

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
 Data File : BF077189.D
 Acq On : 5 Feb 2015 17:40
 Operator : TP/IZ
 Sample : G1215-03
 Misc : W/DOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB02-2315

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-BF011415.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	1.321	36	38	42	rBV	3635	8322	1.02%	0.139%
2	1.378	42	43	56	rVB	47323	90684	11.16%	1.518%
3	3.744	248	250	259	rBV	10759	31338	3.86%	0.525%
4	4.704	331	334	343	rBV	66568	174960	21.53%	2.929%
5	7.104	541	544	547	rBV	32738	69327	8.53%	1.160%
6	7.173	547	550	560	rVB	266631	519039	63.88%	8.688%
7	7.687	592	595	603	rVB	94558	171923	21.16%	2.878%
8	7.996	619	622	630	rBV	294076	524727	64.58%	8.783%
9	8.990	706	709	724	rBV	231381	409483	50.39%	6.854%
10	10.591	846	849	857	rBV	138190	235532	28.99%	3.943%
11	13.242	1078	1081	1091	rBV	495978	794992	97.84%	13.307%
12	14.705	1206	1209	1218	rVB	149136	263378	32.41%	4.409%
13	16.397	1352	1357	1359	rBV	6004	10988	1.35%	0.184%
14	16.443	1359	1361	1370	rVB	294893	405128	49.86%	6.781%
15	17.563	1457	1459	1466	rBV	209534	271314	33.39%	4.541%
16	18.934	1576	1579	1586	rBV	63719	125109	15.40%	2.094%
17	19.814	1653	1656	1658	rBV	556915	812562	100.00%	13.601%
18	19.951	1665	1668	1671	rBV	18919	26608	3.27%	0.445%
19	20.523	1715	1718	1720	rBV	41465	57868	7.12%	0.969%
20	20.672	1728	1731	1736	rBV	13095	21039	2.59%	0.352%
