

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084265.D
 Acq On : 5 Jan 2016 5:03
 Operator : UM/SJ
 Sample : G4990-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	3.870	152	156	159	rVB	537732	855269	9.56%	1.187%
2	5.082	260	262	268	rVB	702143	828056	9.26%	1.149%
3	5.504	296	299	301	rBV	5027065	4894540	54.71%	6.792%
4	6.533	386	389	391	rBV	3152865	3375597	37.73%	4.684%
5	6.659	398	400	402	rBV	6439358	6813240	76.16%	9.454%
6	6.887	418	420	422	rBV	2092055	1743264	19.49%	2.419%
7	7.047	431	434	436	rVB	7098644	6529694	72.99%	9.061%
8	7.459	467	470	472	rBV	5549439	6105904	68.25%	8.473%
9	8.179	530	533	535	rBV	2309459	2330914	26.05%	3.234%
10	8.910	593	597	600	rBV	230746	416815	4.66%	0.578%
11	9.013	605	606	610	rVB2	87961	144209	1.61%	0.200%
12	9.162	617	619	622	rVB2	168498	221095	2.47%	0.307%
13	9.253	624	627	629	rVV	7968888	8946277	100.00%	12.414%
14	9.299	629	631	632	rVV2	218736	284134	3.18%	0.394%
15	9.333	632	634	636	rVB3	70372	102829	1.15%	0.143%
16	9.653	660	662	663	rVB	141161	154843	1.73%	0.215%
17	9.928	684	686	688	rVV	2228956	2346852	26.23%	3.257%
18	10.225	710	712	714	rVB	135865	144276	1.61%	0.200%
19	10.362	722	724	726	rVB2	183205	183625	2.05%	0.255%
20	10.579	741	743	745	rBV	312149	293846	3.28%	0.408%
21	10.728	751	756	758	rBV	4690496	6292176	70.33%	8.731%
22	10.854	764	767	770	rVB2	472694	555715	6.21%	0.771%
23	10.911	770	772	773	rBV	668049	757680	8.47%	1.051%
24	10.945	773	775	776	rVV2	829544	1086819	12.15%	1.508%
25	10.979	776	778	781	rVV3	575573	1235501	13.81%	1.714%
26	11.036	781	783	786	rVV3	320622	758541	8.48%	1.053%
27	11.082	786	787	789	rVV2	611571	757778	8.47%	1.052%
28	11.128	789	791	793	rVV2	528945	890956	9.96%	1.236%
29	11.162	793	794	796	rVB	425936	359047	4.01%	0.498%
