

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091116.D
 Acq On : 9 Nov 2016 7:50
 Operator : UM/SJ
 Sample : H5547-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-QUALITYDRY-3

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-BF110316.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	1.755	4	6	55	rVB	2965065	8231816	100.00%	18.502%
2	4.784	269	271	282	rVB	210872	314271	3.82%	0.706%
3	5.241	309	311	330	rBV	1097793	1633609	19.85%	3.672%
4	6.304	402	404	412	rBV2	670908	1103005	13.40%	2.479%
5	6.430	412	415	417	rBV	3670160	3518866	42.75%	7.909%
6	6.659	433	435	440	rBV	1122741	1062092	12.90%	2.387%
7	6.819	446	449	451	rBV	3604527	3546728	43.09%	7.972%
8	7.230	483	485	494	rBV	2540123	2625032	31.89%	5.900%
9	7.950	546	548	550	rBV	1263838	1347576	16.37%	3.029%
10	9.025	640	642	645	rBV	4703314	4433651	53.86%	9.965%
11	9.425	675	677	679	rBV	451369	397472	4.83%	0.893%
12	9.699	698	701	703	rBV	1372045	1470394	17.86%	3.305%
13	10.145	736	740	741	rVB2	74548	118170	1.44%	0.266%
14	10.362	755	759	762	rBV2	49916	85529	1.04%	0.192%
15	10.488	767	770	772	rBV	2411283	2586545	31.42%	5.814%
16	10.613	779	781	785	rVB	259489	283687	3.45%	0.638%
17	11.059	818	820	821	rBV2	127421	148151	1.80%	0.333%
18	11.173	828	830	833	rBV	1360288	1183299	14.37%	2.660%
19	12.762	966	969	971	rBV	3716124	3517533	42.73%	7.906%
