

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082715.D
 Acq On : 4 Nov 2015 22:08
 Operator : UM/IZ
 Sample : G4241-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13(18-20)

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-BF103015.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	5.058	256	260	267	rVB	1873131	2948669	42.91%	4.796%
2	5.470	293	296	299	rBV	4294169	5459889	79.46%	8.880%
3	6.499	382	386	388	rBV	5089916	5646759	82.17%	9.184%
4	6.636	395	398	400	rBV	5764784	6403354	93.18%	10.415%
5	6.864	415	418	420	rBV	1221536	1117112	16.26%	1.817%
6	7.024	429	432	434	rVB	4397137	4648829	67.65%	7.561%
7	7.424	464	467	469	rBV	3319949	3603483	52.44%	5.861%
8	8.144	528	530	533	rVB	1379382	1364815	19.86%	2.220%
9	9.105	611	614	616	rBV	104152	92591	1.35%	0.151%
10	9.230	622	625	627	rBV	6920113	6790240	98.81%	11.044%
11	9.619	657	659	661	rBV	1321005	1094169	15.92%	1.780%
12	9.847	677	679	681	rVB	91929	71061	1.03%	0.116%
13	9.905	681	684	686	rBV	1886022	1772364	25.79%	2.883%
14	10.316	715	720	722	rBV	93609	168248	2.45%	0.274%
15	10.350	722	723	724	rVB	130060	90421	1.32%	0.147%
16	10.568	739	742	745	rBV	96518	120114	1.75%	0.195%
17	10.693	750	753	755	rVV	4567064	4857021	70.68%	7.900%
18	10.819	762	764	769	rVB	230640	328593	4.78%	0.534%
