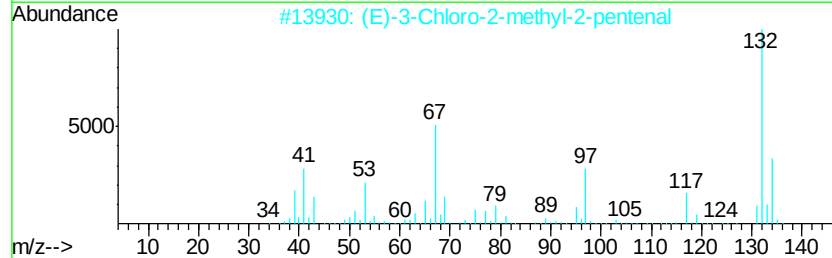
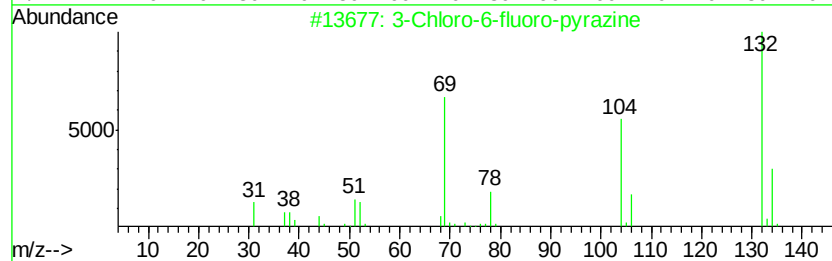
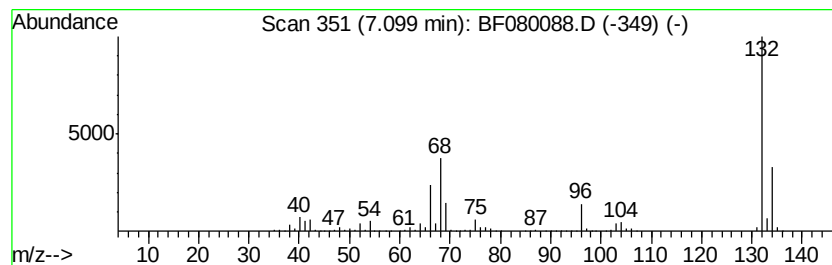
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	79.96 ng	1071630	1,4-Dichlorobenzene-d4	7.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080088.D
Acq On : 20 Jun 2015 8:23
Operator : TP/IZ
Sample : G2699-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

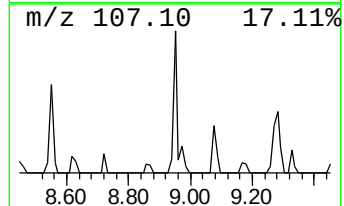
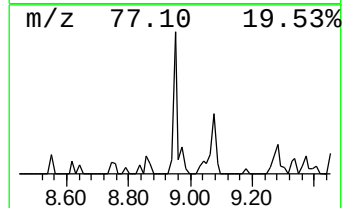
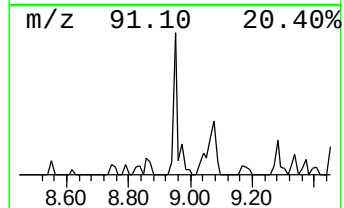
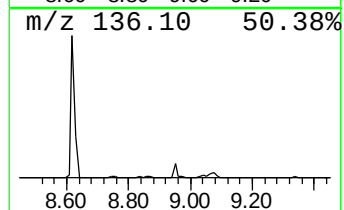
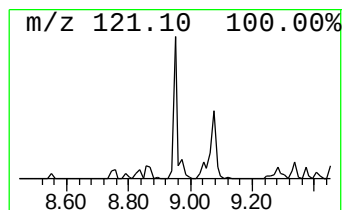
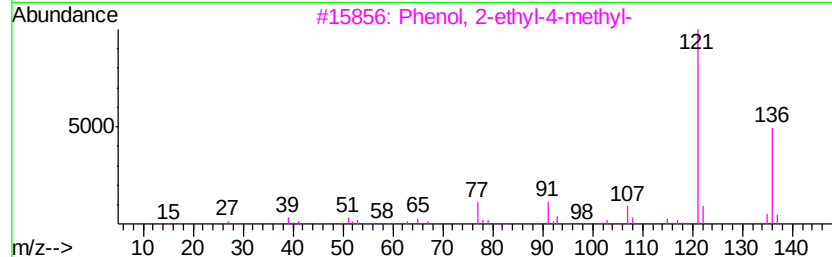
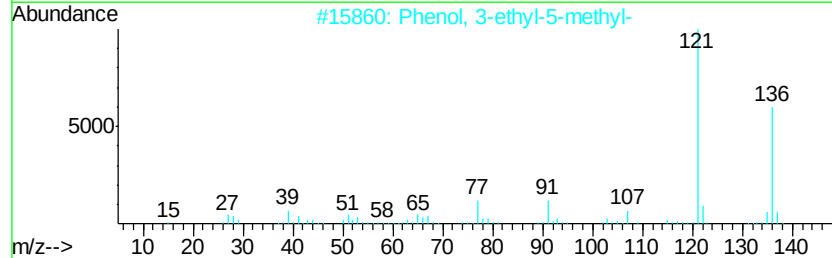
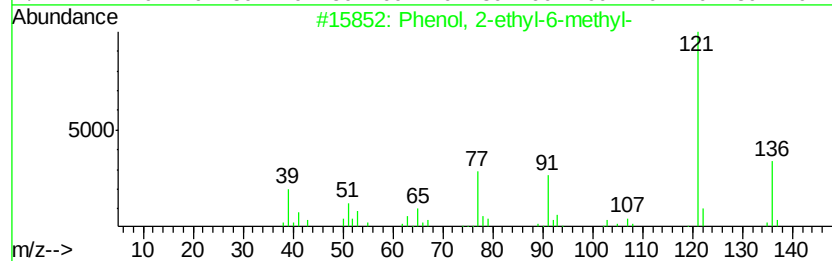
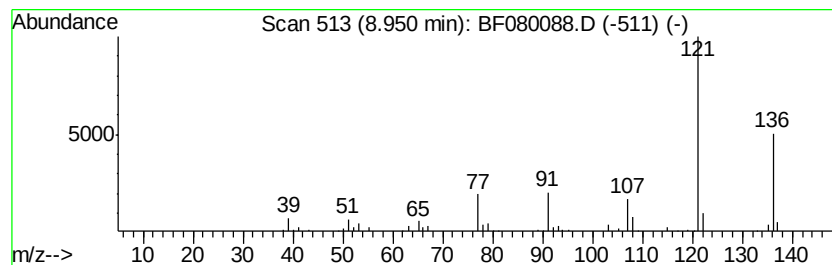
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 2-ethyl-6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.18 ng	104157	Napthalene-d8	8.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2-ethyl-6-methyl-	136 C9H12O	001687-64-5	91