30	11.288	802	805	809	rBV3	149100	239341	2.68%	0.332%
31	11.414	814	816	819	rBV	2447460	2217738	24.79%	3.077%
32	11.631	833	835	838	rBV	100161	101306	1.13%	0.141%
33	12.191	882	884	886	rBV	86644	100885	1.13%	0.140%
34	12.831	938	940	943	rBV2	58040	95197	1.06%	0.132%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.899	943	946	952	rVB3	60360	118373	1.32%	0.164%
36	13.002	952	955	958	rBV	5999819	6302267	70.45%	8.745%
37	13.574	1003	1005	1007	rBV2	246791	231010	2.58%	0.321%
38	13.905	1031	1034	1038	rBV	187816	255396	2.85%	0.354%
39	14.054	1044	1047	1049	rBV	1502293	1568884	17.54%	2.177%
40	15.494	1170	1173	1176	rBV	1156163	1425250	15.93%	1.978%

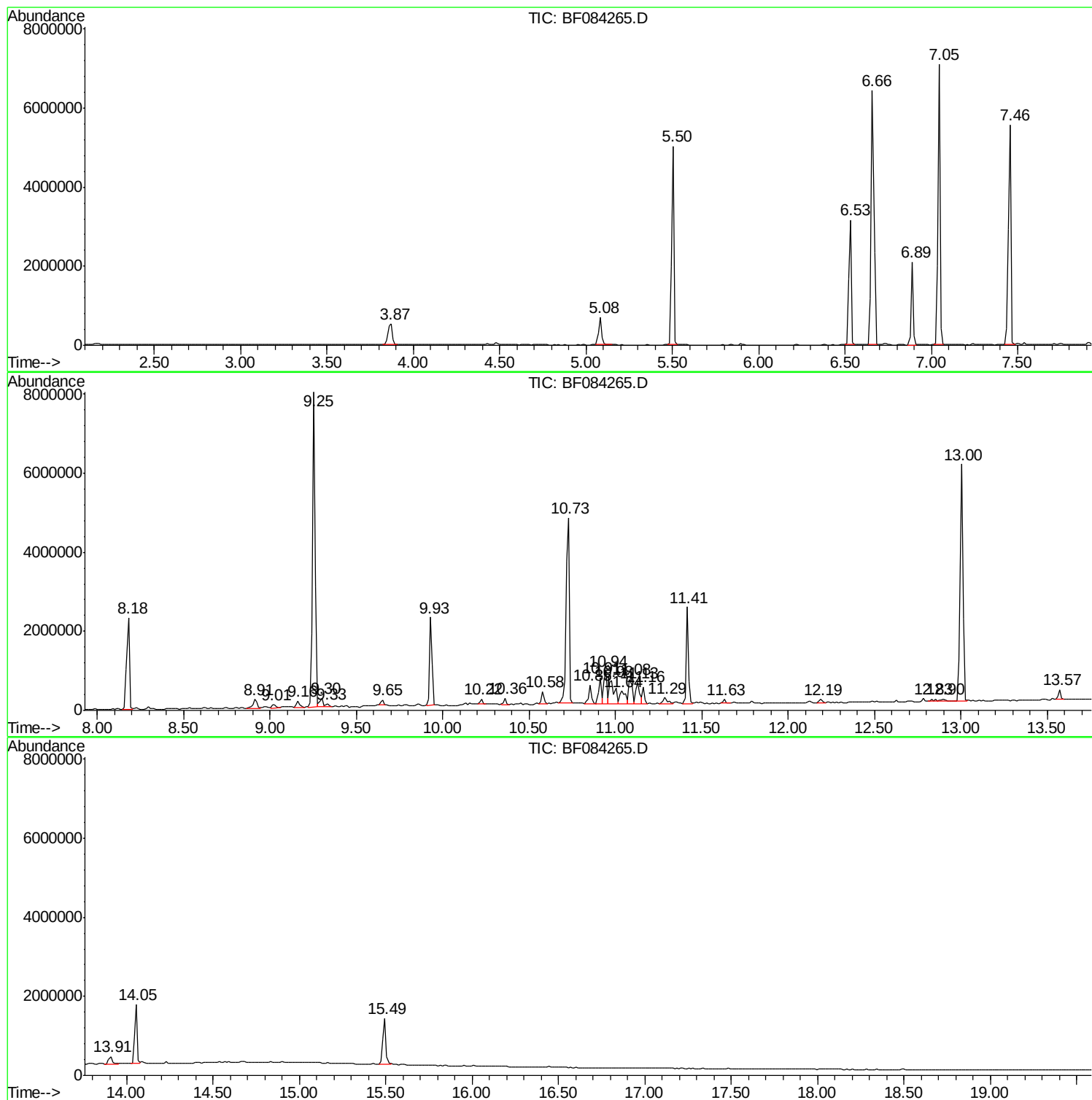
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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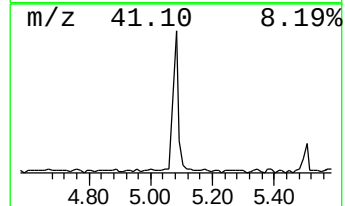
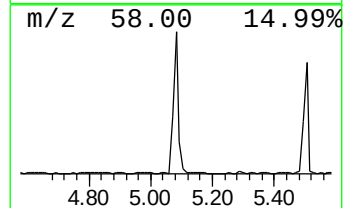
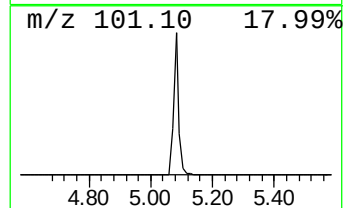
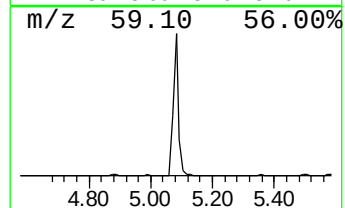
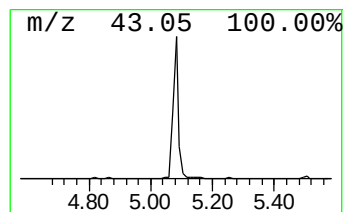
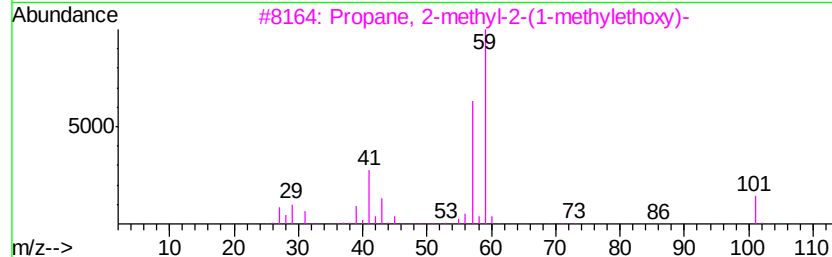
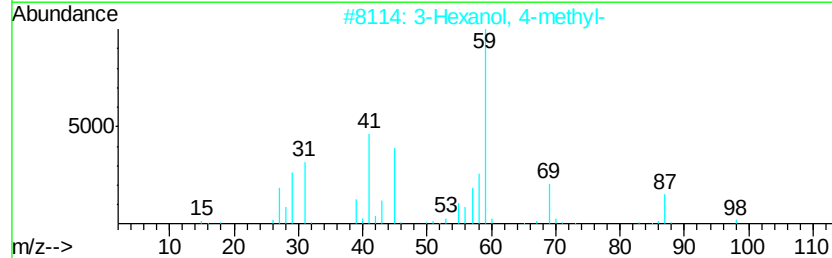
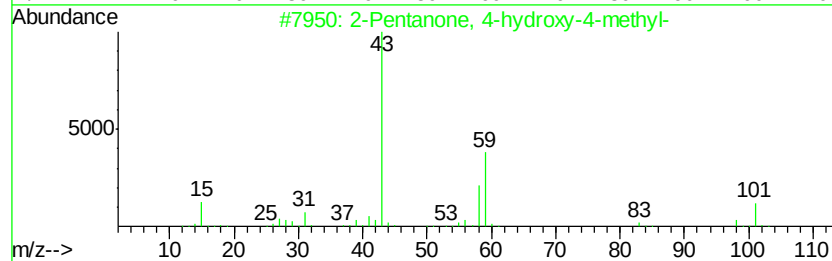
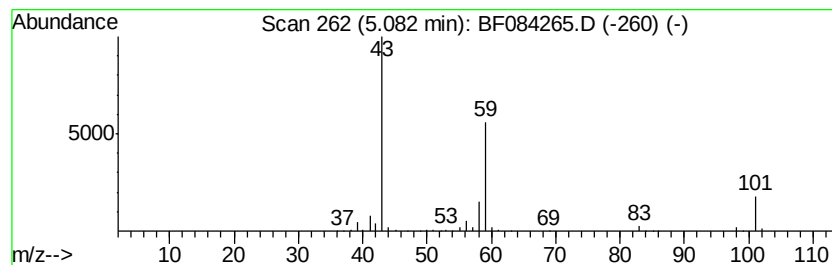
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	9.50 ng	828056	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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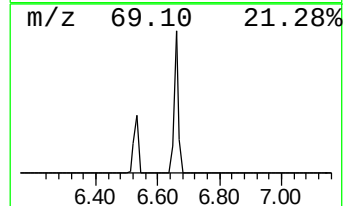
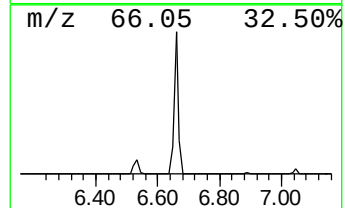
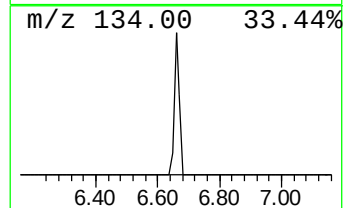
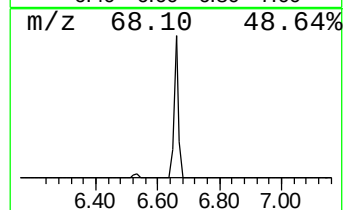
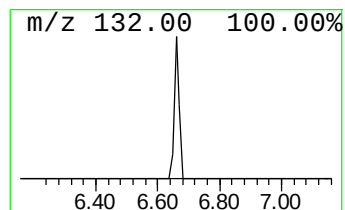
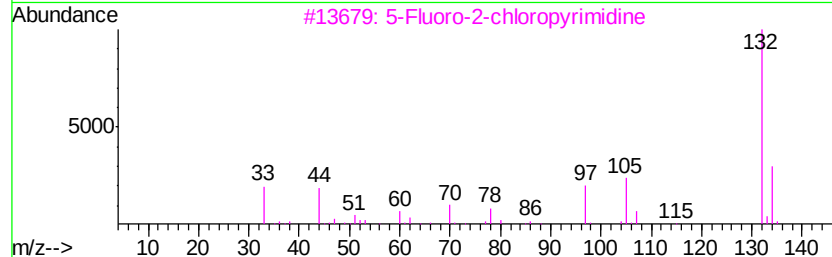
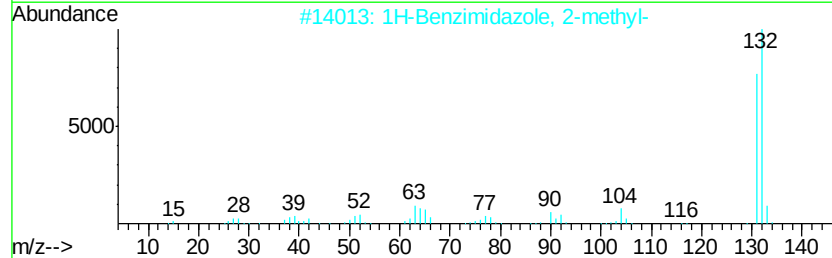
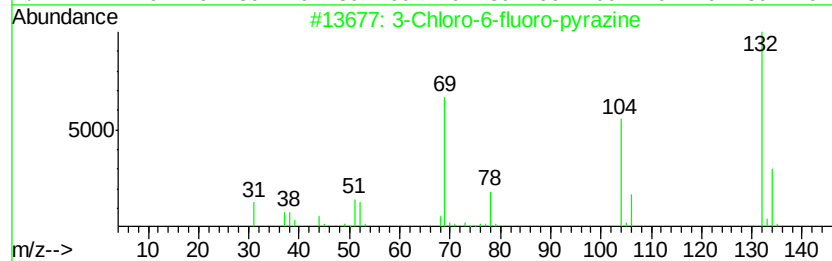
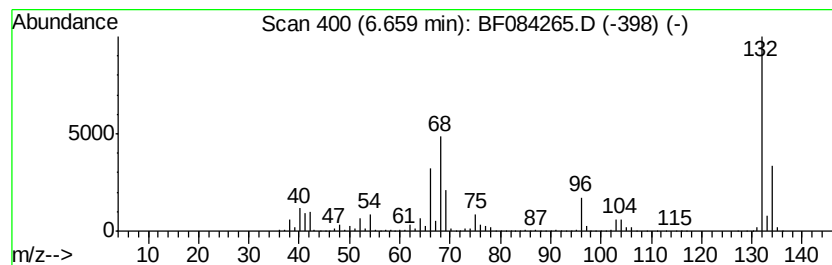
