

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081479.D
 Acq On : 5 Sep 2015 23:00
 Operator : UM/IZ
 Sample : G3555-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

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-BF090115.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	4.399	243	246	258	rVB	503622	928081	50.14%	5.826%
2	4.902	288	290	293	rBV	1277501	1525741	82.42%	9.577%
3	6.022	386	388	391	rBV	1243929	1619196	87.47%	10.164%
4	6.125	394	397	399	rBV	1813335	1644037	88.81%	10.320%
5	6.353	415	417	420	rVB	411906	366779	19.81%	2.302%
6	6.513	429	431	433	rBV	1372594	1238195	66.89%	7.772%
7	6.936	465	468	470	rBV	1159580	1142286	61.71%	7.170%
8	7.645	528	530	532	rBV	576463	477513	25.80%	2.997%
9	8.730	622	625	627	rBV	2037644	1851128	100.00%	11.620%
10	9.131	658	660	663	rBV	368675	303669	16.40%	1.906%
11	9.382	680	682	685	rVB	508523	467412	25.25%	2.934%
12	10.171	748	751	753	rBV	1044333	1030638	55.68%	6.469%
13	10.319	762	764	768	rVB	23602	26174	1.41%	0.164%
14	10.845	808	810	813	rBV	452093	463578	25.04%	2.910%
15	11.428	859	861	866	rBV	32061	46746	2.53%	0.293%
16	12.297	934	937	939	rBV	101039	134892	7.29%	0.847%
17	12.342	939	941	942	rBV	38988	35529	1.92%	0.223%
18	12.434	946	949	951	rBV	1524099	1430133	77.26%	8.977%
19	12.697	970	972	974	rBV	50938	45076	2.44%	0.283%
20	12.994	995	998	1000	rBV	108309	107734	5.82%	0.676%
21	13.039	1000	1002	1003	rBV	60775	60724	3.28%	0.381%
22	13.360	1028	1030	1036	rBV	100658	154412	8.34%	0.969%
23	13.451	1036	1038	1041	rVB	345130	342713	18.51%	2.151%
24	13.680	1055	1058	1060	rBV	68346	70506	3.81%	0.443%
25	13.977	1082	1084	1086	rBV	63539	58595	3.17%	0.368%
