

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080835.D
 Acq On : 4 Aug 2015 10:46
 Operator : TP
 Sample : G3145-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

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-BF080315.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	2.167	4	7	9	rBV	73273	112756	2.00%	0.226%
2	4.384	199	201	204	rBV	238892	290965	5.15%	0.583%
3	5.036	254	258	261	rBV	2986982	5518158	97.73%	11.064%
4	5.447	291	294	296	rBV	5188932	5646381	100.00%	11.321%
5	5.847	327	329	331	rBV	261378	242593	4.30%	0.486%
6	6.464	380	383	386	rBV	4243392	5074653	89.87%	10.175%
7	6.602	392	395	397	rBV	5228990	5084476	90.05%	10.194%
8	6.830	413	415	418	rVB	1217671	1077520	19.08%	2.160%
9	6.990	426	429	431	rBV	4361867	3886117	68.82%	7.792%
10	7.402	461	465	467	rBV	2835817	3860714	68.38%	7.741%
11	8.110	525	527	530	rBV	1176188	1211517	21.46%	2.429%
12	9.196	619	622	624	rBV	4671259	4949366	87.66%	9.923%
13	9.585	654	656	658	rBV	552428	447811	7.93%	0.898%
14	9.870	678	681	683	rBV	840389	1083807	19.19%	2.173%
15	10.648	747	749	752	rBV	2191563	2328423	41.24%	4.668%
16	10.773	759	760	765	rVB	83280	103098	1.83%	0.207%
17	11.219	795	799	805	rBV2	49039	105174	1.86%	0.211%
18	11.345	808	810	811	rVV	1076824	896064	15.87%	1.797%
19	11.368	811	812	814	rVV	161831	125967	2.23%	0.253%
20	11.413	814	816	818	rVB2	42648	59557	1.05%	0.119%