21	20.752	1736	1738	1741	rBV	35482	43048	5.30%	0.721%
22	21.072	1764	1766	1772	rBV	296702	344932	42.45%	5.774%
23	21.472	1799	1801	1803	rVB	35694	40179	4.94%	0.673%
24	21.849	1831	1834	1837	rBV	37680	44943	5.53%	0.752%
25	22.215	1864	1866	1869	rVB	29947	43642	5.37%	0.731%
26	22.580	1895	1898	1901	rBV	31223	36488	4.49%	0.611%
27	22.706	1906	1909	1915	rBV	222941	275790	33.94%	4.616%
28	22.935	1926	1929	1931	rBV	27488	34280	4.22%	0.574%
29	23.289	1956	1960	1964	rBV	18935	34029	4.19%	0.570%
30	23.632	1987	1990	1994	rBV	15375	22764	2.80%	0.381%
31	23.998	2019	2022	2028	rVB	10279	19919	2.45%	0.333%
32	24.420	2056	2059	2062	rBV2	4100	9842	1.21%	0.165%

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

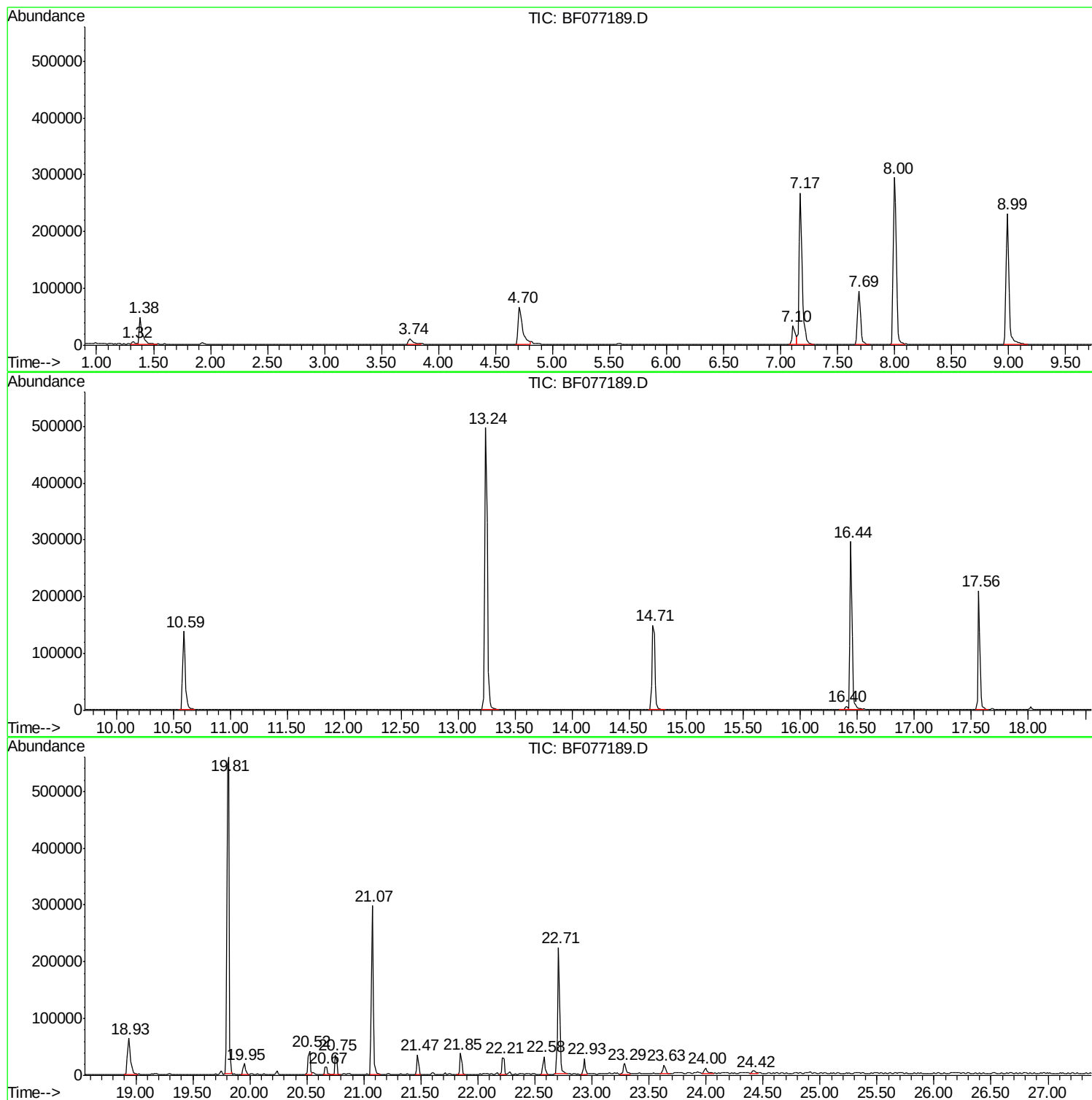
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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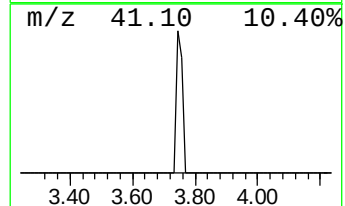
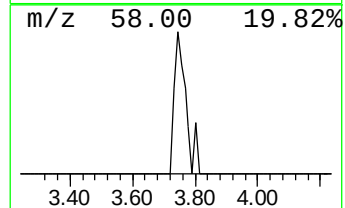
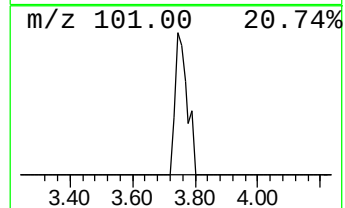
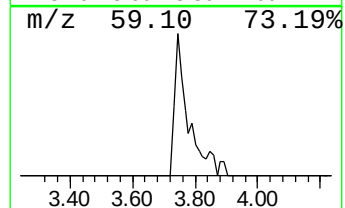
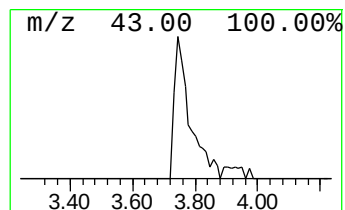
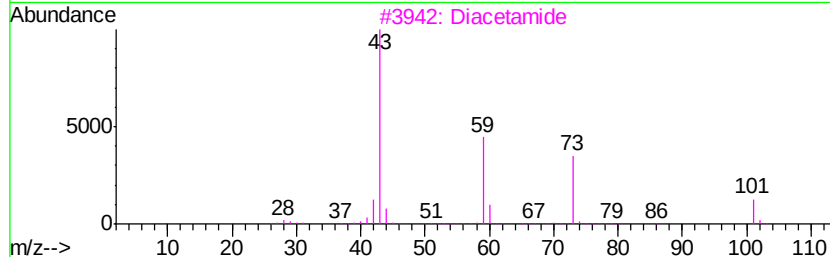
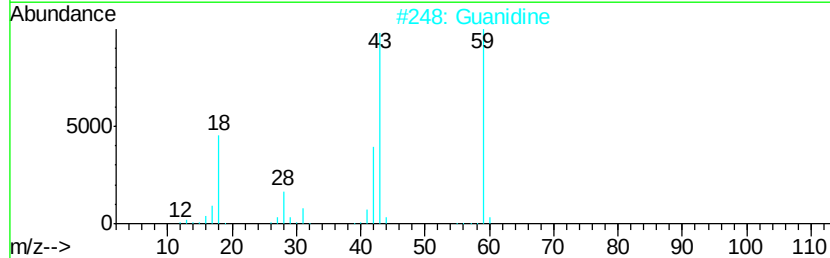
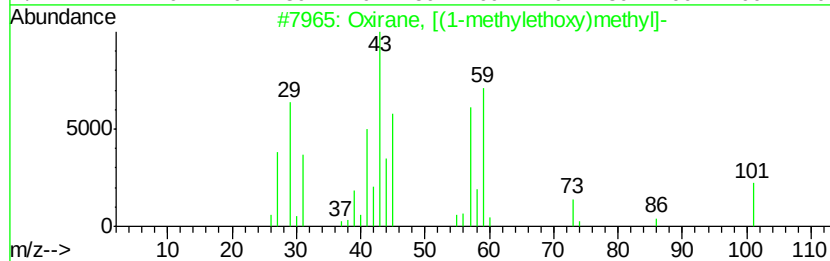
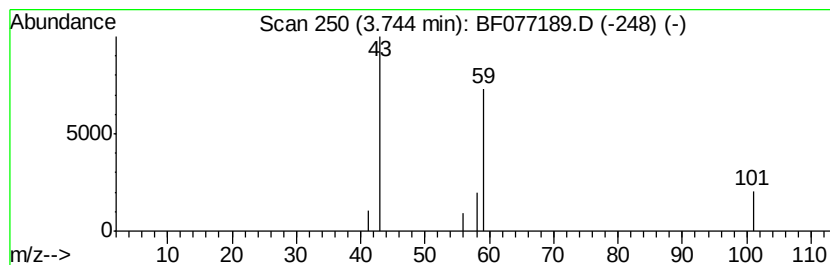
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	3.65 ng	31338	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2		Guanidine	59	CH5N3	000113-00-8	5
