

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082061.D
 Acq On : 5 Oct 2015 23:30
 Operator : UM/IZ
 Sample : G3891-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8(0-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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	4.423	198	200	202	rBV	21543	31598	1.13%	0.126%
2	4.480	202	205	210	rVB3	16473	37103	1.32%	0.148%
3	5.074	254	257	266	rBV	775478	1408726	50.25%	5.606%
4	5.451	287	290	291	rBV	36490	55441	1.98%	0.221%
5	5.486	291	293	296	rVB	2094947	2290472	81.71%	9.115%
6	5.886	326	328	330	rBV	28688	29672	1.06%	0.118%
7	6.480	378	380	381	rBV	29238	29512	1.05%	0.117%
8	6.514	381	383	386	rBV	1656408	2520778	89.92%	10.032%
9	6.651	392	395	398	rBV	2403129	2441694	87.10%	9.717%
10	6.709	398	400	403	rVB	56155	59523	2.12%	0.237%
11	6.880	413	415	418	rBV	480914	534848	19.08%	2.129%
12	6.937	418	420	424	rVV3	25469	37547	1.34%	0.149%
13	7.040	427	429	432	rVV	2244173	2044184	72.92%	8.135%
14	7.154	436	439	441	rVB2	15296	28271	1.01%	0.113%
15	7.200	441	443	448	rBV3	27519	58751	2.10%	0.234%
16	7.452	462	465	468	rBV	1252277	1427227	50.91%	5.680%
17	7.532	470	472	474	rVB	30613	36507	1.30%	0.145%
18	7.680	484	485	491	rVB3	18122	35987	1.28%	0.143%
19	7.909	501	505	509	rBV3	32131	71009	2.53%	0.283%