21	11.882	855	857	859	rBV2	159294	176434	3.12%	0.354%
22	11.951	862	863	867	rVB	48221	83737	1.48%	0.168%
23	12.134	877	879	884	rVB2	188318	197897	3.50%	0.397%
24	12.556	913	916	918	rBV	271962	291892	5.17%	0.585%
25	12.774	932	935	937	rBV2	203715	348430	6.17%	0.699%
26	12.934	946	949	951	rVV	3559829	3244447	57.46%	6.505%
27	13.105	960	964	967	rBV	45819	89175	1.58%	0.179%
28	13.208	972	973	975	rBV	45445	56949	1.01%	0.114%
29	13.722	1016	1018	1020	rBV2	42388	68765	1.22%	0.138%
30	13.974	1037	1040	1045	rBV2	1169091	1443391	25.56%	2.894%
31	14.077	1047	1049	1055	rVV5	59383	221502	3.92%	0.444%
32	14.991	1126	1129	1134	rBV	173741	402159	7.12%	0.806%
33	15.277	1151	1154	1156	rBV	111431	173291	3.07%	0.347%
34	15.334	1156	1159	1162	rBV	99481	168806	2.99%	0.338%

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FK-SF-03-003-B

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.391	1162	1164	1166	rBV	694643	803671	14.23%	1.611%
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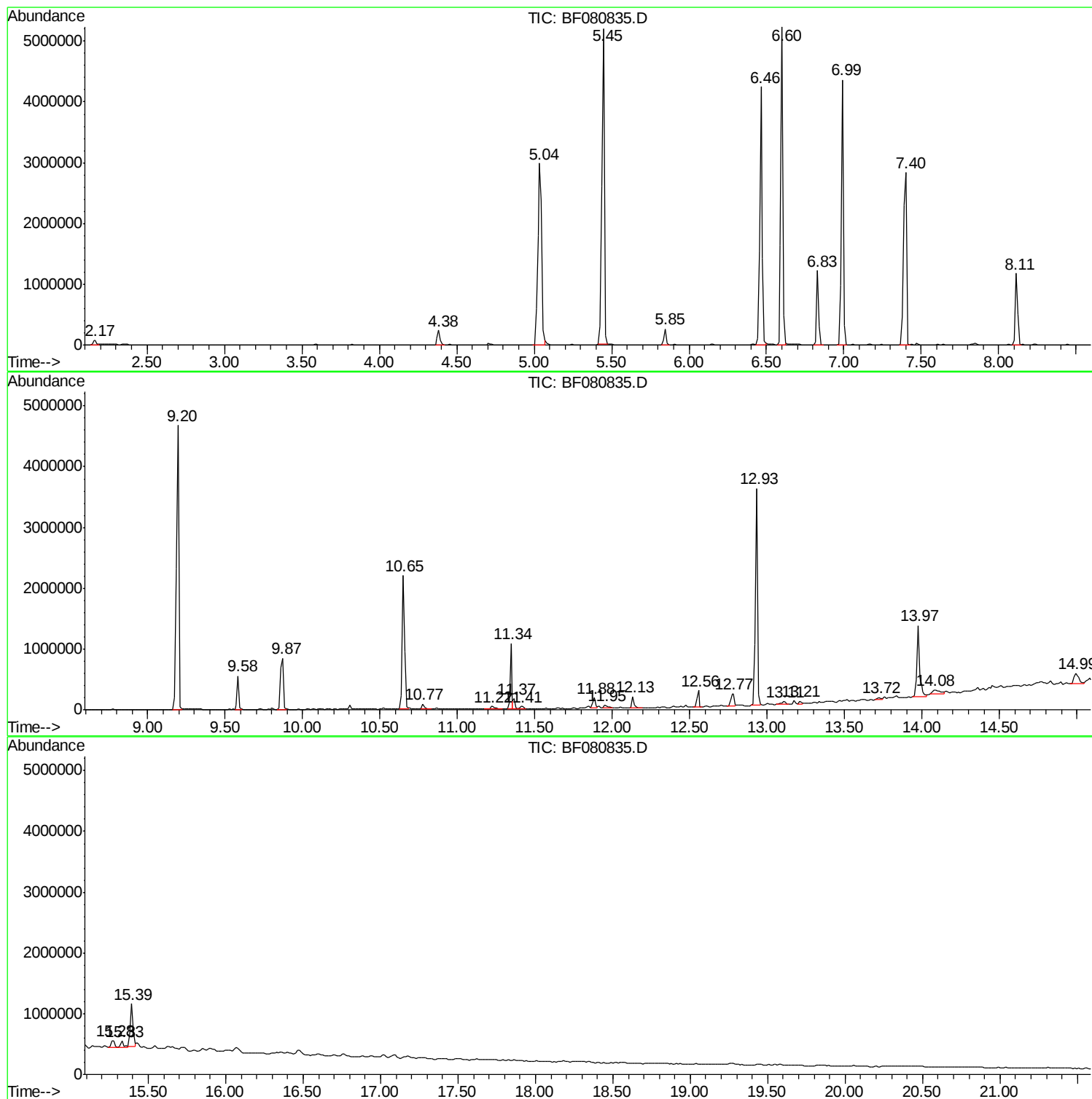
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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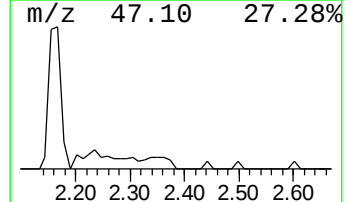
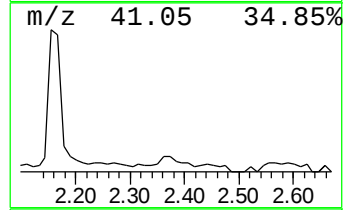
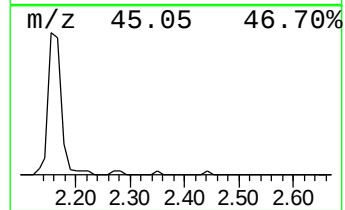
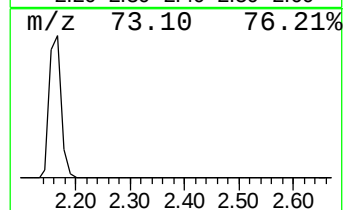
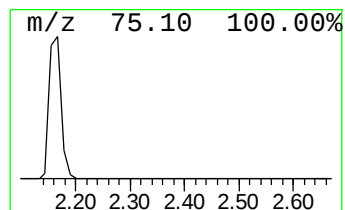
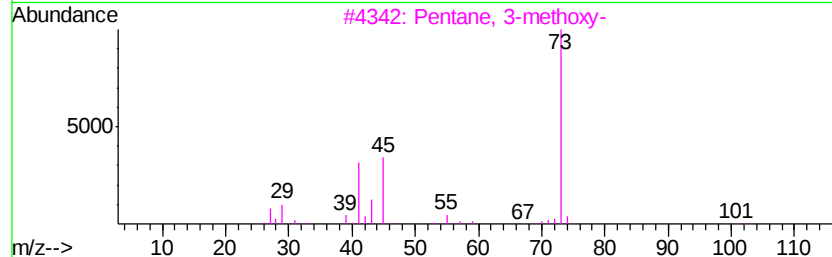