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	78.17 ng	6813240	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	25
3	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE			132	C8H8N2	1000241-93-9	10
5	1,2,3-Trifluorobenzene			132	C6H3F3	001489-53-8	9



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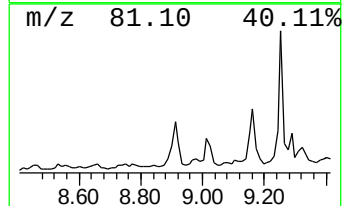
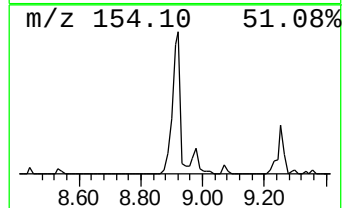
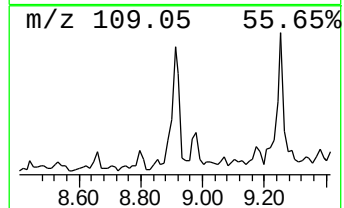
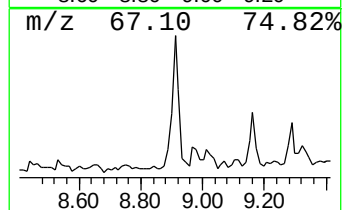
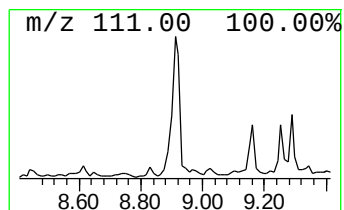
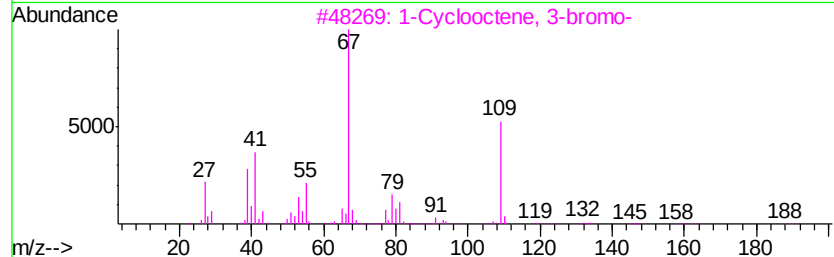
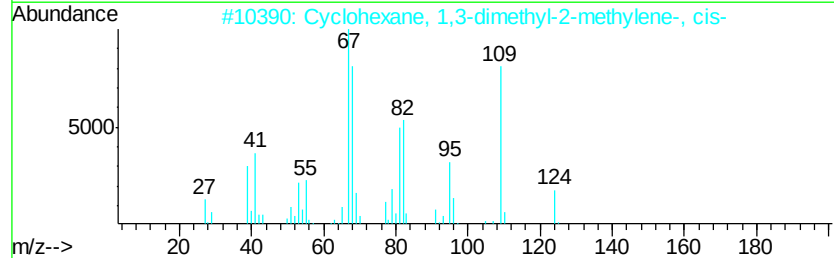
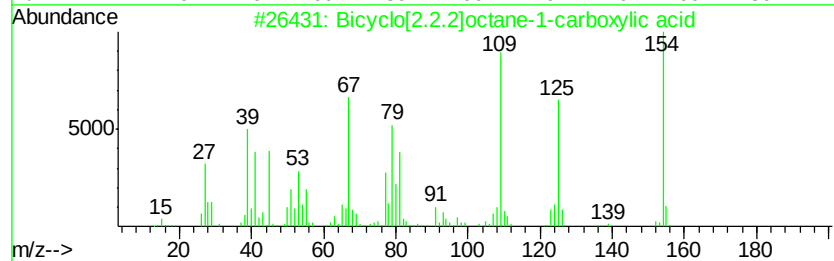
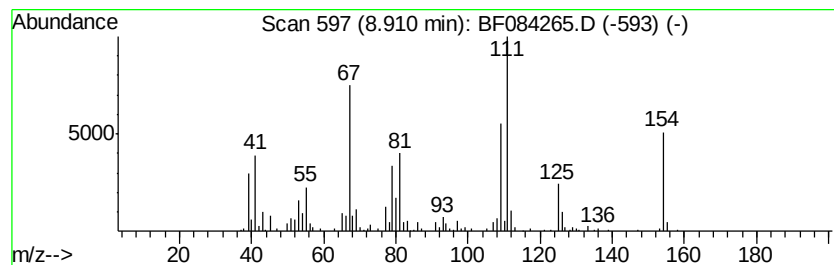
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.58 ng	416815	Naphthalene-d8	8.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.2]octane-1-carboxyli...	154	C9H14O2	000699-55-8	38
2		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	27
3		1-Cyclooctene, 3-bromo-	188	C8H13Br	1000163-39-0	27
4		Cyclohexan-1-ethanol, 1-hydroxym...	158	C9H18O2	003187-28-8	27
5		3-Decyne	138	C10H18	002384-85-2	27



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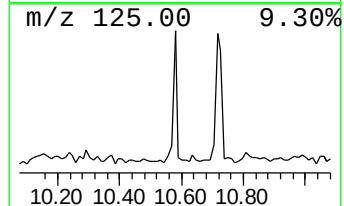
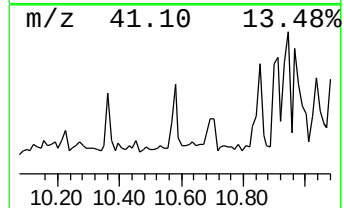
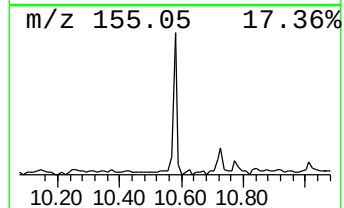
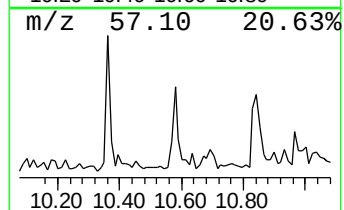
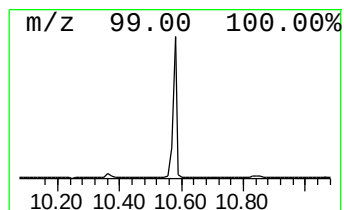
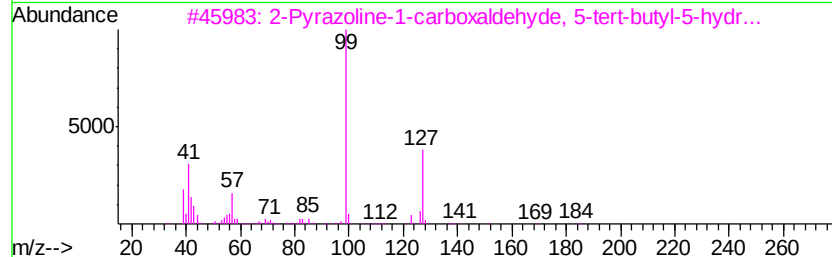
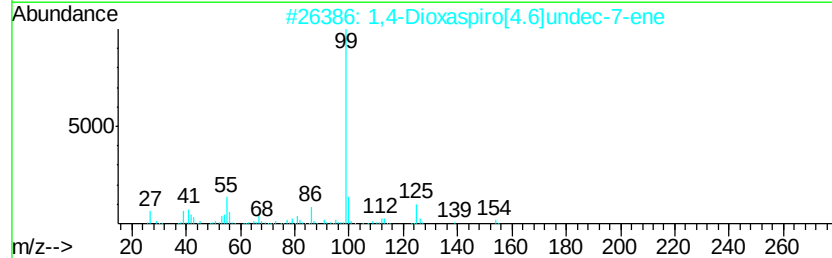
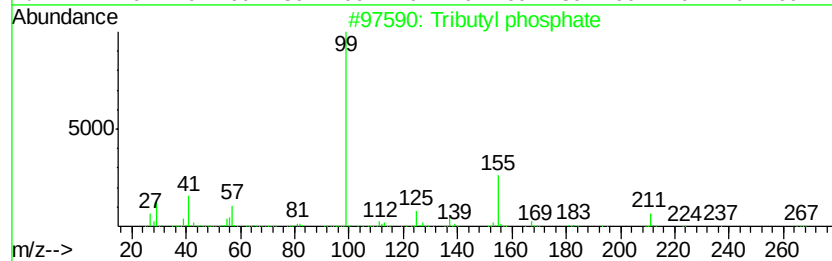
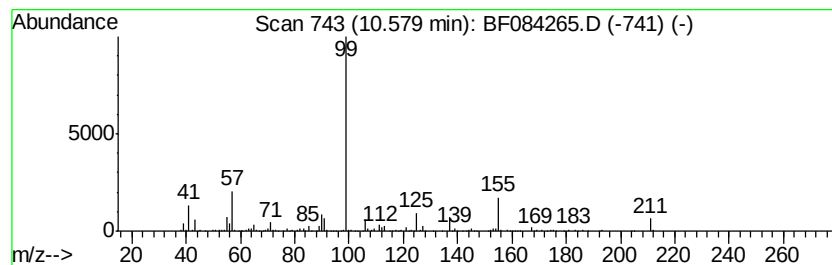
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tributyl phosphate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.58	2.50 ng	293846	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	72
2	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	53