20	8.172	525	528	530	rBV	789109	723324	25.80%	2.879%
21	8.880	587	590	594	rVB3	26030	46876	1.67%	0.187%
22	9.246	619	622	625	rBV	2286871	2803308	100.00%	11.156%
23	9.315	625	628	630	rVV3	36944	80010	2.85%	0.318%
24	9.395	634	635	637	rVB2	36432	31133	1.11%	0.124%
25	9.452	637	640	642	rBV2	23215	38580	1.38%	0.154%
26	9.509	643	645	648	rBV3	17117	35135	1.25%	0.140%
27	9.646	654	657	659	rVB	580402	498025	17.77%	1.982%
28	9.726	659	664	668	rBV8	19798	72997	2.60%	0.291%
29	9.783	668	669	671	rBV	48489	76377	2.72%	0.304%
30	9.852	674	675	677	rVB2	36414	34708	1.24%	0.138%
31	9.932	679	682	683	rBV	630608	707477	25.24%	2.816%
32	10.355	715	719	720	rBV	68082	103958	3.71%	0.414%
33	10.720	748	751	753	rBV	1436858	1447886	51.65%	5.762%
34	10.835	759	761	763	rBV2	64083	107325	3.83%	0.427%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	11.372	806	808	809	rBV	86675	112637	4.02%	0.448%
36	11.418	810	812	813	rBV	599554	547913	19.55%	2.181%
37	11.955	857	859	864	rBV3	487491	550796	19.65%	2.192%
38	12.629	917	918	920	rBV	236317	233977	8.35%	0.931%
39	12.858	936	938	940	rBV	183694	223391	7.97%	0.889%
40	13.006	949	951	954	rBV	1658398	1930484	68.86%	7.683%
41	13.909	1028	1030	1033	rBV	354090	442965	15.80%	1.763%