26	14.274	1108	1110	1112	rVB	48854	49857	2.69%	0.313%
27	14.548	1132	1134	1137	rBV	30899	35221	1.90%	0.221%
28	14.765	1151	1153	1155	rBV	222168	249338	13.47%	1.565%
29	14.834	1157	1159	1162	rVB	22378	24936	1.35%	0.157%

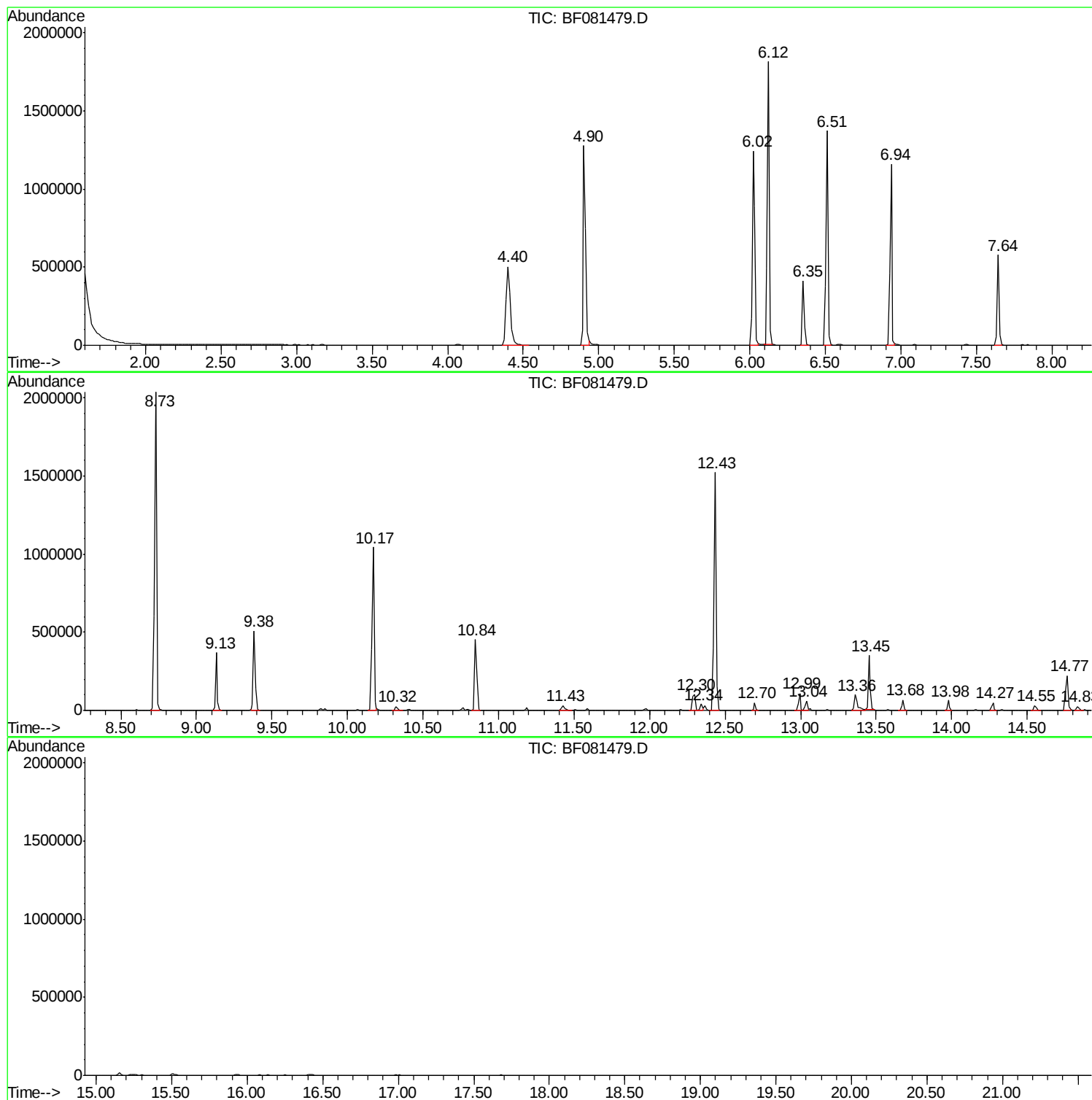
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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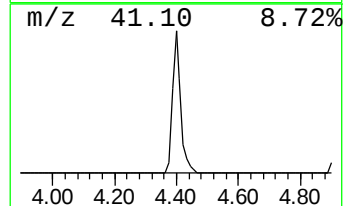
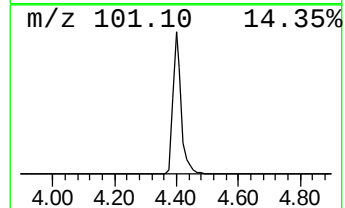
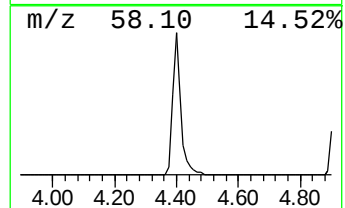
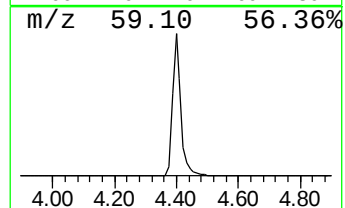
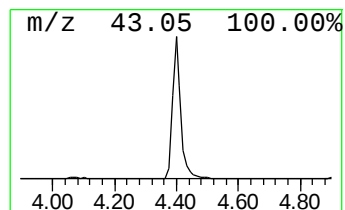
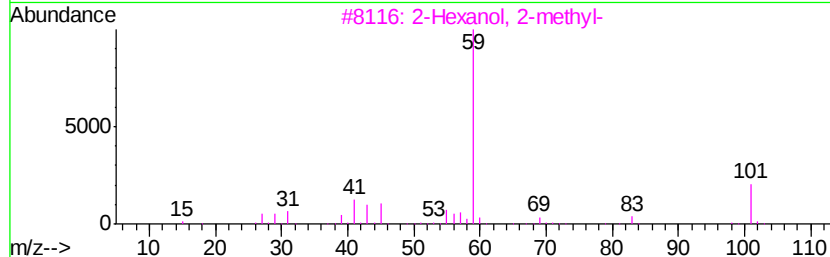
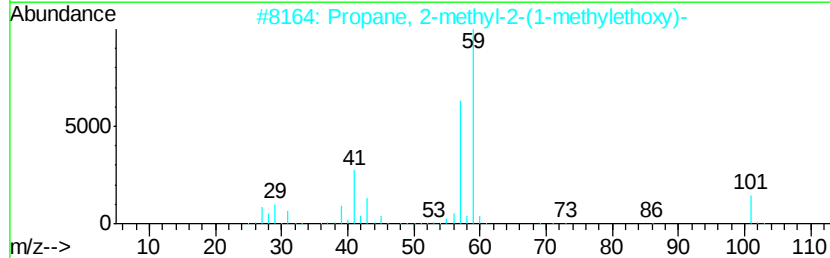
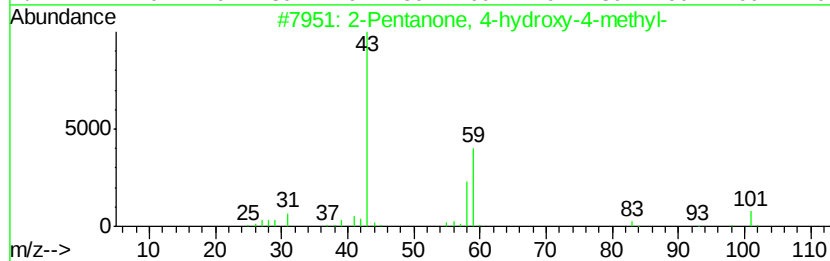
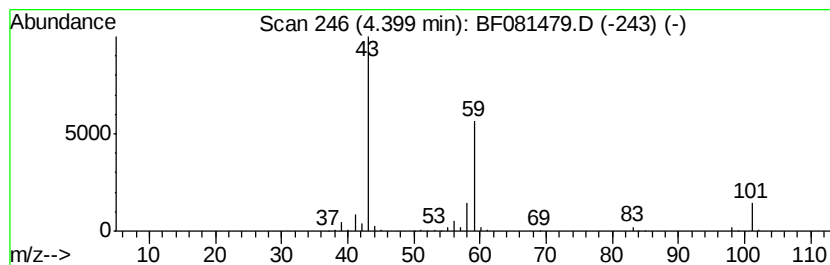
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	50.61 ng	928081	1,4-Dichlorobenzene-d4	6.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
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	23	



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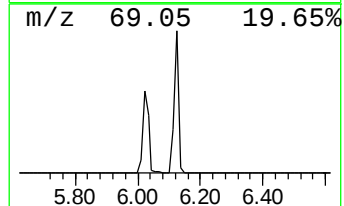
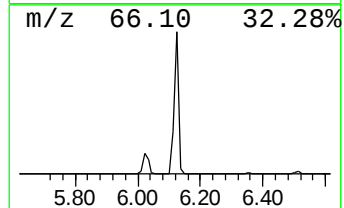
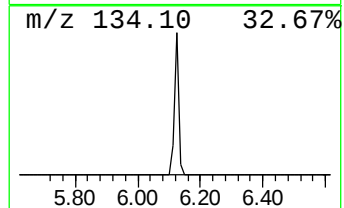
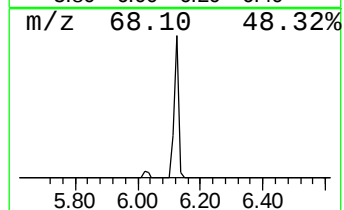
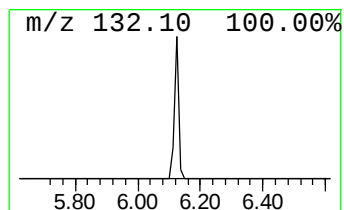
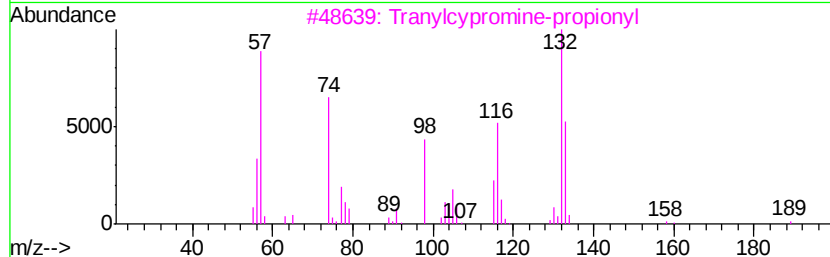
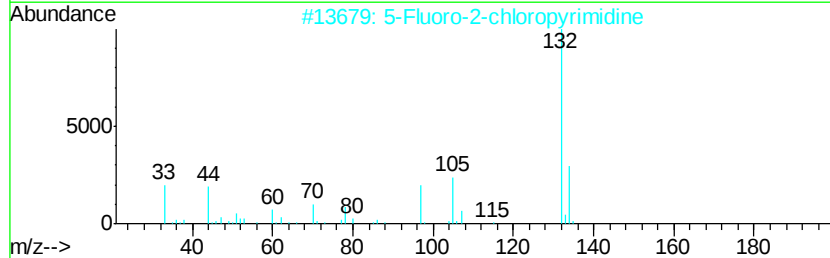
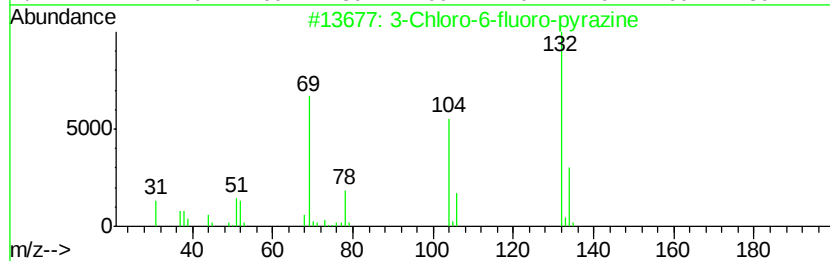
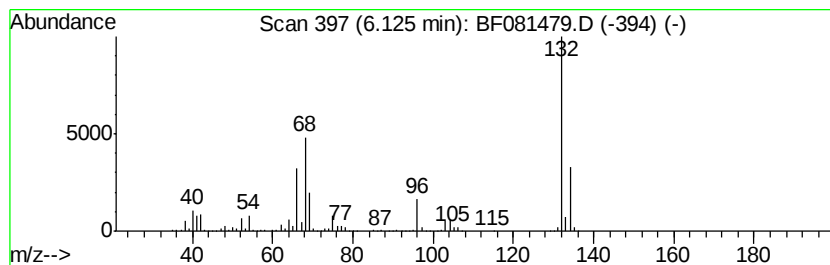
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Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	89.65 ng	1644040	1,4-Dichlorobenzene-d4	6.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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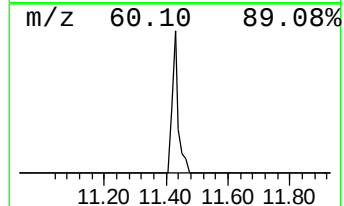