19	11.265	801	803	805	rBV	219098	208866	3.04%	0.340%
20	11.299	805	806	808	rVB	107750	86194	1.25%	0.140%
21	11.379	811	813	816	rVV2	1441246	1594163	23.20%	2.593%
22	11.688	838	840	843	rVB	131790	170868	2.49%	0.278%
23	11.859	852	855	859	rBV5	23607	79856	1.16%	0.130%
24	11.928	859	861	863	rBV	482086	545661	7.94%	0.887%
25	12.099	874	876	878	rVB	169433	134882	1.96%	0.219%
26	12.488	908	910	912	rVB	148188	118786	1.73%	0.193%
27	12.705	927	929	936	rBV	147890	190014	2.77%	0.309%
28	12.865	941	943	946	rVB	96771	123458	1.80%	0.201%
29	12.979	950	953	955	rBV	6440197	6871670	100.00%	11.177%
30	13.219	972	974	976	rVB	105265	109324	1.59%	0.178%
31	13.459	989	995	997	rBV	348484	496242	7.22%	0.807%
32	13.562	1002	1004	1006	rVB	89017	99765	1.45%	0.162%
33	13.871	1029	1031	1037	rBV3	374346	589559	8.58%	0.959%
34	14.019	1041	1044	1046	rBV	1819998	1691979	24.62%	2.752%

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SB-13(18-20)

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-BF103015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.202	1058	1060	1066	rVB	138309	154467	2.25%	0.251%
36	14.511	1085	1087	1089	rBV	127856	138477	2.02%	0.225%
37	14.808	1111	1113	1116	rVB	102512	105143	1.53%	0.171%