2	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	90
3	Phenol, 2-ethyl-4-methyl-	136 C9H12O	003855-26-3	90
4	Hydrazine, 1-(4-ethylphenyl)-	136 C8H12N2	054840-34-5	86
5	Benzene, 1-ethyl-4-methoxy-	136 C9H12O	001515-95-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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Acq On : 20 Jun 2015 8:23
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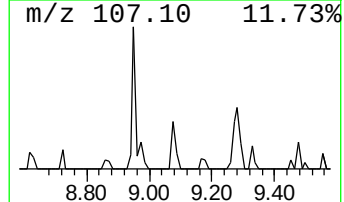
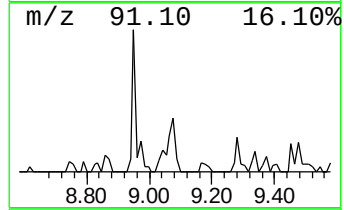
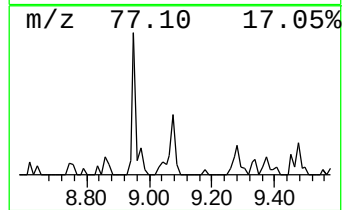
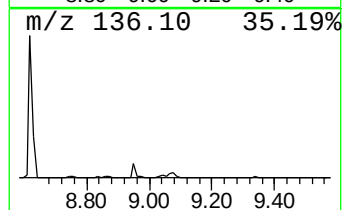
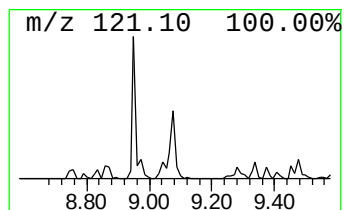
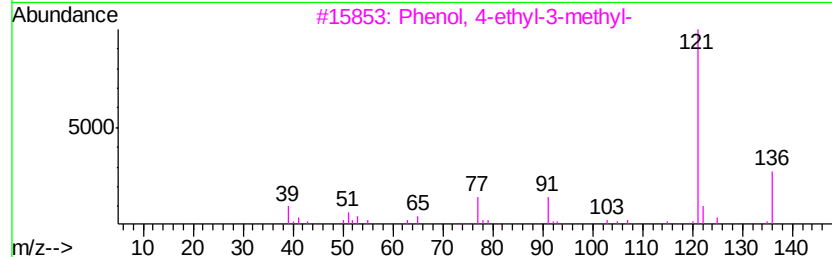
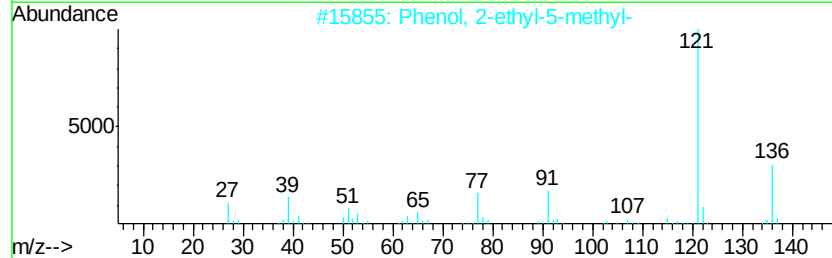
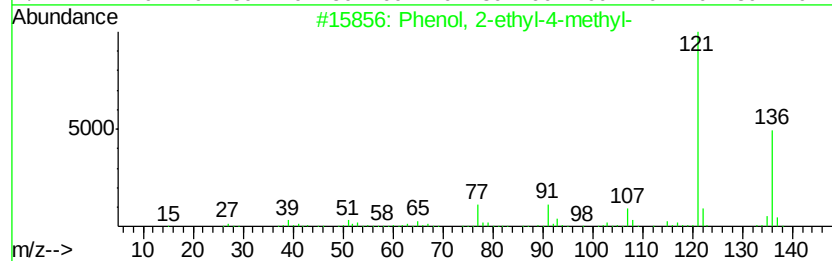
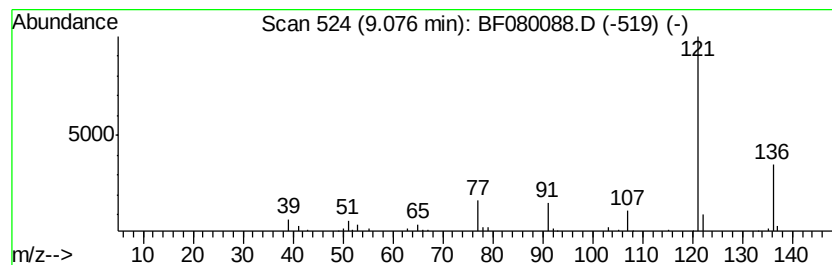