3	2-Pyrazoline-1-carboxaldehyde, 5...	184	C9H16N2O2	103214-44-4	38
4	n-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-63-6	36
5	2-Octen-4-one, 2-methoxy-	156	C9H16O2	024985-48-6	9



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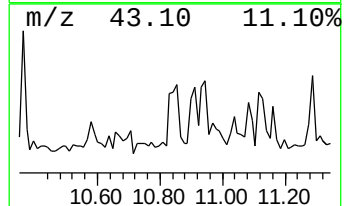
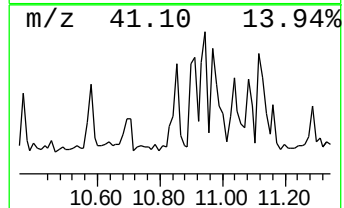
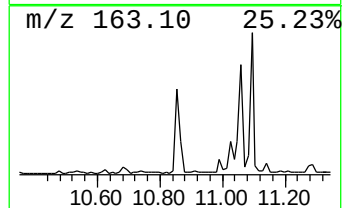
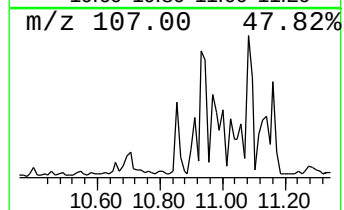
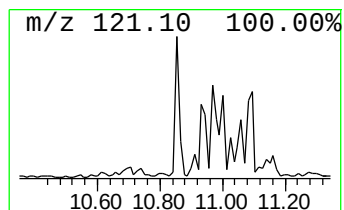
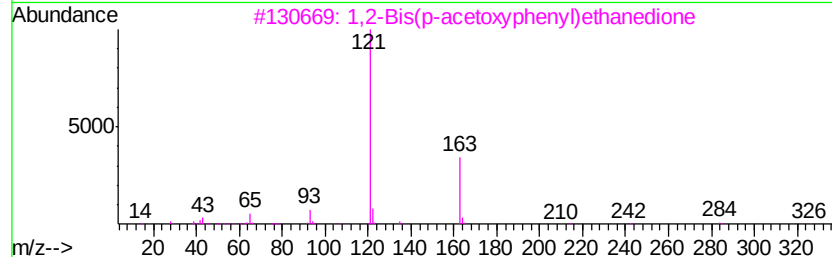
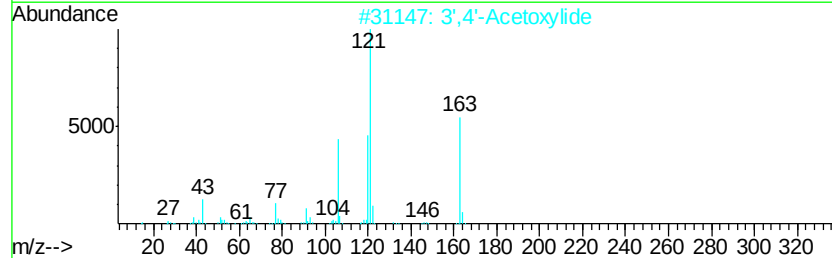
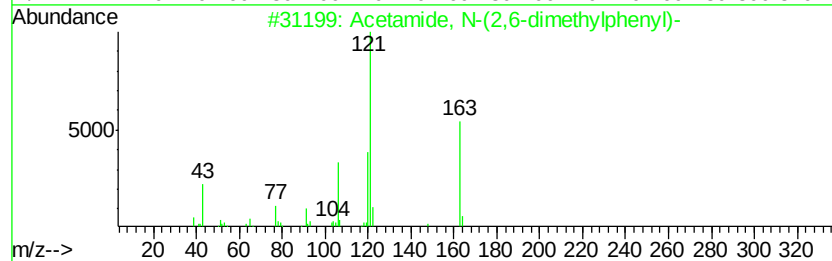
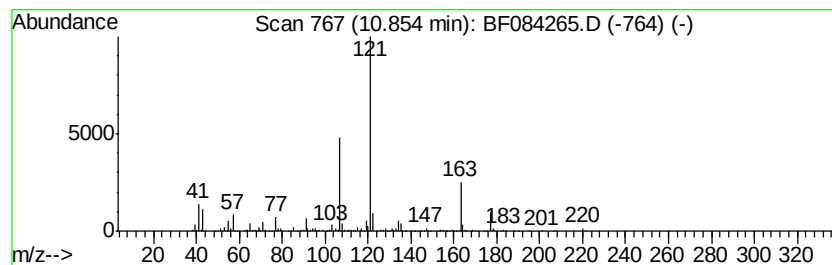
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Acetamide, N-(2,6-dimethylp... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	5.01 ng	555715	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
2	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
4	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	47
5	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
Operator : UM/SJ
Sample : G4990-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

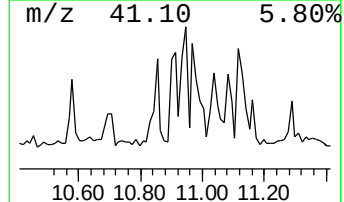
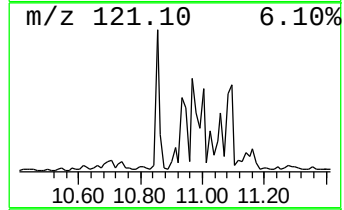
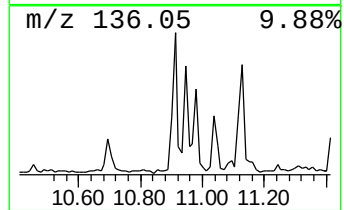
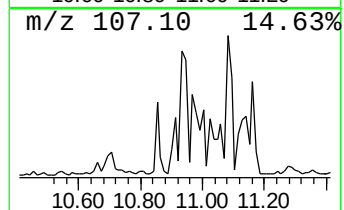
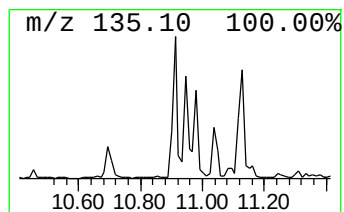
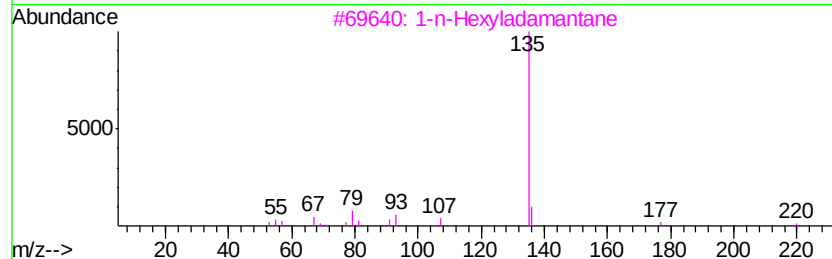
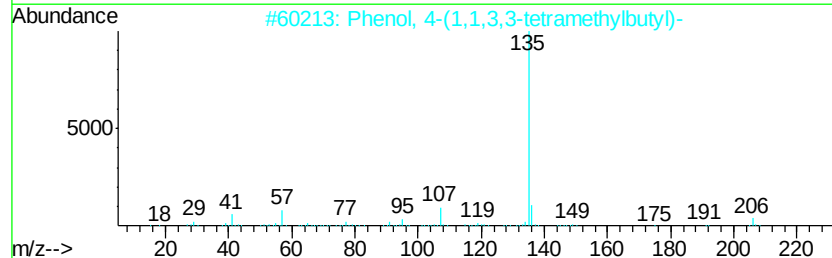
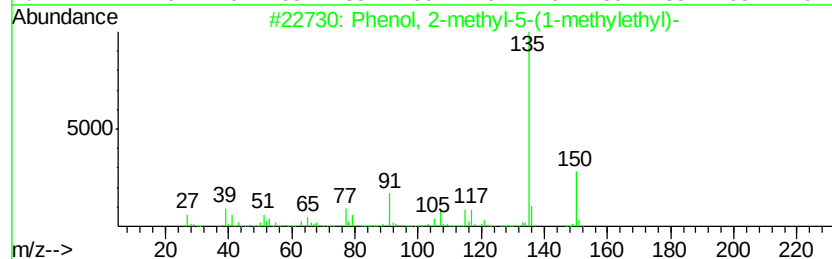
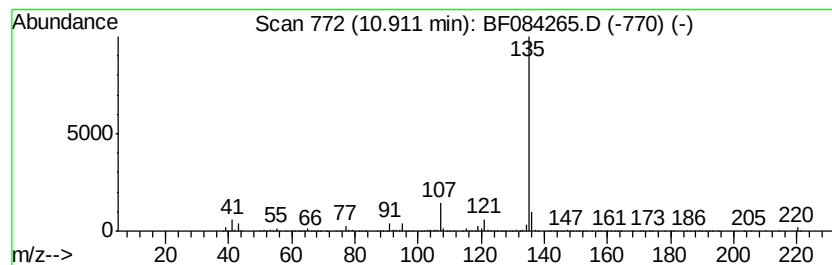
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 2-methyl-5-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	6.83 ng	757680	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3		1-n-Hexyladamantane	220	C16H28	022458-75-9	64
4		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	56