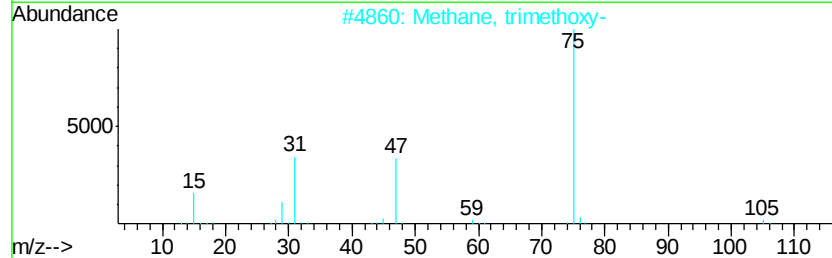
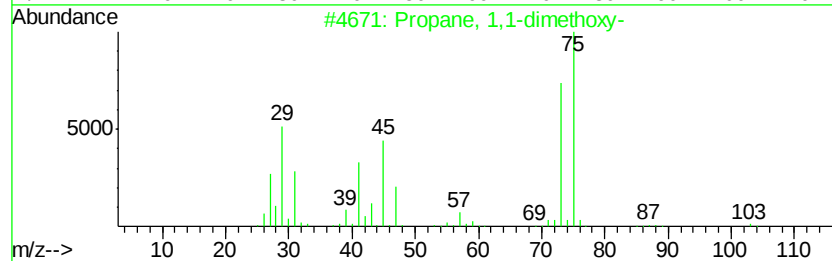
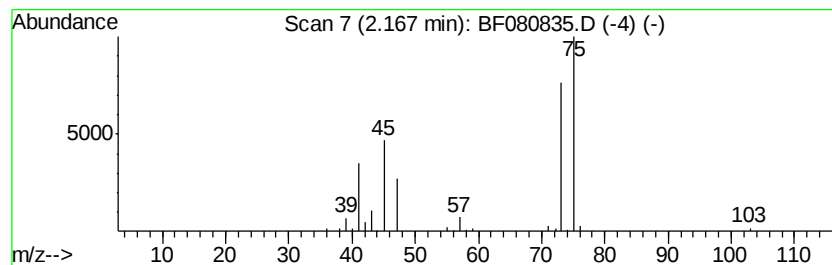
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.09 ng	112756	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2		Methane, trimethoxy-	106	C4H10O3	000149-73-5	28
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	9
5		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



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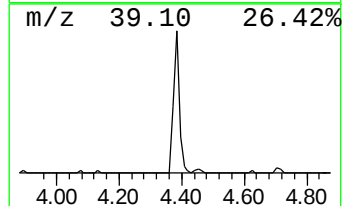
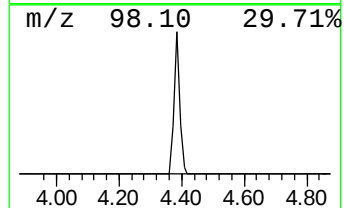
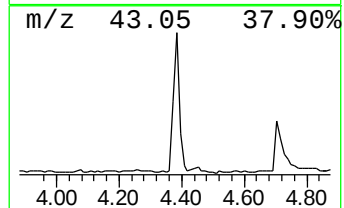
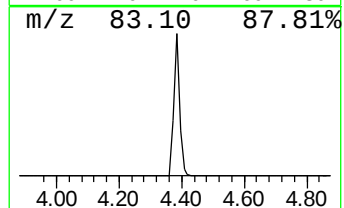
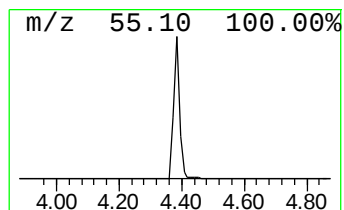
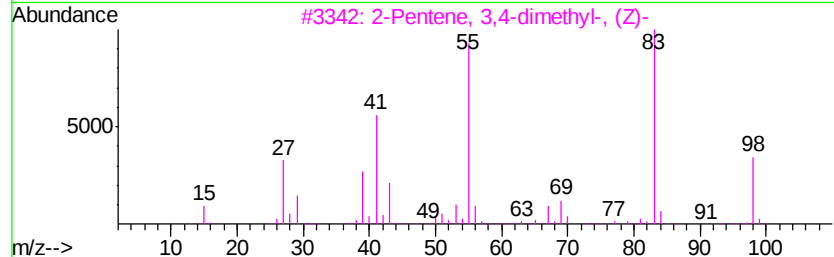
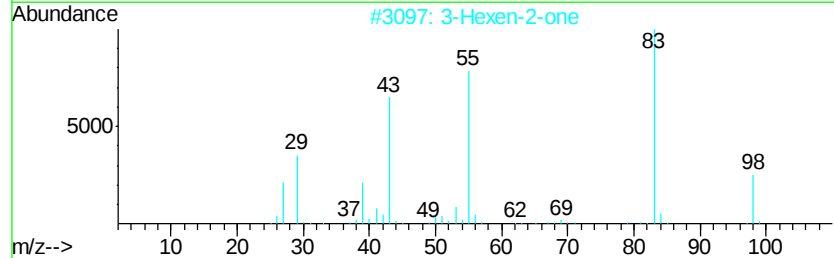
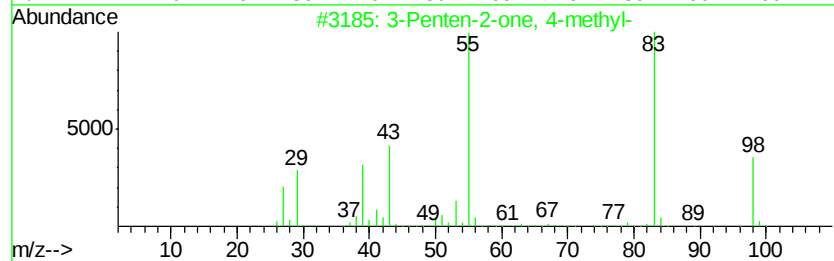
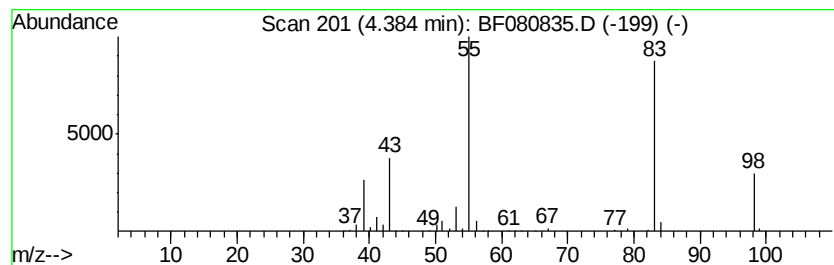
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	5.40 ng	290965	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5		3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78



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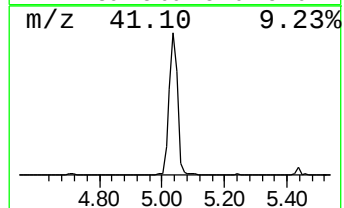
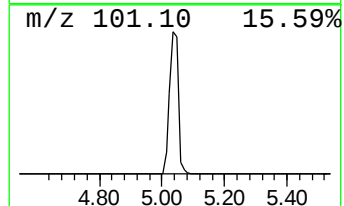
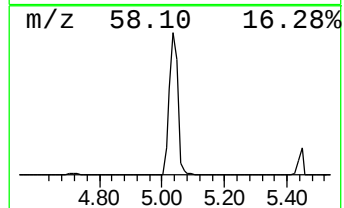
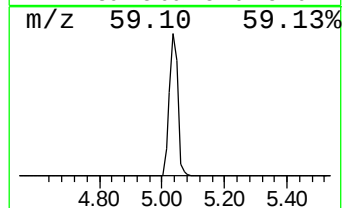
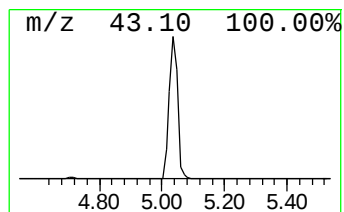
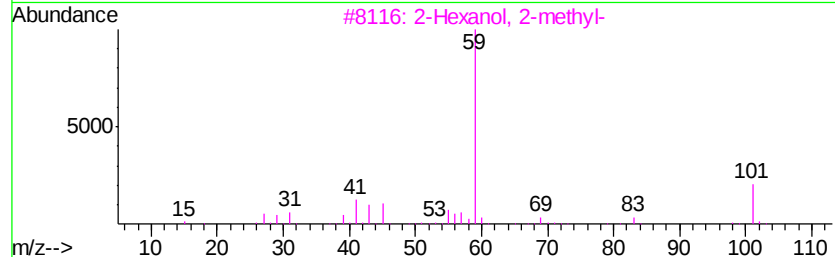
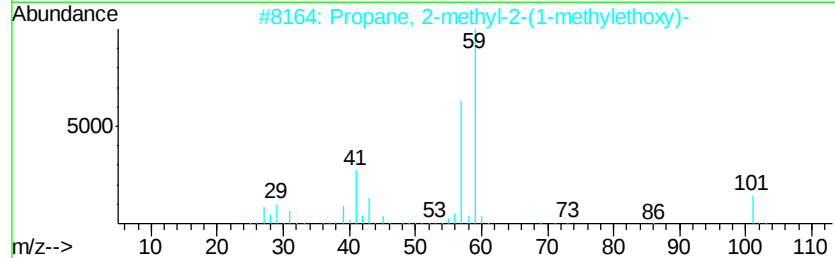