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 2-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.24 ng	85342	Napthalene-d8	8.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2		Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3		Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
4		Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
5		Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080088.D
Acq On : 20 Jun 2015 8:23
Operator : TP/IZ
Sample : G2699-01
Misc :
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Instrument :
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ClientSampleId :
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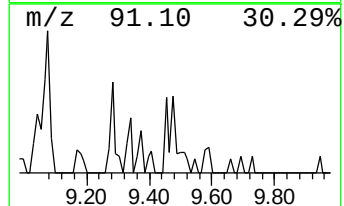
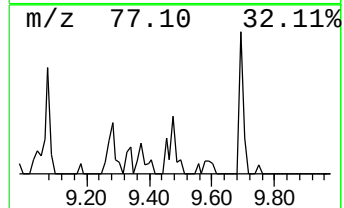
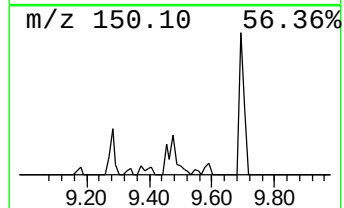
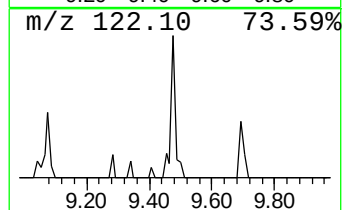
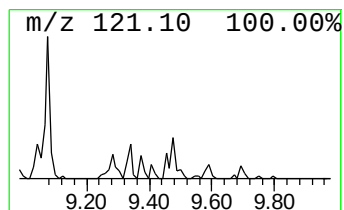