3		Diacetamide	101	C4H7NO2	000625-77-4	5
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	4
5		Propylamine	59	C3H9N	000107-10-8	4



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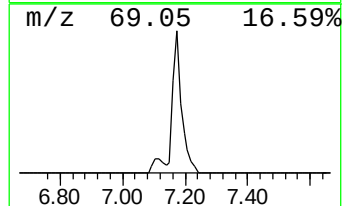
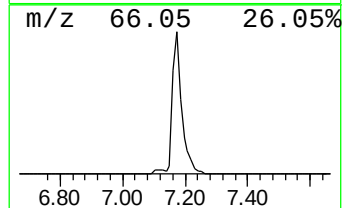
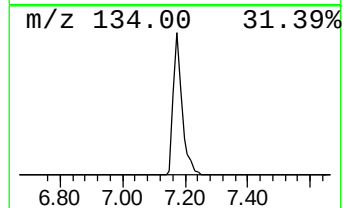
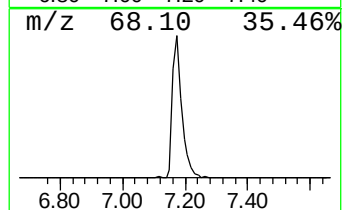
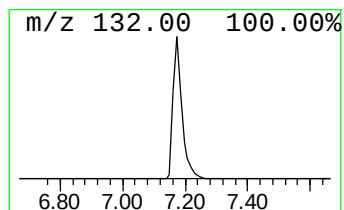
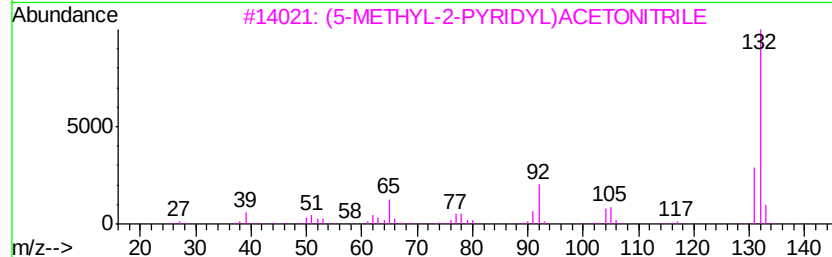
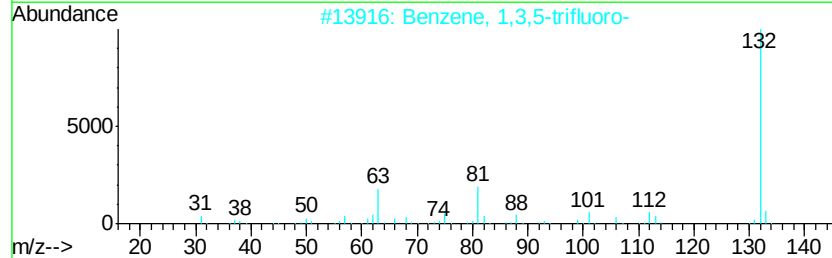
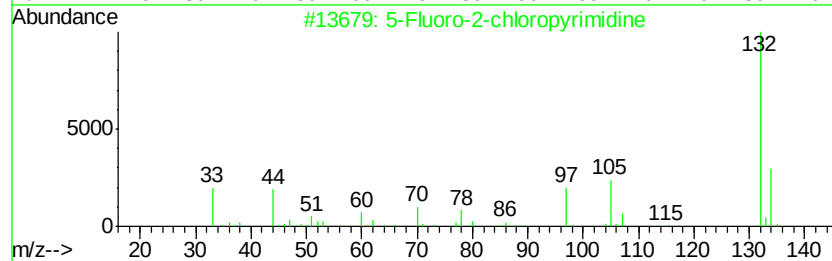
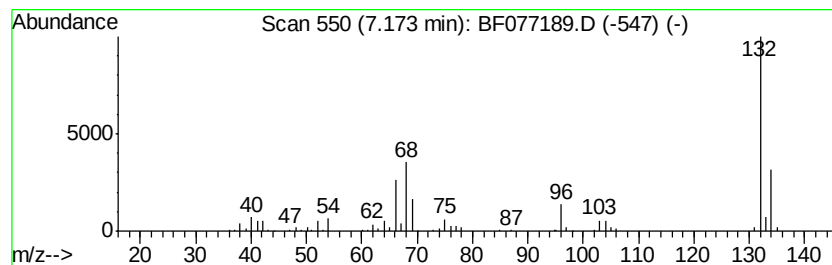
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	60.38 ng	519039	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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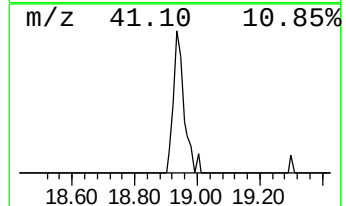
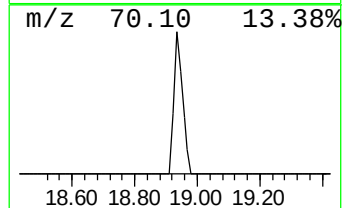
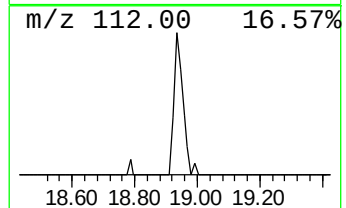
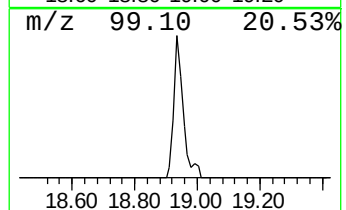
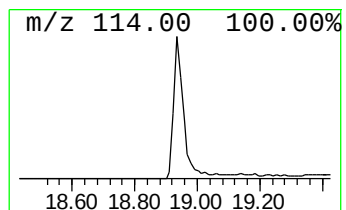
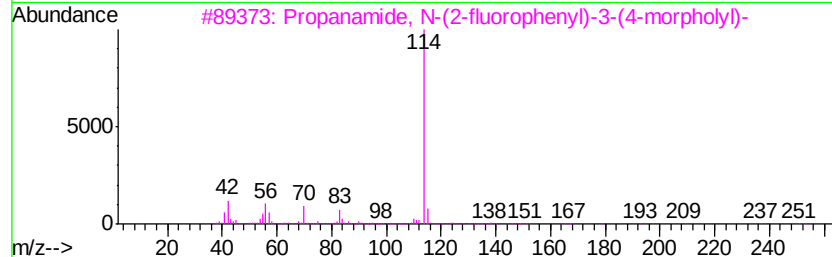
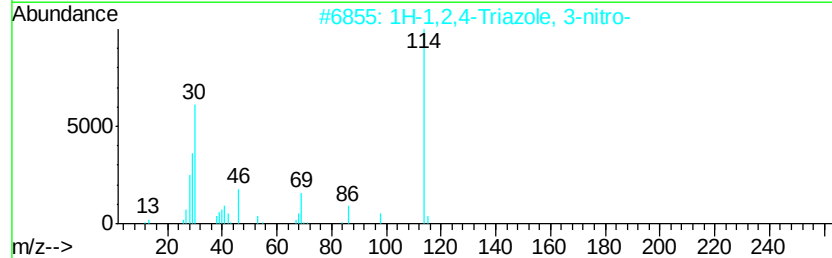
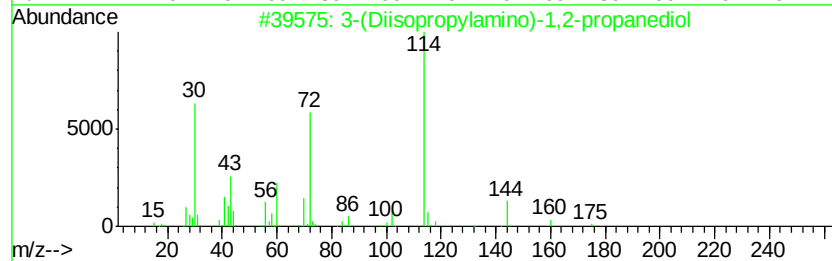
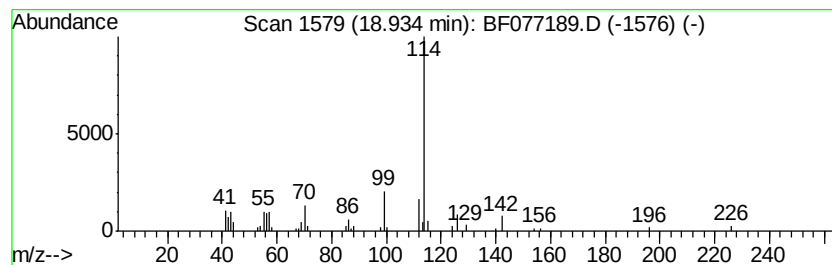
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-(Diisopropylamino)-1,2-pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.93	9.22 ng	125109	Phenanthrene-d10		17.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-(Diisopropylamino)-1,2-propane...	175	C9H21N02	085721-30-8	50