20	13.665	1045	1048	1053	rBV	92118	128301	1.56%	0.288%
21	13.802	1058	1060	1063	rBV	1014170	938604	11.40%	2.110%
22	14.214	1092	1096	1098	rBV	122312	153065	1.86%	0.344%
23	14.282	1100	1102	1105	rVV	2087060	1948410	23.67%	4.379%
24	14.351	1105	1108	1111	rVB	1144446	1183001	14.37%	2.659%
25	14.408	1111	1113	1116	rBV	774236	1044674	12.69%	2.348%
26	14.854	1150	1152	1157	rVB2	68056	123046	1.49%	0.277%
27	15.174	1178	1180	1183	rBV	605947	851704	10.35%	1.914%
28	18.031	1425	1430	1442	rVB	167111	512605	6.23%	1.152%

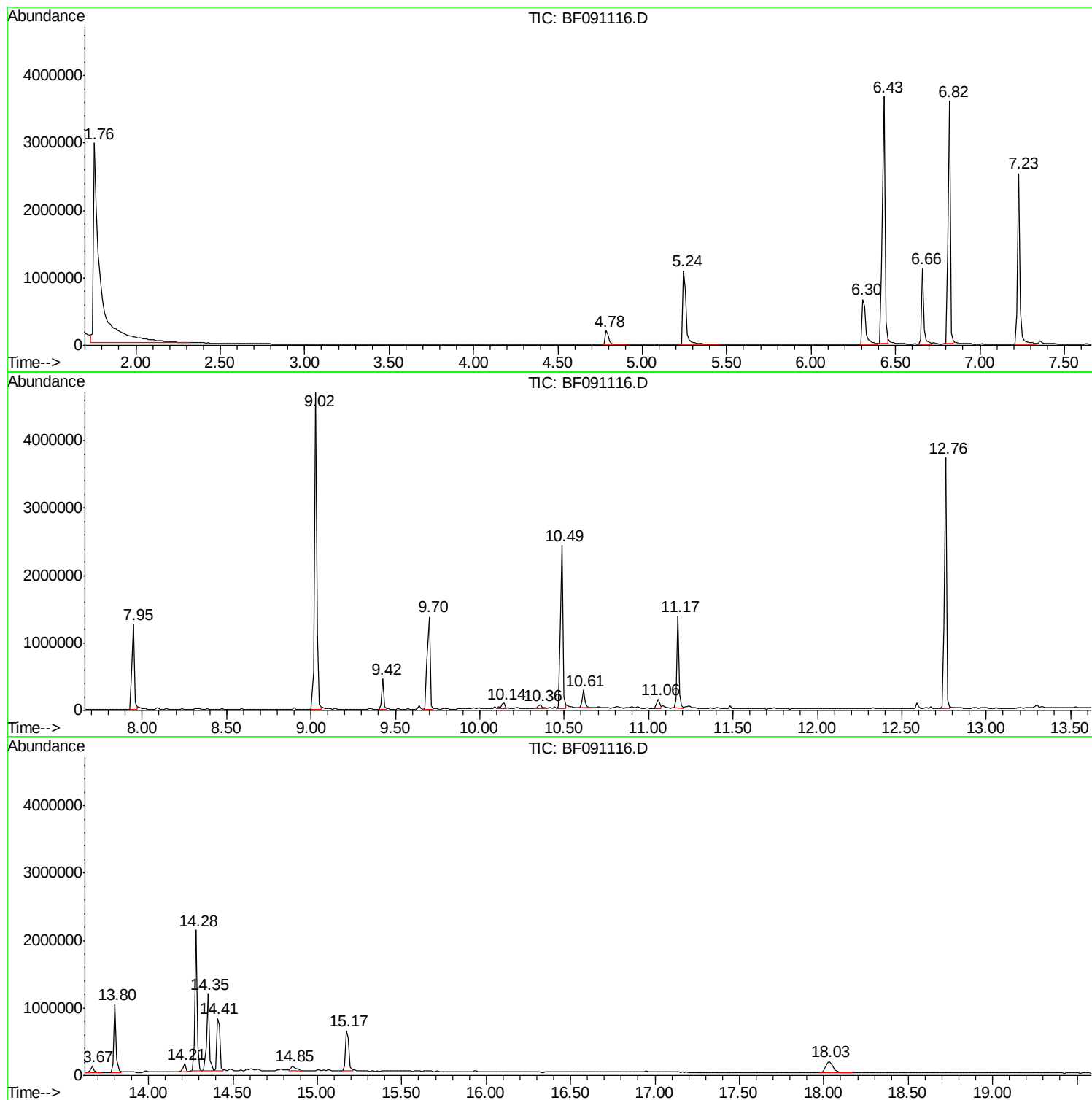
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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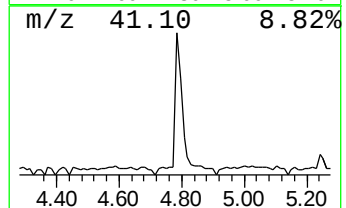
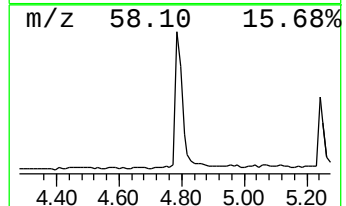
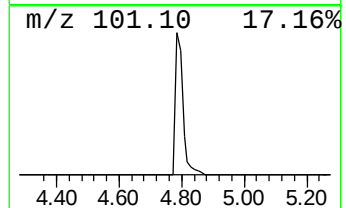
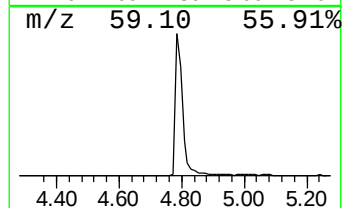
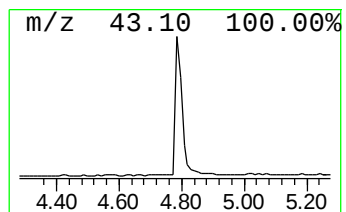
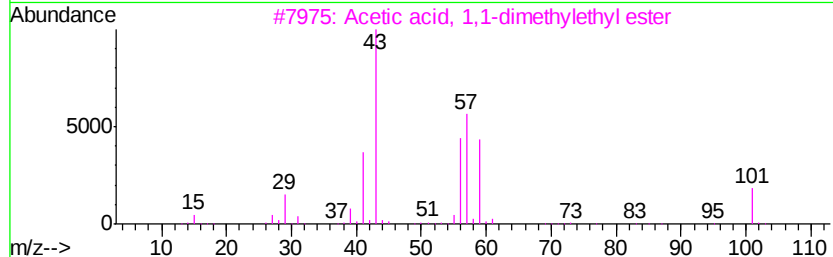
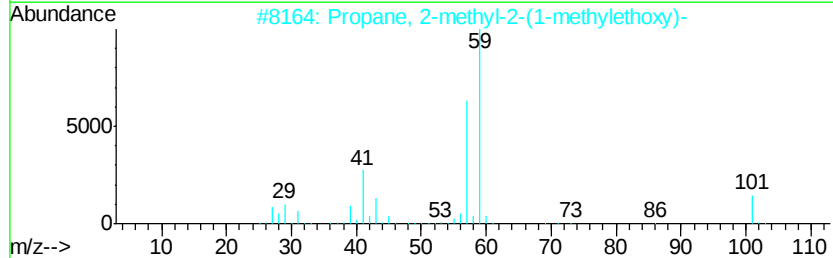
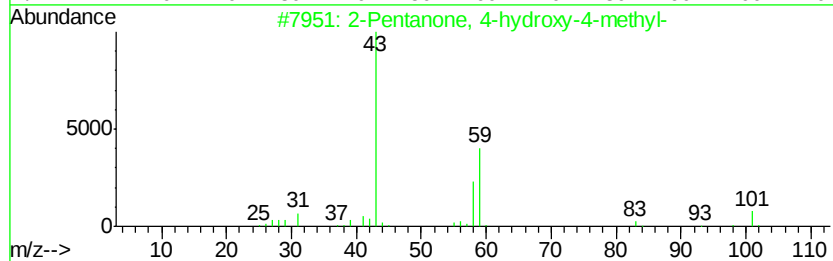
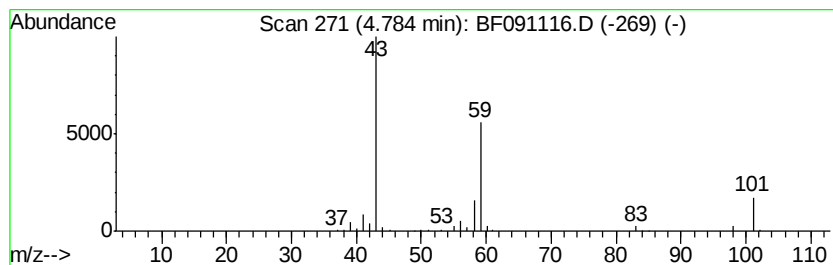
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown4.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	5.92 ng	314271	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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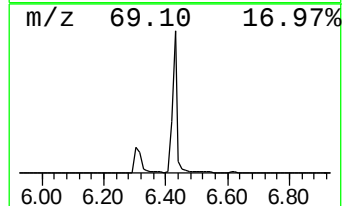
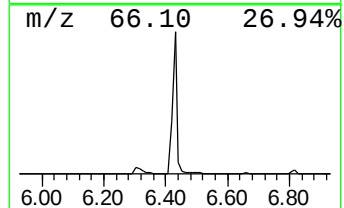
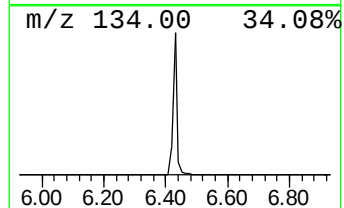