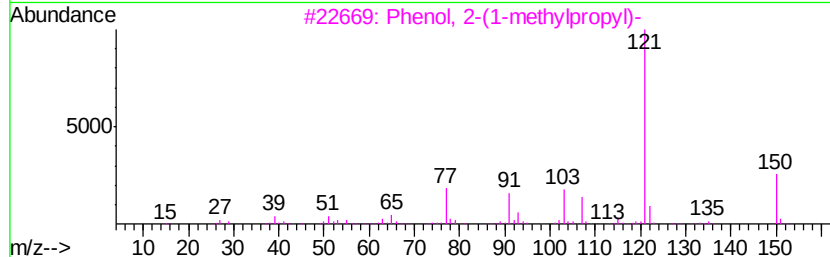
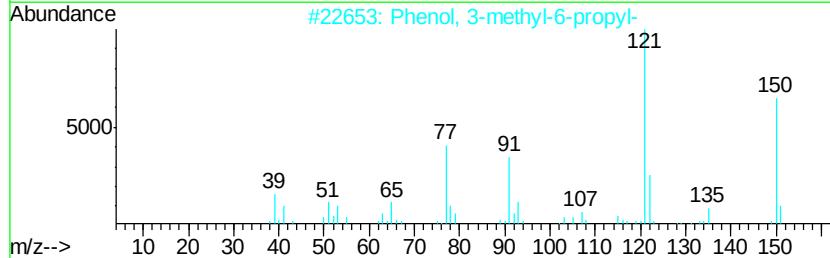
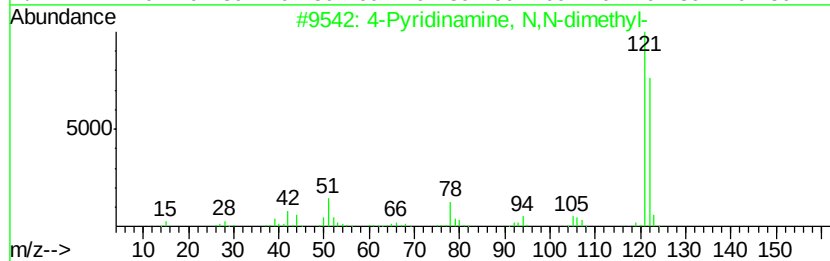
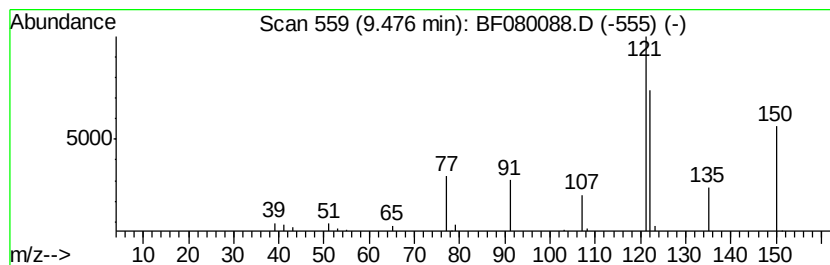
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.48 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	2.09 ng	41950	Napthalene-d8	8.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	49
2		Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	47
3		Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
4		Pyrrole, 1-methyl-2-(2-pyrrolidi...	150	C9H14N2	1000269-19-3	47
5		Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080088.D
Acq On : 20 Jun 2015 8:23
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Sample : G2699-01
Misc :
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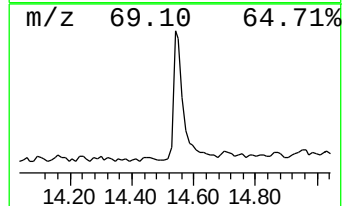
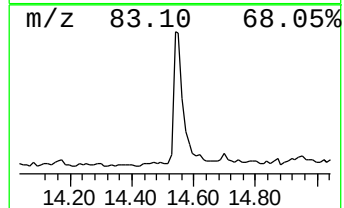
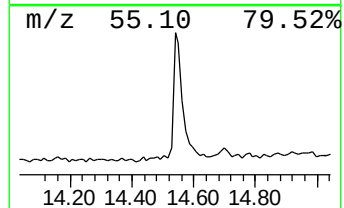