42	14.069	1041	1044	1047	rVB2	444419	664682	23.71%	2.645%
43	15.532	1170	1172	1176	rVB	319206	434807	15.51%	1.730%

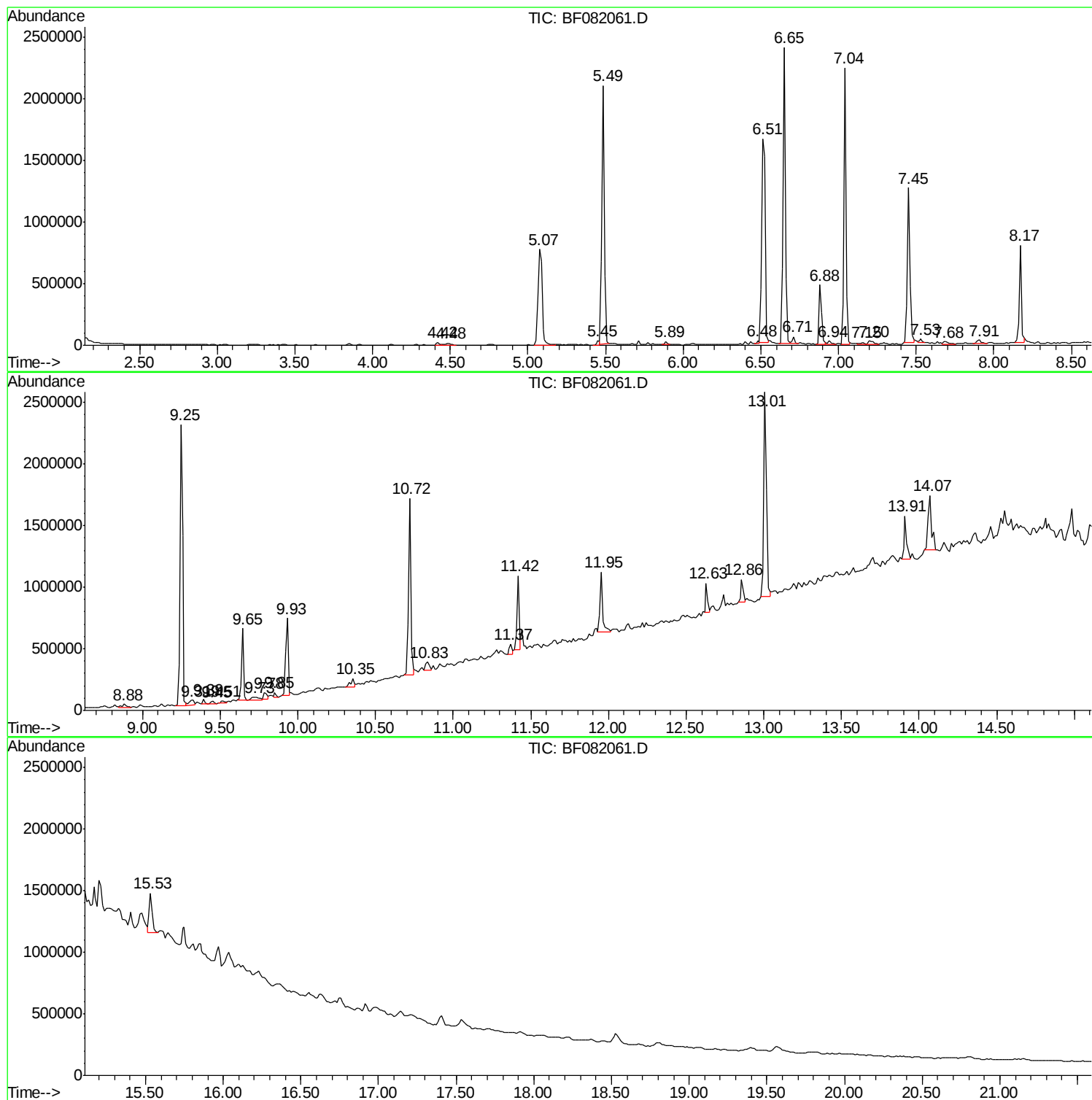
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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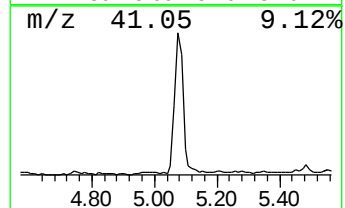
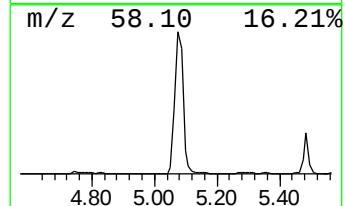
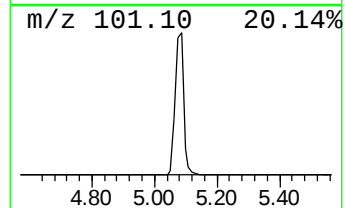
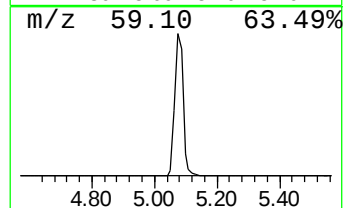
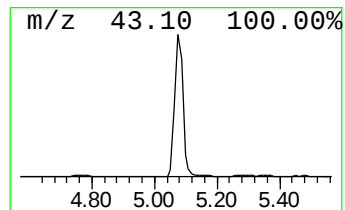
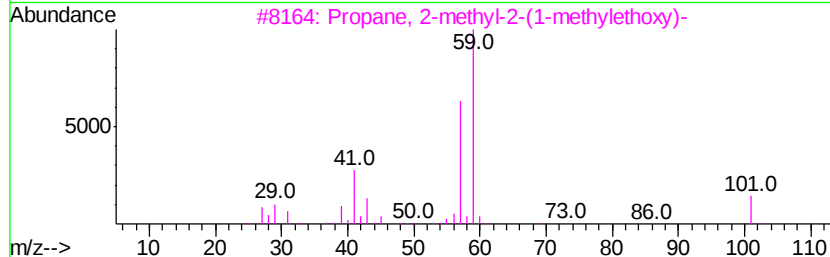
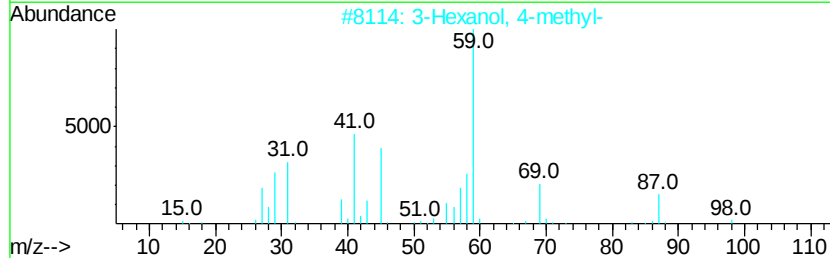
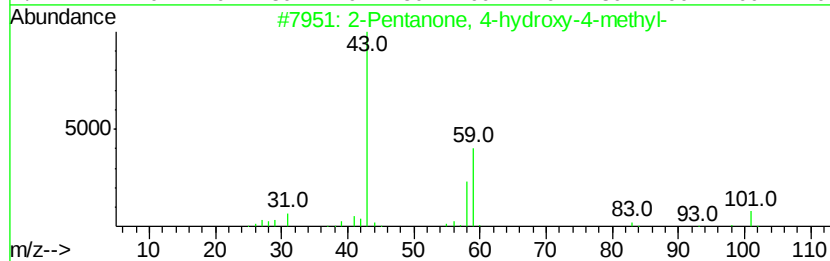
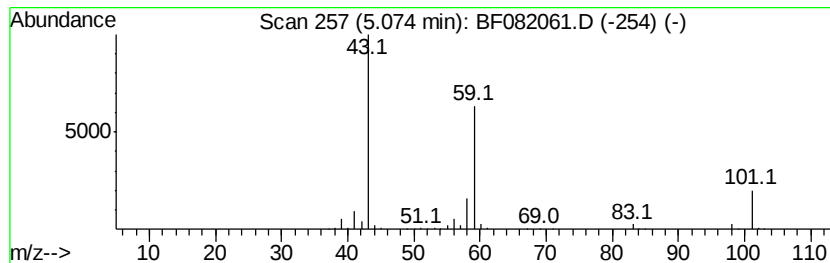
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	52.68 ng	1408730	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
3	Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	28	
4	Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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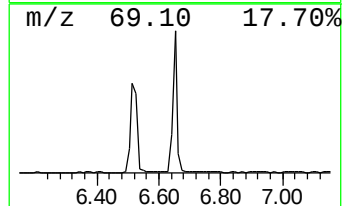
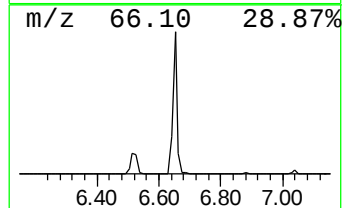
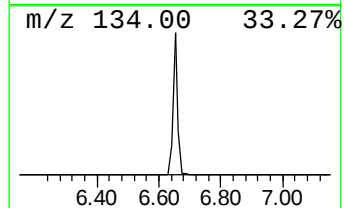
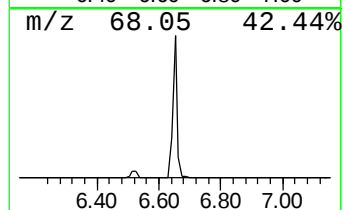
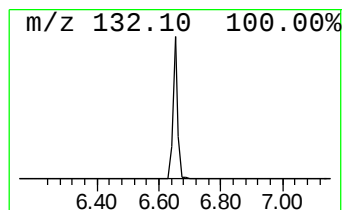
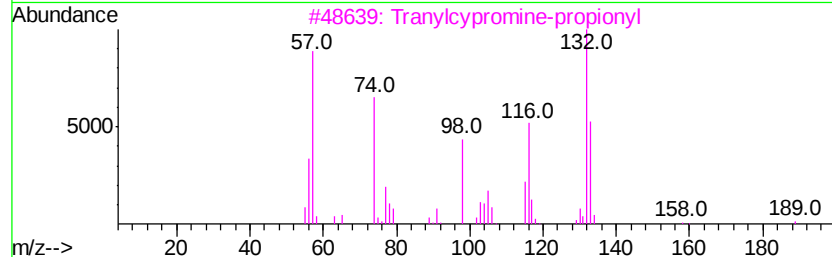
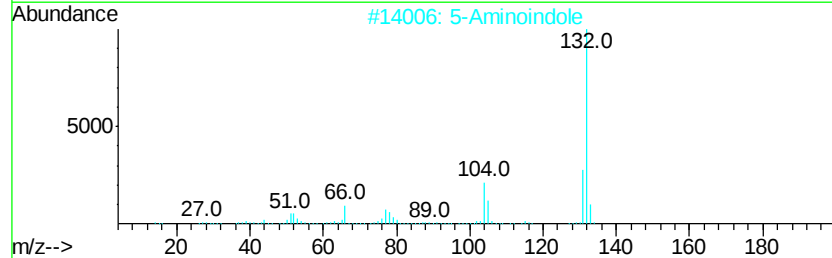
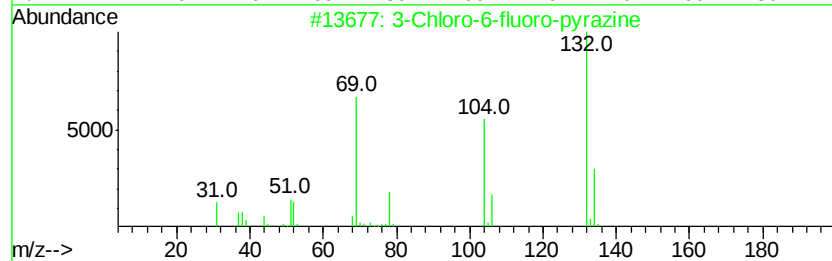