38	15.139	1140	1142	1145	rVB	78571	88784	1.29%	0.144%
39	15.448	1166	1169	1172	rBV	965237	1163554	16.93%	1.892%
40	15.928	1208	1211	1213	rBV	45398	71717	1.04%	0.117%
41	18.443	1428	1431	1439	rVB4	20385	71809	1.05%	0.117%

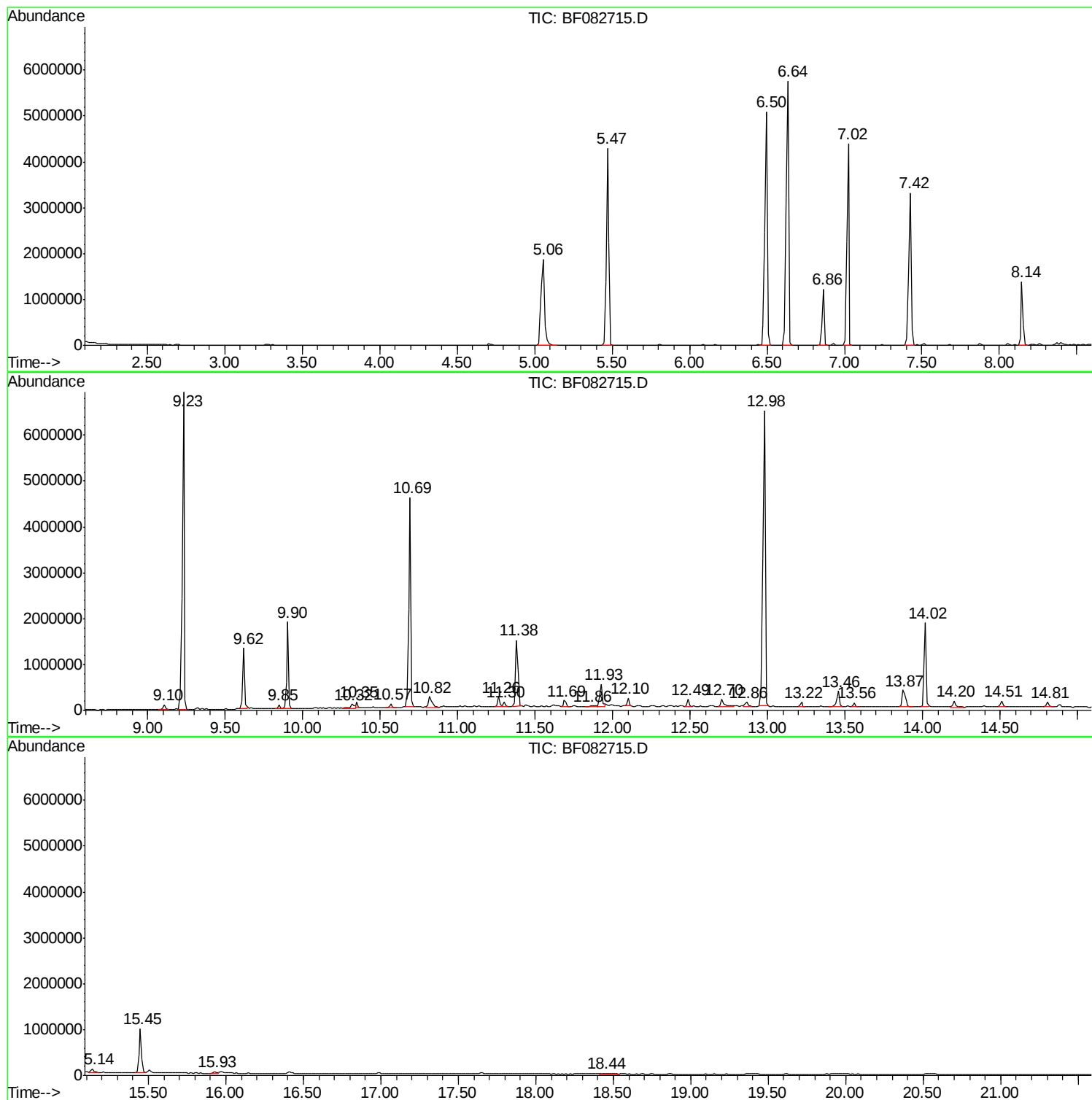
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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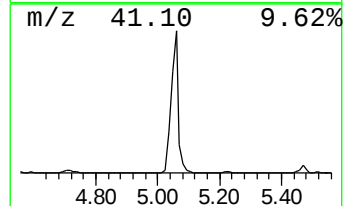
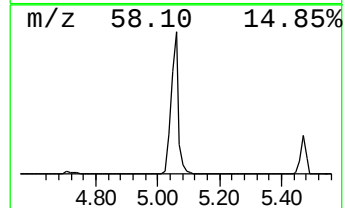
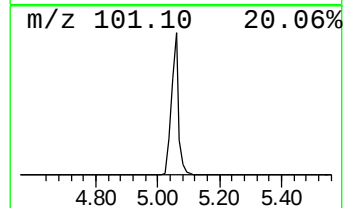
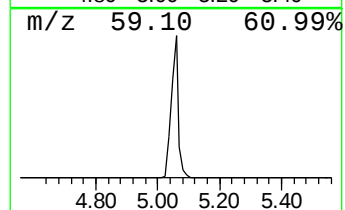
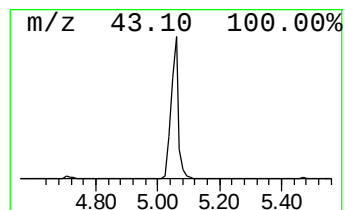
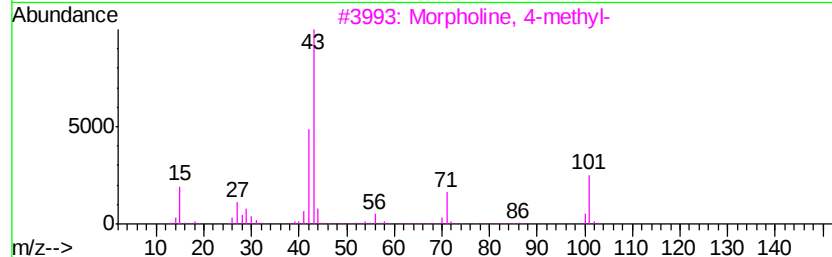
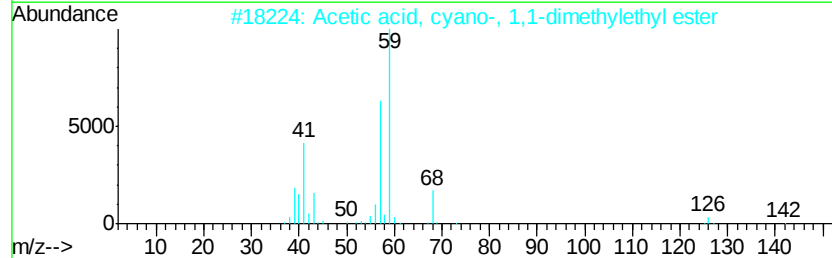
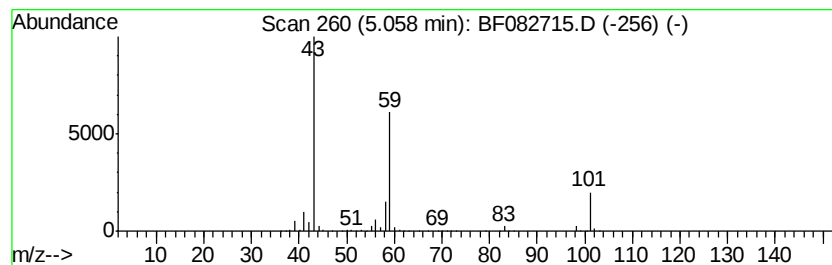
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	52.79 ng	2948670	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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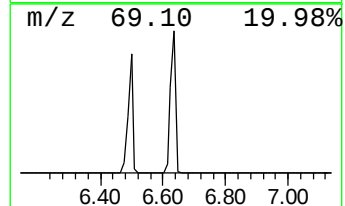
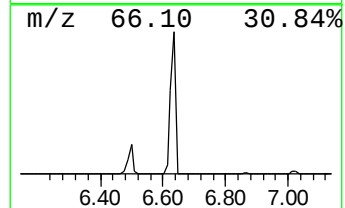
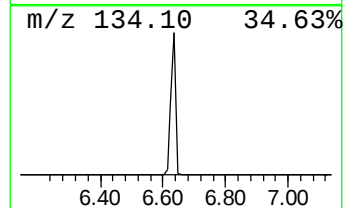
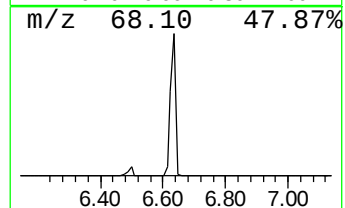
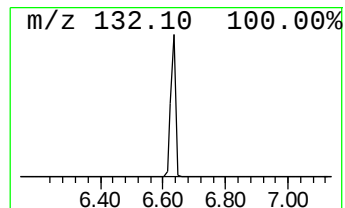
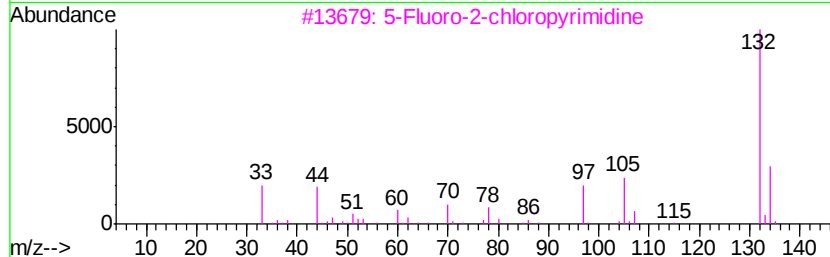
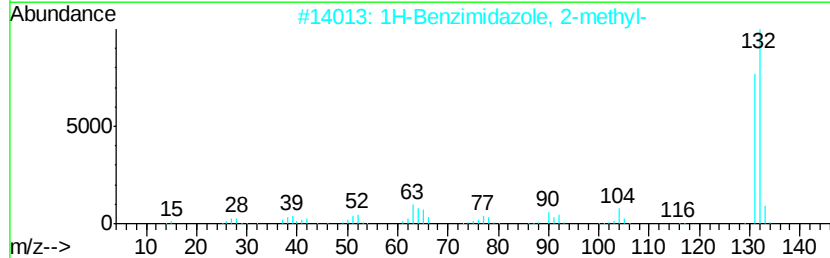
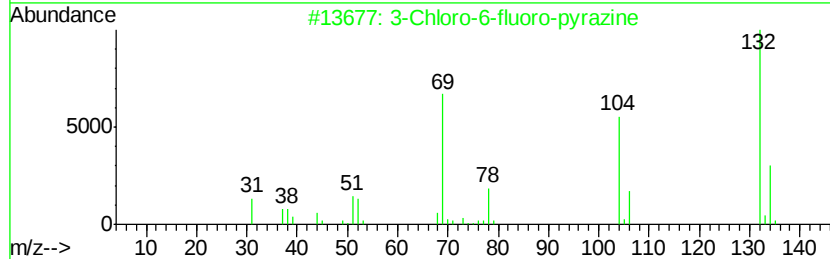
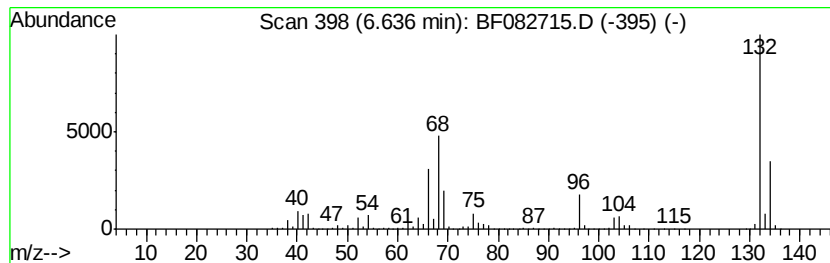