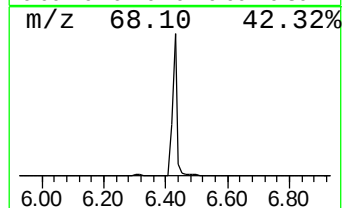
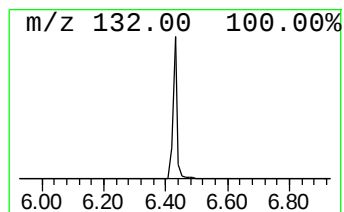
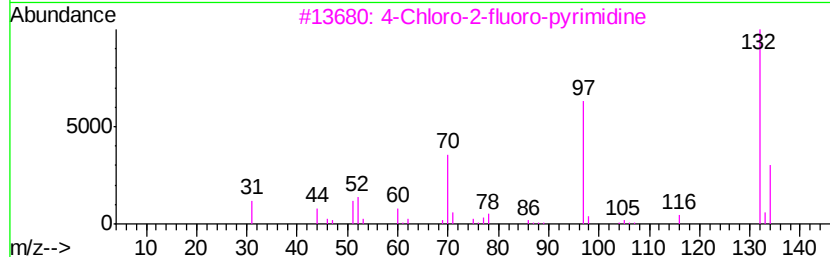
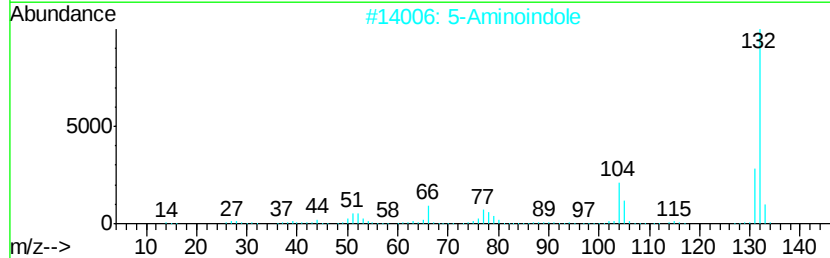
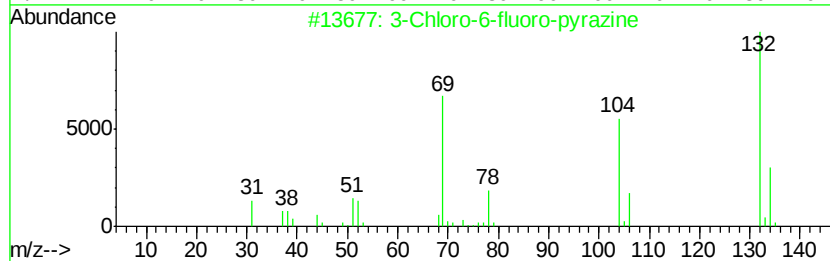
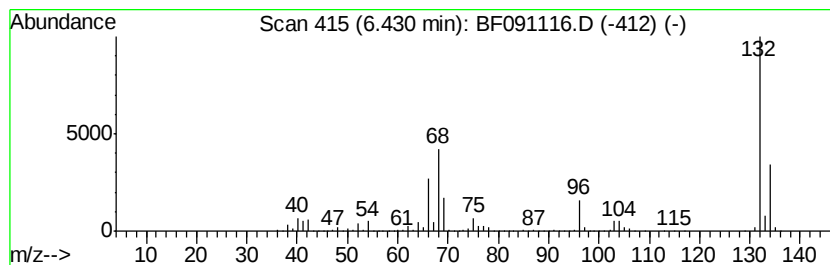
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	66.26 ng	3518870	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine			132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9



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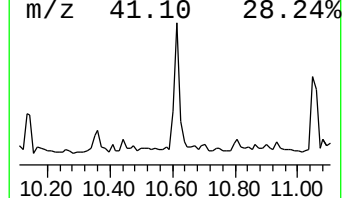
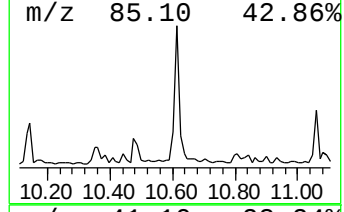
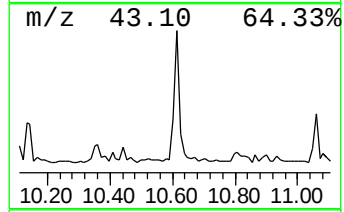
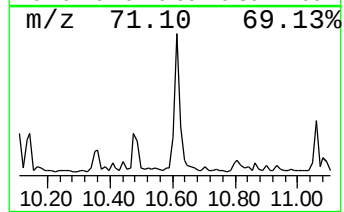
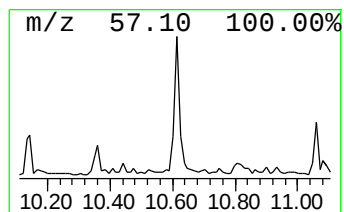
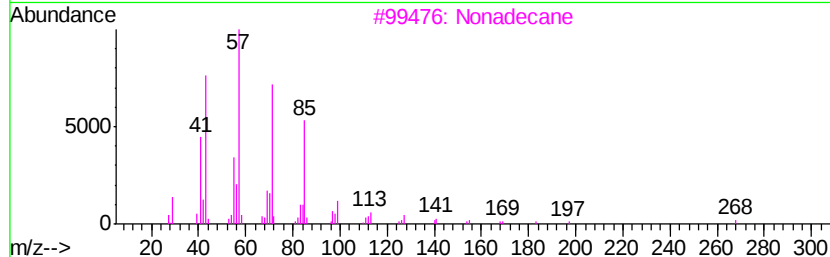
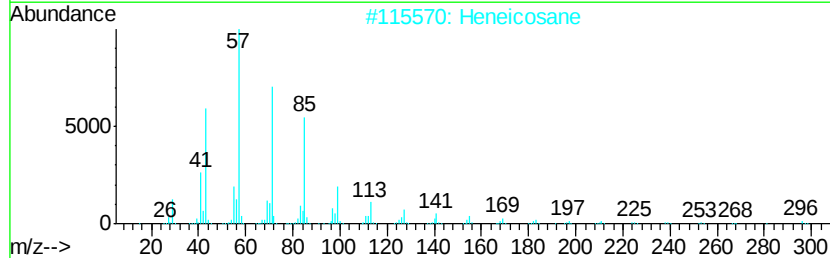
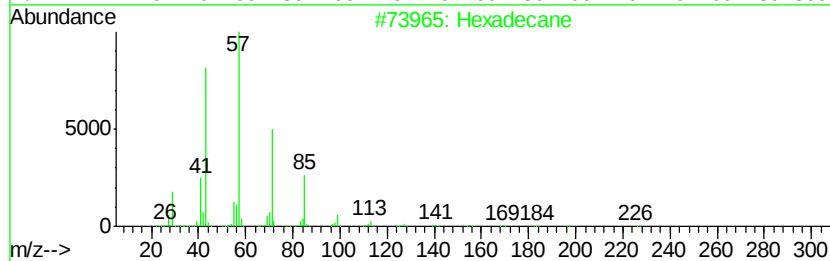
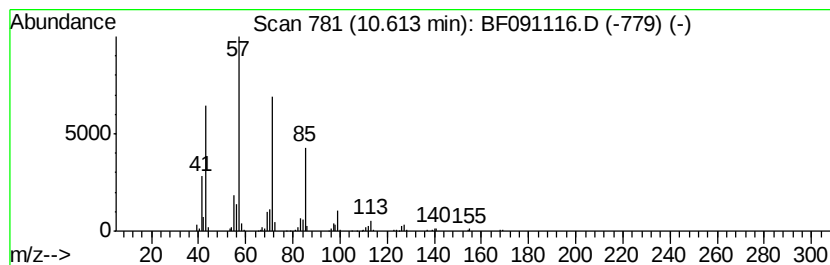
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	4.79 ng	283687	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	Nonadecane		268	C19H40	000629-92-5	86
4	Eicosane		282	C20H42	000112-95-8	86
5	Pentadecane		212	C15H32	000629-62-9	86



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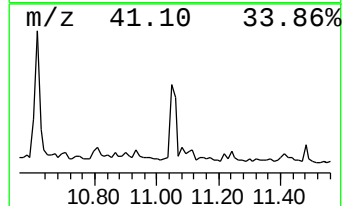
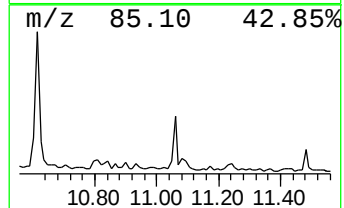
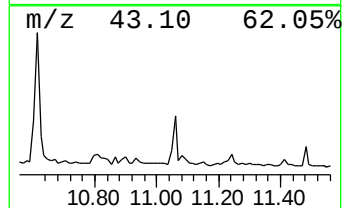
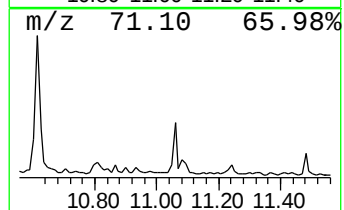