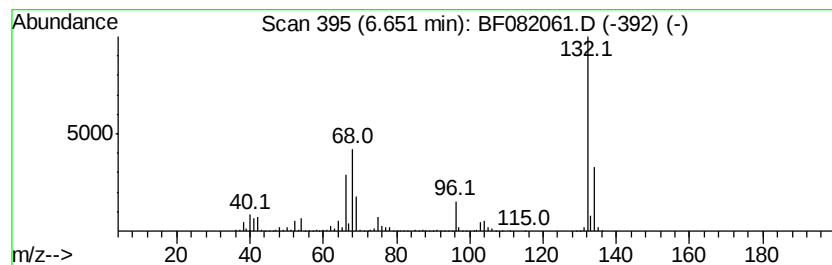
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	91.30 ng	2441690	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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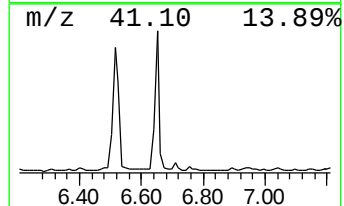
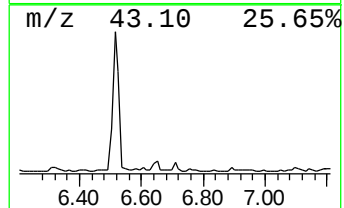
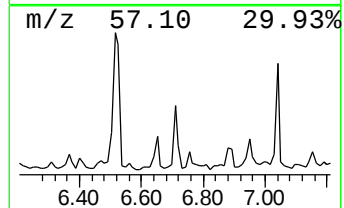
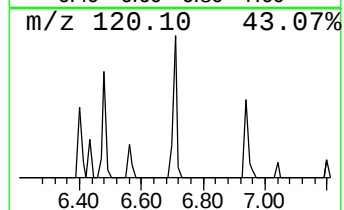
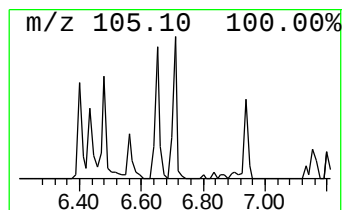
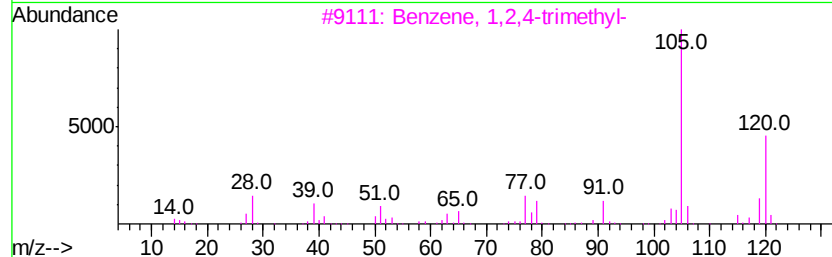
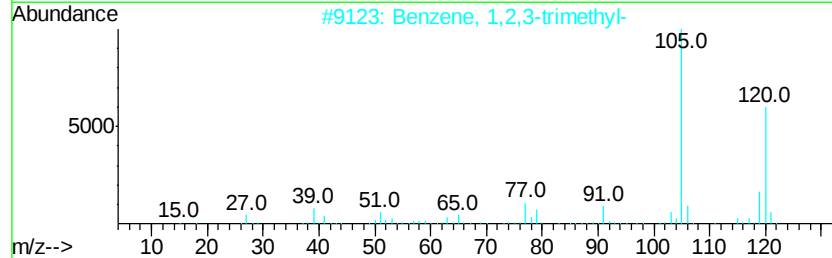
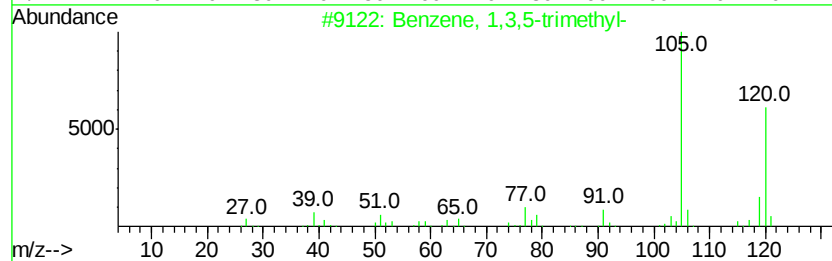
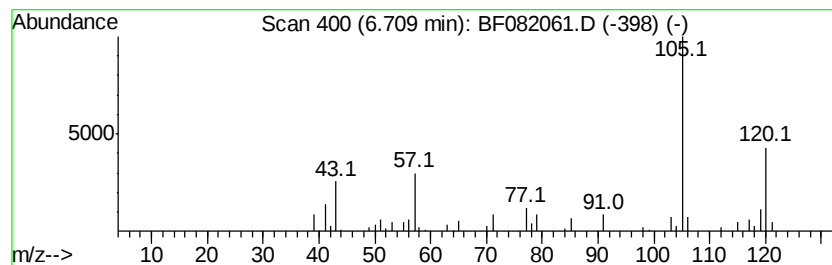
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	2.23 ng	59523	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83



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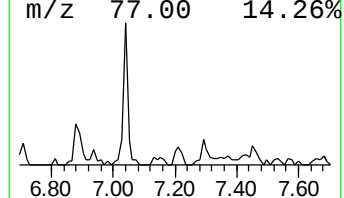
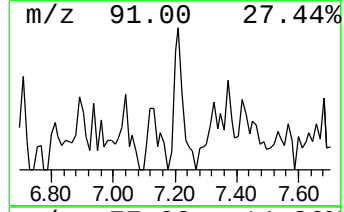
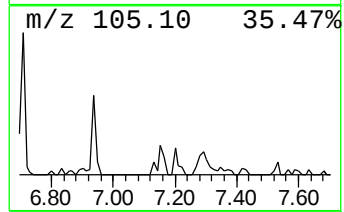
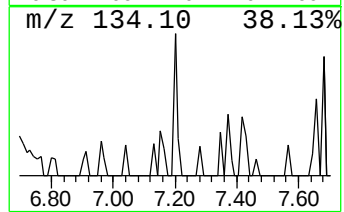
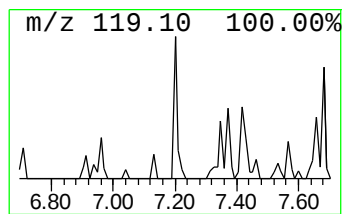
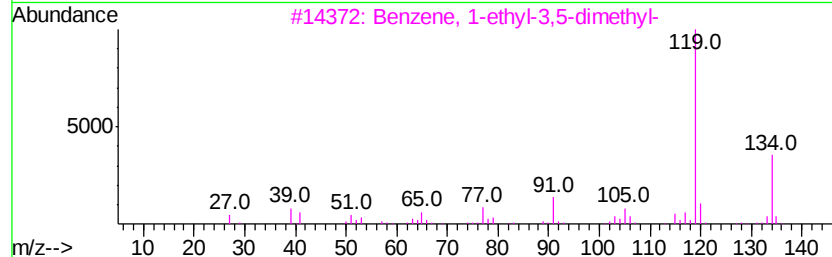
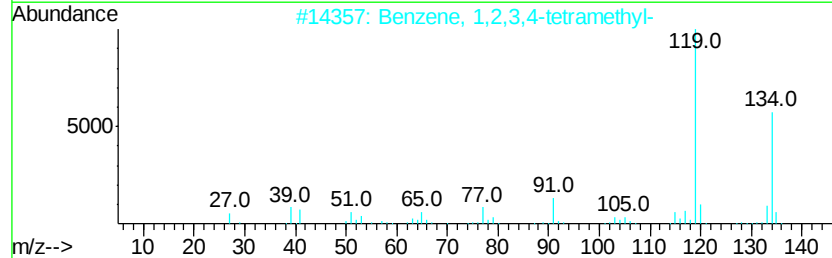
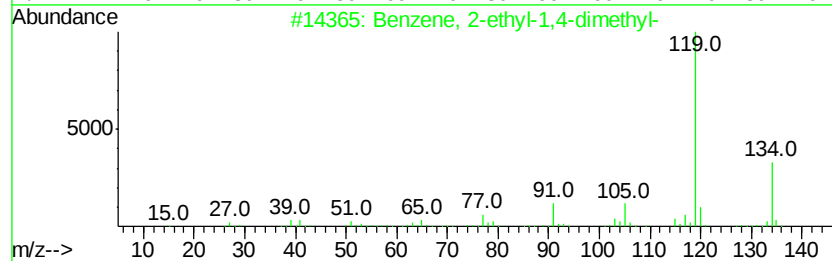
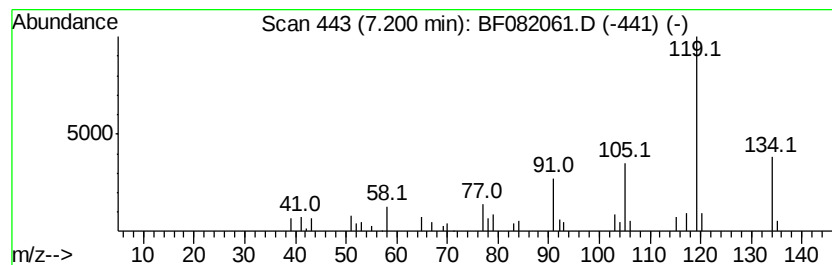
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	2.20 ng	58751	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