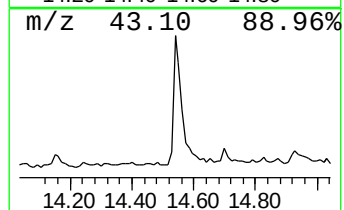
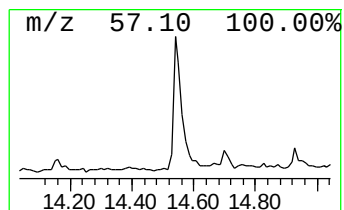
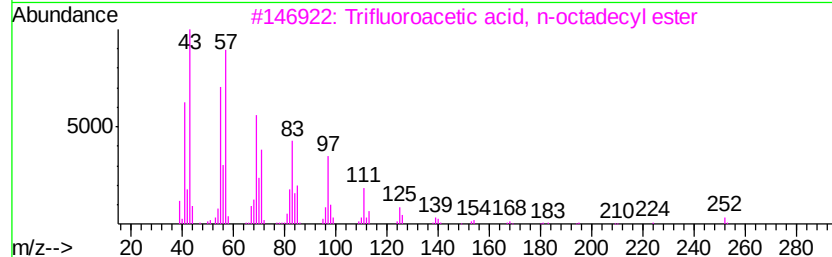
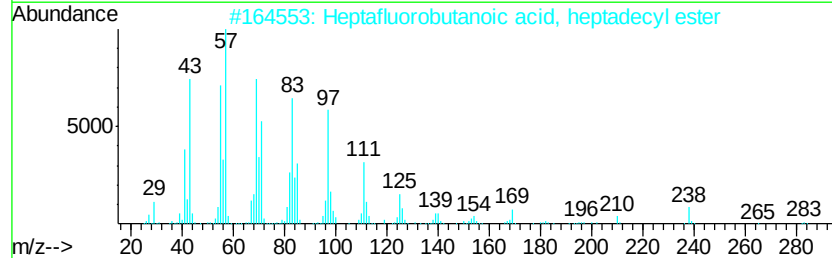
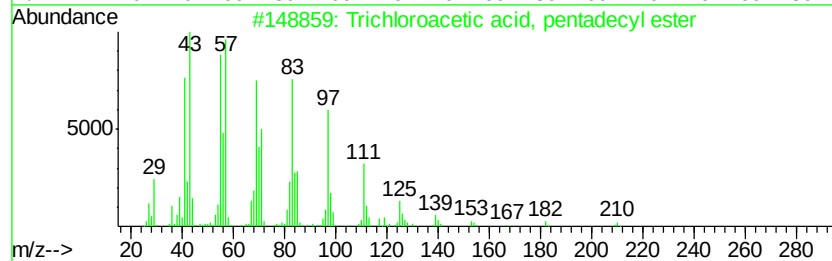
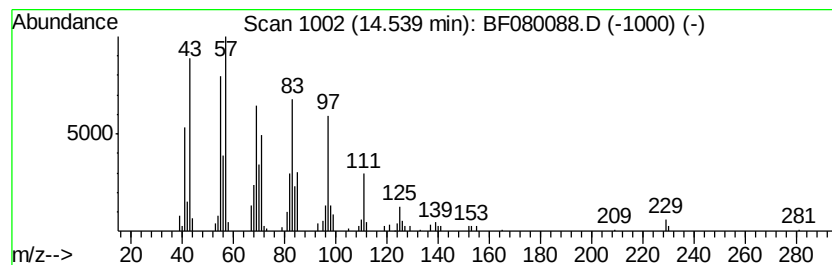
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.12 ng	222040	Chrysene-d12	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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Acq On : 20 Jun 2015 8:23
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Misc :
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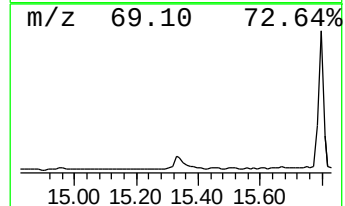
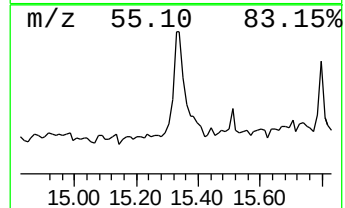
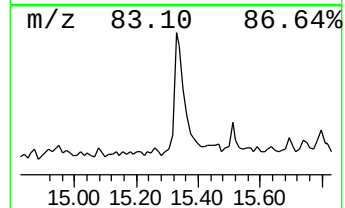
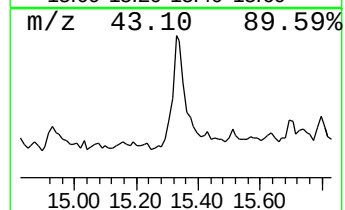
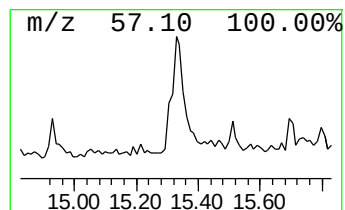
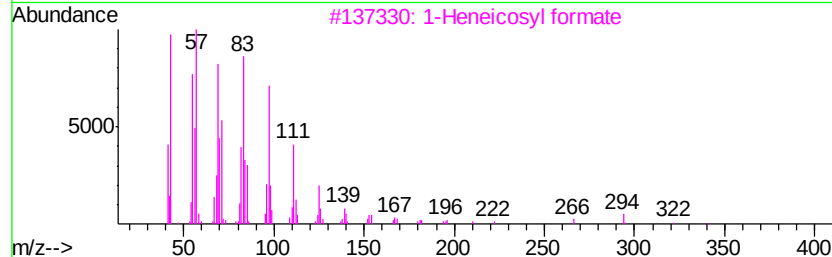
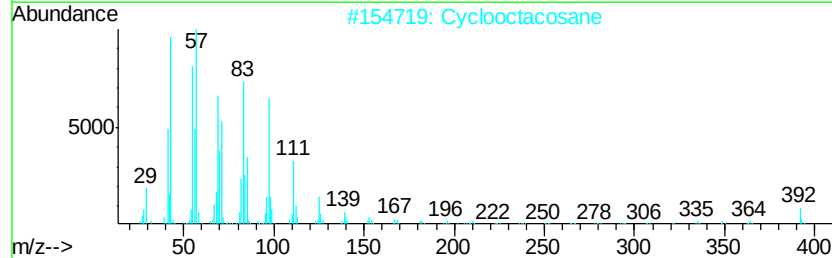
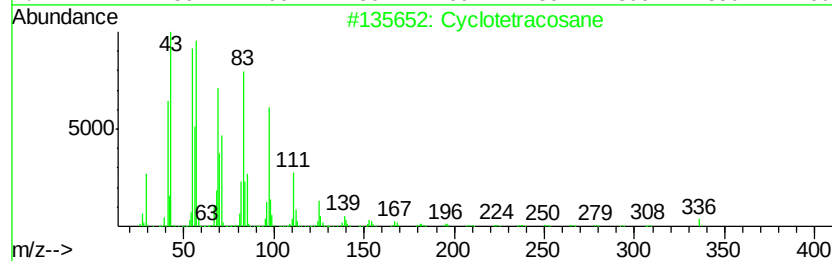