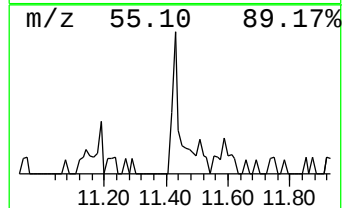
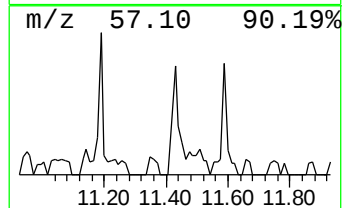
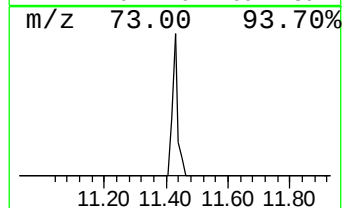
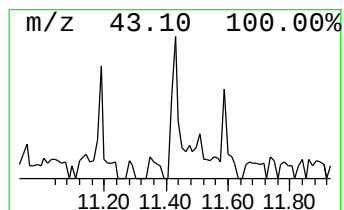
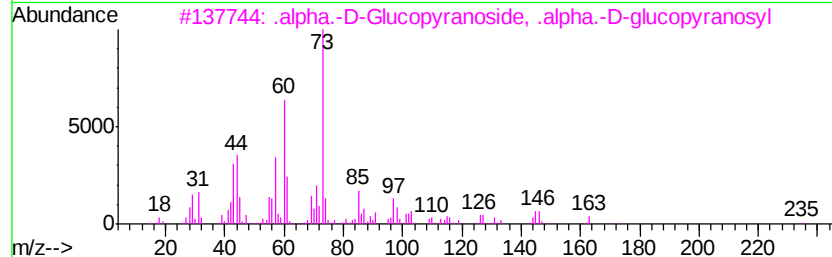
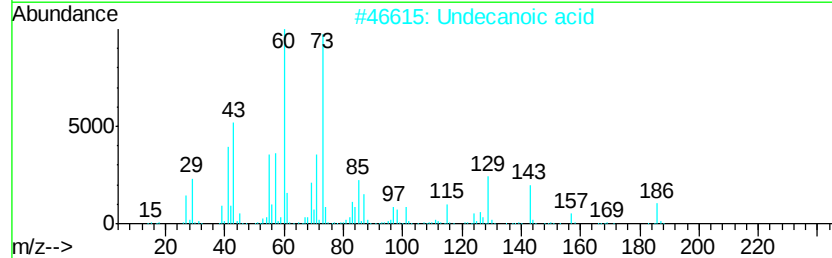
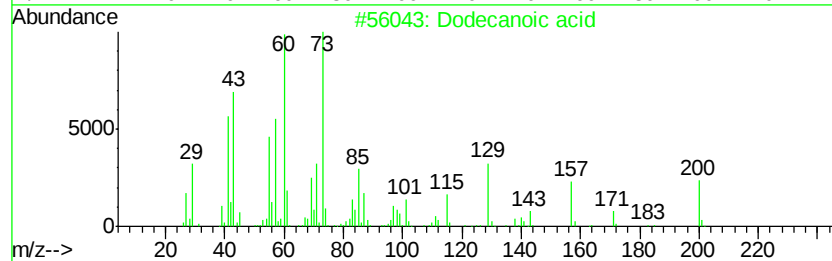
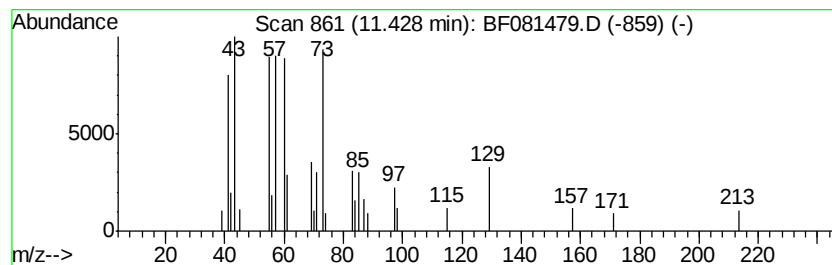
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.02 ng	46746	Phenanthrene-d10	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	59
2		Undecanoic acid	186	C11H22O2	000112-37-8	59
3		.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	50
4		.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	50
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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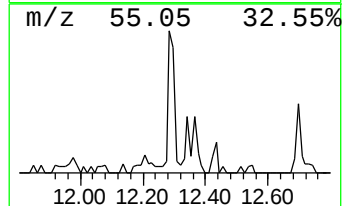
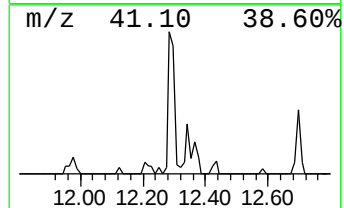
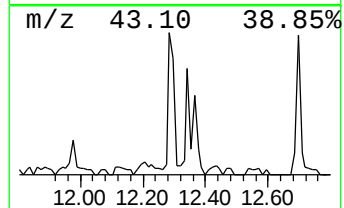
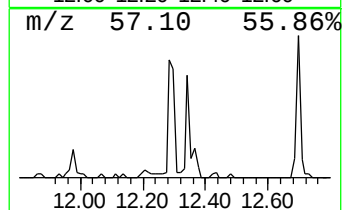
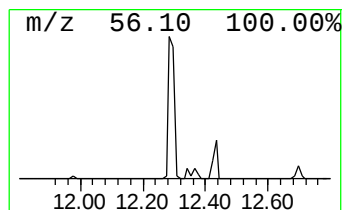
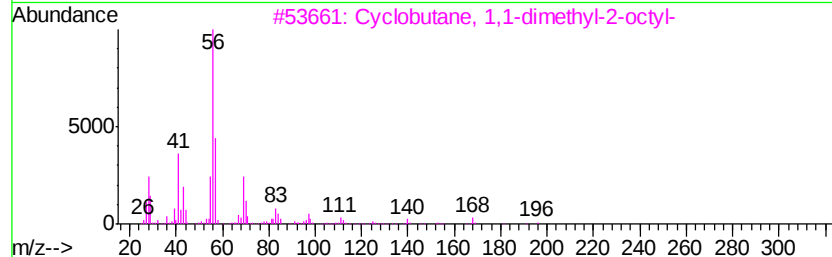
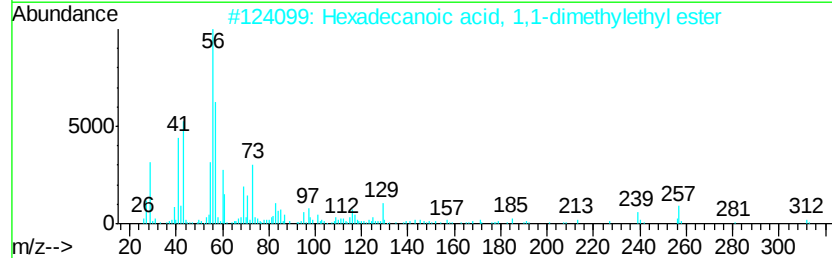
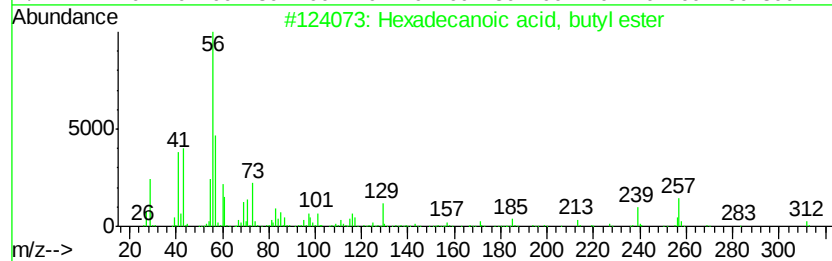
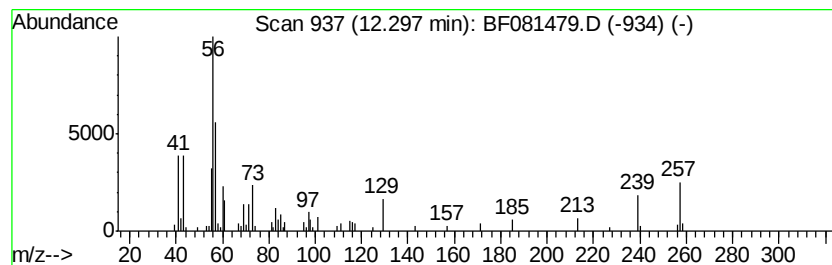
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.87 ng	134892	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
4		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	32
5		Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30



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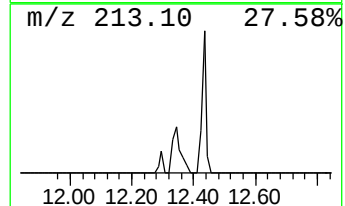
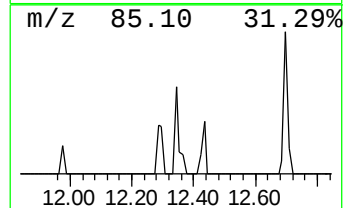
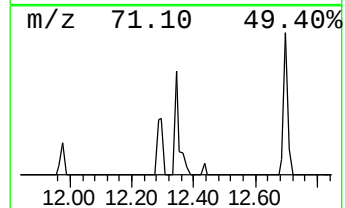
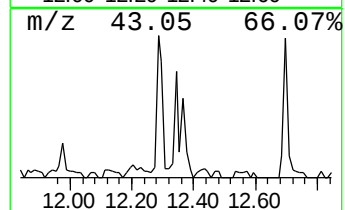
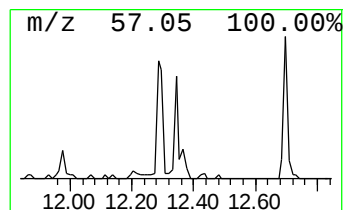
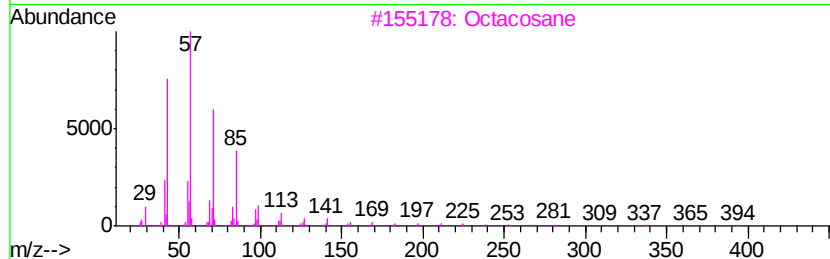