2		1H-1,2,4-Triazole, 3-nitro-	114	C2H2N4O2	024807-55-4	43
3		Propanamide, N-(2-fluorophenyl)-...	252	C13H17FN2O2	284679-89-6	40
4		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	37
5		1-[[2-[Butylamino]butyl]imino]-7...	517	C27H30Cl3N3O	144155-60-2	37



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Instrument :
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ClientSampleId :
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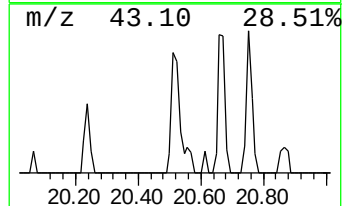
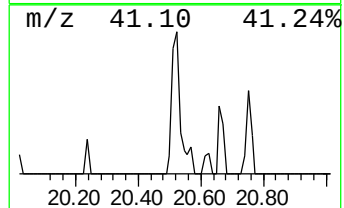
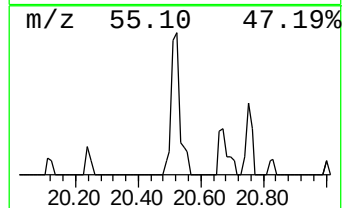
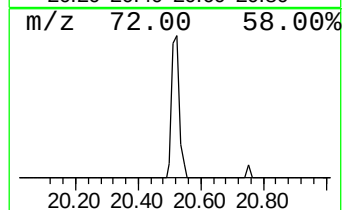
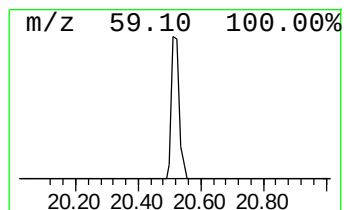
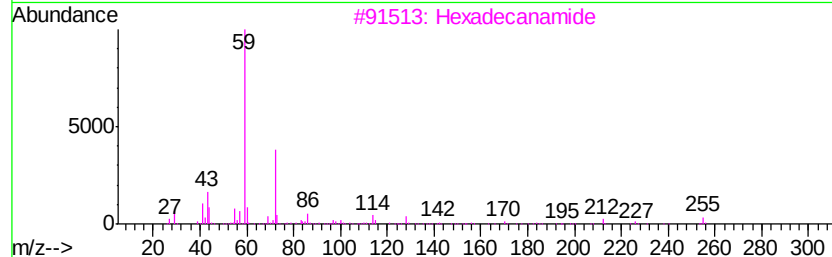
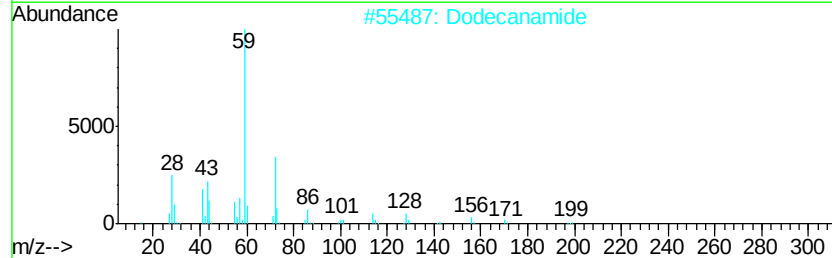
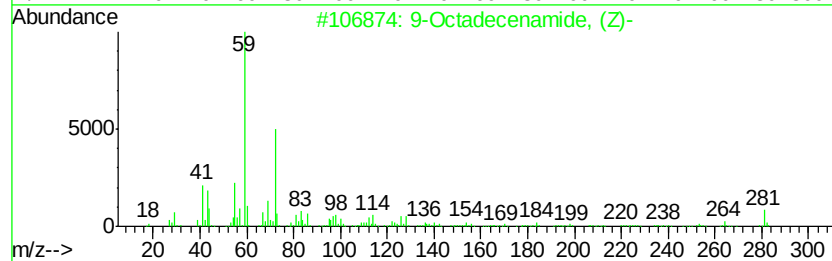
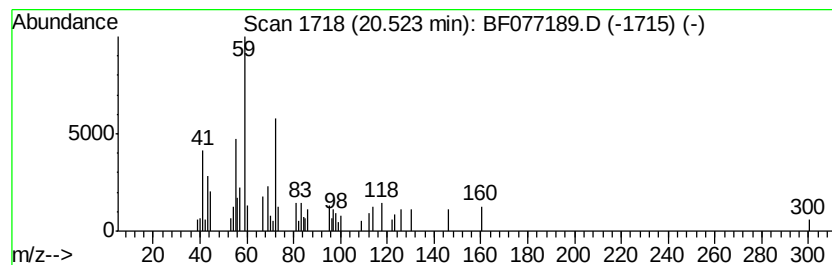
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	3.36 ng	57868	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
2		Dodecanamide	199	C12H25NO	001120-16-7	50
3		Hexadecanamide	255	C16H33NO	000629-54-9	50
4		Octadecanamide	283	C18H37NO	000124-26-5	50
5		Tetradecanamide	227	C14H29NO	000638-58-4	50



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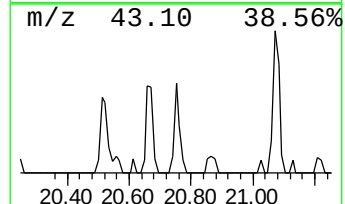
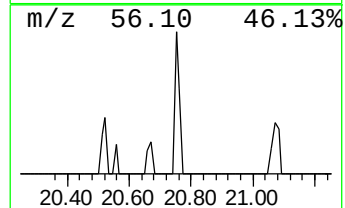
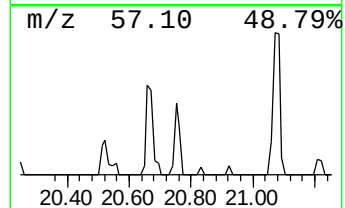
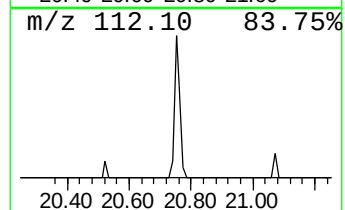