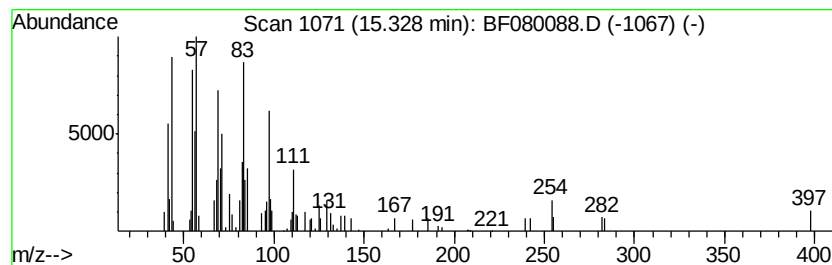
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclotetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.81 ng	149989	Chrysene-d12	14.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	90
2		Cyclooctacosane	392	C28H56	000297-24-5	90
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4		1-Tetracosanol	354	C24H50O	000506-51-4	87
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
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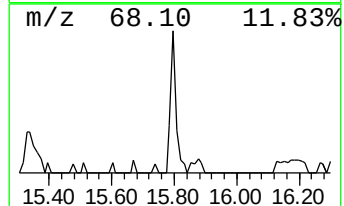
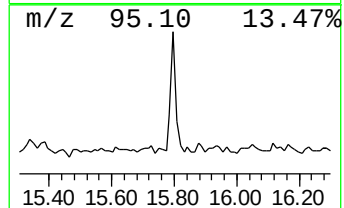
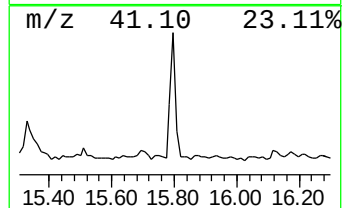
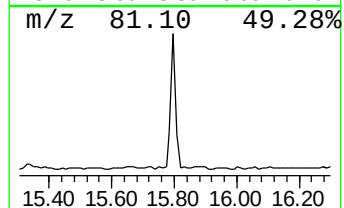
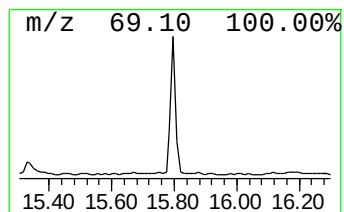
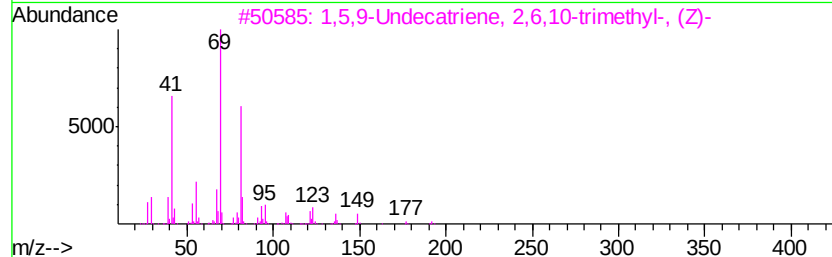
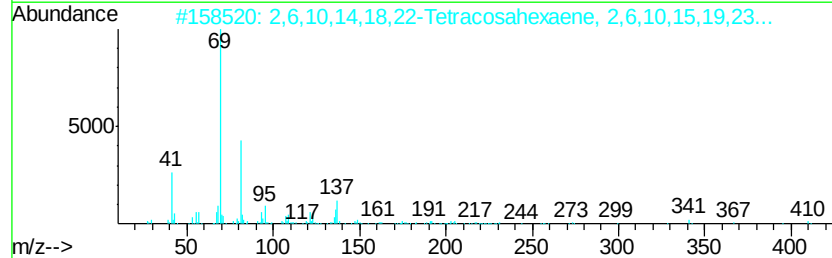
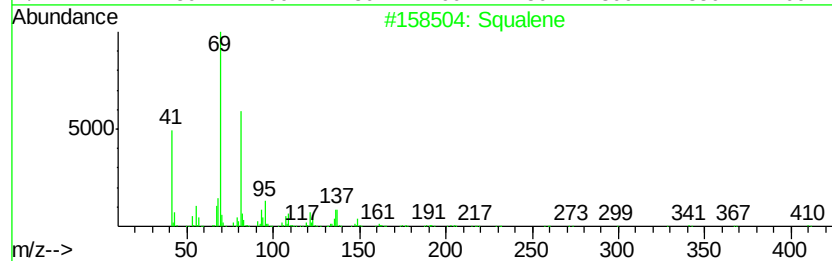
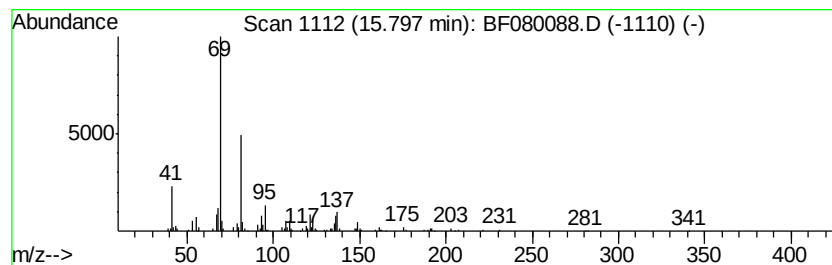