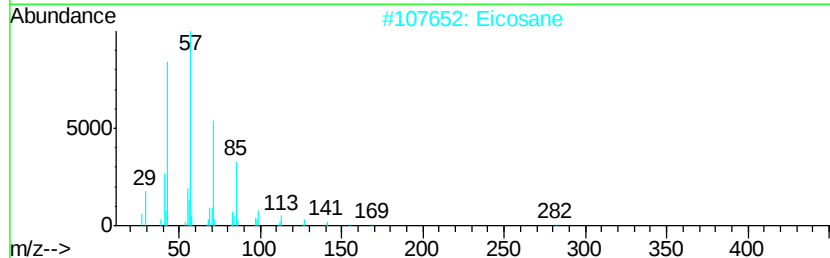
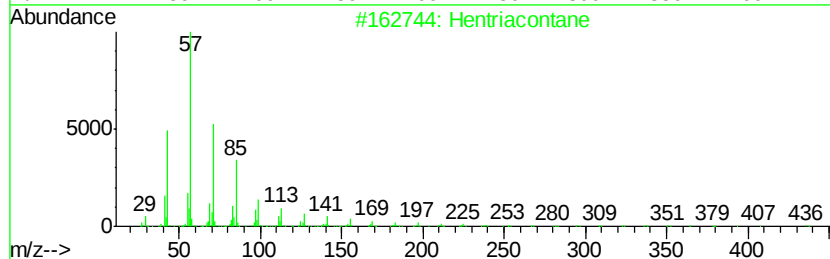
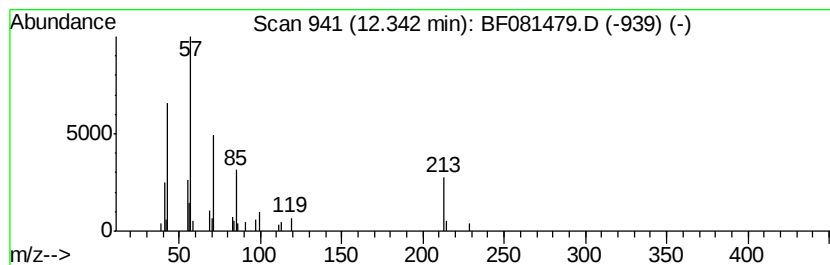
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.07 ng	35529	Chrysene-d12	13.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	59
2	Eicosane		282	C20H42	000112-95-8	58
3	Octacosane		394	C28H58	000630-02-4	58
4	Hexadecane		226	C16H34	000544-76-3	53
5	Pentadecane		212	C15H32	000629-62-9	53



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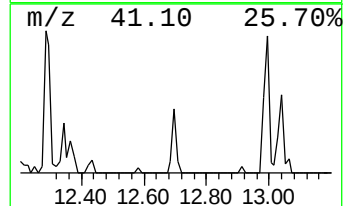
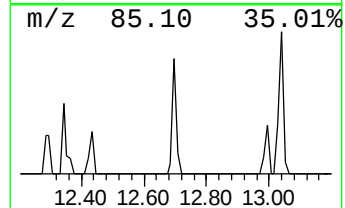
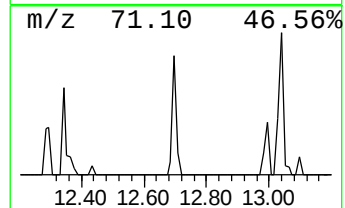
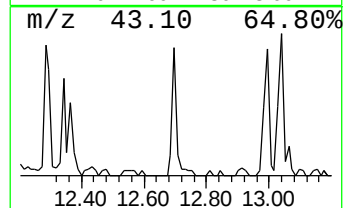
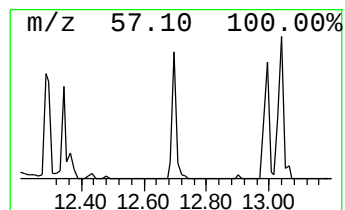
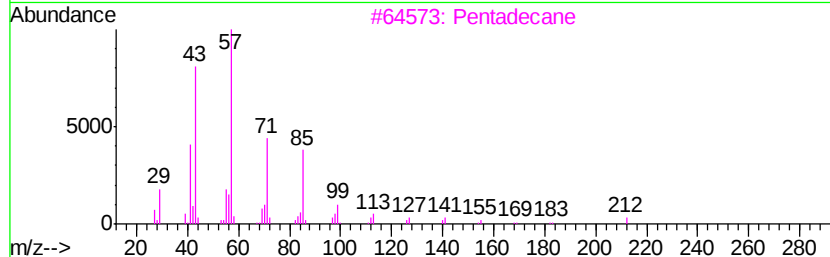
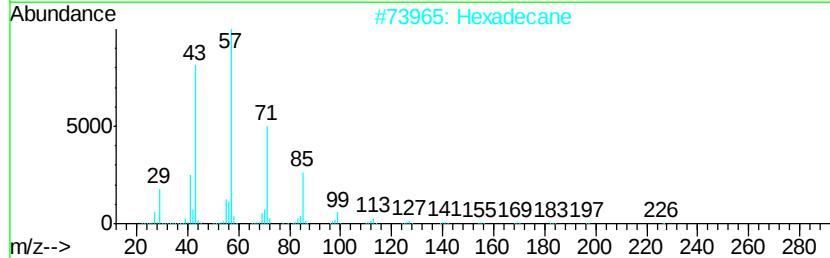
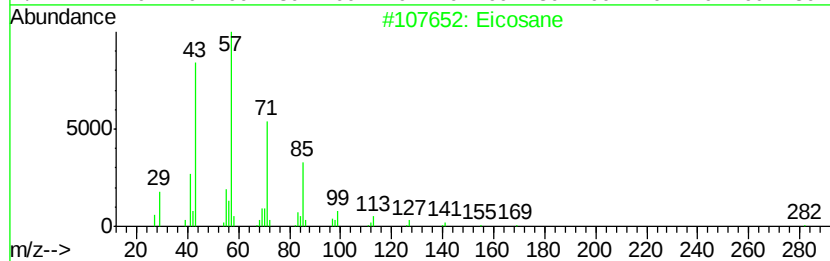
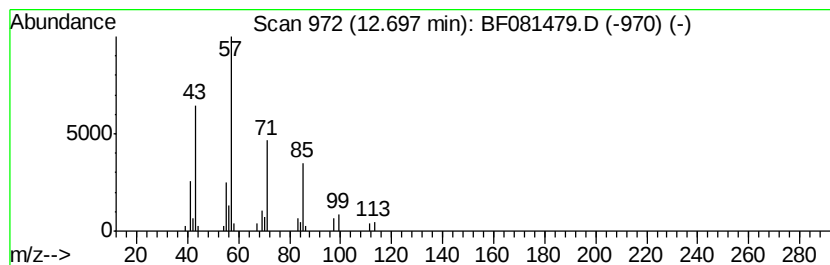
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.63 ng	45076	Chrysene-d12	13.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	86
2	Hexadecane	226 C16H34	000544-76-3	78
3	Pentadecane	212 C15H32	000629-62-9	64
4	Tetradecane	198 C14H30	000629-59-4	59
5	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
Operator : UM/IZ
Sample : G3555-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

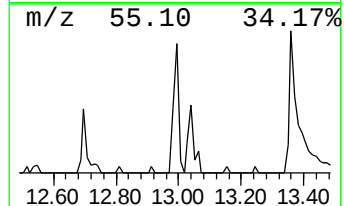
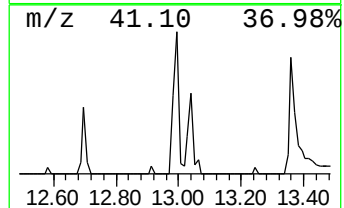
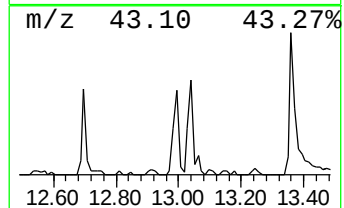
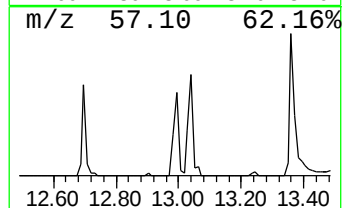
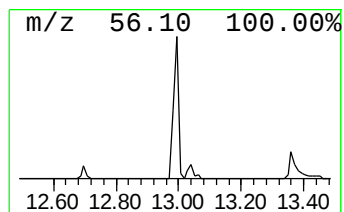
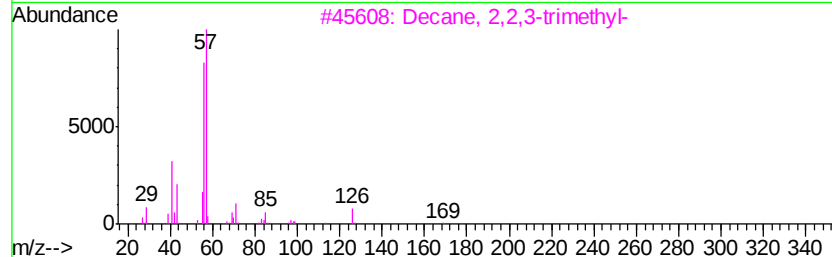
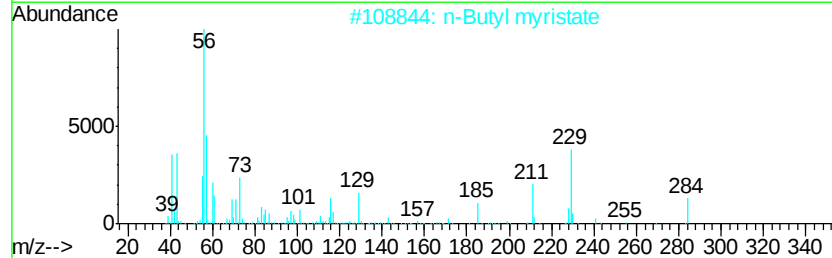
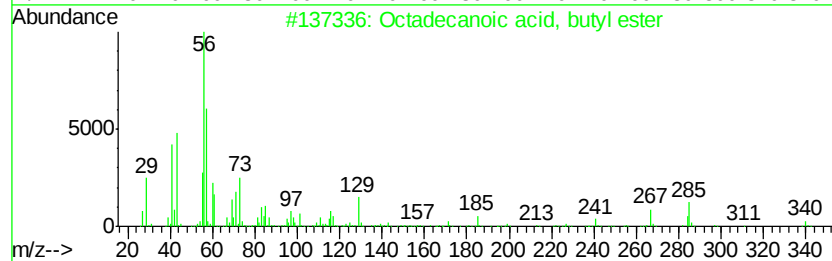
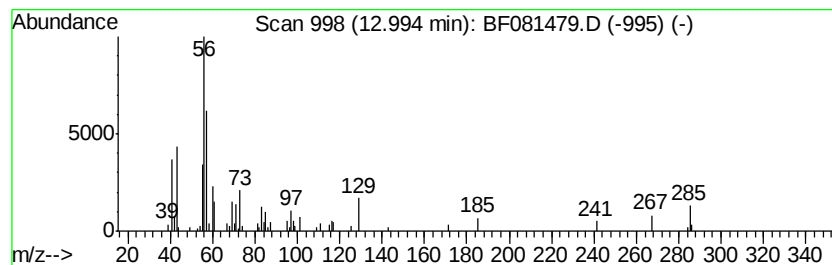