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Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	114.64 ng	6403350	1,4-Dichlorobenzene-d4	6.86

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	Tranylcypromine-propionyl		189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE		132	C8H8N2	1000241-93-9	10



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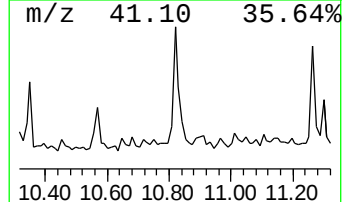
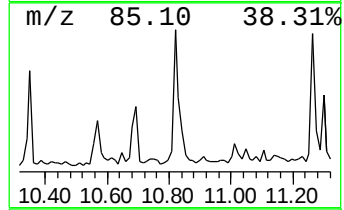
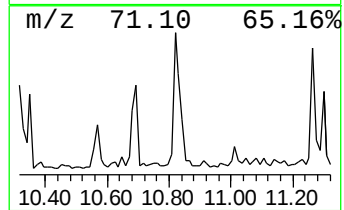
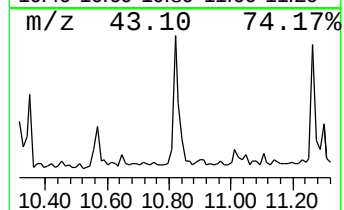
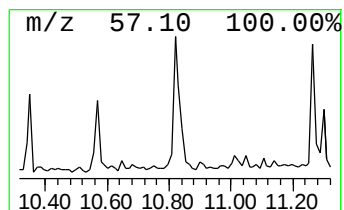
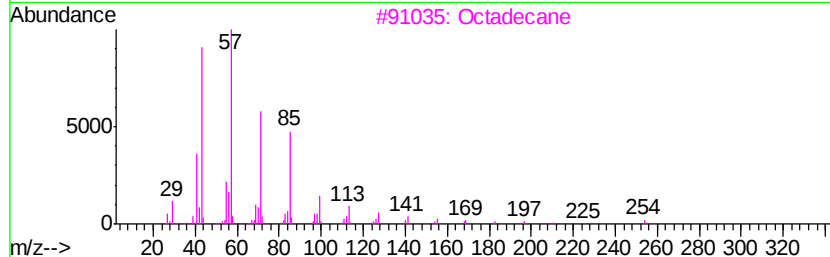
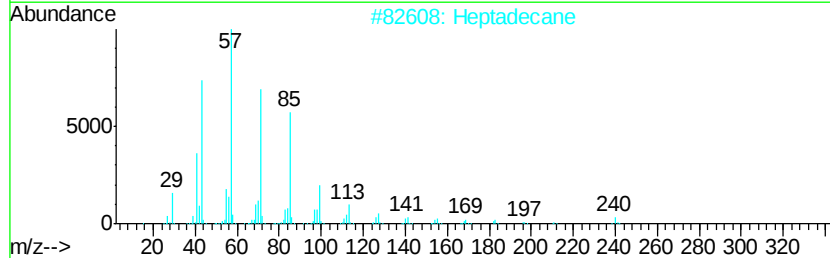
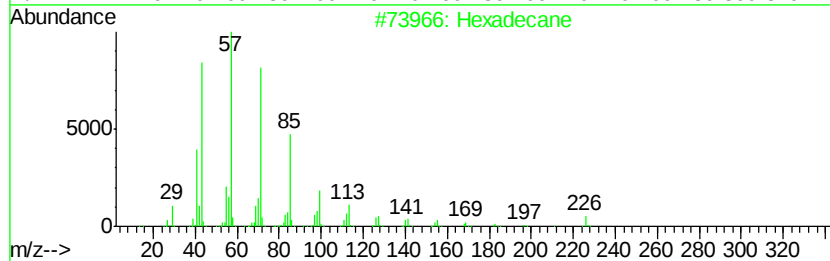
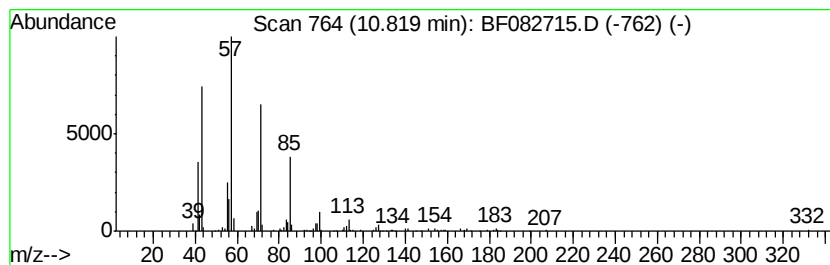
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.12 ng	328593	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heptadecane		240	C17H36	000629-78-7	90
3	Octadecane		254	C18H38	000593-45-3	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Eicosane		282	C20H42	000112-95-8	86



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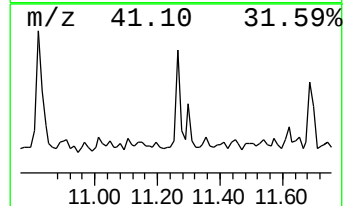
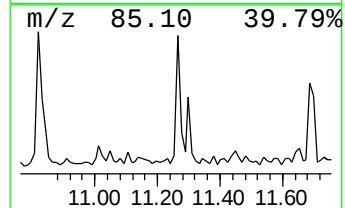
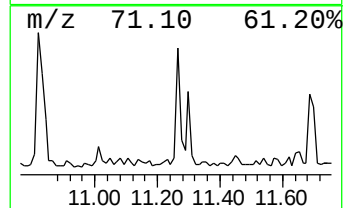
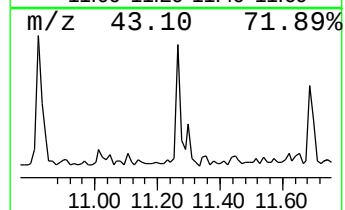
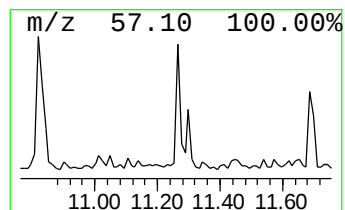