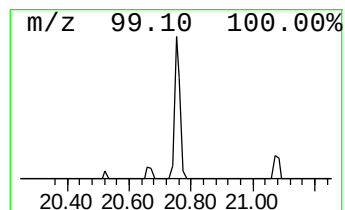
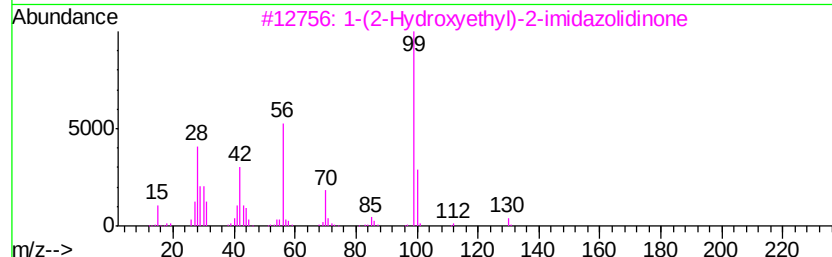
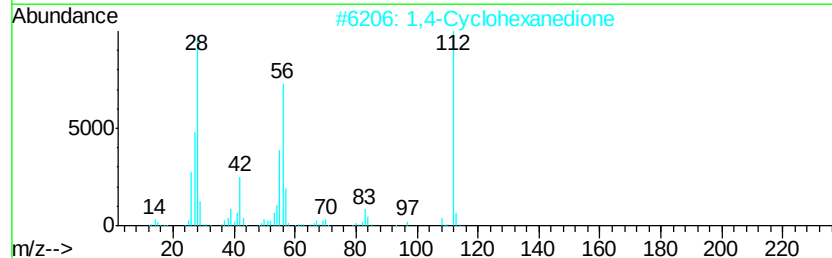
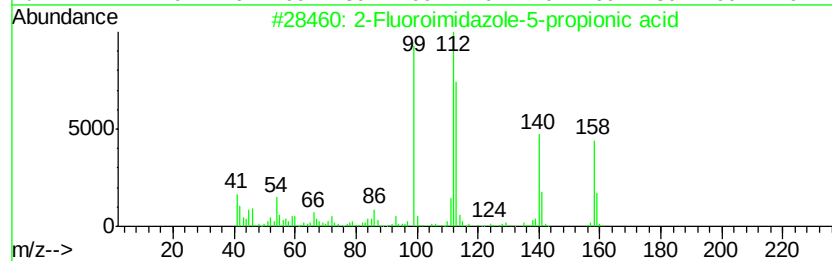
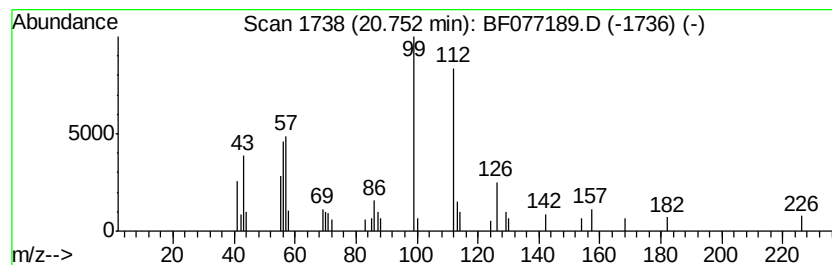
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown20.75 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.50 ng	43048	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Fluoroimidazole-5-propionic acid	158	C6H7FN2O2	1000129-49-7	40
2		1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	38
3		1-(2-Hydroxyethyl)-2-imidazolidi...	130	C5H10N2O2	003699-54-5	35
4		3'-Oxaspiro[1,3-dioxolane-2.8'-t...	182	C10H14O3	1000150-55-1	27
5		2-METHYLPENTYL HEXANOATE	200	C12H24O2	1000236-38-5	25



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ALS Vial : 7 Sample Multiplier: 1

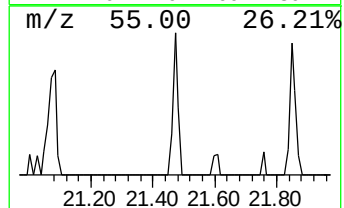
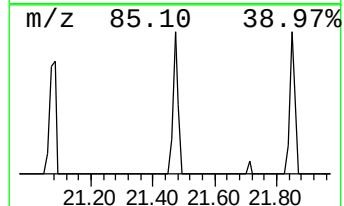
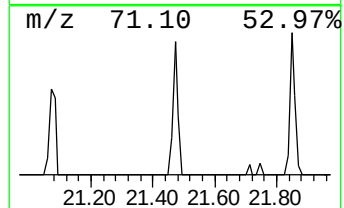
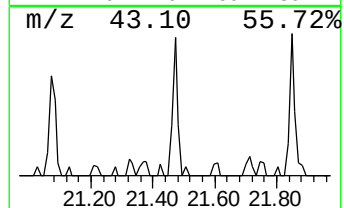
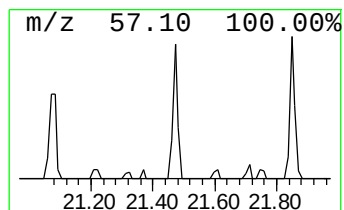
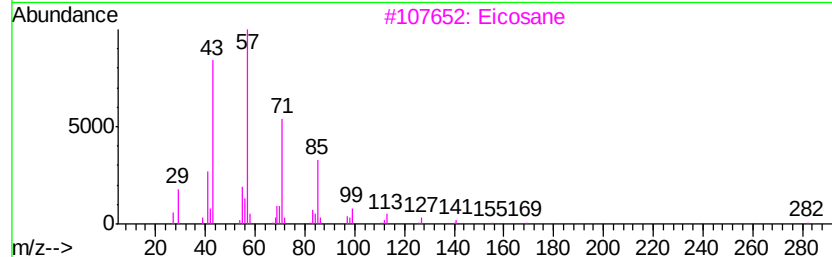
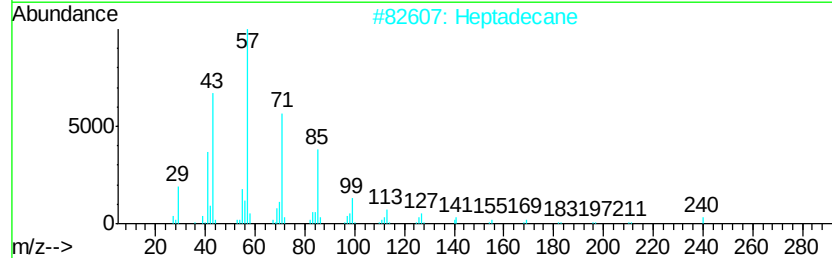
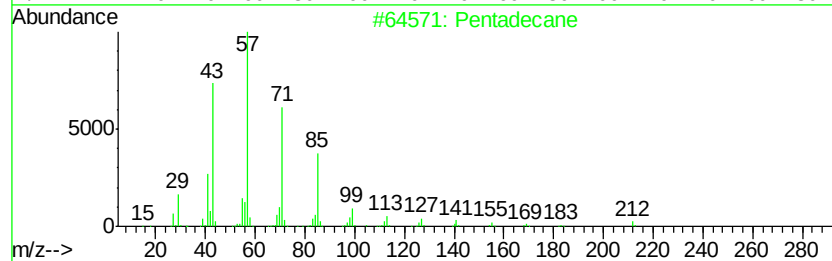
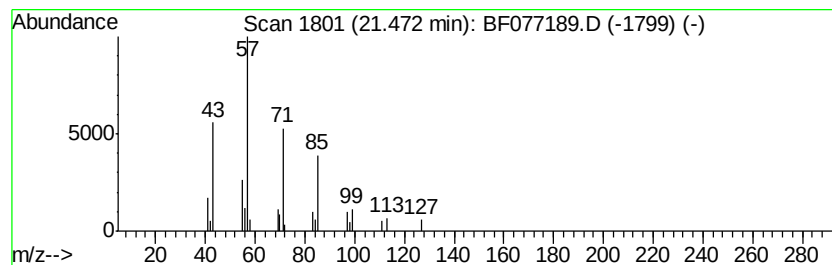
Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.33 ng	40179	Chrysene-d12	21.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	86
2	Heptadecane	240 C17H36	000629-78-7	78
3	Eicosane	282 C20H42	000112-95-8	78
4	Hexadecane	226 C16H34	000544-76-3	78