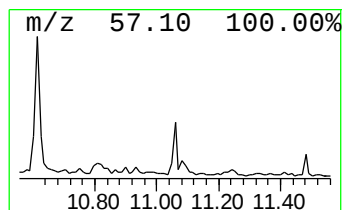
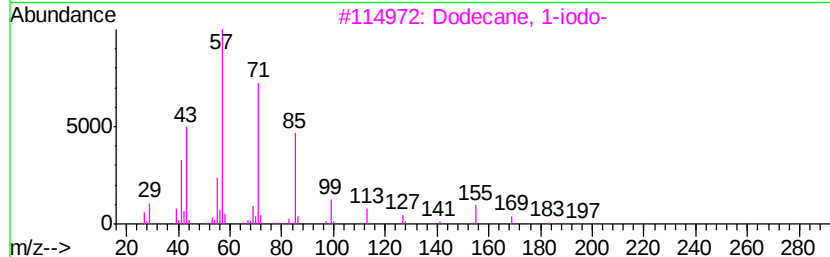
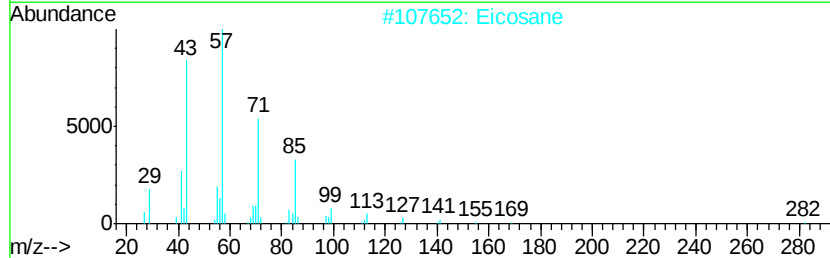
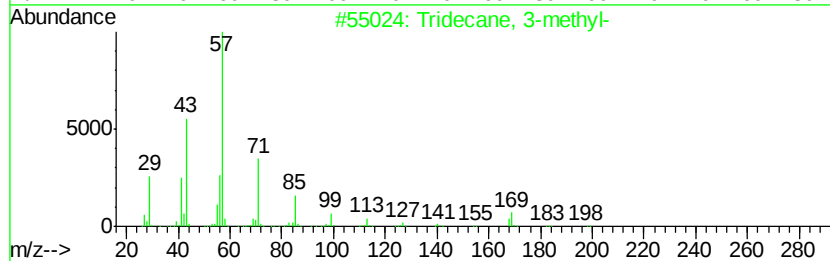
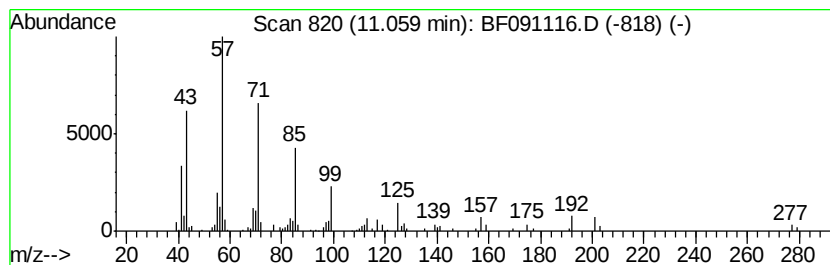
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Tridecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.50 ng	148151	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Eicosane	282	C20H42	000112-95-8	62
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
4	Octadecane	254	C18H38	000593-45-3	58
5	Hexadecane	226	C16H34	000544-76-3	58



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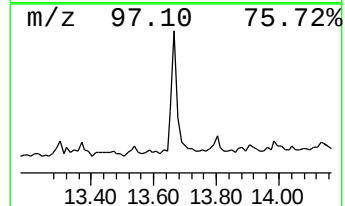
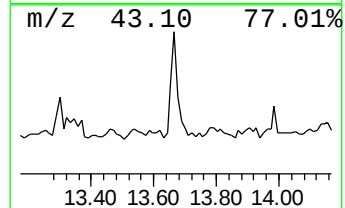
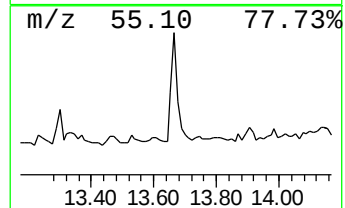
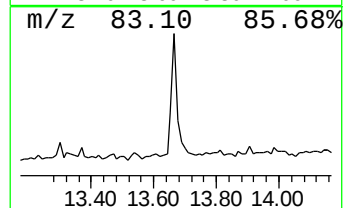
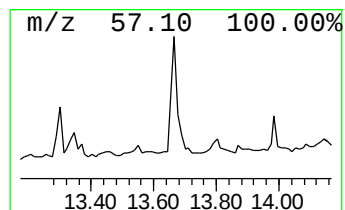
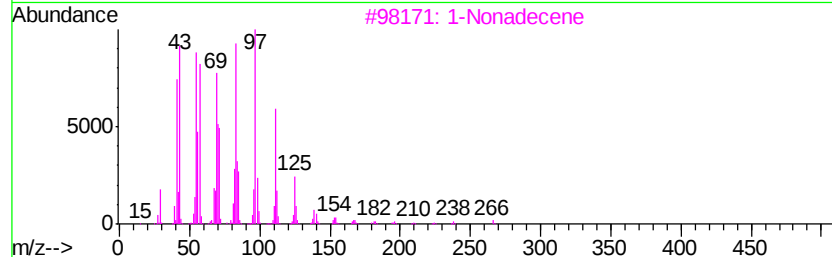
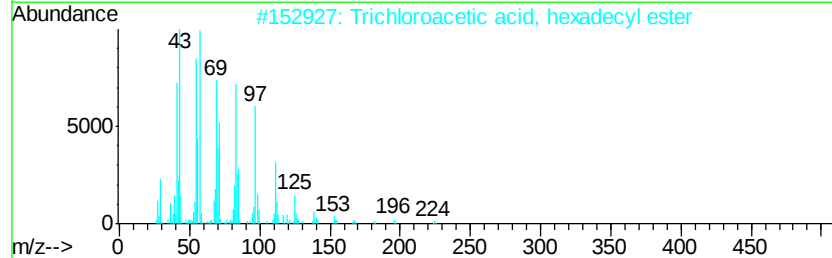
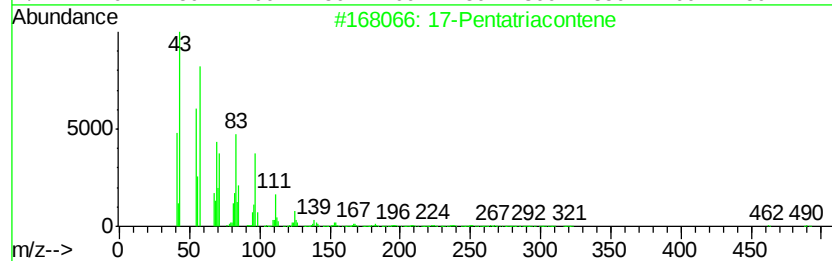
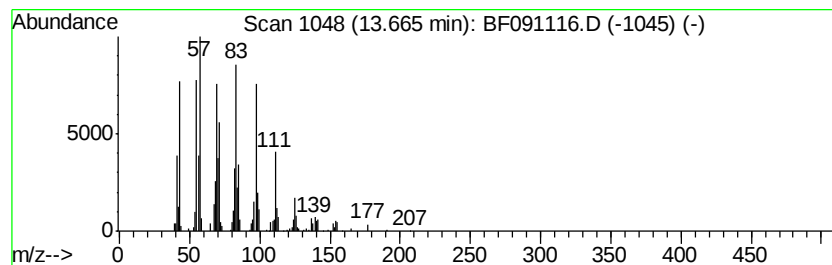
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Peak Number 7 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.73 ng	128301	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		1-Nonadecene	266	C19H38	018435-45-5	90
4		1-Docosene	308	C22H44	001599-67-3	81
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80



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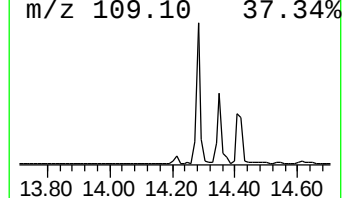