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	6.29 ng	107734	Chrysene-d12	13.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	78
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
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Sample : G3555-04
Misc :
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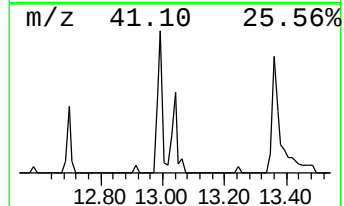
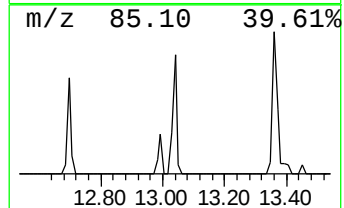
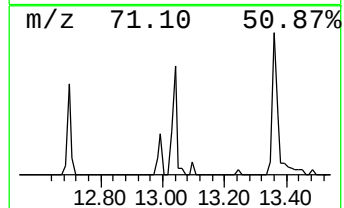
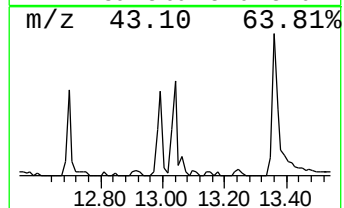
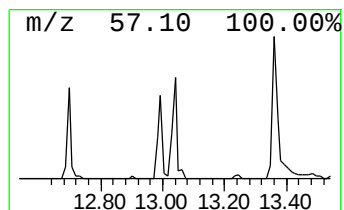
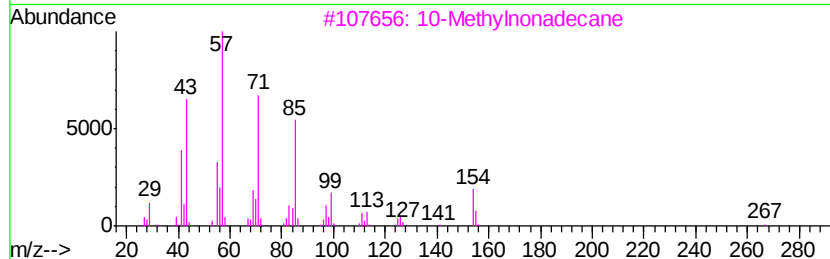
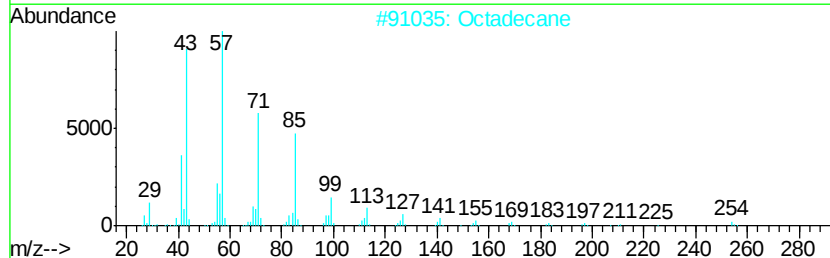
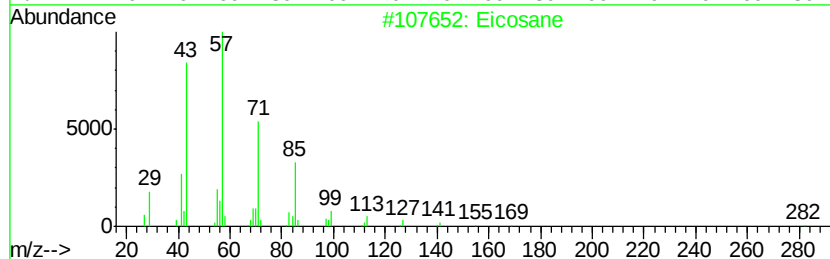
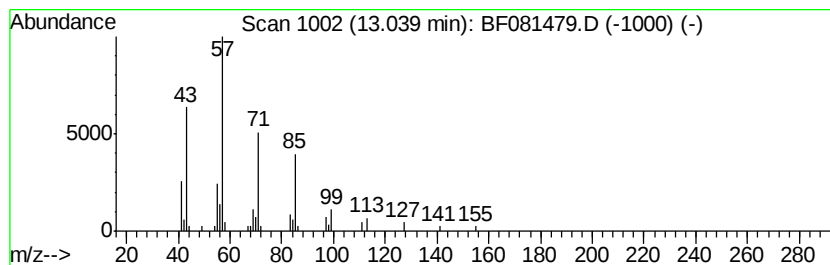
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	3.54 ng	60724	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Octadecane	254	C18H38	000593-45-3	90
3		10-Methylnonadecane	282	C20H42	056862-62-5	87
4		Heneicosane	296	C21H44	000629-94-7	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
Operator : UM/IZ
Sample : G3555-04
Misc :
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Instrument :
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ClientSampleId :
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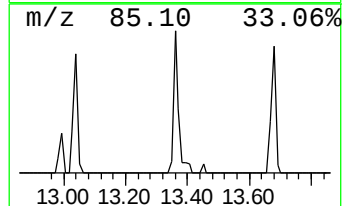
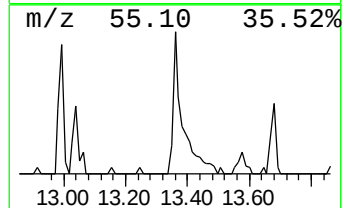
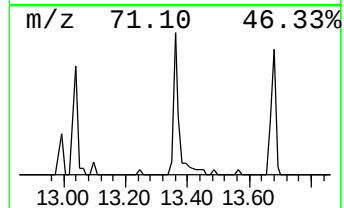
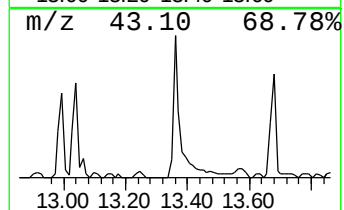
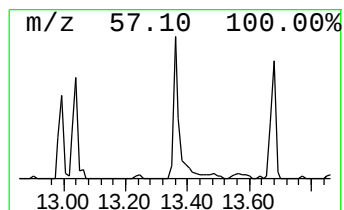
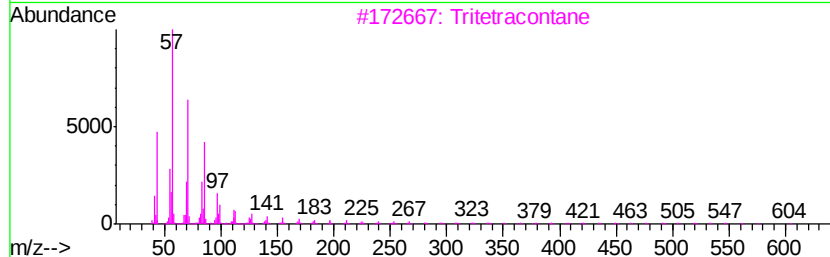
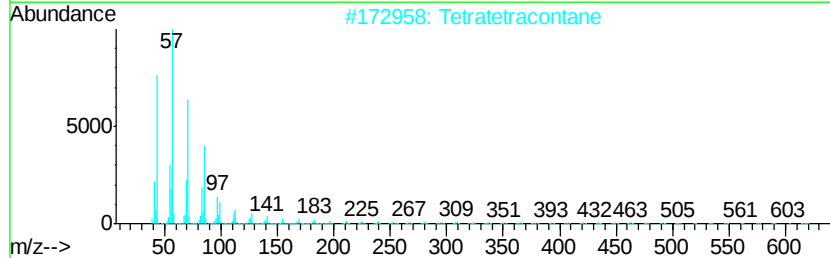
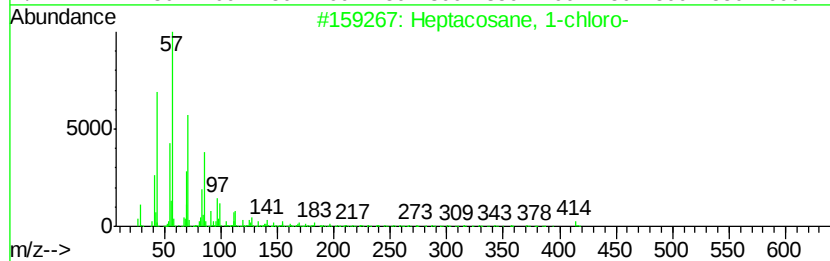
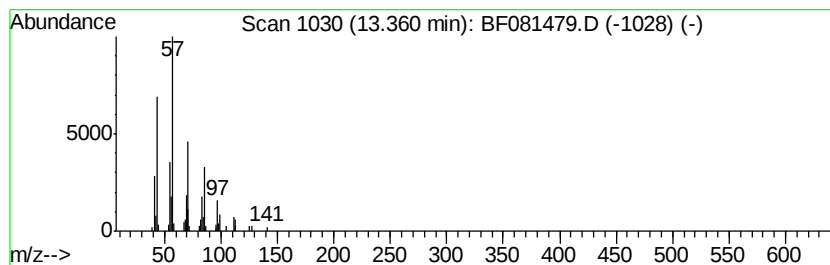