5		m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
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Sample : G4990-09
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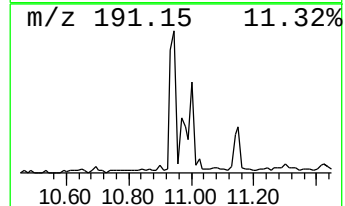
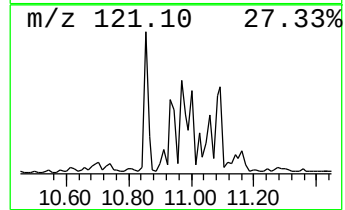
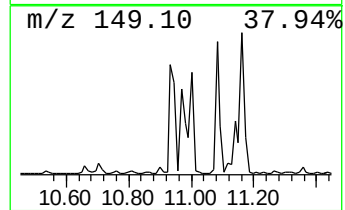
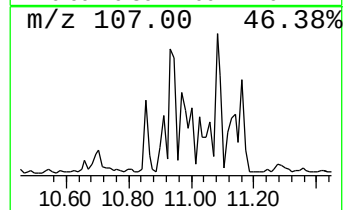
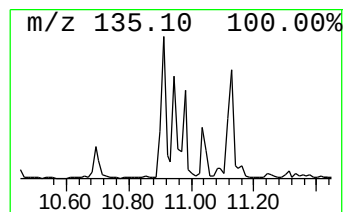
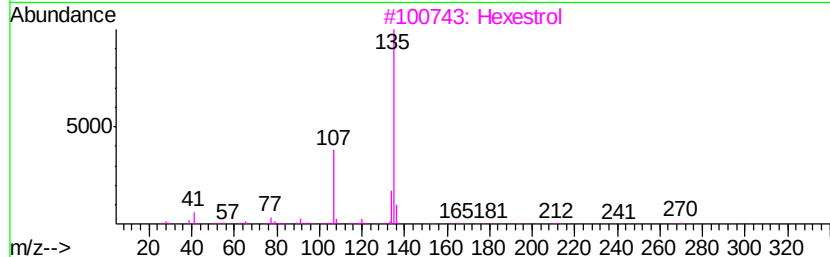
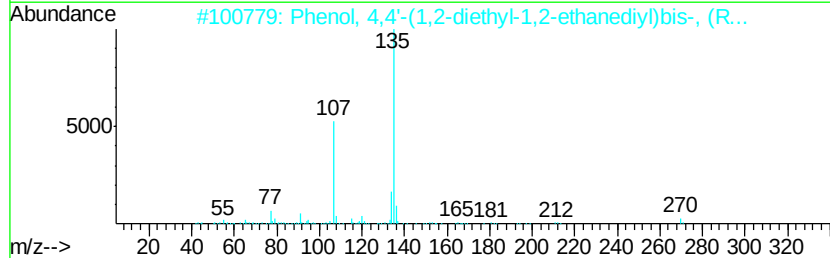
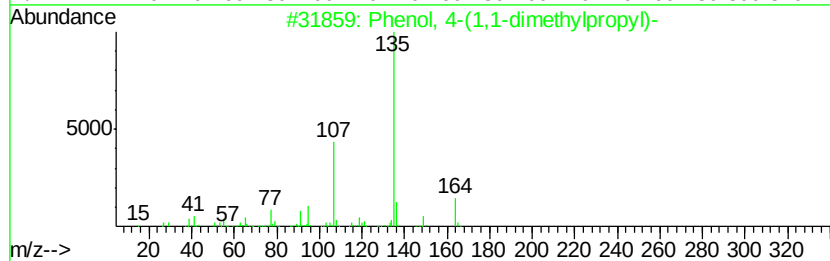
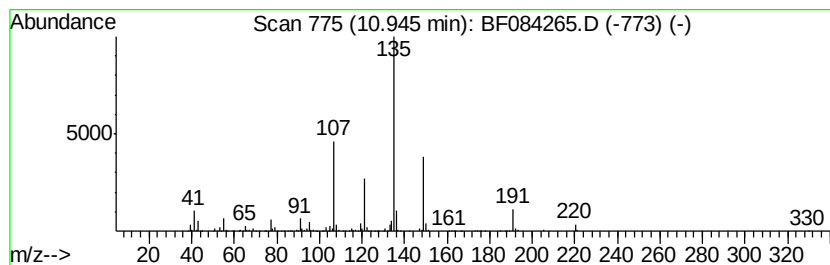
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.95	9.80 ng	1086820	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Phenol, 4,4'-(1,2-diethyl-1,2-eth...	270	C18H22O2	000084-16-2	53
3	Hexestrol	270	C18H22O2	005635-50-7	53
4	3-(p-Anisoylhvdrazono)-N-(2-ethv...	353	C20H23N3O3	330639-20-8	47
5	2-Methoxybenzoic acid, cyclopent...	220	C13H16O3	1000293-30-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
Operator : UM/SJ
Sample : G4990-09
Misc :
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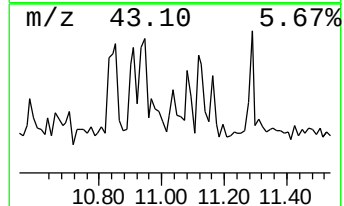
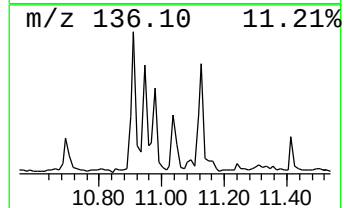
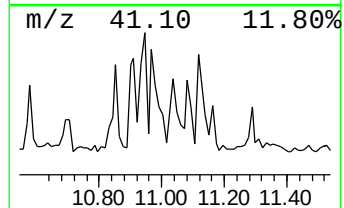
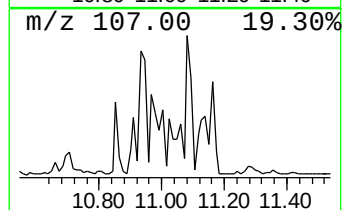
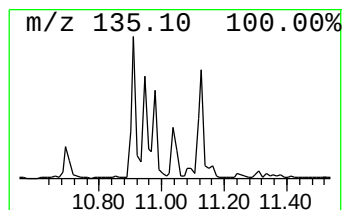
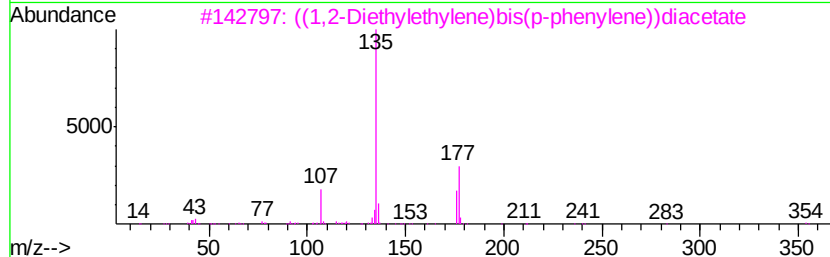
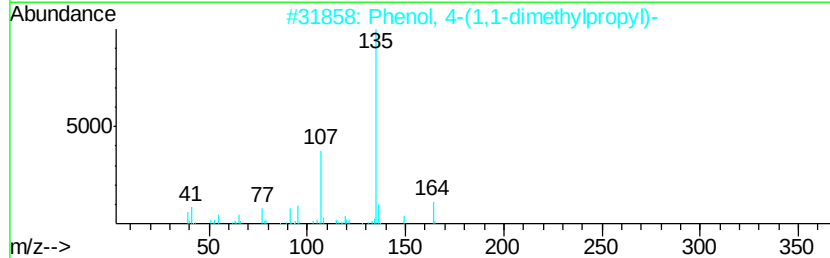
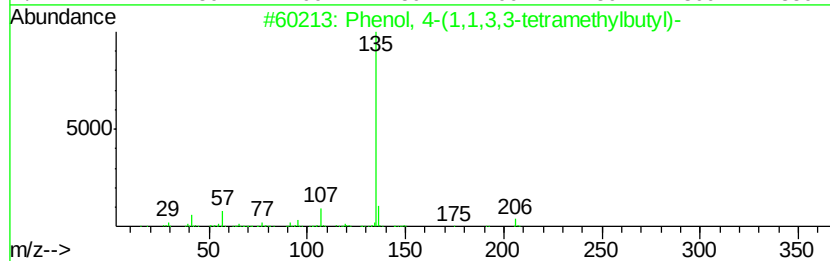
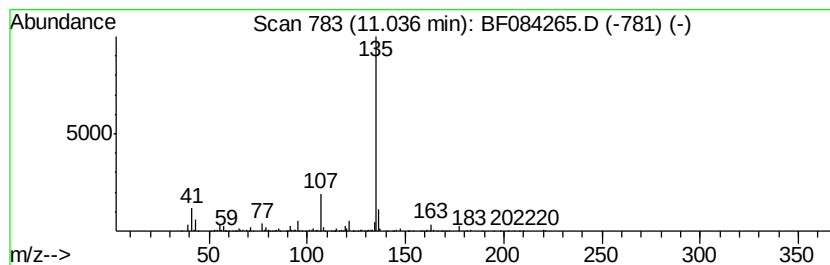
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.04	6.84 ng	758541	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Benzenesulfonamide, N-(1-adamant...	335	C18H25NO3S	1000297-54-4	50
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