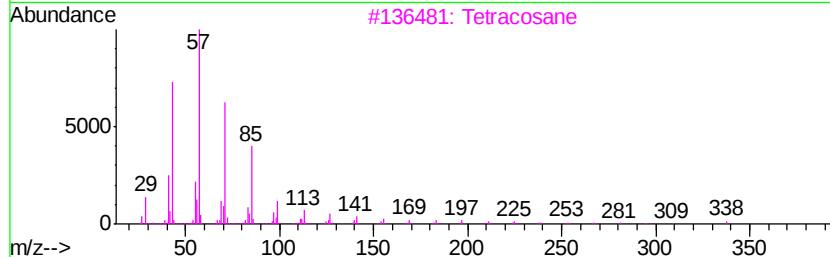
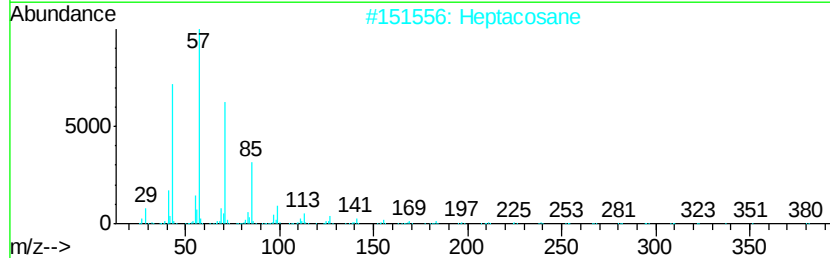
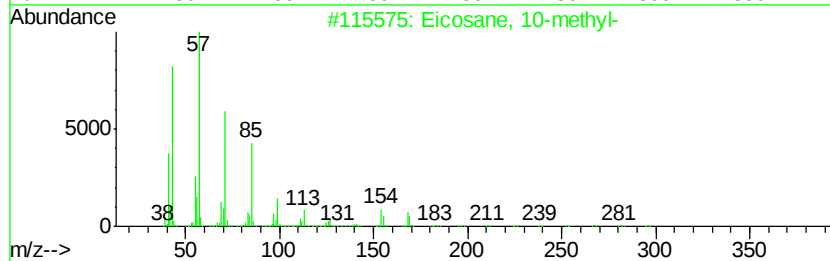
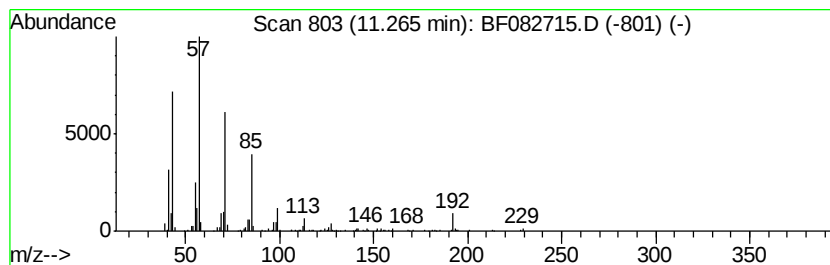
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.26	2.62 ng	208866	Phenanthrene-d10		11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-			296	C21H44	054833-23-7	87
2	Heptacosane			380	C27H56	000593-49-7	86
3	Tetracosane			338	C24H50	000646-31-1	86
4	Hexadecane			226	C16H34	000544-76-3	86
5	Eicosane			282	C20H42	000112-95-8	86



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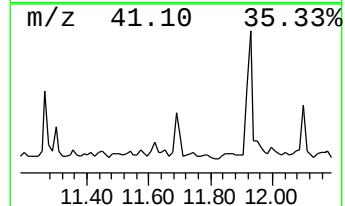
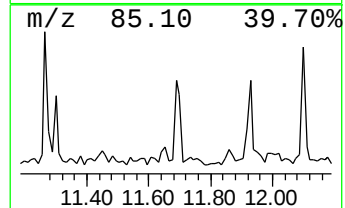
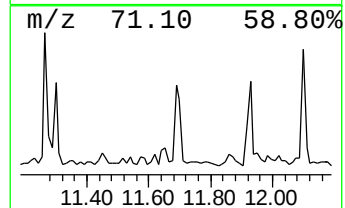
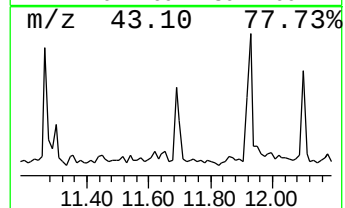
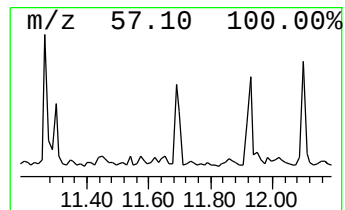
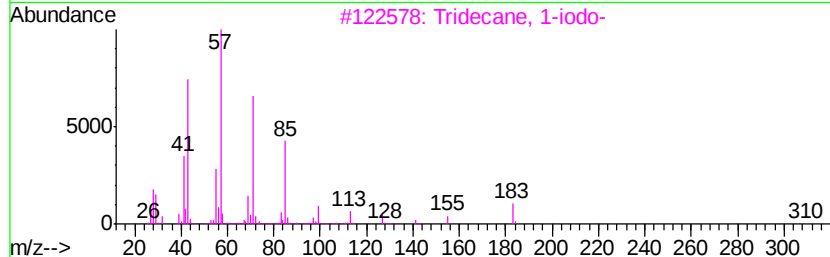
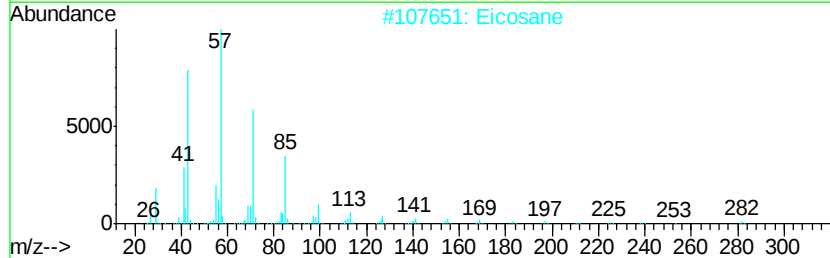
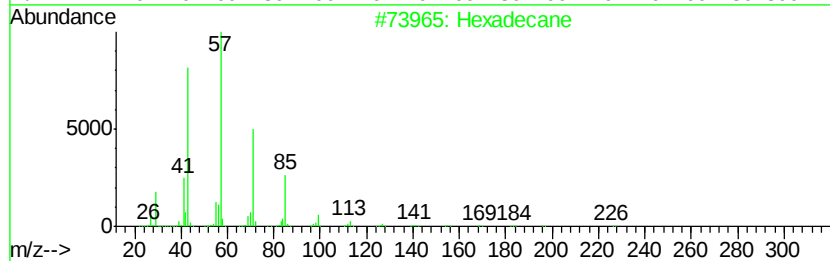
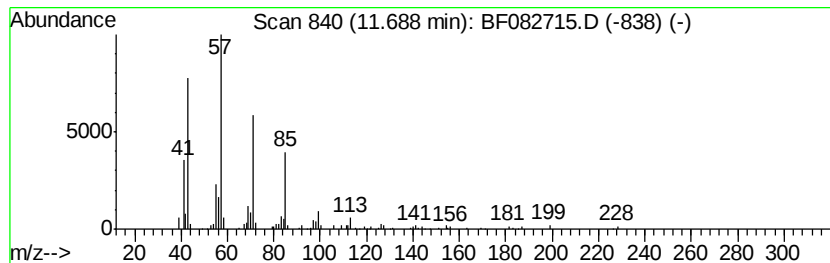
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.14 ng	170868	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Eicosane		282	C20H42	000112-95-8	90
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	83
5	Tetracosane		338	C24H50	000646-31-1	83



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Misc :