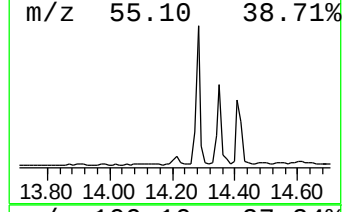
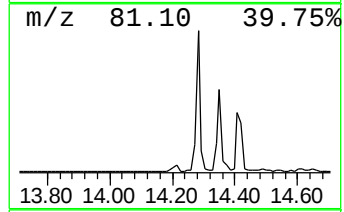
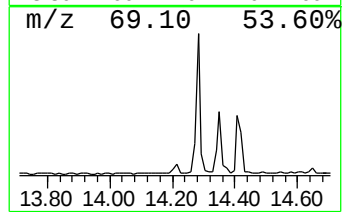
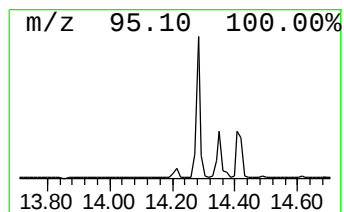
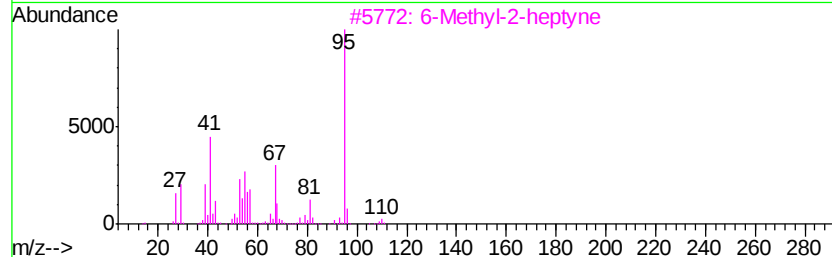
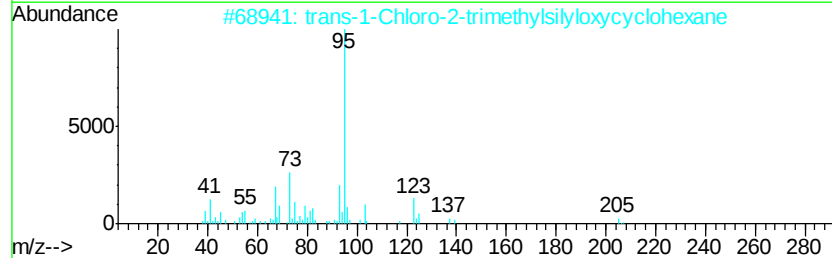
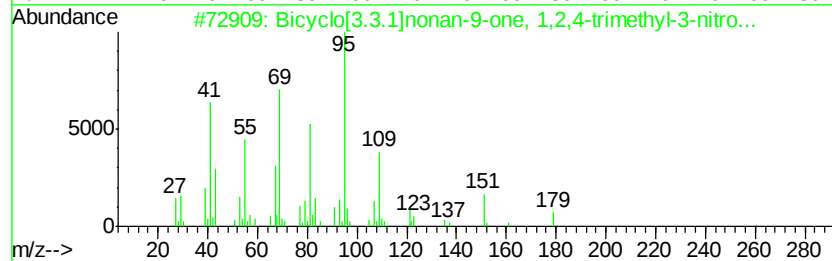
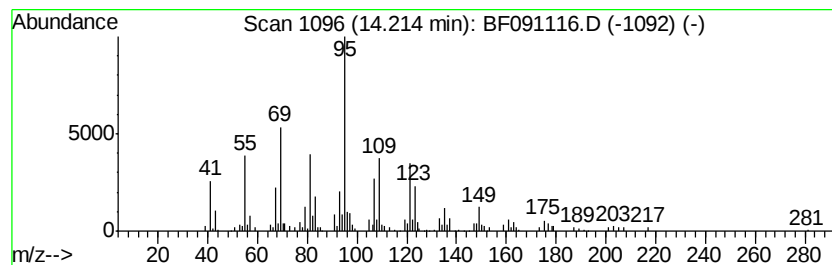
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[3.3.1]nonan-9-one, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.26 ng	153065	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	53
2		trans-1-Chloro-2-trimethylsilylo...	220	C10H21ClOSi	1000216-82-3	47
3		6-Methyl-2-heptyne	110	C8H14	051065-64-6	43
4		Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	43
5		2-Cyclohexen-1-one, 4-ethyl-3,4-...	152	C10H16O	017622-46-7	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091116.D
Acq On : 9 Nov 2016 7:50
Operator : UM/SJ
Sample : H5547-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

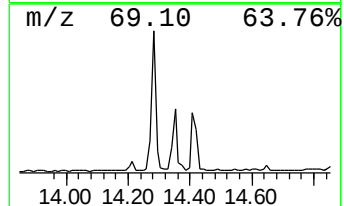
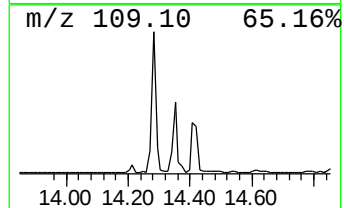
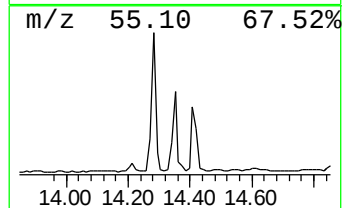
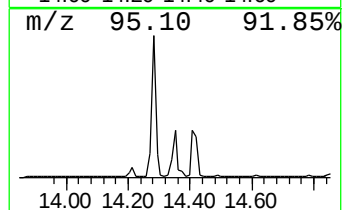
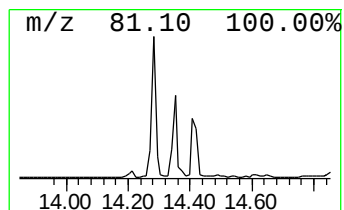
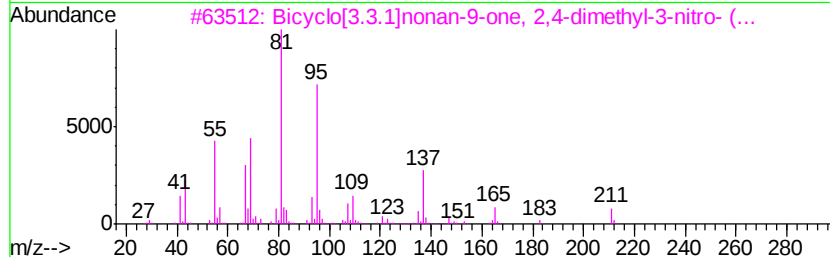
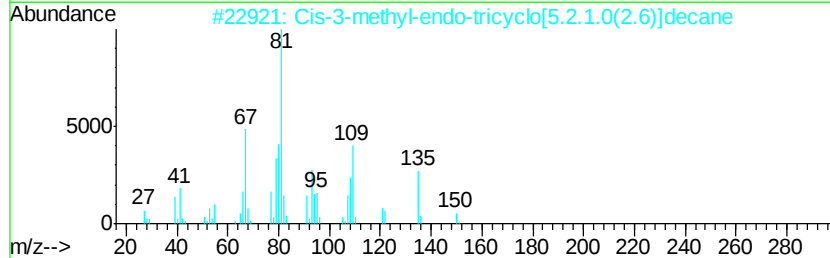
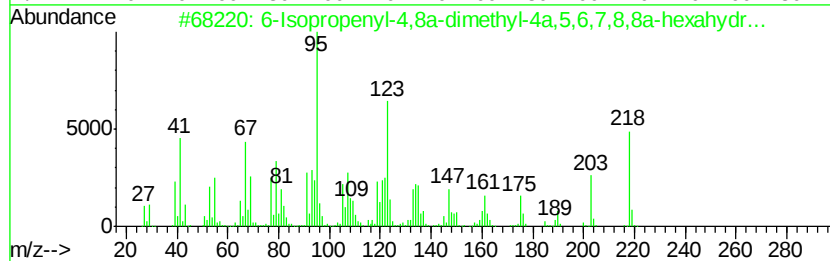
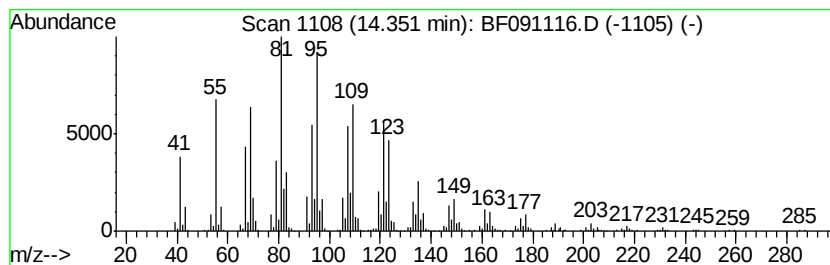