5	Tridecane	184 C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

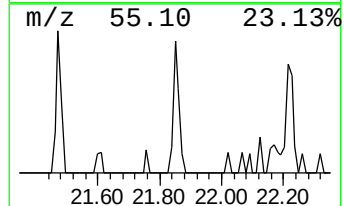
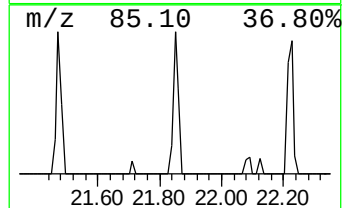
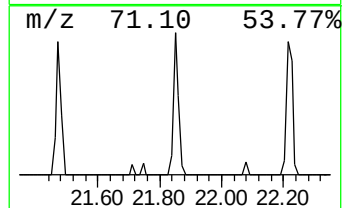
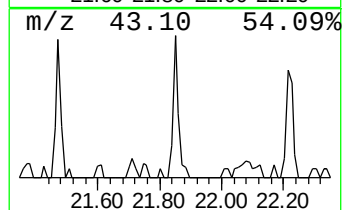
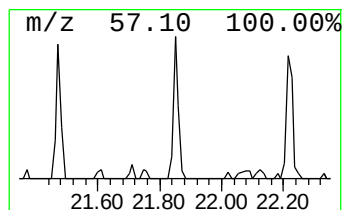
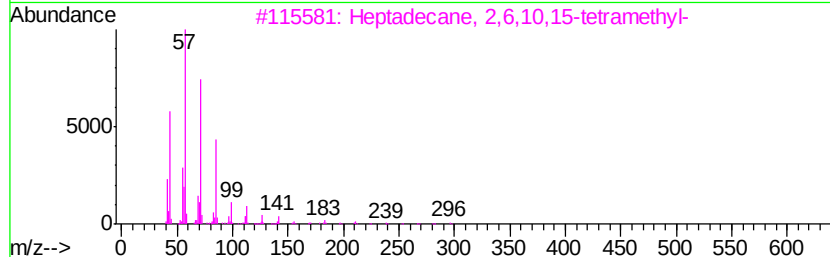
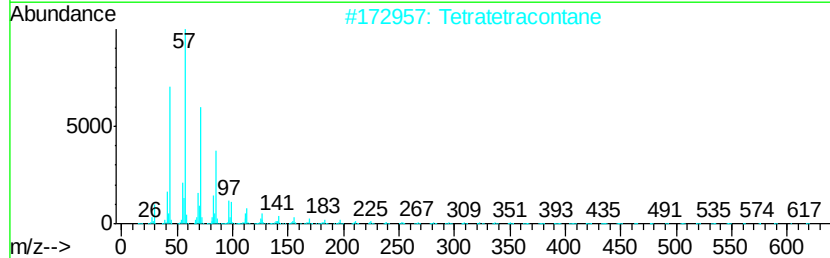
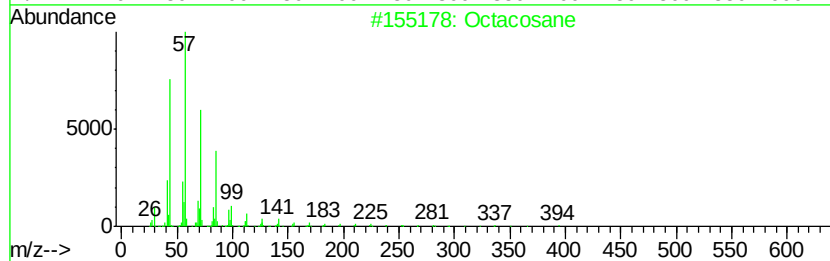
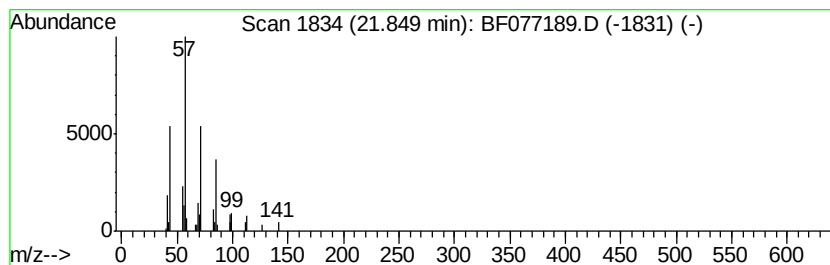
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.61 ng	44943	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Eicosane		282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

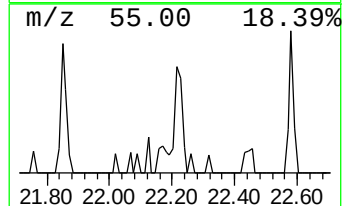
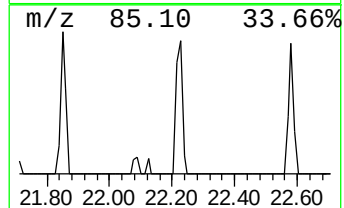
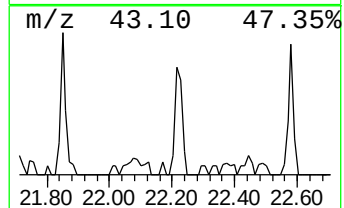
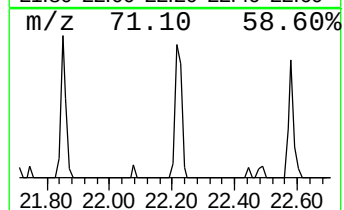
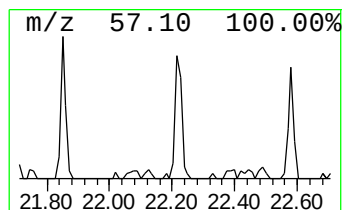
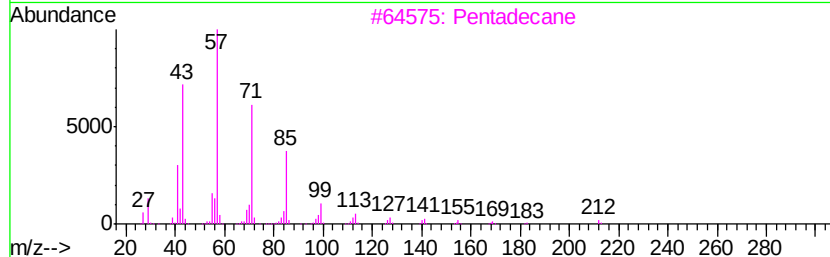
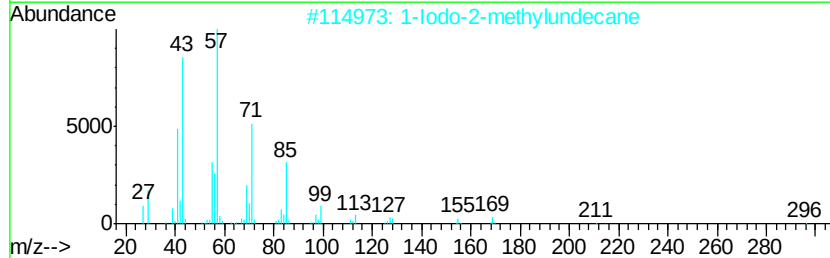
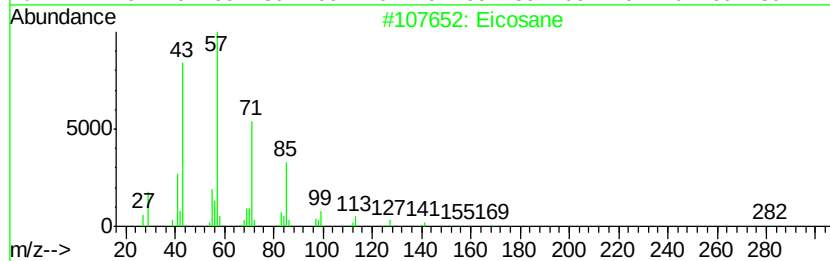
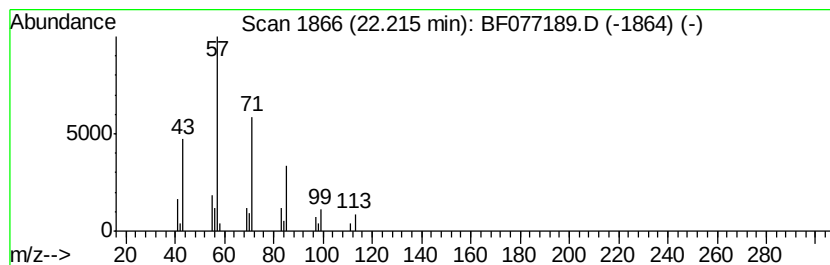
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.16 ng	43642	Perylene-d12	22.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
3		Pentadecane	212	C15H32	000629-62-9	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

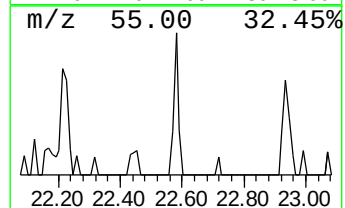
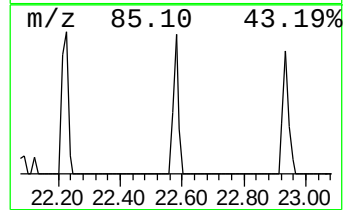
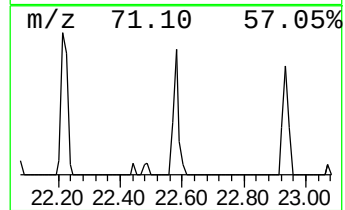