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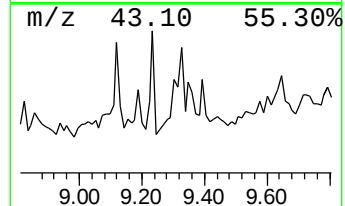
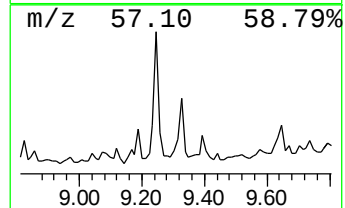
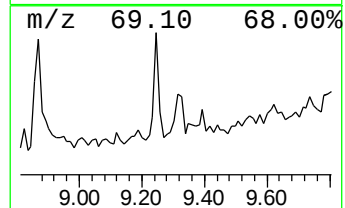
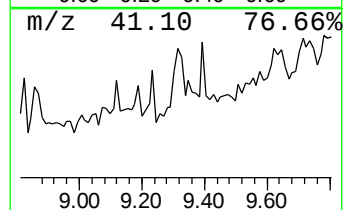
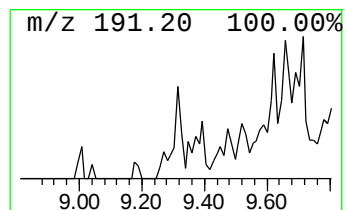
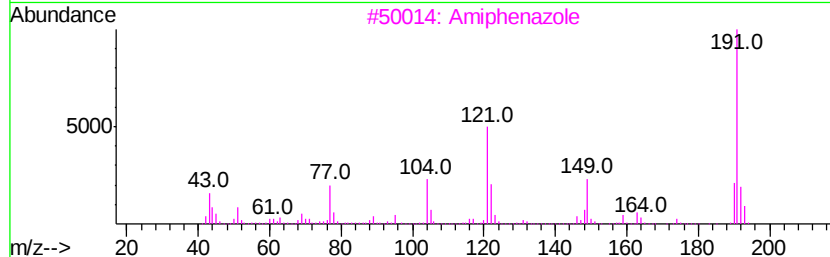
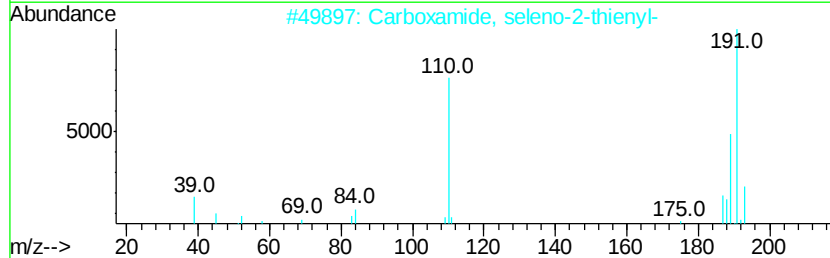
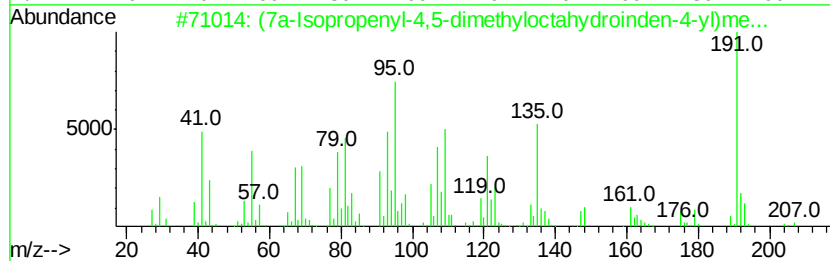
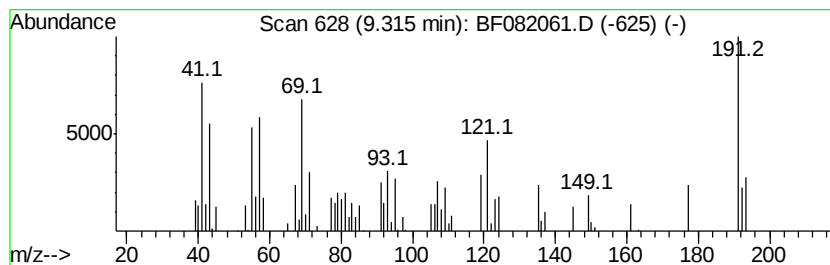
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.31 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.26 ng	80010	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(7a-Isopropenyl-4,5-dimethylocta...	222 C15H26O	1000187-02-9 33
2		Carboxamide, seleno-2-thienyl-	191 C5H5NSSe	054679-69-5 27
3		Amiphenazole	191 C9H9N3S	000490-55-1 27
4		3,4-Heptadien-2-one, 3-cyclopent...	192 C13H20O	063922-50-9 25
5		7-Hydroxy-2,5,8-quinoline trione	191 C9H5NO4	015544-54-4 17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-8(0-2)

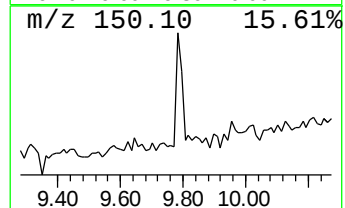
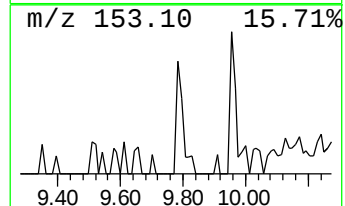
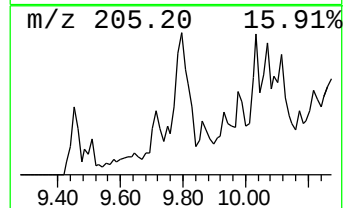
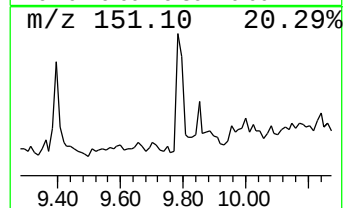
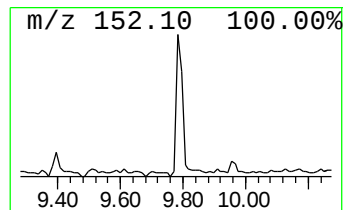
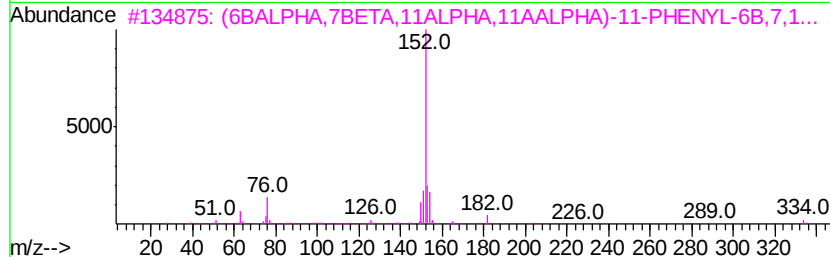
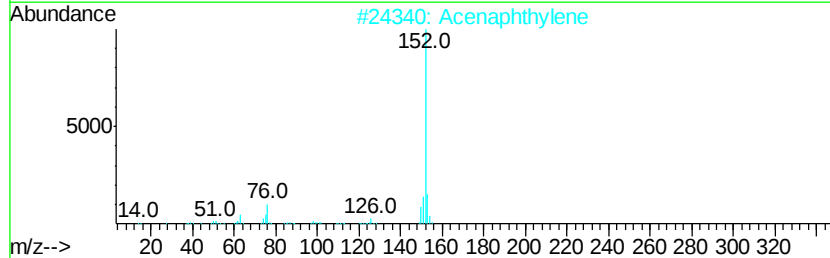