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.17 ng	155215	Perylene-d12	16.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	90
3	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	80
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	004602-84-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080088.D
Acq On : 20 Jun 2015 8:23
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Sample : G2699-01
Misc :
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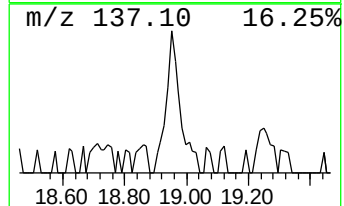
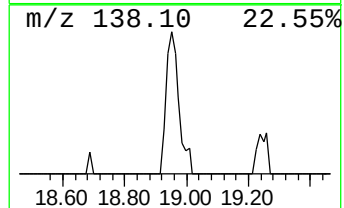
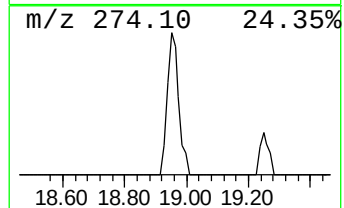
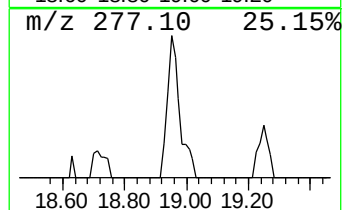
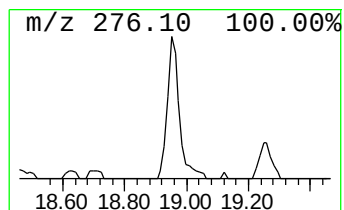
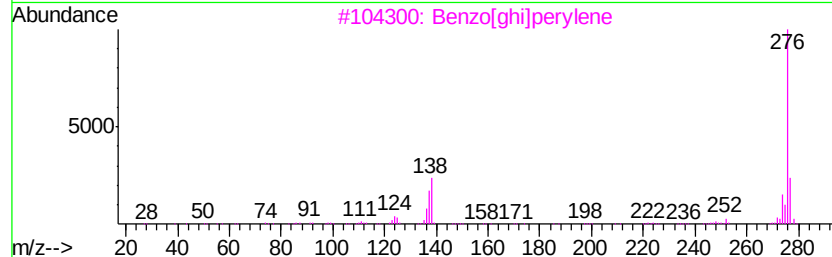
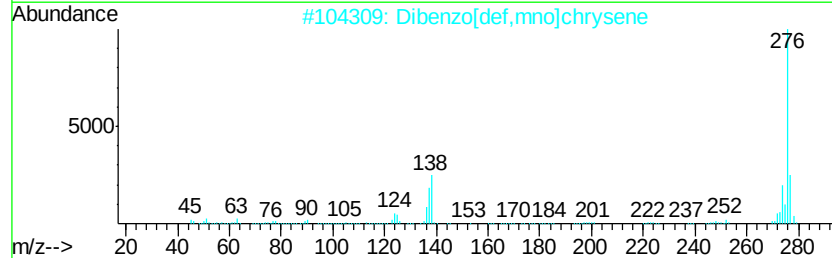
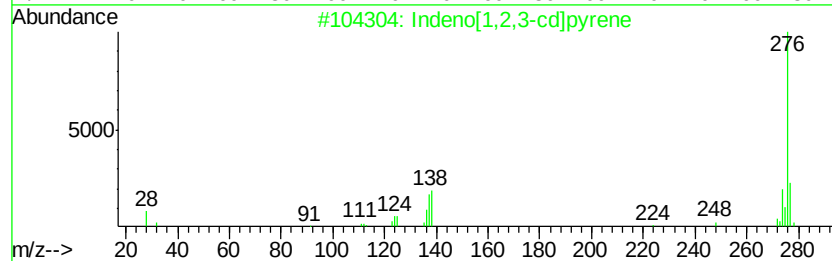
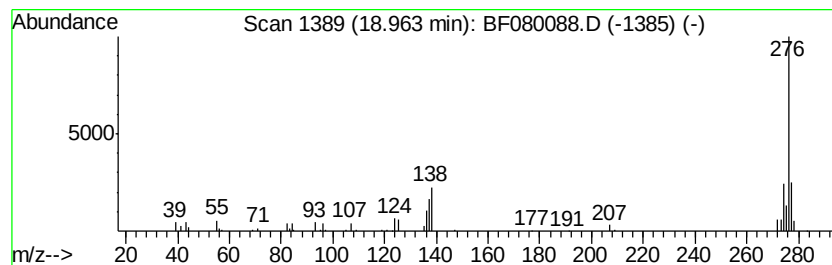
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.33 ng	69926	Perylene-d12	16.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080088.D
 Acq On : 20 Jun 2015 8:23
 Operator : TP/IZ
 Sample : G2699-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9819

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.54	47.5	ng	636442	1	7.33	268037	20.0
unknown6.21	6.21	5.3	ng	70544	1	7.33	268037	20.0
Ethanol, 2-(2-met...	6.56	2.4	ng	32495	1	7.33	268037	20.0
Ethanol, 2,2'-oxy...	6.80	9.0	ng	121022	1	7.33	268037	20.0
unknown7.10	7.10	80.0	ng	1071630	1	7.33	268037	20.0
Phenol, 2-ethyl-6...	8.95	5.2	ng	104157	2	8.62	402274	20.0
Phenol, 2-ethyl-4...	9.08	4.2	ng	85342	2	8.62	402274	20.0
unknown9.48	9.48	2.1	ng	41950	2	8.62	402274	20.0
Trichloroacetic a...	14.54	7.1	ng	222040	5	14.75	623343	20.0
Cyclotetracosane	15.33	4.8	ng	149989	5	14.75	623343	20.0
Squalene	15.80	5.2	ng	155215	6	16.57	600478	20.0
Dibenzo[def,mno]c...	18.96	2.3	ng	69926	6	16.57	600478	20.0