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	25.21 ng	1183000	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	45
2		Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	45
3		Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	43
4		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	35
5		Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091116.D
Acq On : 9 Nov 2016 7:50
Operator : UM/SJ
Sample : H5547-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

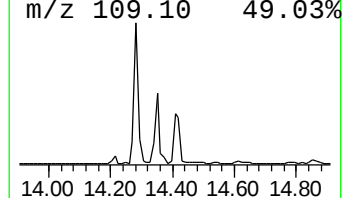
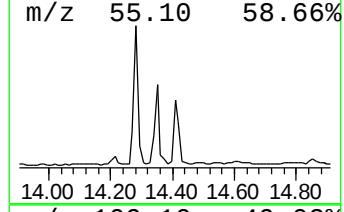
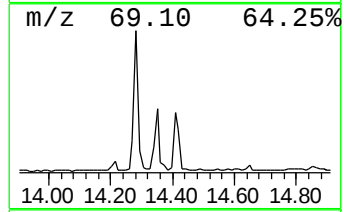
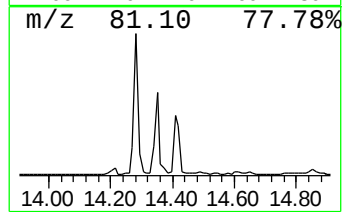
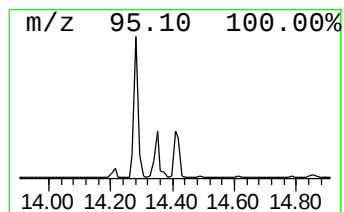
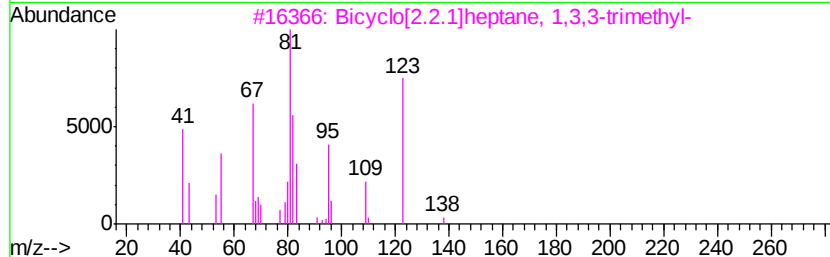
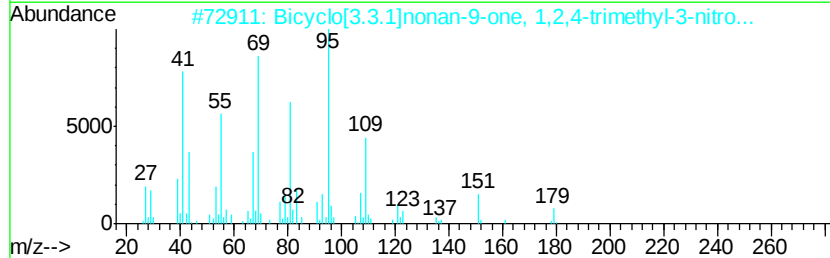
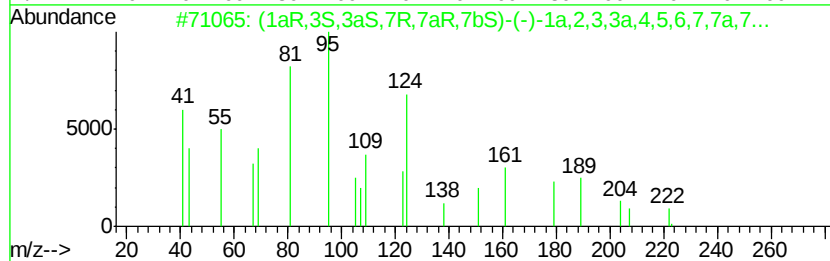
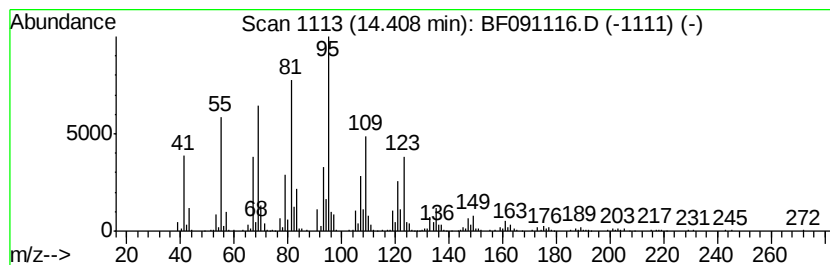
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 (1aR,3S,3aS,7R,7aR,7bS)-(-)... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	22.26 ng	1044670	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	72
2		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	59
3		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	43
4		1,5-Heptadiene, 2-methyl-, (Z)-	110	C8H14	041044-64-8	38
5		Iridomyrmecin	168	C10H16O2	000485-43-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091116.D