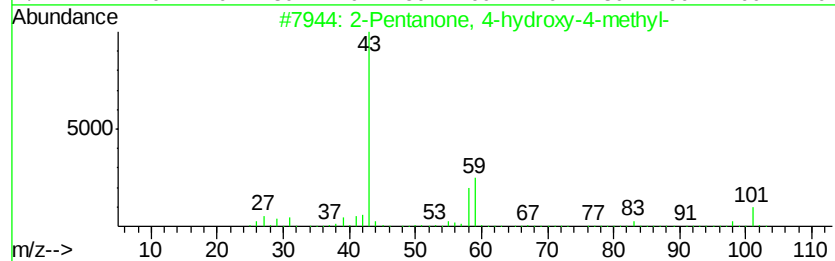
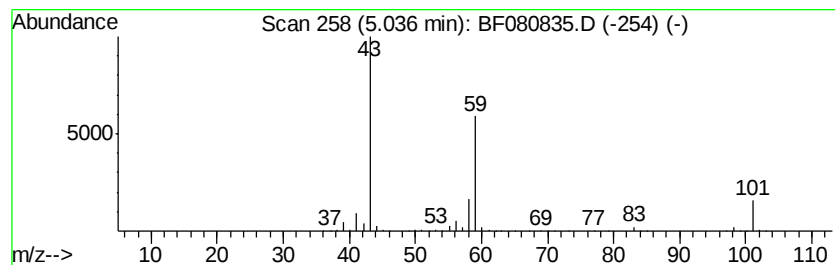
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	102.42 ng	5518160	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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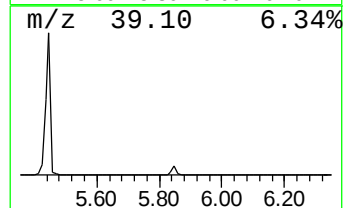
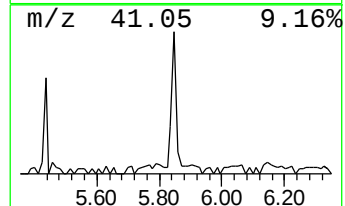
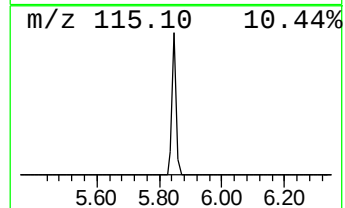
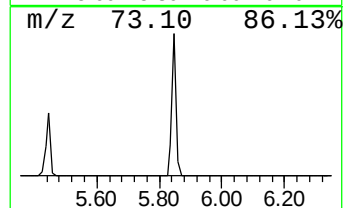
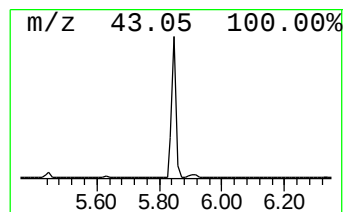
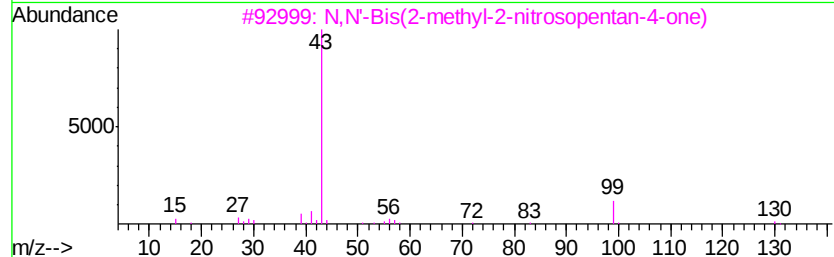
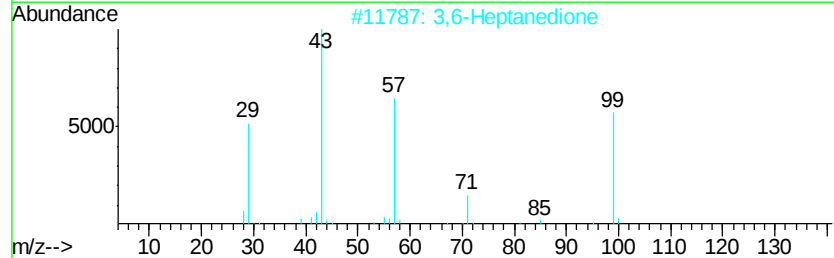
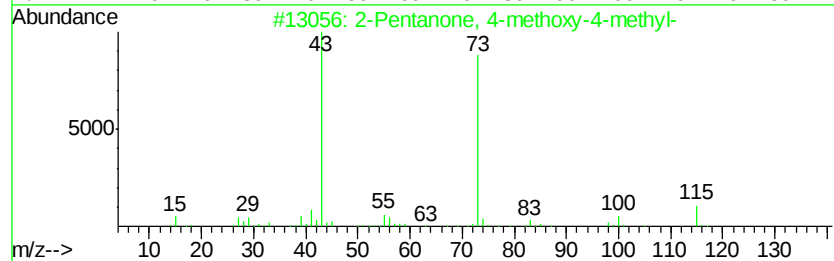
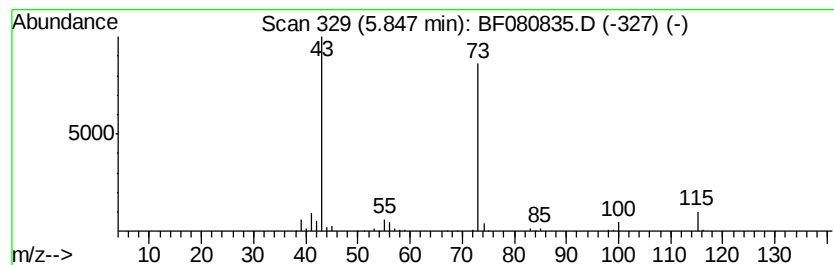
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	4.50 ng	242593	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			3,6-Heptanedione	128	C7H12O2	001703-51-1	17
3			N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10



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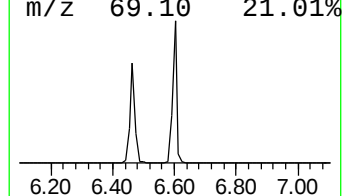
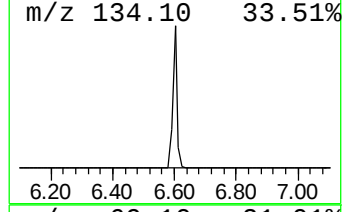
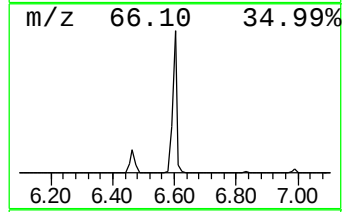
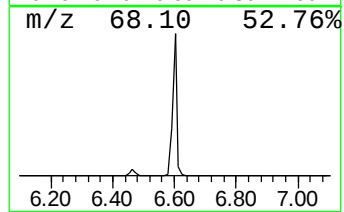
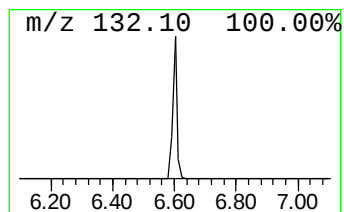
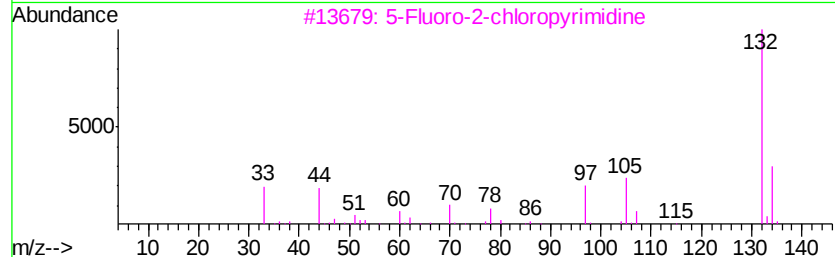
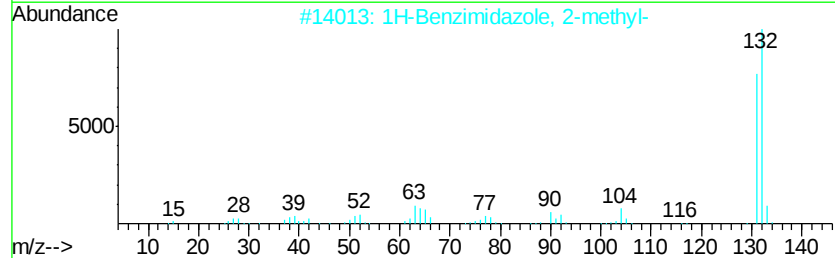
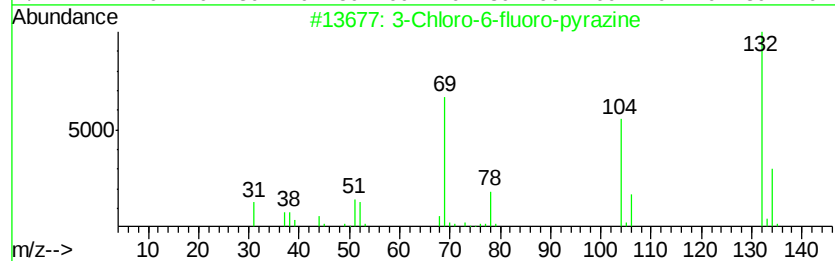
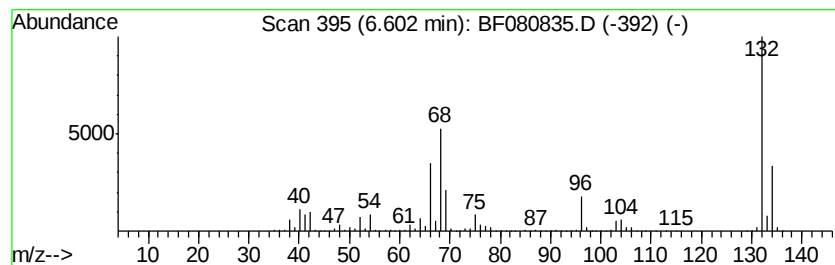
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	94.37 ng	5084480	1,4-Dichlorobenzene-d4	6.83