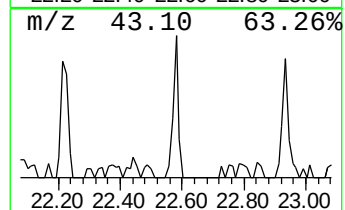
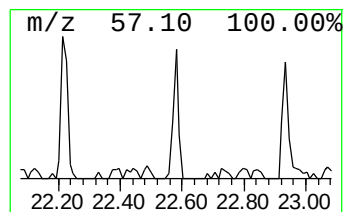
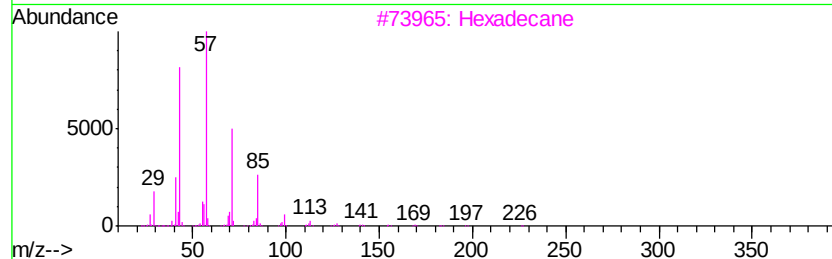
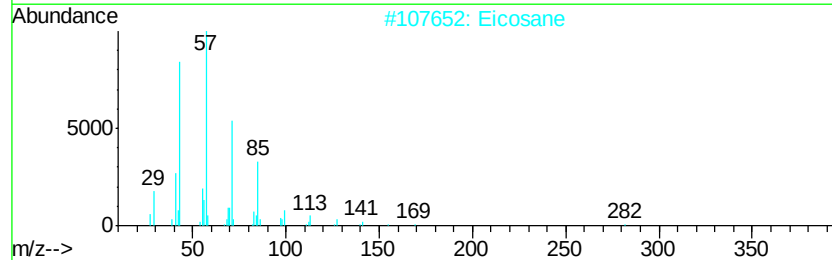
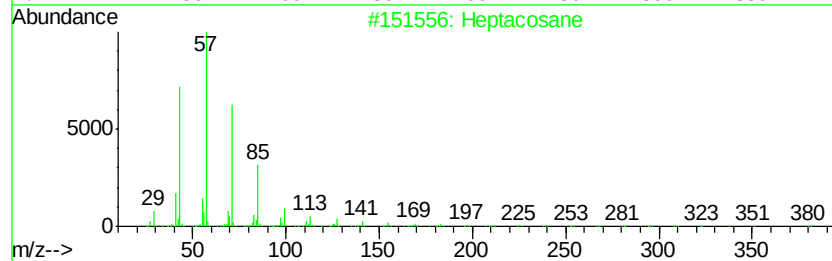
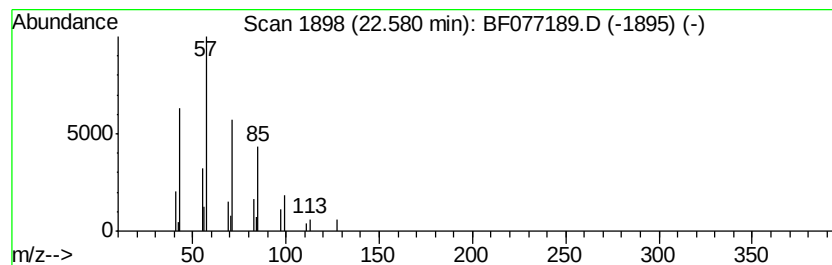
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.65 ng	36488	Perylene-d12	22.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	78
2		Eicosane	282	C20H42	000112-95-8	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Heptadecane	240	C17H36	000629-78-7	72
5		Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

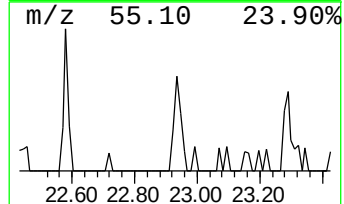
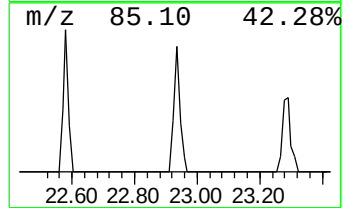
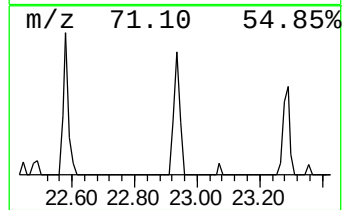
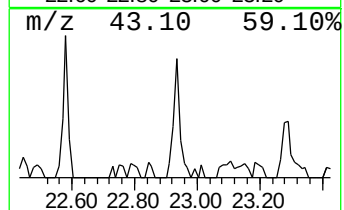
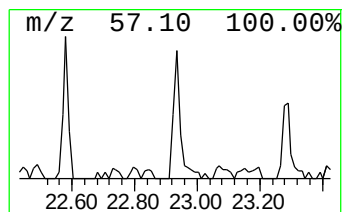
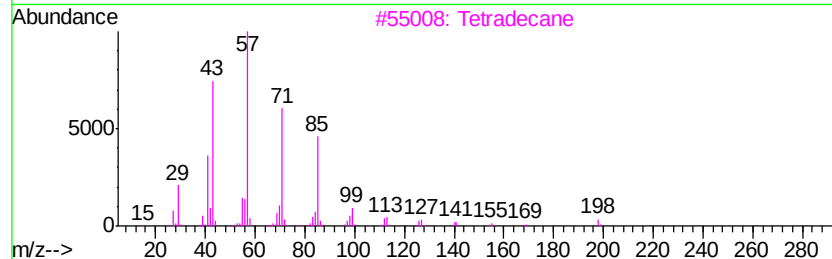
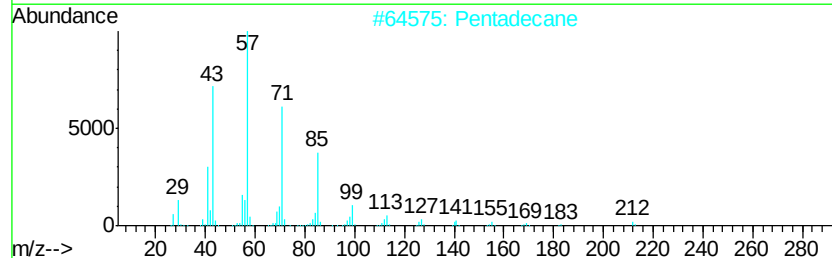
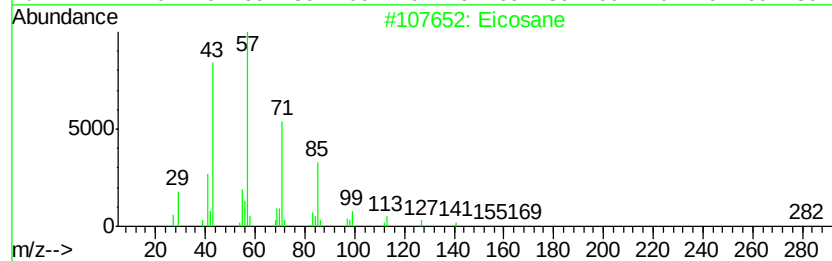
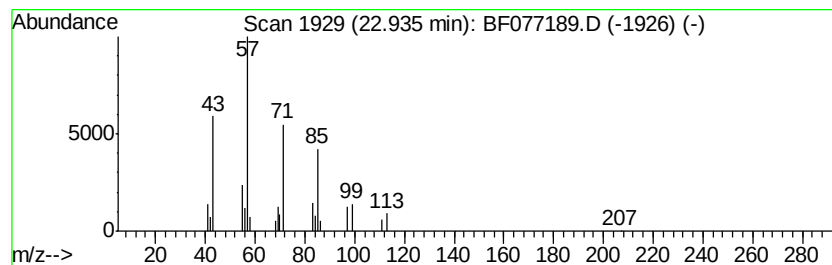
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.49 ng	34280	Perylene-d12	22.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	78
2	Pentadecane	212 C15H32	000629-62-9	64
3	Tetradecane	198 C14H30	000629-59-4	59
4	Tridecane	184 C13H28	000629-50-5	59
5	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

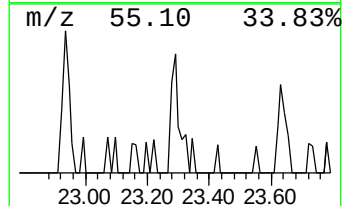
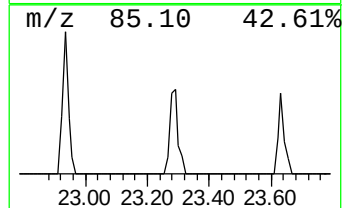
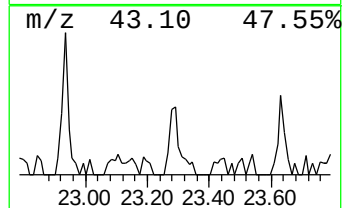
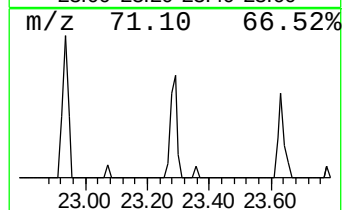