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Sample : G4990-09
Misc :
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Instrument :
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ClientSampleId :
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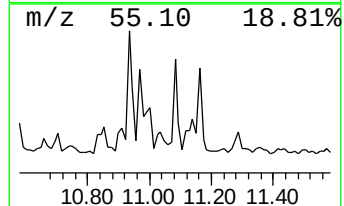
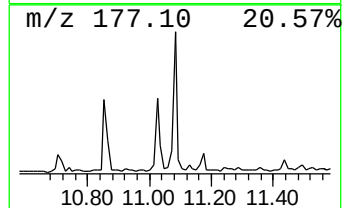
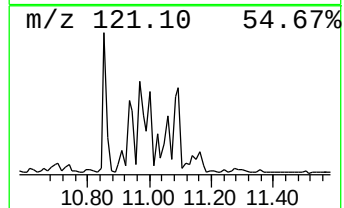
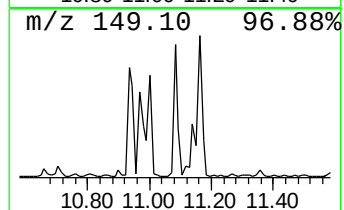
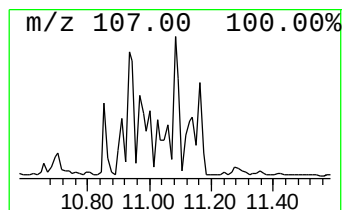
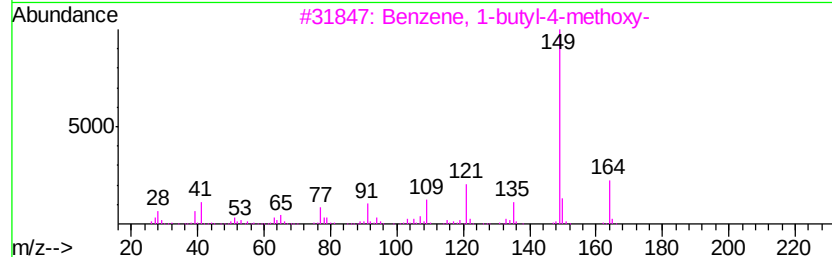
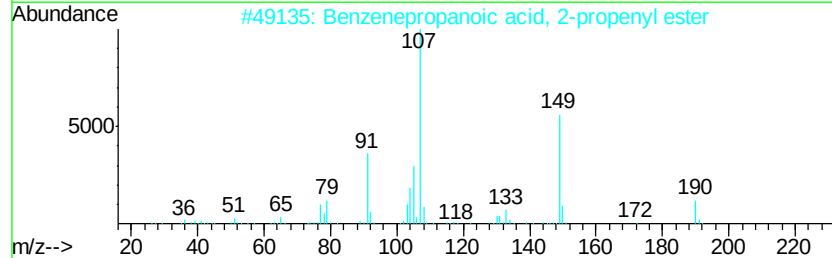
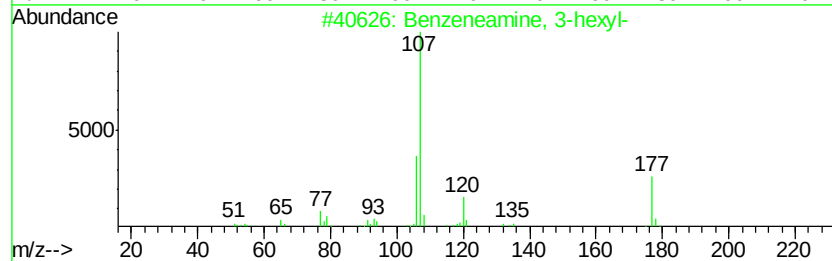
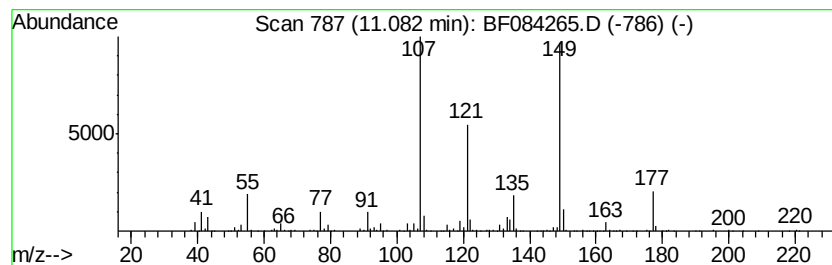
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	6.83 ng	757778	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	38
2		Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	38
3		Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	38
4		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5		Phenol, 2-butyl-	150	C10H14O	003180-09-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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Sample : G4990-09
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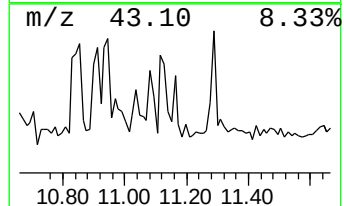
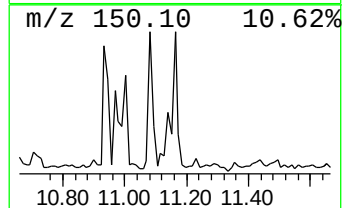
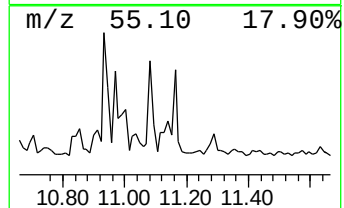
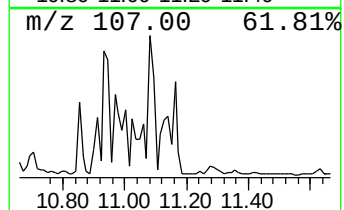
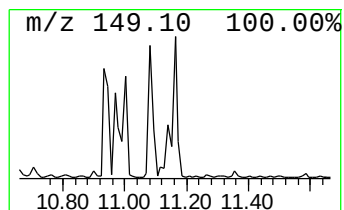
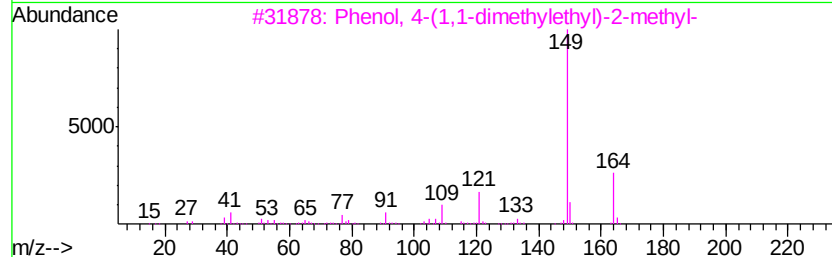
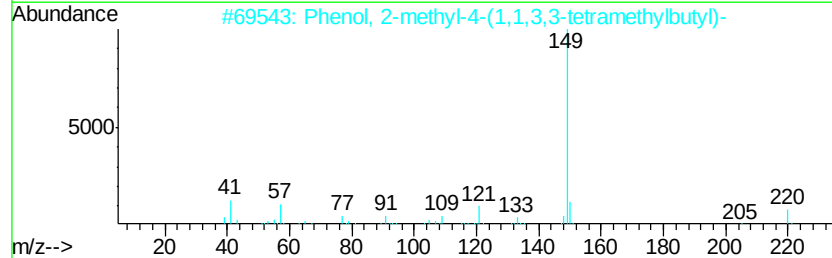
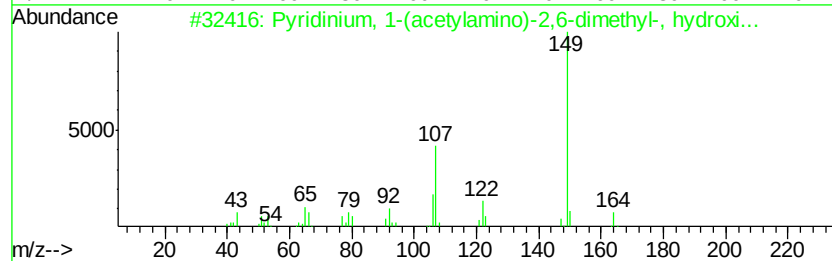
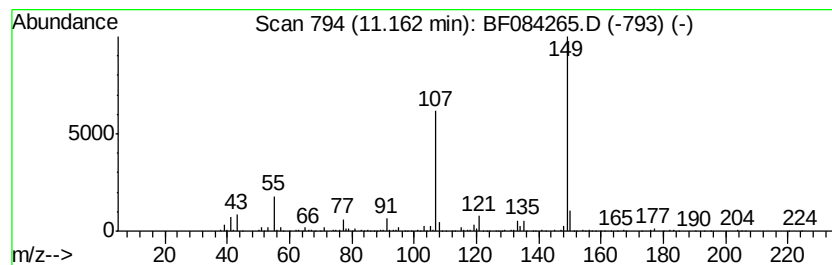
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyridinium, 1-(acetyl amino)... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.16	3.24 ng	359047	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	56
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