Hit#	of	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	22	
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11	
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10	



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Data File : BF080835.D
Acq On : 4 Aug 2015 10:46
Operator : TP
Sample : G3145-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

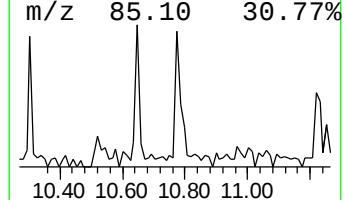
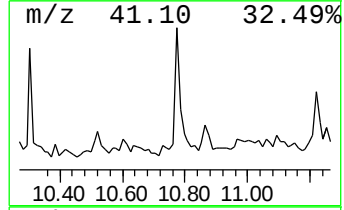
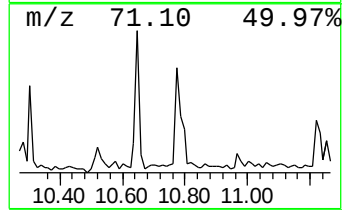
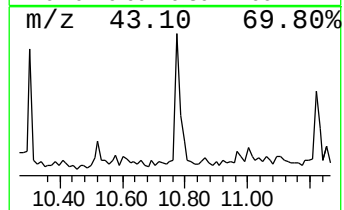
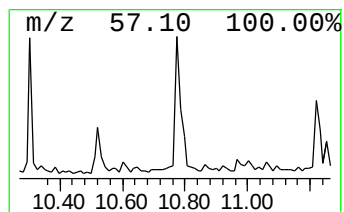
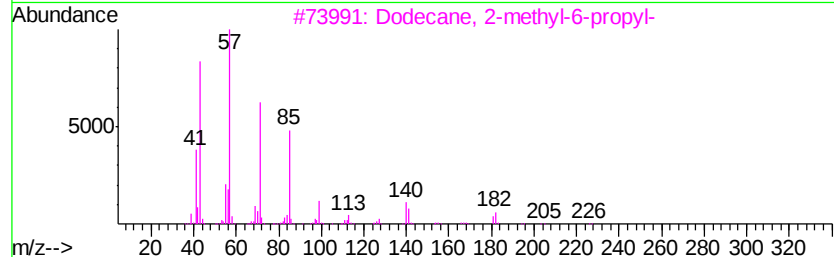
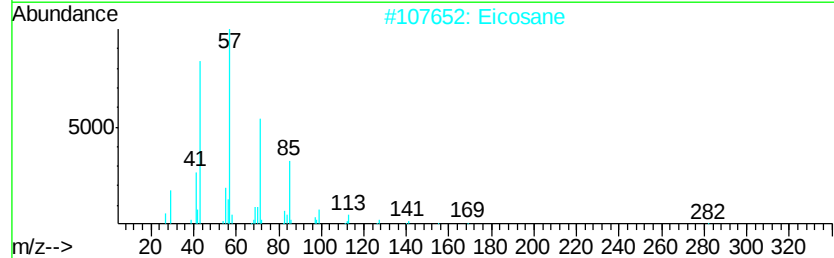
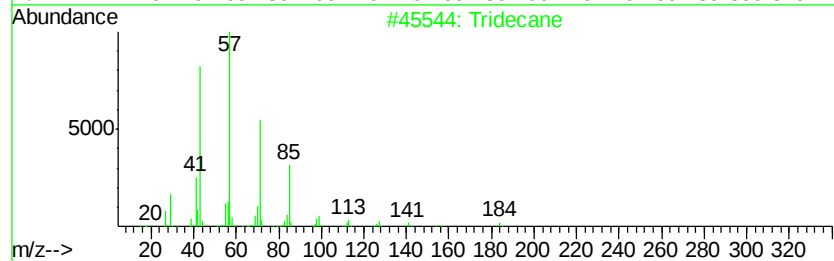
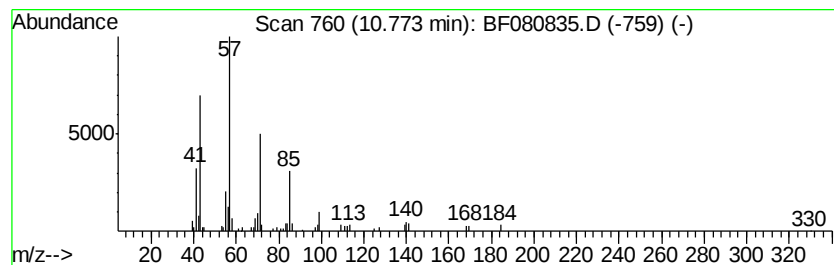
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.30 ng	103098	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Eicosane		282	C20H42	000112-95-8	80
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	78
4	Hexadecane		226	C16H34	000544-76-3	74
5	Tetradecane		198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080315.D
Acq On : 4 Aug 2015 10:46
Operator : TP
Sample : G3145-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

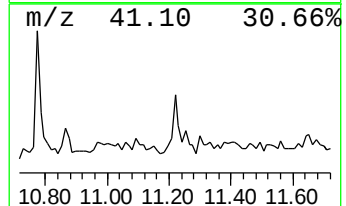
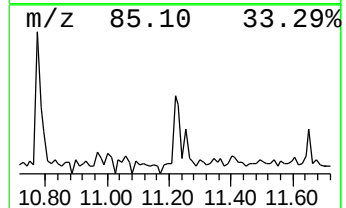
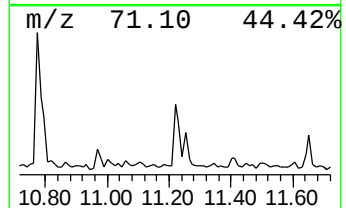
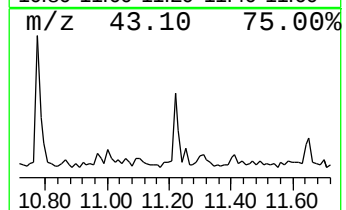