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	9.01 ng	154412	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Tritetracontane	605	C43H88	007098-21-7	86
4		Eicosane	282	C20H42	000112-95-8	83
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
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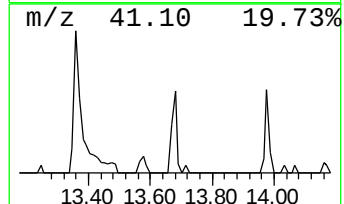
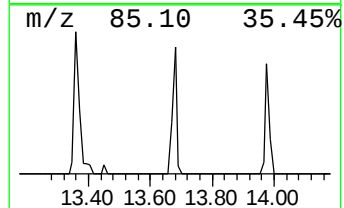
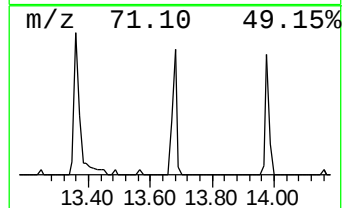
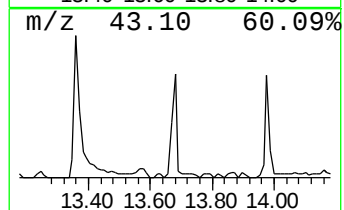
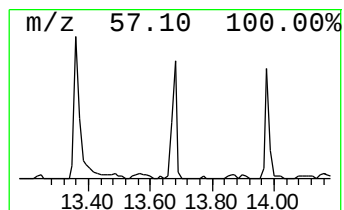
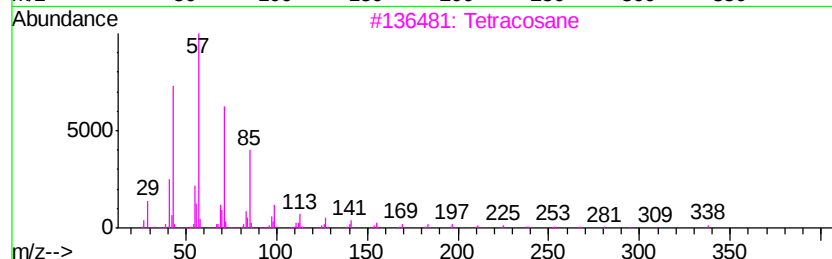
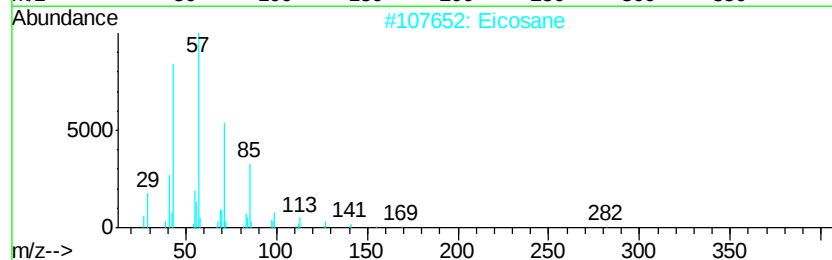
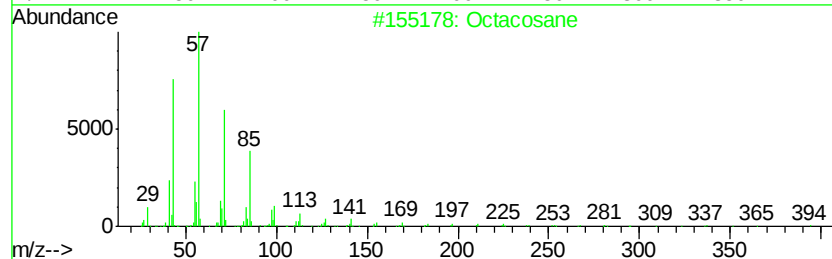
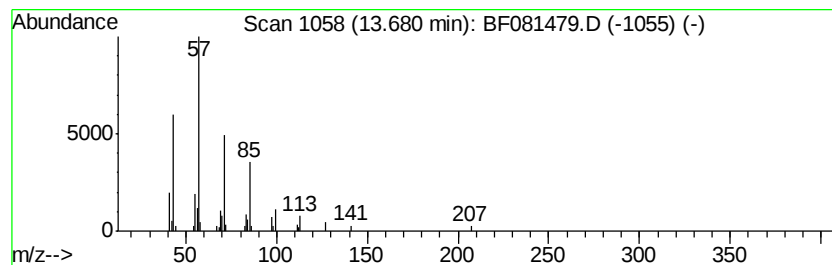
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.68	4.11 ng	70506	Chrysene-d12		13.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
Operator : UM/IZ
Sample : G3555-04
Misc :
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Instrument :
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ClientSampleId :
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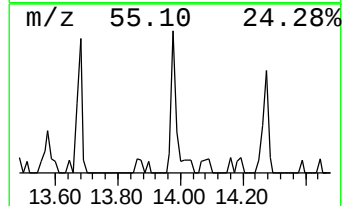
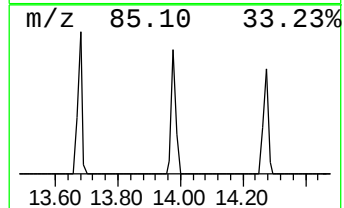
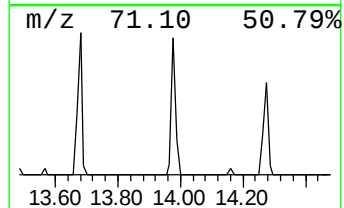
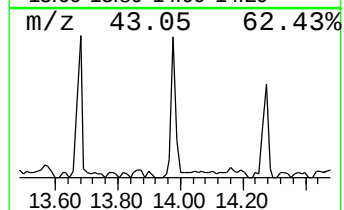
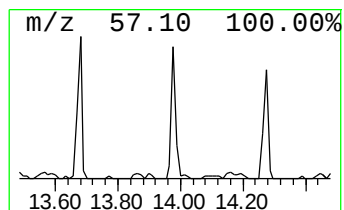
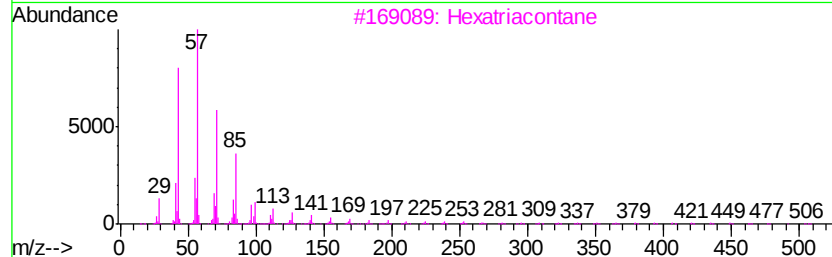
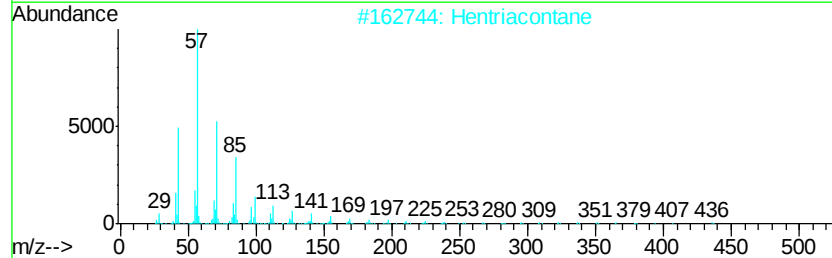
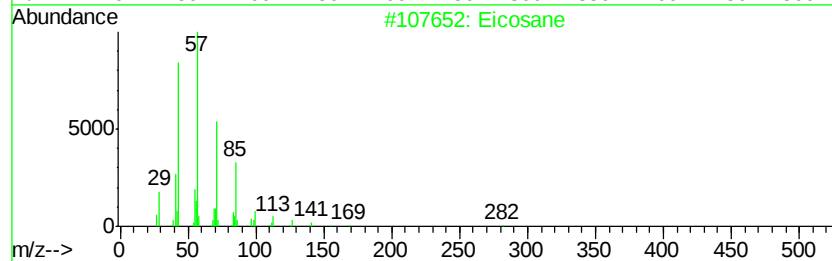
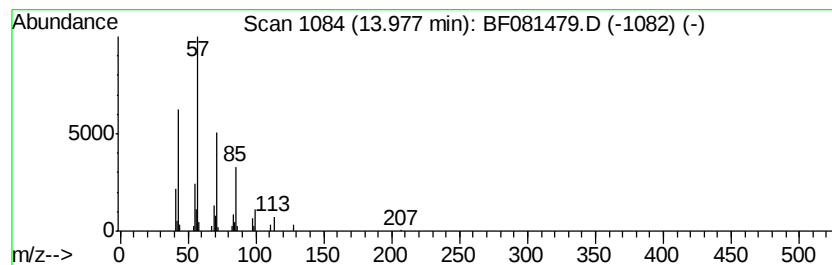
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	3.42 ng	58595	Chrysene-d12	13.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Hentriacontane	437	C31H64	000630-04-6	90
3			Hexatriacontane	507	C36H74	000630-06-8	86
4			Tetratetracontane	619	C44H90	007098-22-8	86