4	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	33
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
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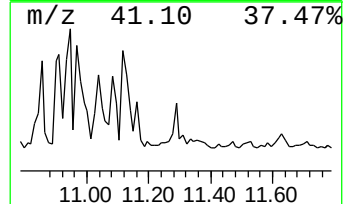
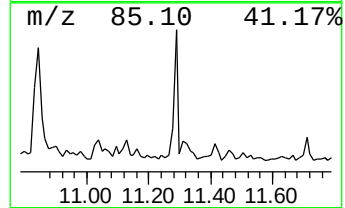
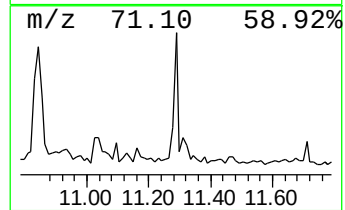
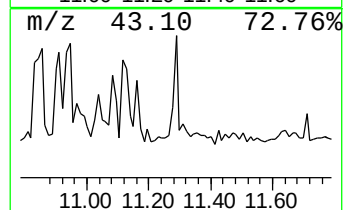
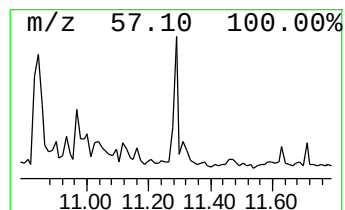
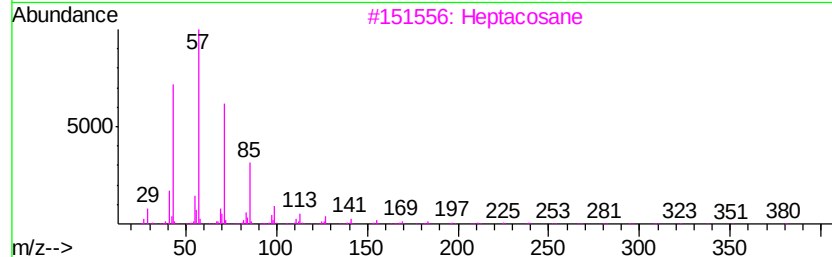
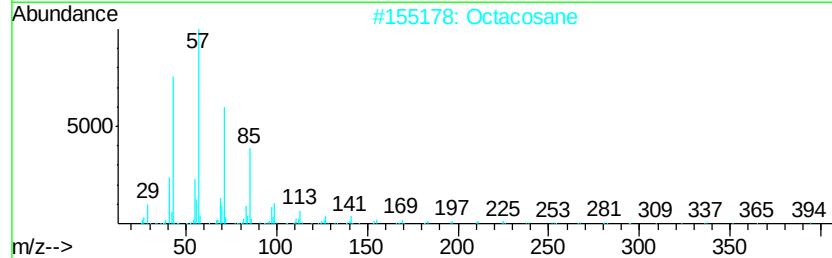
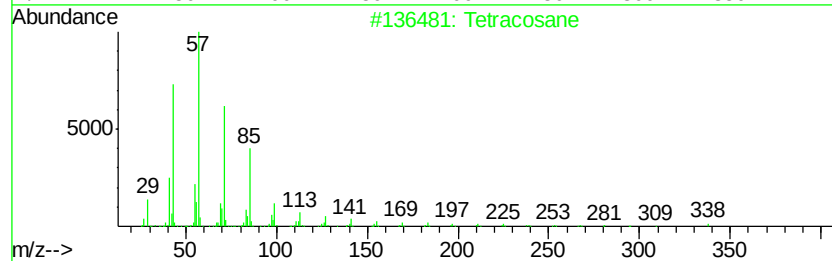
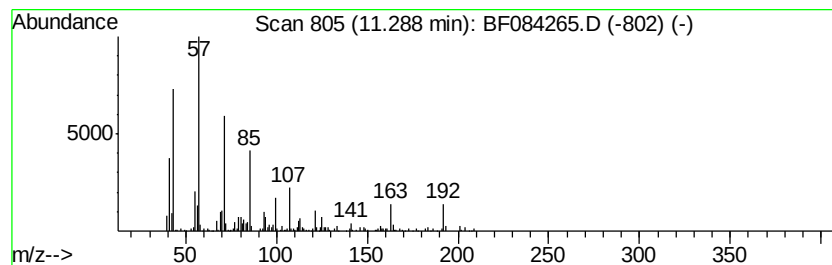
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.16 ng	239341	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 52
2		Octacosane	394 C28H58	000630-02-4 52
3		Heptacosane	380 C27H56	000593-49-7 50
4		Eicosane	282 C20H42	000112-95-8 50
5		Tridecane	184 C13H28	000629-50-5 47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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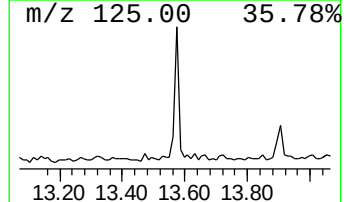
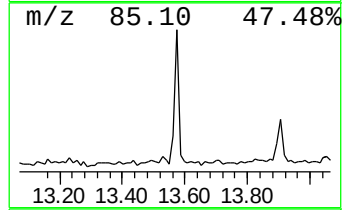
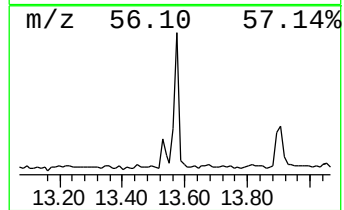
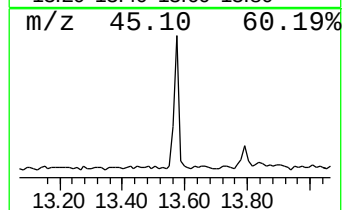
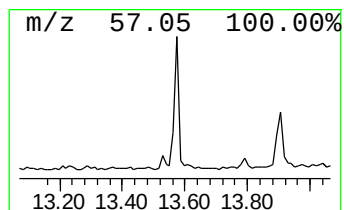
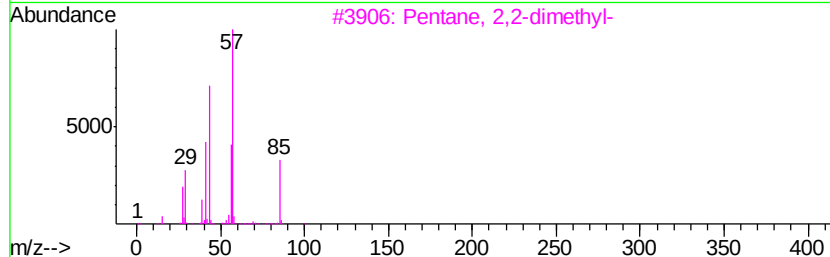
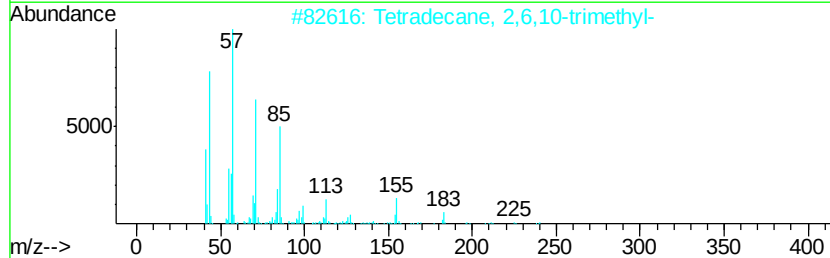
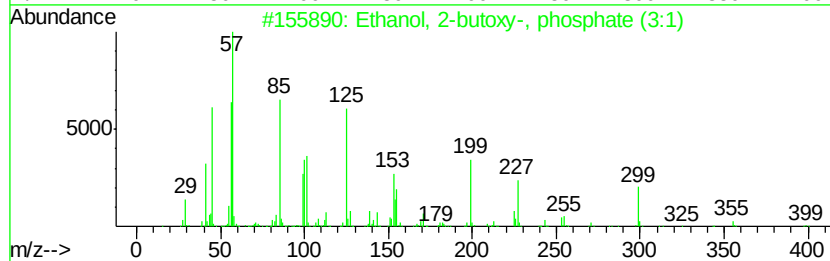
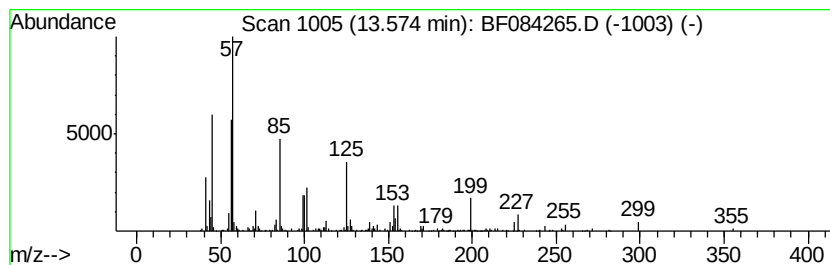
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Ethanol, 2-butoxy-, phospho... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.94 ng	231010	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	25
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	22
4		2-Propanone, ethylhydrazone	100	C5H12N2	007422-99-3	22
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
Operator : UM/SJ