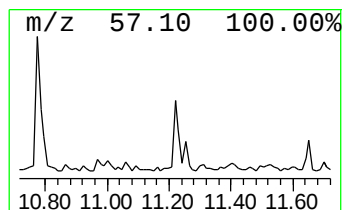
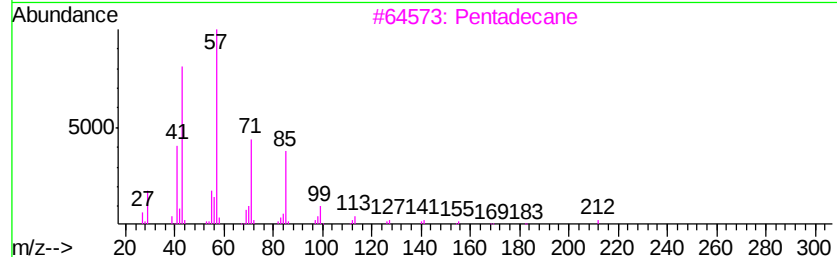
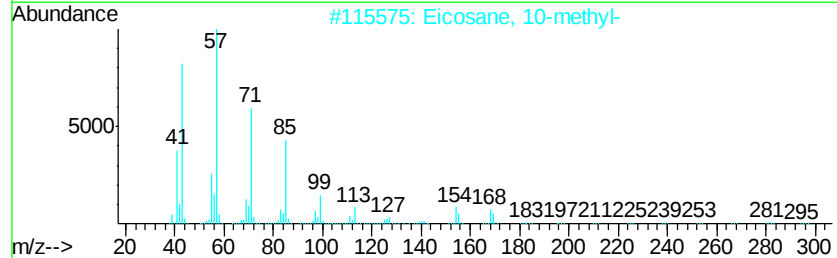
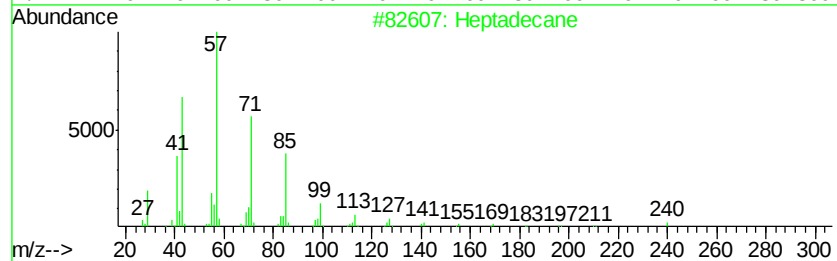
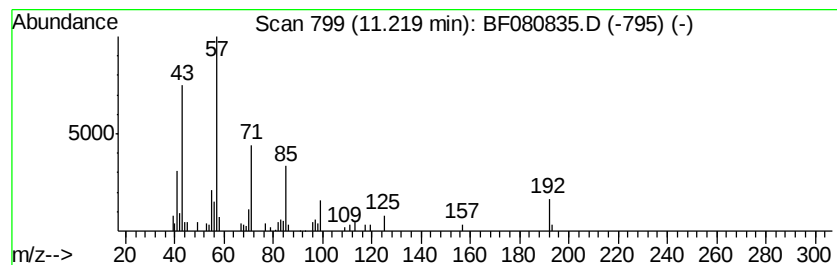
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.35 ng	105174	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	53
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	53
3	Pentadecane		212	C15H32	000629-62-9	53
4	10-Methylnonadecane		282	C20H42	056862-62-5	52
5	Eicosane		282	C20H42	000112-95-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
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Acq On : 4 Aug 2015 10:46
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Misc :
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Instrument :
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ClientSampleId :
FK-SF-03-003-B

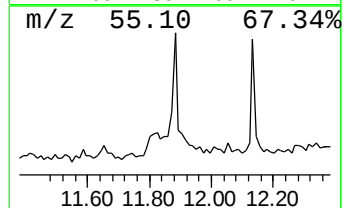
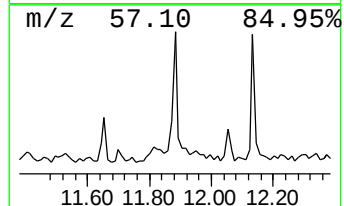
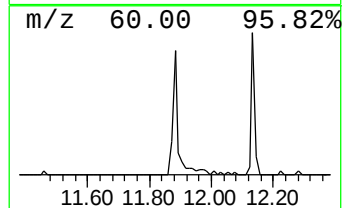
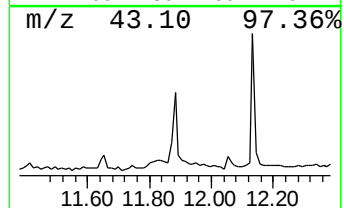
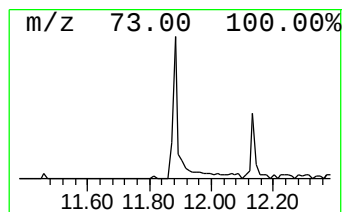
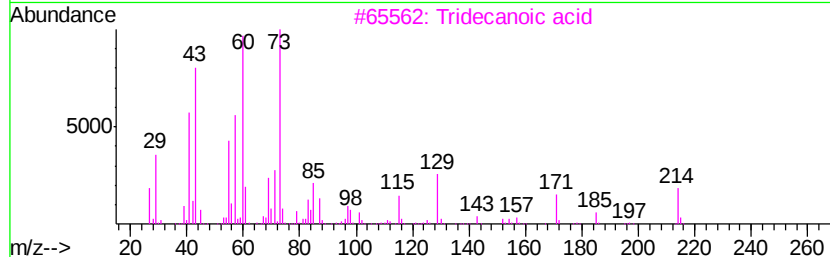
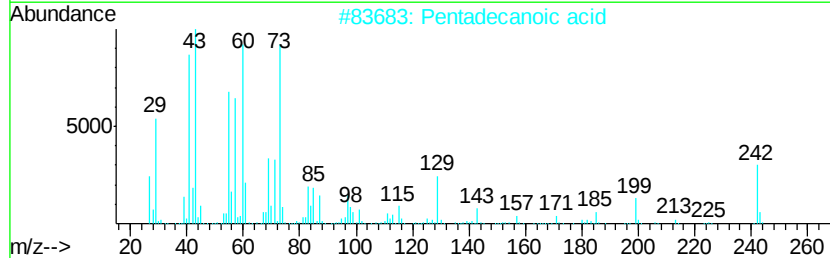
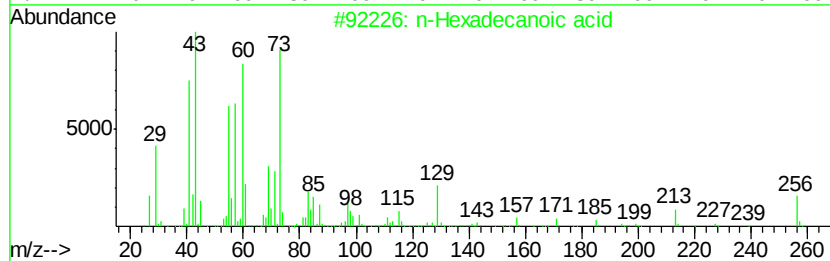
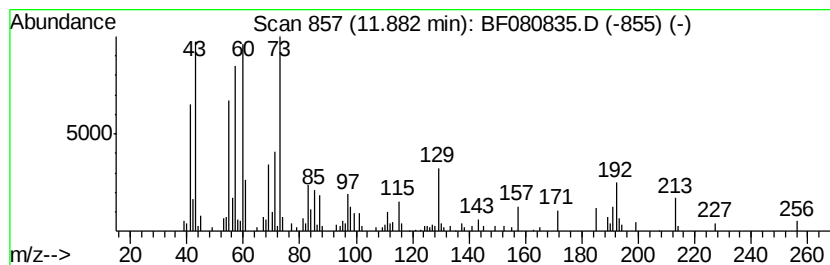
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.88	3.94 ng	176434	Phenanthrene-d10		11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080835.D