Acq On : 9 Nov 2016 7:50
Operator : UM/SJ
Sample : H5547-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

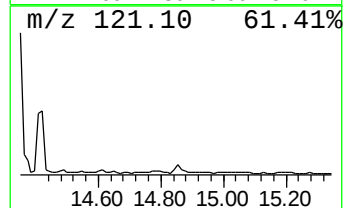
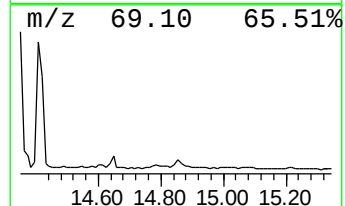
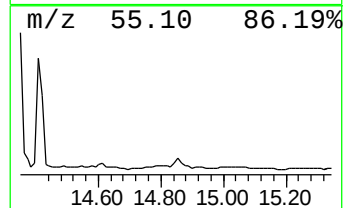
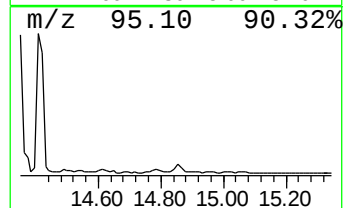
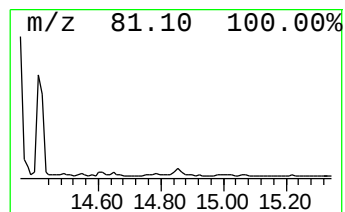
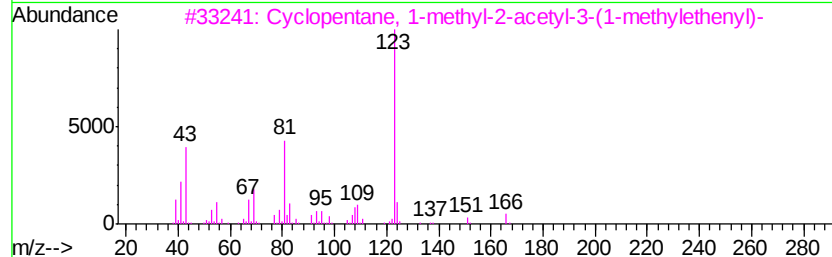
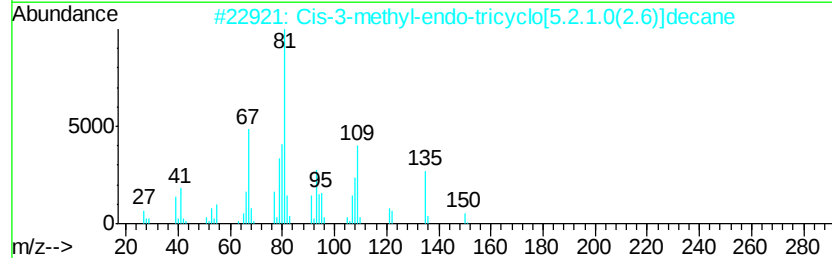
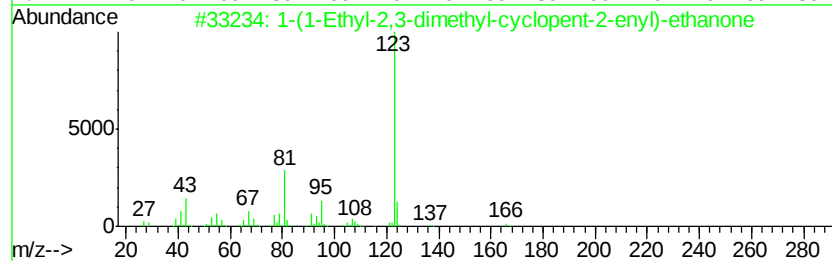
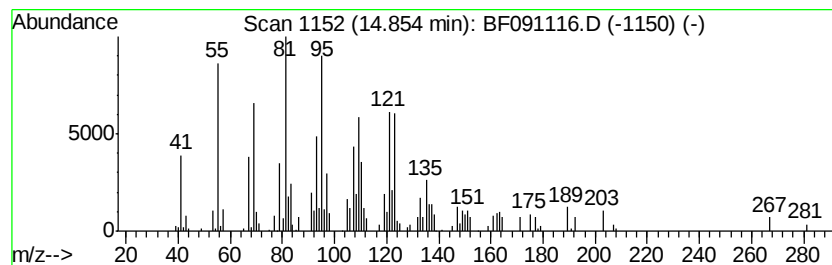
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.85 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.89 ng	123046	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(1-Ethyl-2,3-dimethyl-cyclopent...	166	C11H18O	1000185-18-6	47
2		Cis-3-methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	30
3		Cyclopentane, 1-methyl-2-acetyl-...	166	C11H18O	1000139-72-5	27
4		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	25
5		Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091116.D
Acq On : 9 Nov 2016 7:50
Operator : UM/SJ
Sample : H5547-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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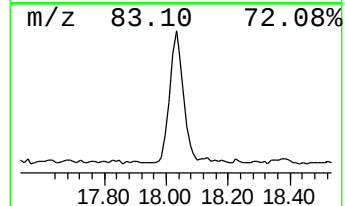
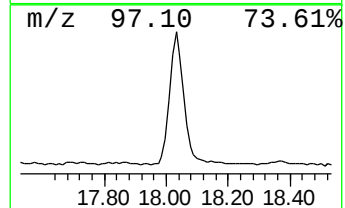
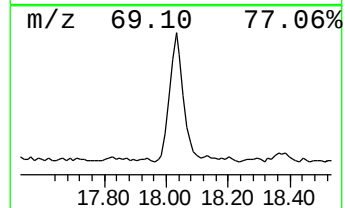
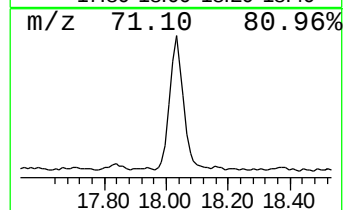
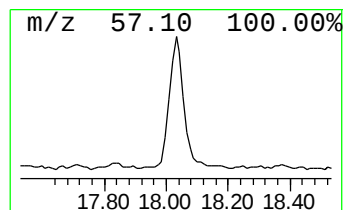