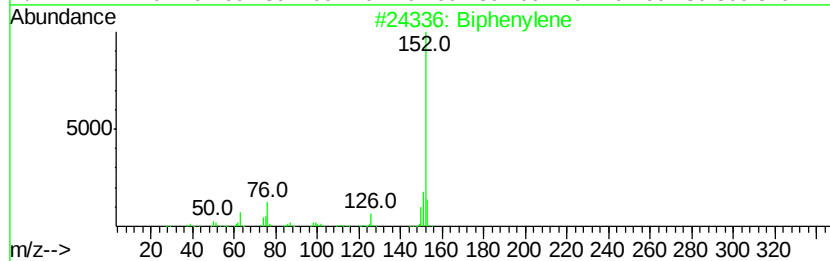
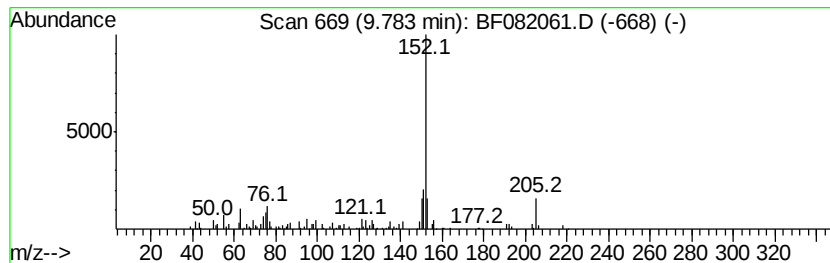
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Biphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.16 ng	76377	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	83
2		Acenaphthylene	152	C12H8	000208-96-8	72
3		(6BALPHA,7BETA,11ALPHA,11AALPHA)...	334	C25H18O	1000241-69-8	64
4		5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	53
5		3,5-Dimethoxy-N,N-dimethylbenzyl...	195	C11H17NO2	039727-93-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

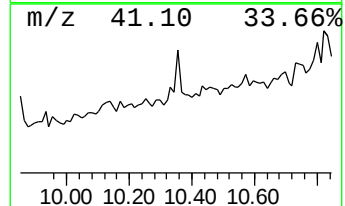
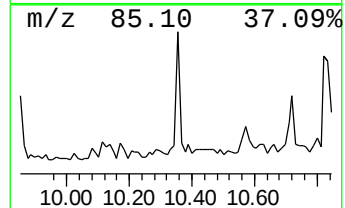
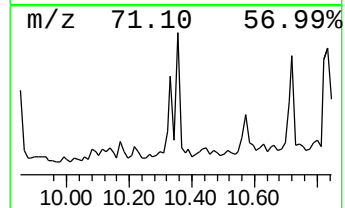
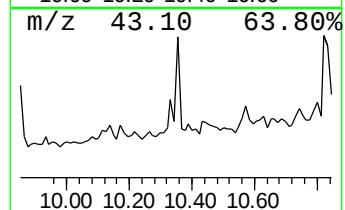
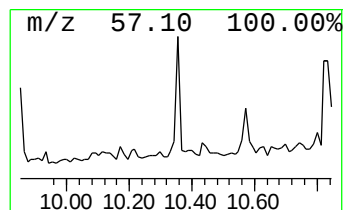
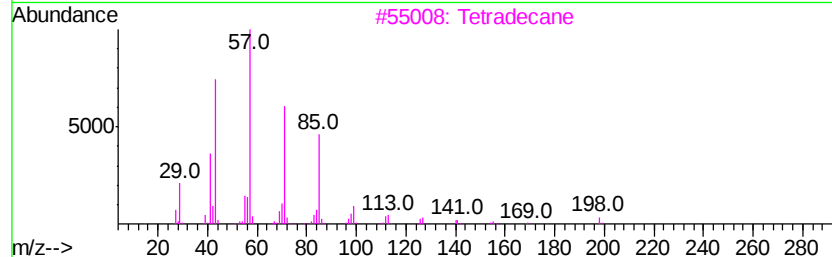
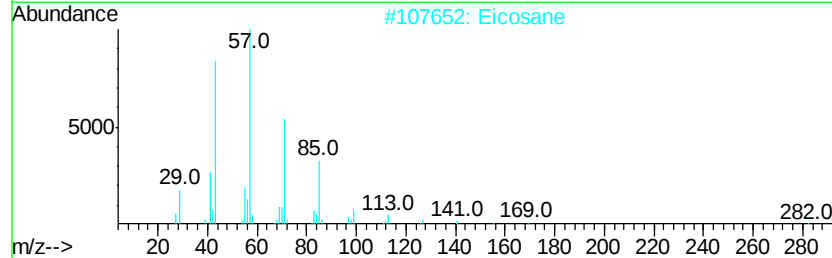
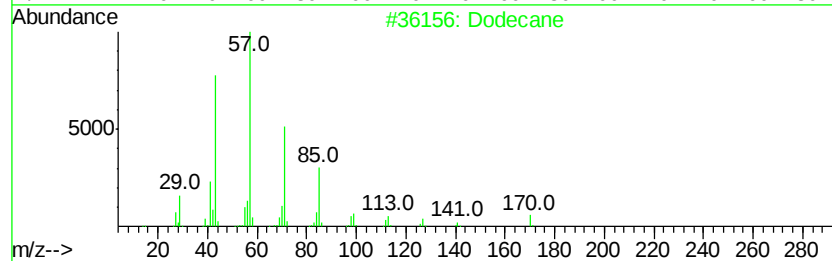
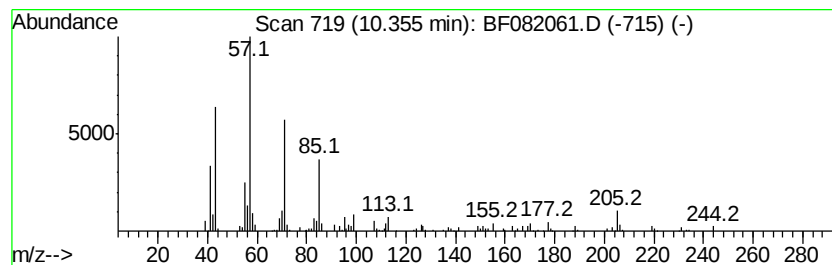
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.94 ng	103958	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	68
2	Eicosane	282 C20H42	000112-95-8	62
3	Tetradecane	198 C14H30	000629-59-4	58
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	58
5	Hexadecane	226 C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