Acq On : 4 Aug 2015 10:46
Operator : TP
Sample : G3145-03
Misc :
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Instrument :
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ClientSampleId :
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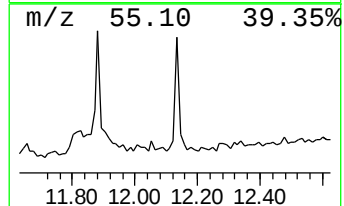
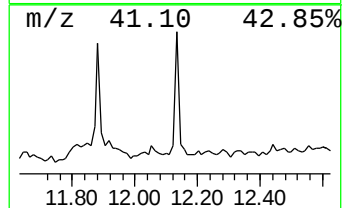
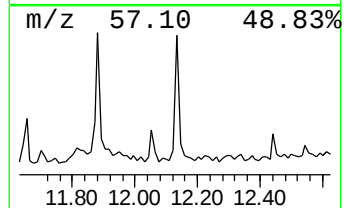
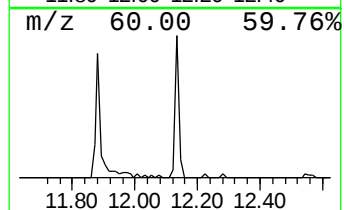
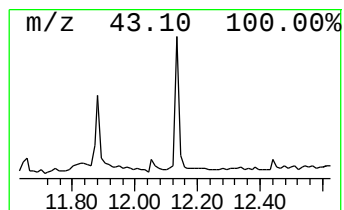
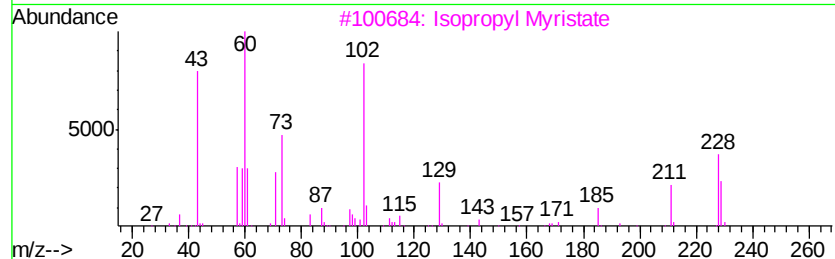
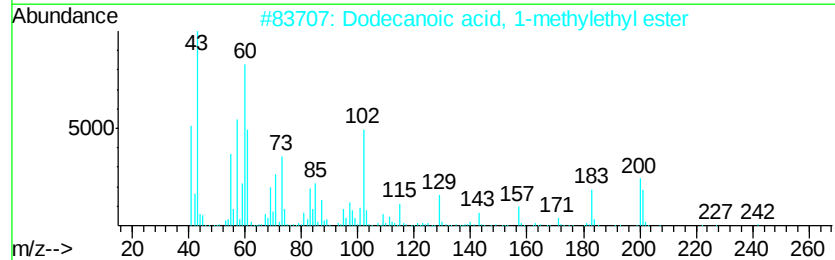
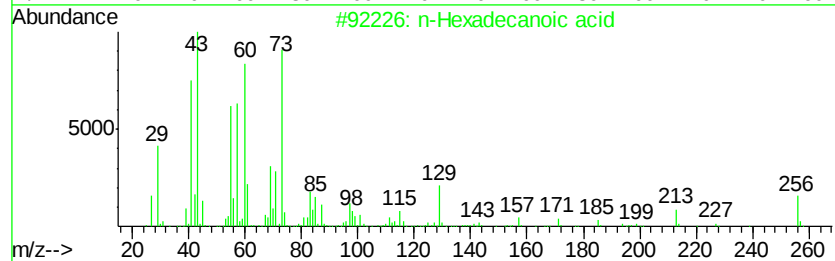
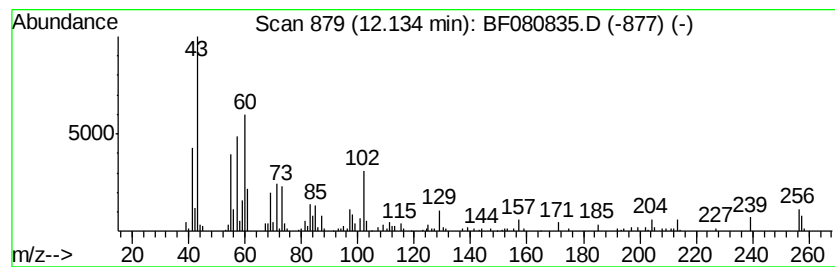
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecanoic acid, 1-methylet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.42 ng	197897	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	59
3			Isopropyl Myristate	270	C17H34O2	000110-27-0	59
4			n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
5			Hexanoic acid, 1-methylethyl ester	158	C9H18O2	002311-46-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080835.D
Acq On : 4 Aug 2015 10:46
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Misc :
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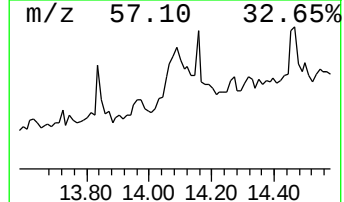
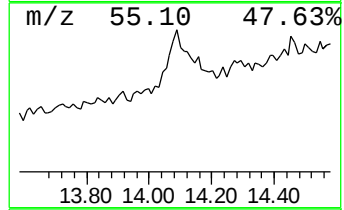
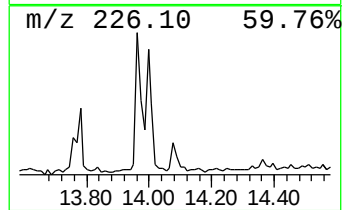
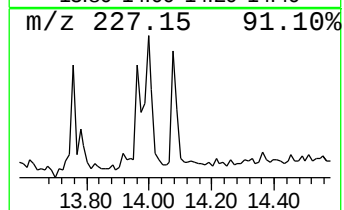