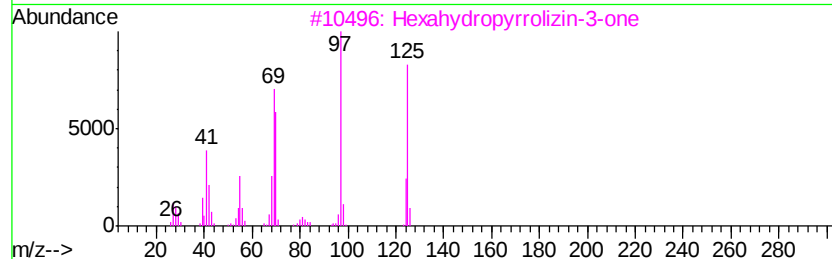
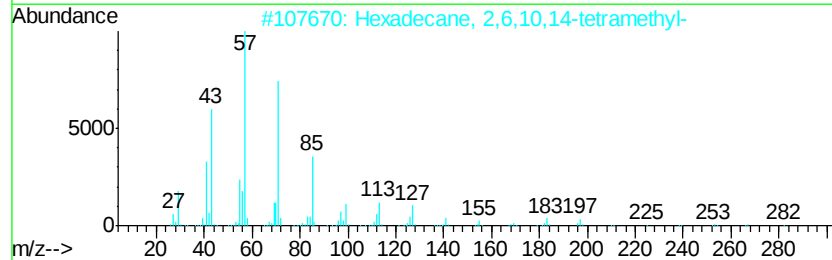
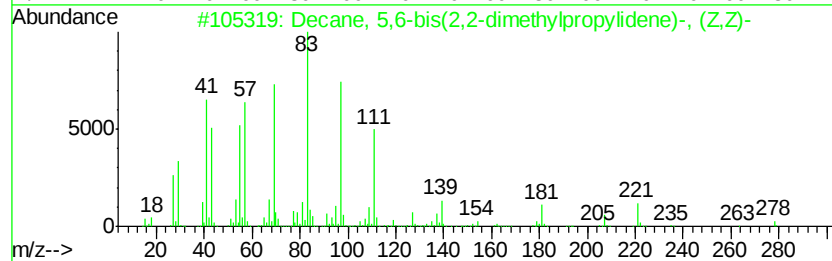
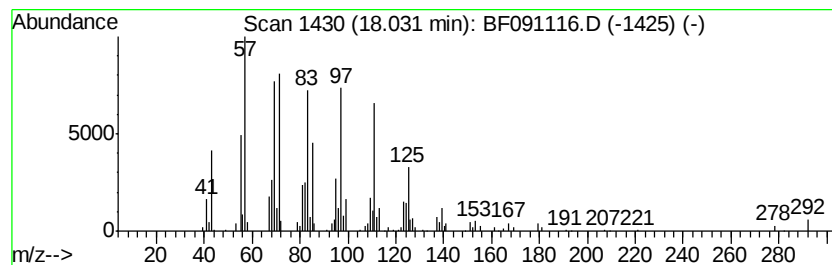
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 5,6-bis(2,2-dimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	12.04 ng	512605	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	55
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
3		Hexahydrodropyrrolizin-3-one	125	C7H11NO	126424-83-7	30
4		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	25
5		Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091116.D
Acq On : 9 Nov 2016 7:50
Operator : UM/SJ
Sample : H5547-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-QUALITYDRY-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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unknown6.43	6.43	66.3	ng	3518870	1	6.66	1062090	20.0
Hexadecane	10.61	4.8	ng	283687	4	11.17	1183300	20.0
Tridecane, 3-methyl-	11.06	2.5	ng	148151	4	11.17	1183300	20.0
17-Pentatriacontene	13.67	2.7	ng	128301	5	13.80	938604	20.0
Bicyclo[3.3.1]non...	14.21	3.3	ng	153065	5	13.80	938604	20.0
unknown14.35	14.35	25.2	ng	1183000	5	13.80	938604	20.0
(1aR,3S,3aS,7R,7a...	14.41	22.3	ng	1044670	5	13.80	938604	20.0
unknown14.85	14.85	2.9	ng	123046	6	15.17	851704	20.0
Decane, 5,6-bis(2...	18.03	12.0	ng	512605	6	15.17	851704	20.0