Sample : G4990-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

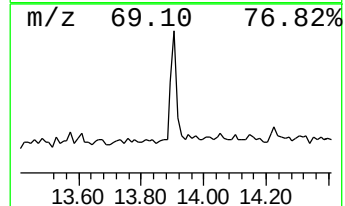
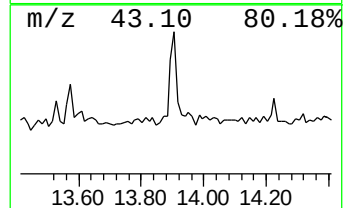
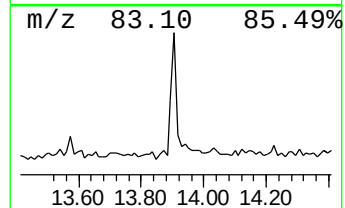
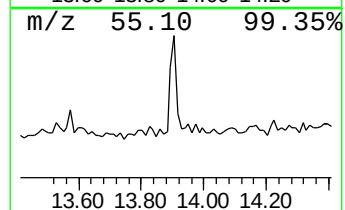
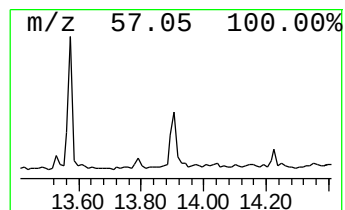
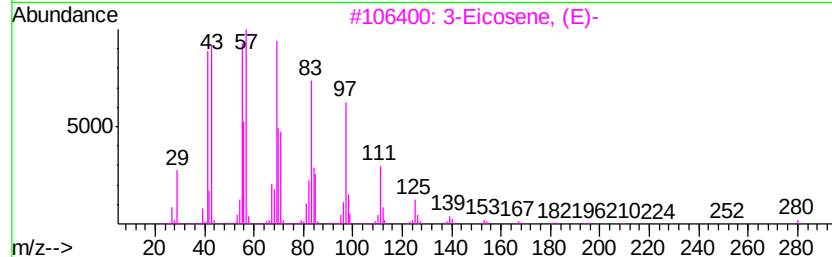
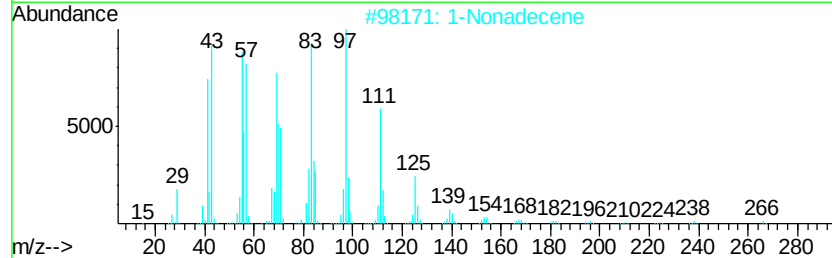
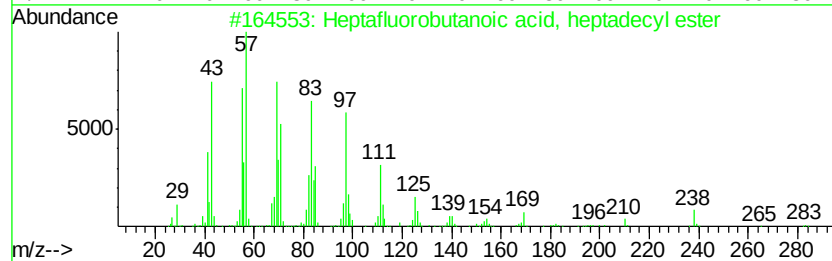
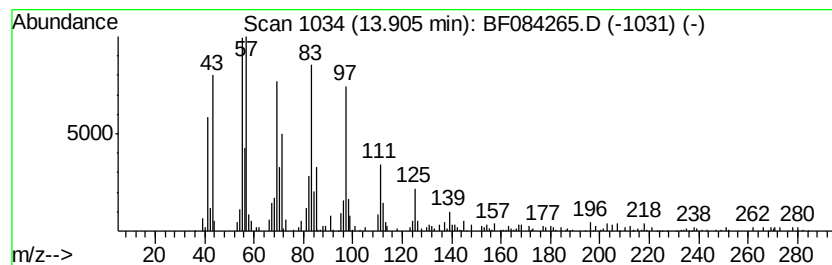
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptafluorobutanoic acid, h... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.26 ng	255396	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
2			1-Nonadecene	266	C19H38	018435-45-5	78
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	78
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	74
5			1-Heptadecene	238	C17H34	006765-39-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084265.D
Acq On : 5 Jan 2016 5:03
Operator : UM/SJ
Sample : G4990-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
unknown5.08	5.08	9.5	ng	828056	1	6.89	1743260	20.0
unknown6.66	6.66	78.2	ng	6813240	1	6.89	1743260	20.0
unknown8.91	8.91	3.6	ng	416815	2	8.18	2330910	20.0
Tributyl phosphate	10.58	2.5	ng	293846	3	9.93	2346850	20.0
Acetamide, N-(2,6...	10.85	5.0	ng	555715	4	11.41	2217740	20.0
Phenol, 2-methyl-...	10.91	6.8	ng	757680	4	11.41	2217740	20.0
Phenol, 4-(1,1-di...	10.95	9.8	ng	1086820	4	11.41	2217740	20.0
Phenol, 4-(1,1,3,...	11.04	6.8	ng	758541	4	11.41	2217740	20.0
unknown11.08	11.08	6.8	ng	757778	4	11.41	2217740	20.0
Pyridinium, 1-(ac...	11.16	3.2	ng	359047	4	11.41	2217740	20.0
Tetracosane	11.29	2.2	ng	239341	4	11.41	2217740	20.0
Ethanol, 2-butoxy...	13.57	2.9	ng	231010	5	14.05	1568880	20.0
Heptafluorobutano...	13.91	3.3	ng	255396	5	14.05	1568880	20.0