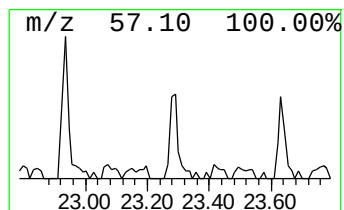
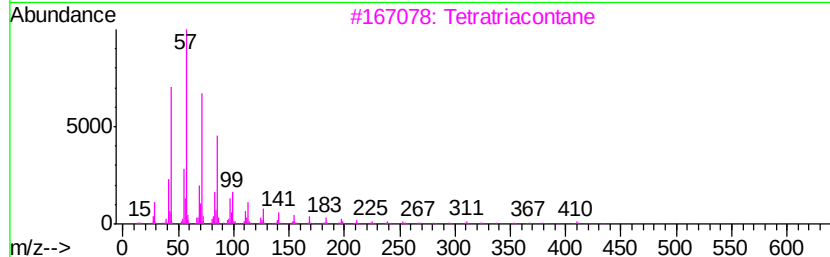
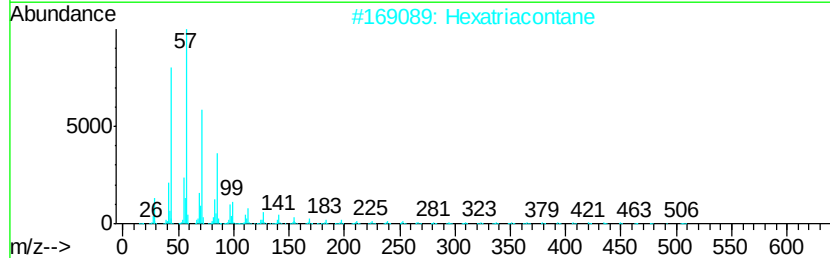
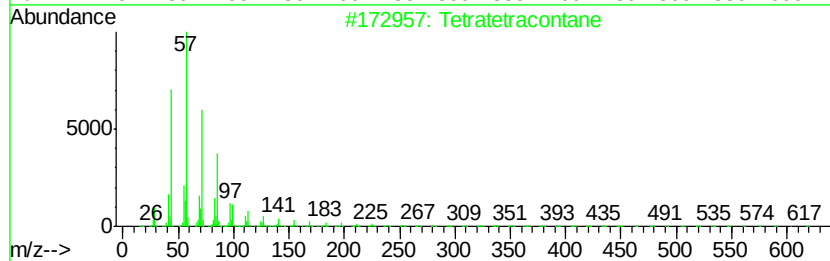
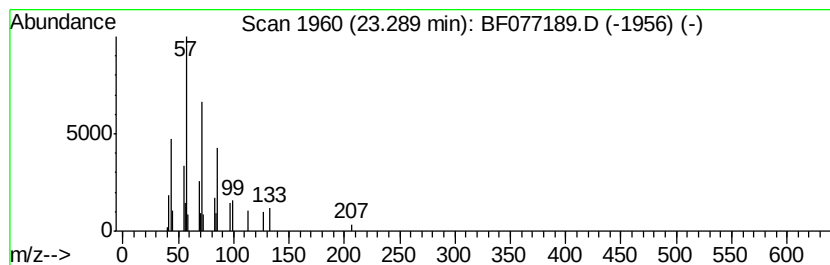
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.47 ng	34029	Perylene-d12	22.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	86
2		Hexatriacontane	507	C36H74	000630-06-8	86
3		Tetratriacontane	479	C34H70	014167-59-0	86
4		Tritetracontane	605	C43H88	007098-21-7	80
5		Pentacosane	352	C25H52	000629-99-2	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
Data File : BF077189.D
Acq On : 5 Feb 2015 17:40
Operator : TP/IZ
Sample : G1215-03
Misc : W/DOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-RB02-2315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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unknown7.17	7.17	60.4	ng	519039	1	7.69	171923	20.0
3-(Diisopropylami...	18.93	9.2	ng	125109	4	17.56	271314	20.0
9-Octadecenamide, ...	20.52	3.4	ng	57868	5	21.07	344932	20.0
unknown20.75	20.75	2.5	ng	43048	5	21.07	344932	20.0
Pentadecane	21.47	2.3	ng	40179	5	21.07	344932	20.0
Octacosane	21.85	2.6	ng	44943	5	21.07	344932	20.0
Eicosane	22.21	3.2	ng	43642	6	22.71	275790	20.0
Heptacosane	22.58	2.6	ng	36488	6	22.71	275790	20.0
Tetradecane	22.93	2.5	ng	34280	6	22.71	275790	20.0
Tetratetracontane	23.29	2.5	ng	34029	6	22.71	275790	20.0