ALS Vial : 22 Sample Multiplier: 1

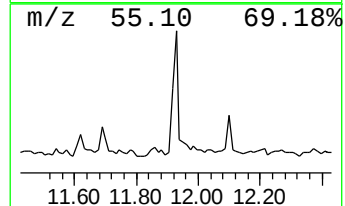
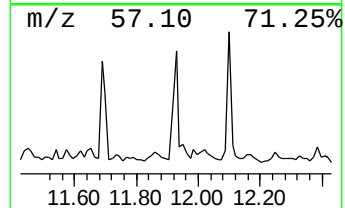
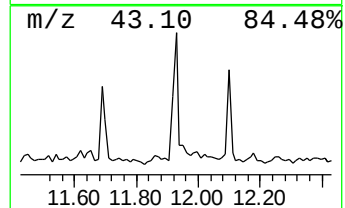
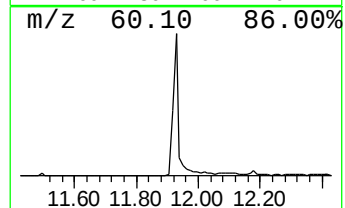
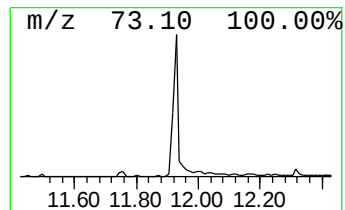
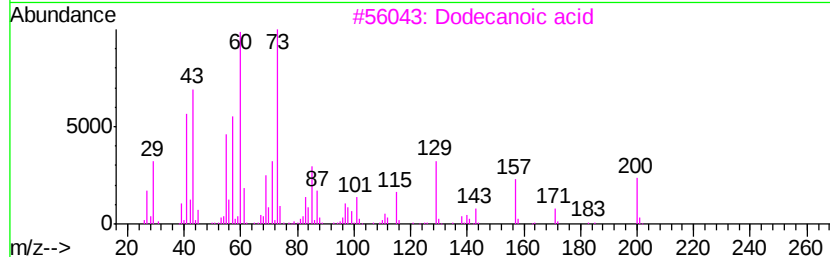
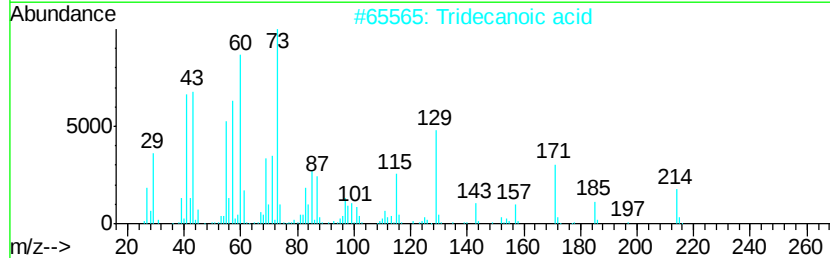
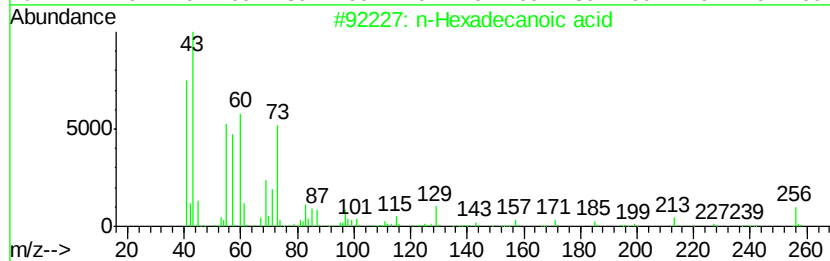
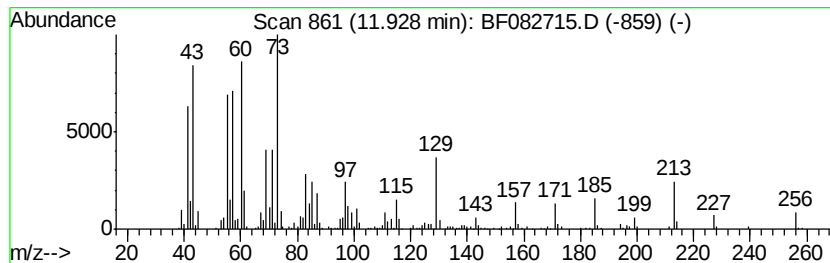
Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	6.85 ng	545661	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Dodecanoic acid	200	C12H24O2	000143-07-7	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082715.D
Acq On : 4 Nov 2015 22:08
Operator : UM/IZ
Sample : G4241-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

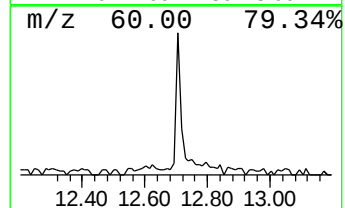
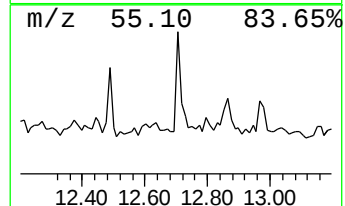
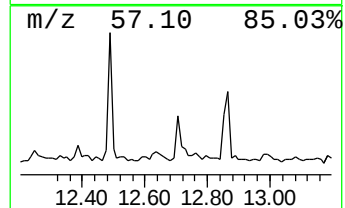
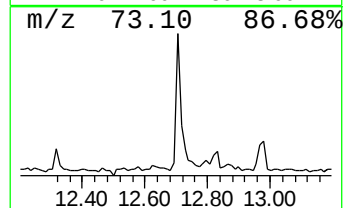
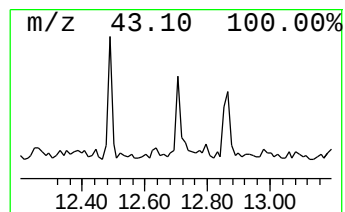
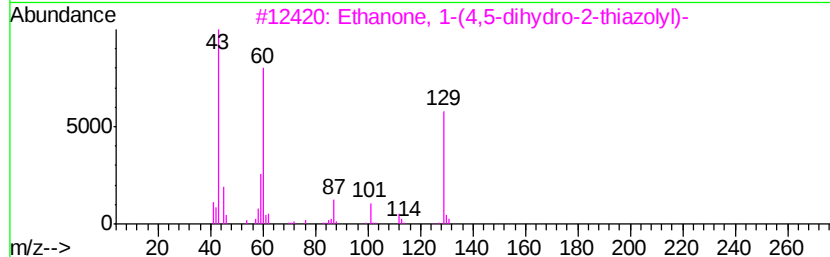
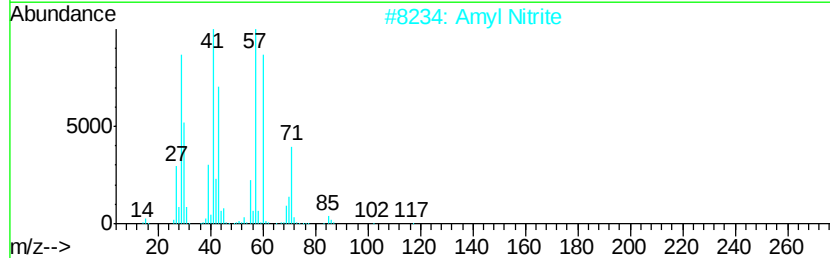
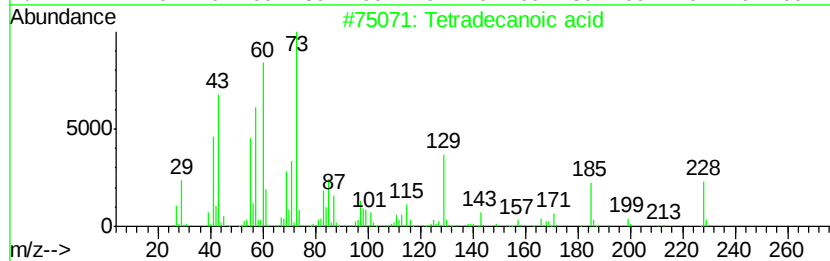
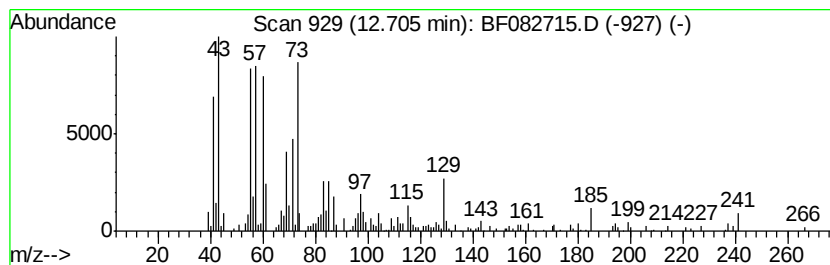
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.25 ng	190014	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