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
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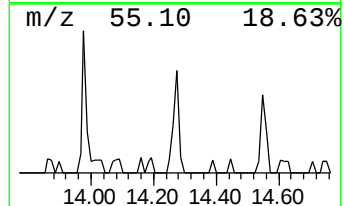
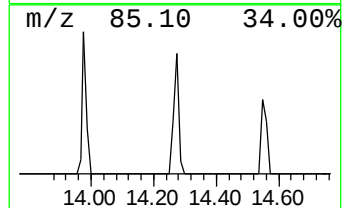
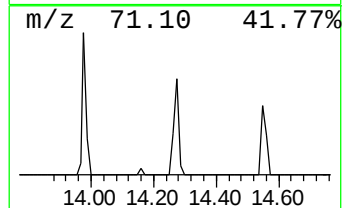
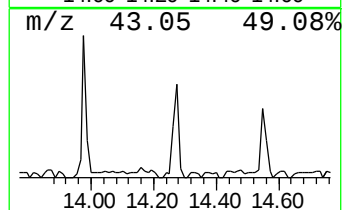
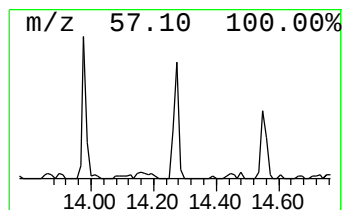
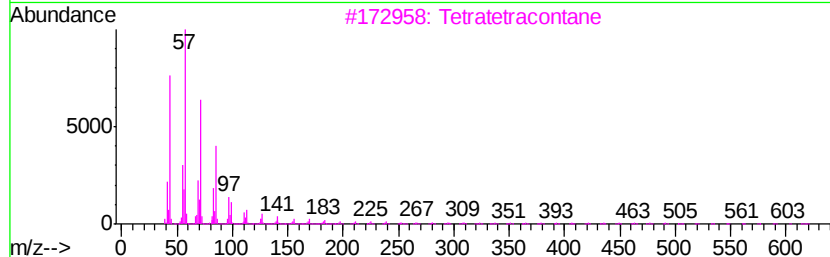
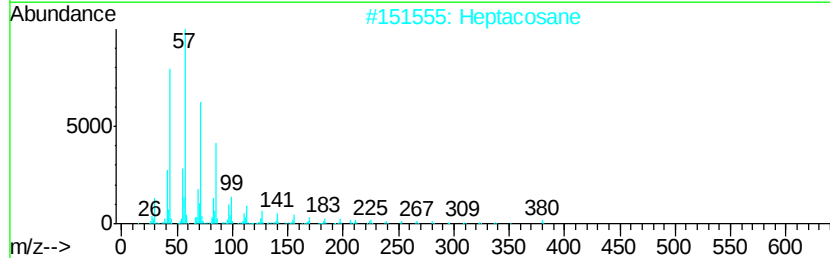
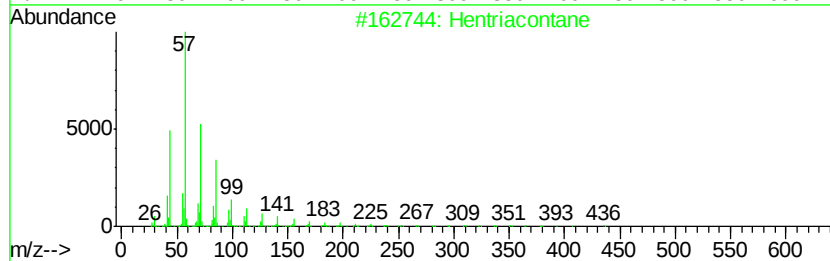
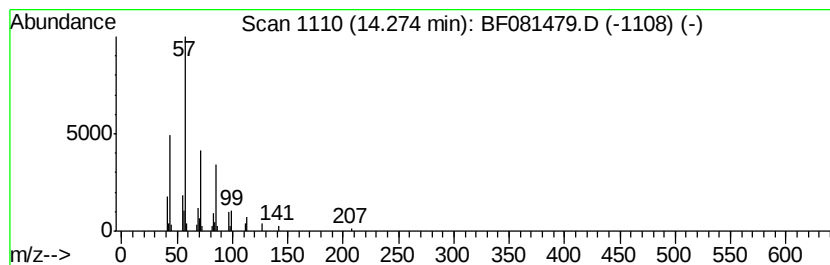
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	4.00 ng	49857	Perylene-d12	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Tetratetracontane	619	C44H90	007098-22-8	86
4			Hexatriacontane	507	C36H74	000630-06-8	86
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
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Acq On : 5 Sep 2015 23:00
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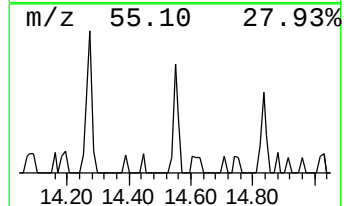
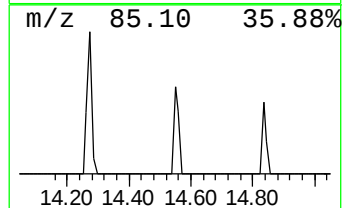
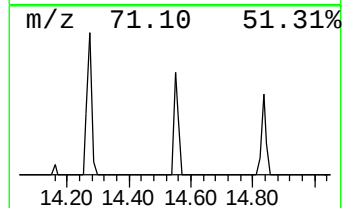
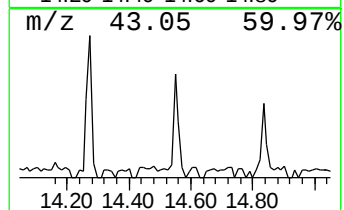
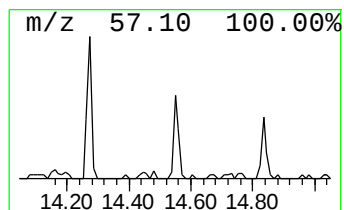
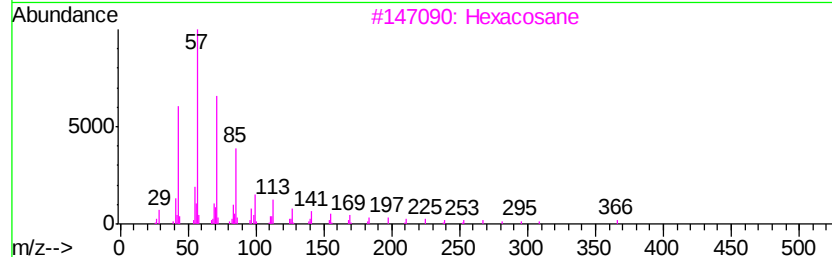
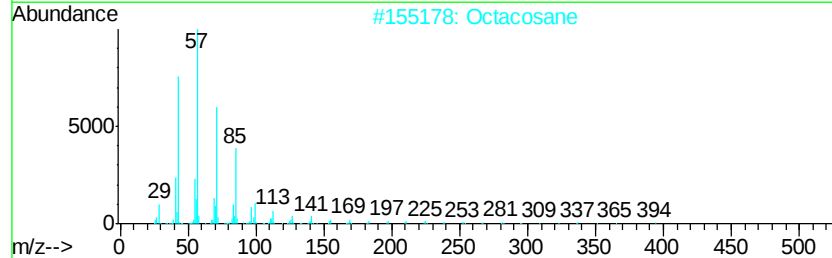
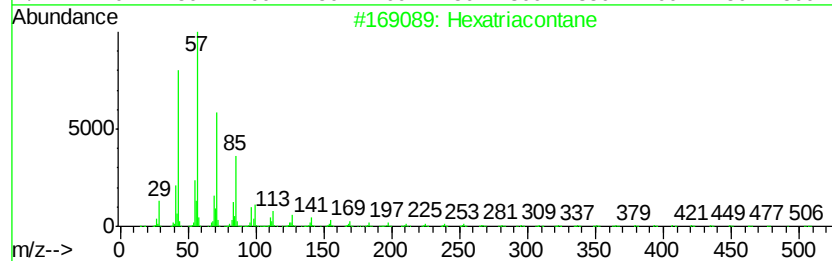
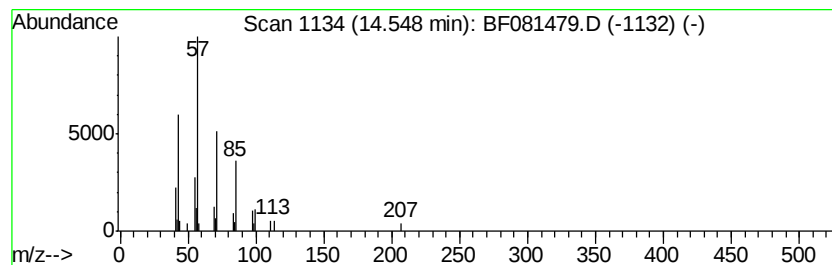
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.83 ng	35221	Perylene-d12	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	87
2		Octacosane	394	C28H58	000630-02-4	80
3		Hexacosane	366	C26H54	000630-01-3	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081479.D
Acq On : 5 Sep 2015 23:00
Operator : UM/IZ
Sample : G3555-04
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

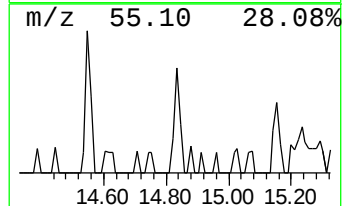