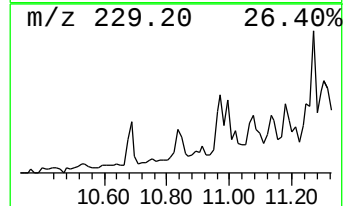
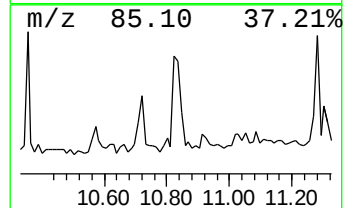
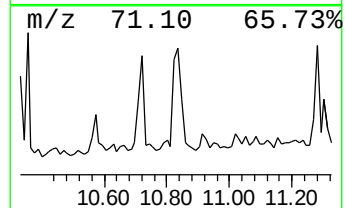
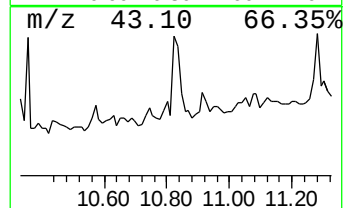
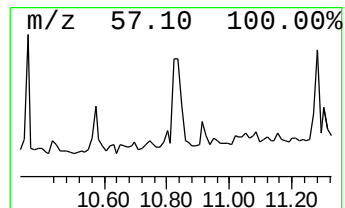
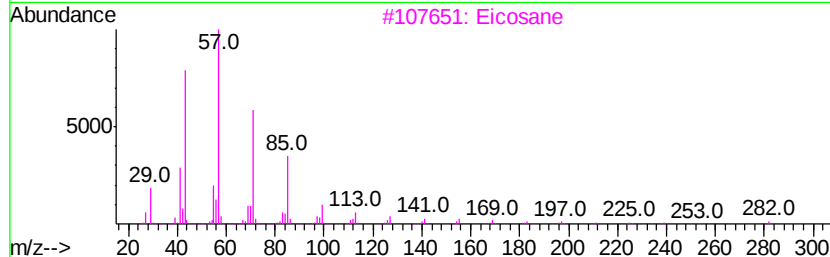
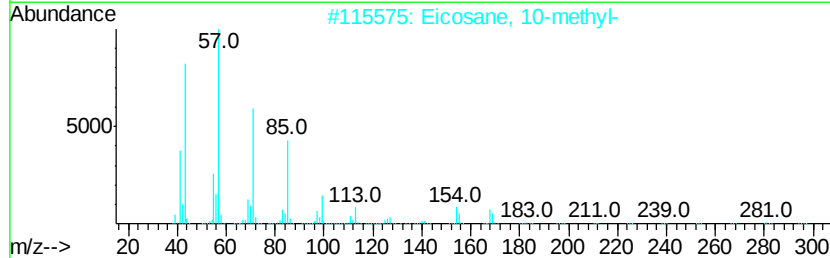
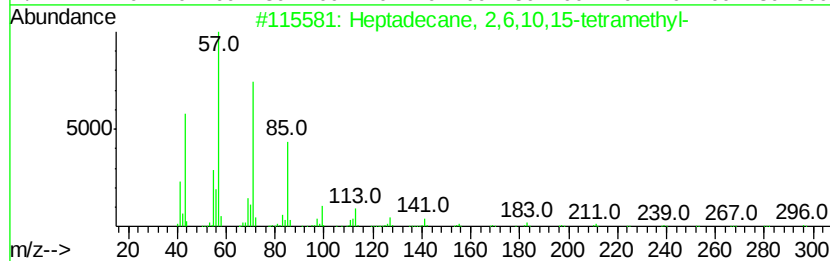
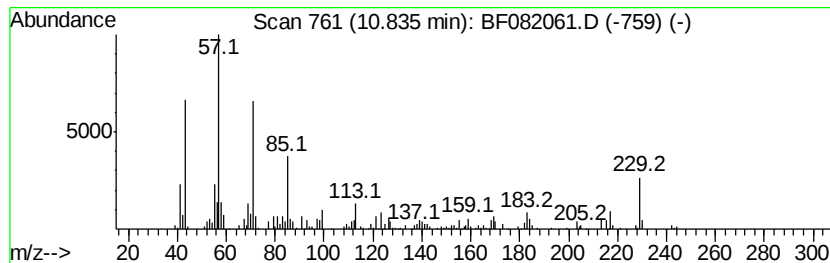
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.83	3.92 ng	107325	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
3	Eicosane	282	C20H42	000112-95-8	52
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	52
5	Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

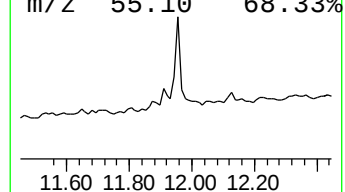
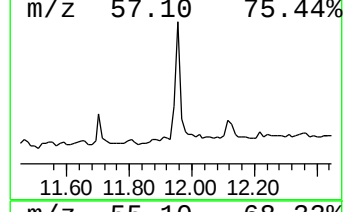
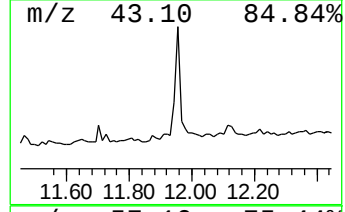
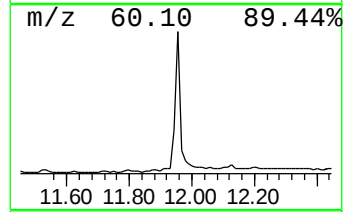
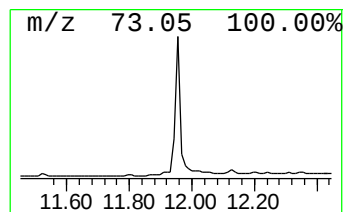
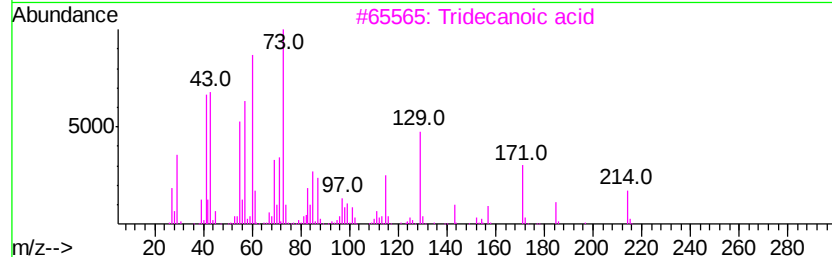
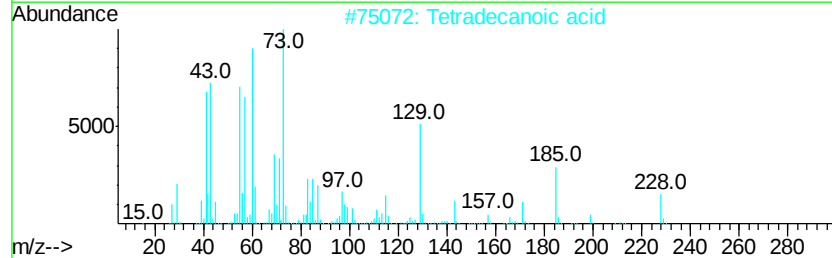
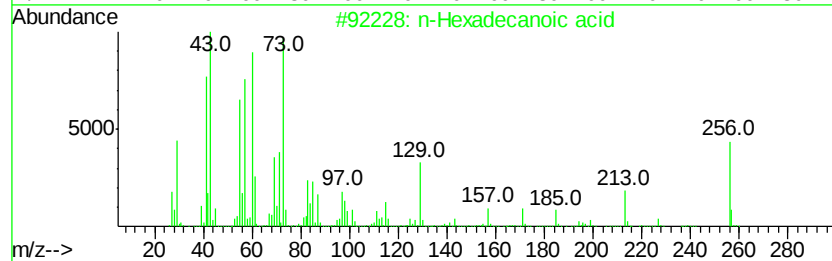
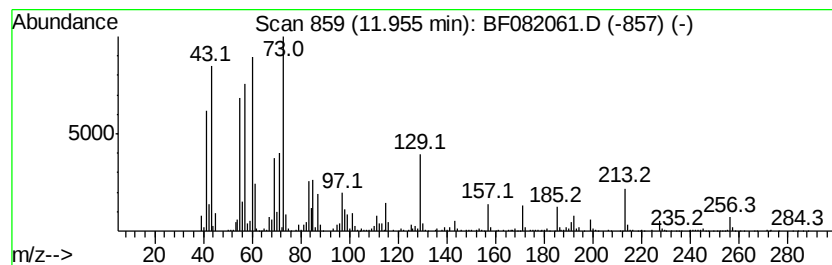
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.95	20.11 ng	550796	Phenanthrene-d10		11.42	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082061.D
Acq On : 5 Oct 2015 23:30
Operator : UM/IZ
Sample : G3891-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