2		Amyl Nitrite	117	C5H11NO2	000110-46-3	43
3		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35
4		1,3,2-Oxathiaborole, 2-ethyl-	116	C4H9BOS	1000161-40-3	27
5		Undecane	156	C11H24	001120-21-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082715.D
Acq On : 4 Nov 2015 22:08
Operator : UM/IZ
Sample : G4241-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

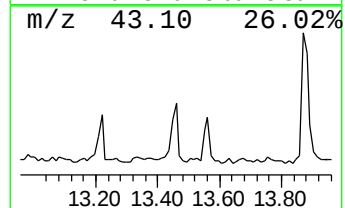
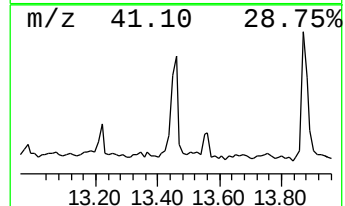
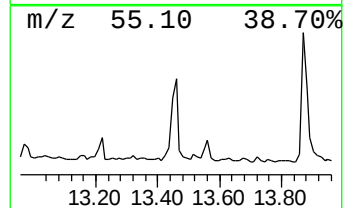
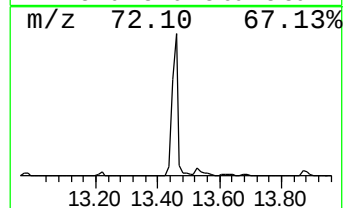
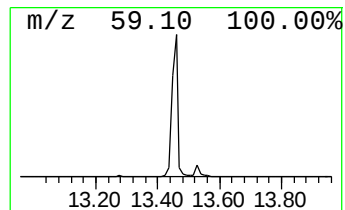
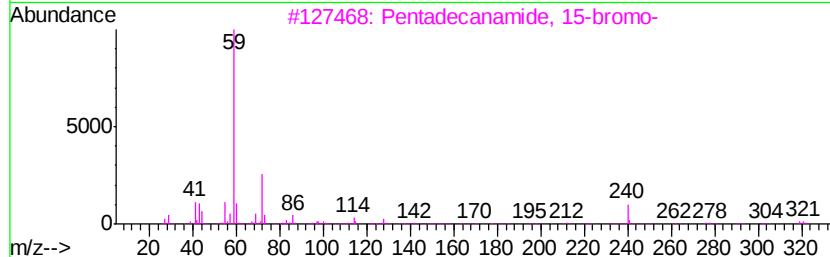
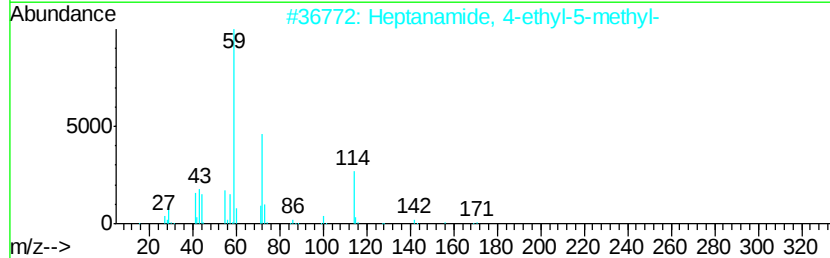
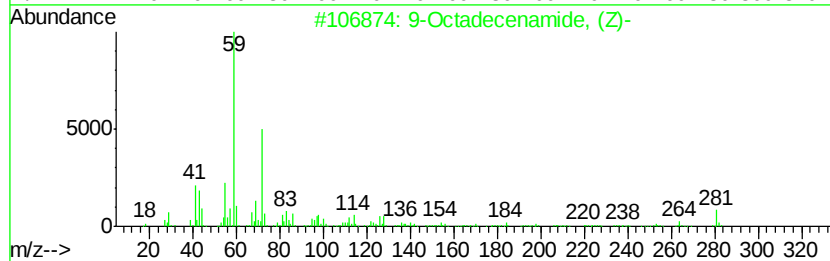
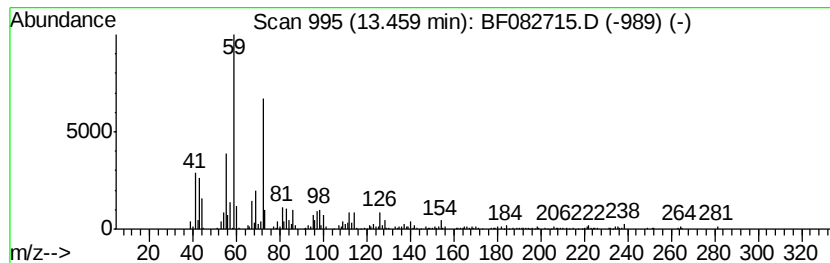
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	5.87 ng	496242	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
3		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4		2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43
5		1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
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Acq On : 4 Nov 2015 22:08
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Sample : G4241-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