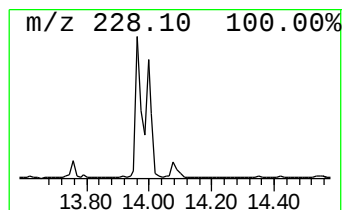
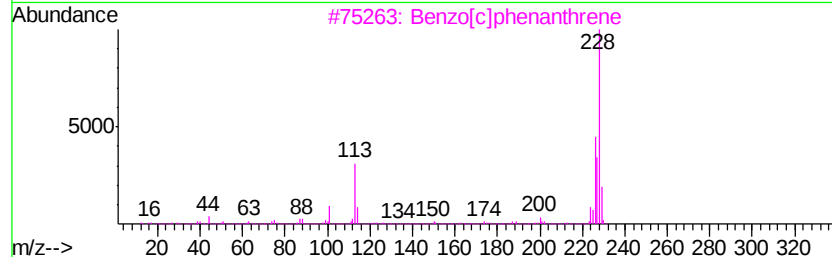
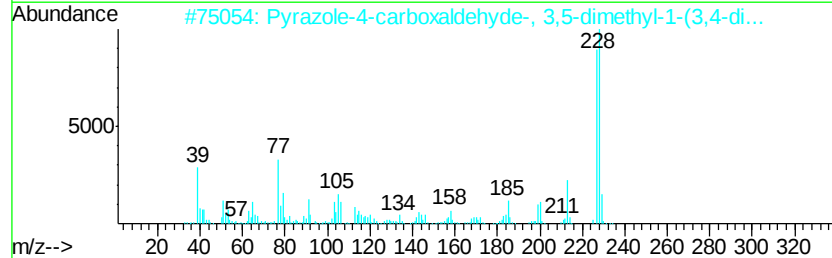
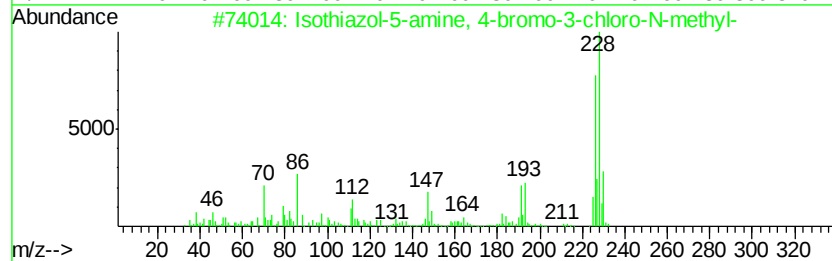
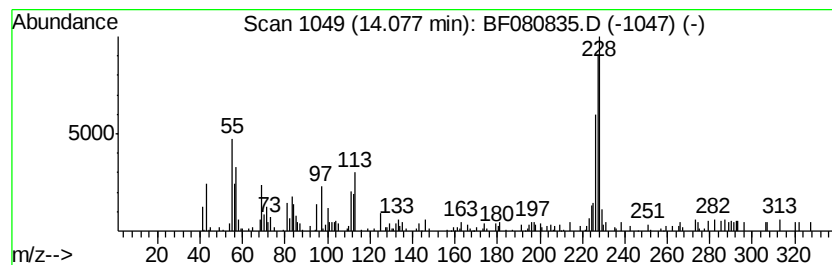
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.07 ng	221502	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	35
2		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	32
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	27
4		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	25
5		2-Fluoro-4-methyl-10H-acridin-9-one	227	C14H10FN0	1000210-25-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080835.D
Acq On : 4 Aug 2015 10:46
Operator : TP
Sample : G3145-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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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3-Penten-2-one, 4...	4.38	5.4 ng		290965	1	6.83	1077520	20.0
2-Pentanone, 4-hy...	5.04	102.4 ng		5518160	1	6.83	1077520	20.0
2-Pentanone, 4-me...	5.85	4.5 ng		242593	1	6.83	1077520	20.0
unknown6.60	6.60	94.4 ng		5084480	1	6.83	1077520	20.0
Tridecane	10.77	2.3 ng		103098	4	11.34	896064	20.0
Heptadecane	11.22	2.4 ng		105174	4	11.34	896064	20.0
n-Hexadecanoic acid	11.88	3.9 ng		176434	4	11.34	896064	20.0
Dodecanoic acid, ...	12.13	4.4 ng		197897	4	11.34	896064	20.0
unknown14.08	14.08	3.1 ng		221502	5	13.97	1443390	20.0