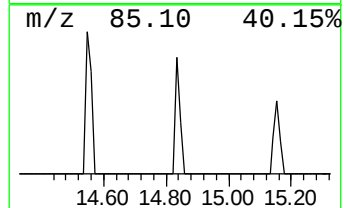
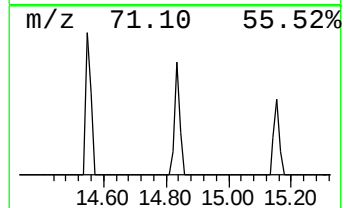
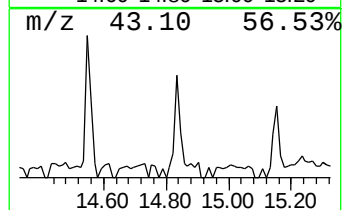
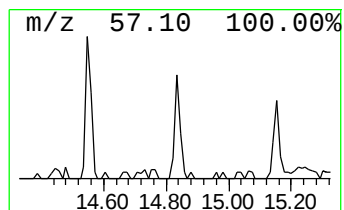
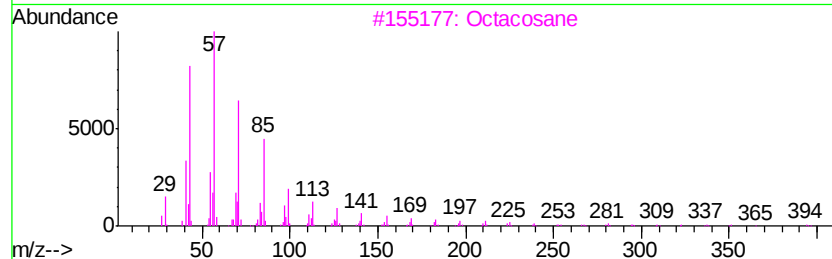
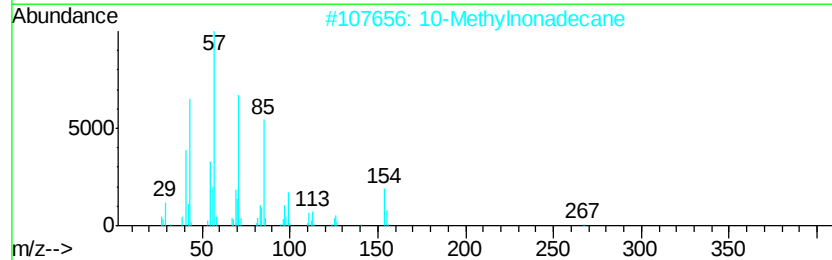
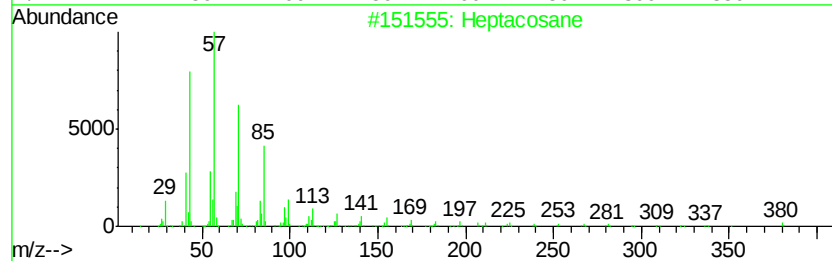
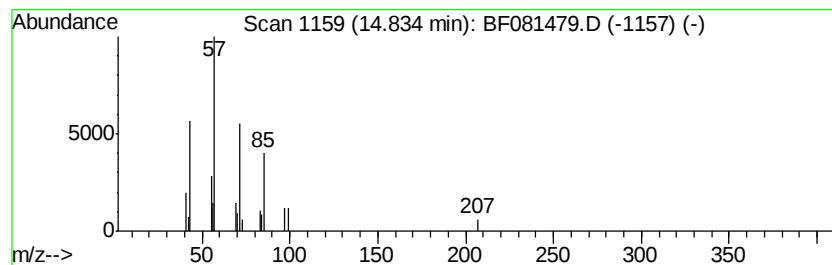
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10-Methylnonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.00 ng	24936	Perylene-d12	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	86
2			10-Methylnonadecane	282	C20H42	056862-62-5	86
3			Octacosane	394	C28H58	000630-02-4	78
4			Tetratetracontane	619	C44H90	007098-22-8	78
5			Pentacosane	352	C25H52	000629-99-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081479.D
 Acq On : 5 Sep 2015 23:00
 Operator : UM/IZ
 Sample : G3555-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.40	50.6	ng	928081	1	6.35	366779	20.0
unknown6.12	6.12	89.7	ng	1644040	1	6.35	366779	20.0
Dodecanoic acid	11.43	2.0	ng	46746	4	10.85	463578	20.0
Hexadecanoic acid...	12.30	7.9	ng	134892	5	13.45	342713	20.0
Hentriacontane	12.34	2.1	ng	35529	5	13.45	342713	20.0
Eicosane	12.70	2.6	ng	45076	5	13.45	342713	20.0
Octadecanoic acid...	12.99	6.3	ng	107734	5	13.45	342713	20.0
Octadecane	13.04	3.5	ng	60724	5	13.45	342713	20.0
Heptacosane, 1-ch...	13.36	9.0	ng	154412	5	13.45	342713	20.0
Tetracosane	13.68	4.1	ng	70506	5	13.45	342713	20.0
Hexatriacontane	13.98	3.4	ng	58595	5	13.45	342713	20.0
Tetratetracontane	14.27	4.0	ng	49857	6	14.77	249338	20.0
Octacosane	14.55	2.8	ng	35221	6	14.77	249338	20.0
10-Methylnonadecane	14.83	2.0	ng	24936	6	14.77	249338	20.0