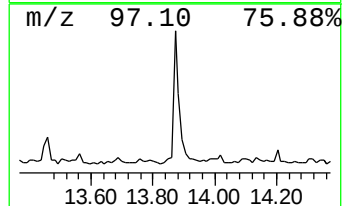
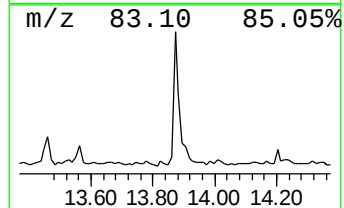
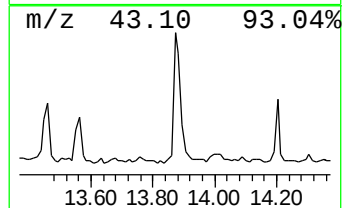
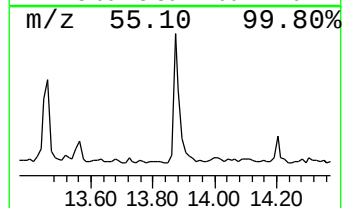
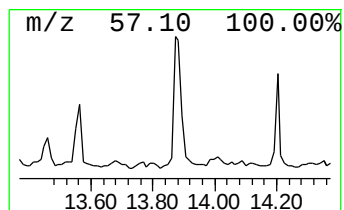
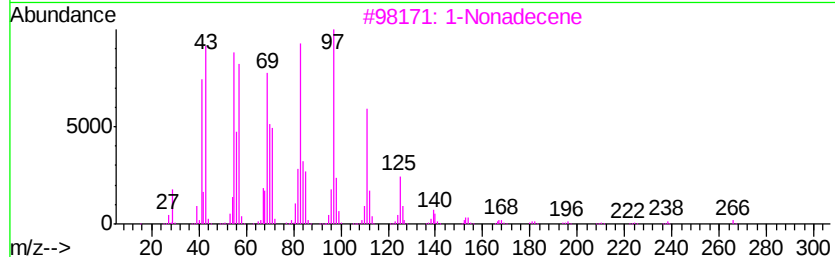
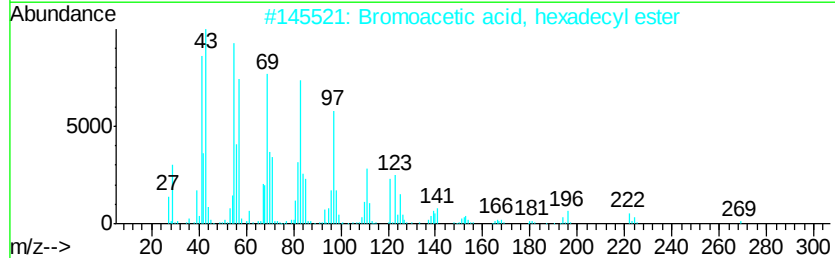
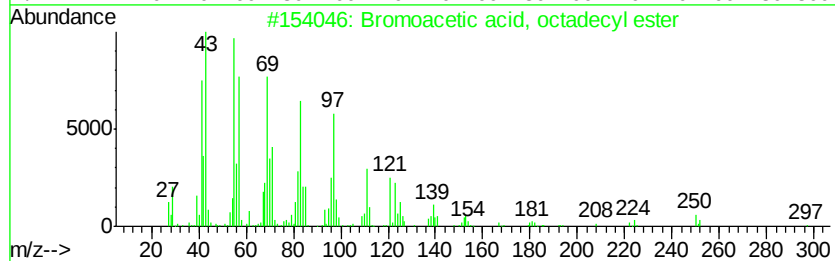
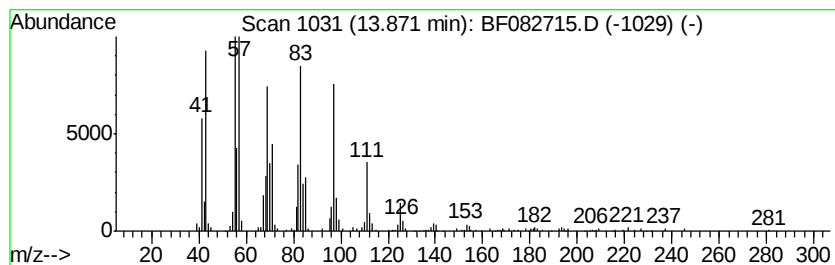
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.97 ng	589559	Chrysene-d12	14.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
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Operator : UM/IZ
Sample : G4241-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13(18-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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...	5.06	52.8	ng	2948670	1	6.86	1117110	20.0
unknown6.64	6.64	114.6	ng	6403350	1	6.86	1117110	20.0
Hexadecane	10.82	4.1	ng	328593	4	11.38	1594160	20.0
Eicosane, 10-methyl-	11.26	2.6	ng	208866	4	11.38	1594160	20.0
Eicosane	11.69	2.1	ng	170868	4	11.38	1594160	20.0
n-Hexadecanoic acid	11.93	6.8	ng	545661	4	11.38	1594160	20.0
Tetradecanoic acid	12.70	2.3	ng	190014	5	14.02	1691980	20.0
9-Octadecenamide,...	13.46	5.9	ng	496242	5	14.02	1691980	20.0
Bromoacetic acid,...	13.87	7.0	ng	589559	5	14.02	1691980	20.0