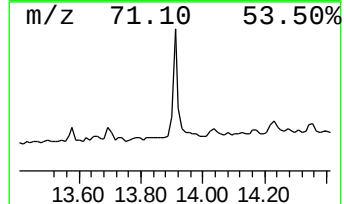
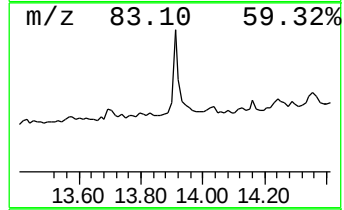
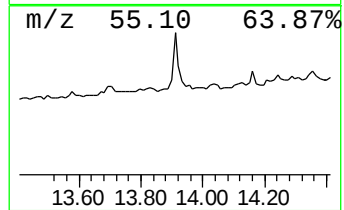
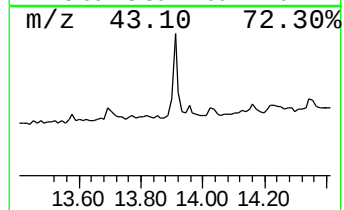
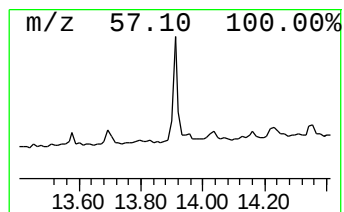
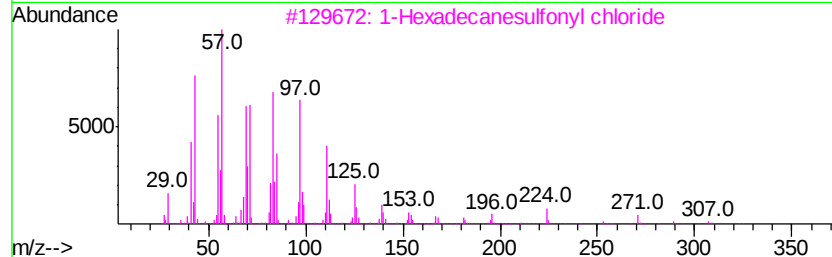
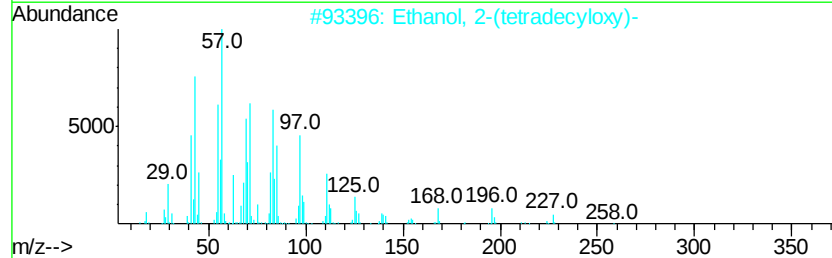
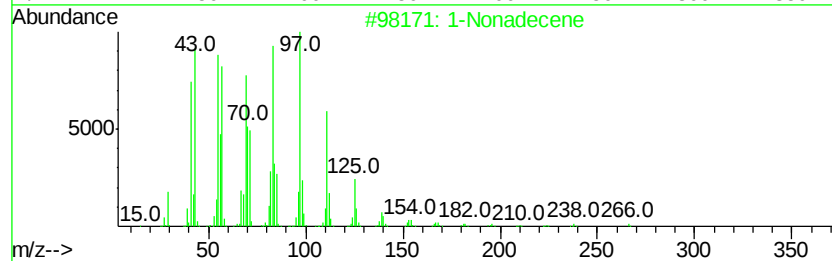
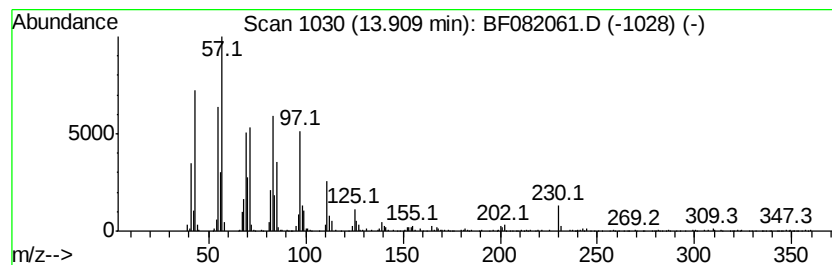
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	13.33 ng	442965	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	95
2	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	91
4	Methoxyacetic acid, heptadecyl e...	328 C20H40O3	1000282-99-1	91
5	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
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unknown6.65	6.65	91.3	ng	2441690	1	6.88	534848	20.0
Benzene, 1,3,5-tr...	6.71	2.2	ng	59523	1	6.88	534848	20.0
Benzene, 2-ethyl-...	7.20	2.2	ng	58751	1	6.88	534848	20.0
unknown9.31	9.31	2.3	ng	80010	3	9.93	707477	20.0
Biphenylene	9.78	2.2	ng	76377	3	9.93	707477	20.0
Dodecane	10.35	2.9	ng	103958	3	9.93	707477	20.0
Heptadecane, 2,6,...	10.83	3.9	ng	107325	4	11.42	547913	20.0
n-Hexadecanoic acid	11.95	20.1	ng	550796	4	11.42	547913	20.0
1-Nonadecene	13.91	13.3	ng	442965	5	14.07	664682	20.0