

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082672.D
 Acq On : 3 Nov 2015 20:46
 Operator : UM/IZ
 Sample : G4240-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(10-12)

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	5.059	256	260	263	rBV	1828809	2632332	43.86%	4.723%
2	5.481	294	297	299	rBV	5312341	5212447	86.84%	9.352%
3	6.510	384	387	389	rBV	5470438	5900028	98.30%	10.586%
4	6.647	396	399	401	rBV	6066462	5911283	98.49%	10.606%
5	6.876	417	419	421	rBV	1442350	1157840	19.29%	2.077%
6	7.036	430	433	435	rBV	4788452	4088591	68.12%	7.336%
7	7.436	465	468	471	rBV	3126708	3288080	54.78%	5.899%
8	8.167	529	532	534	rBV	1323143	1447303	24.11%	2.597%
9	9.242	623	626	629	rVB	5703662	5658655	94.28%	10.153%
10	9.642	658	661	663	rBV	777869	1105960	18.43%	1.984%
11	9.916	683	685	688	rVB	1625147	1654006	27.56%	2.968%
12	10.339	720	722	723	rBV	133286	104138	1.74%	0.187%
13	10.362	723	724	726	rVB	86962	67640	1.13%	0.121%
14	10.591	740	744	746	rBV	62009	95911	1.60%	0.172%
15	10.705	751	754	757	rVV	4184924	4114771	68.56%	7.383%
16	10.853	764	767	770	rBV	134785	245126	4.08%	0.440%
17	11.288	803	805	806	rBV2	171154	155210	2.59%	0.278%
18	11.322	806	808	810	rVB	61254	71490	1.19%	0.128%
19	11.402	813	815	817	rVV	2109651	1752227	29.19%	3.144%
20	11.471	817	821	823	rVB3	40665	62584	1.04%	0.112%
21	11.711	840	842	844	rVB	152284	121815	2.03%	0.219%
22	11.939	860	862	867	rBV2	528310	624780	10.41%	1.121%
23	12.122	876	878	880	rVB	95613	83656	1.39%	0.150%
24	12.511	910	912	914	rVB	81868	64444	1.07%	0.116%
25	12.728	929	931	938	rBV	195196	227891	3.80%	0.409%
26	12.876	943	944	950	rVB	47037	69496	1.16%	0.125%
27	12.991	952	954	957	rBV	4673908	6002109	100.00%	10.769%
28	13.242	972	976	977	rBV	56262	82466	1.37%	0.148%
29	13.471	991	996	1000	rBV5	21699	69404	1.16%	0.125%
30	13.894	1031	1033	1040	rBV	351993	597345	9.95%	1.072%
31	14.042	1043	1046	1048	rBV	1613924	1560236	25.99%	2.799%
32	14.225	1060	1062	1067	rVB	59110	78236	1.30%	0.140%
33	14.534	1087	1089	1096	rBV	57562	112804	1.88%	0.202%
34	14.922	1120	1123	1125	rBV	82357	106309	1.77%	0.191%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082672.D
Acq On : 3 Nov 2015 20:46
Operator : UM/IZ
Sample : G4240-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(10-12)

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
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35	15.482	1169	1172	1175	rBV	808203	1128736	18.81%	2.025%
36	16.020	1217	1219	1224	rBV3	35208	80045	1.33%	0.144%

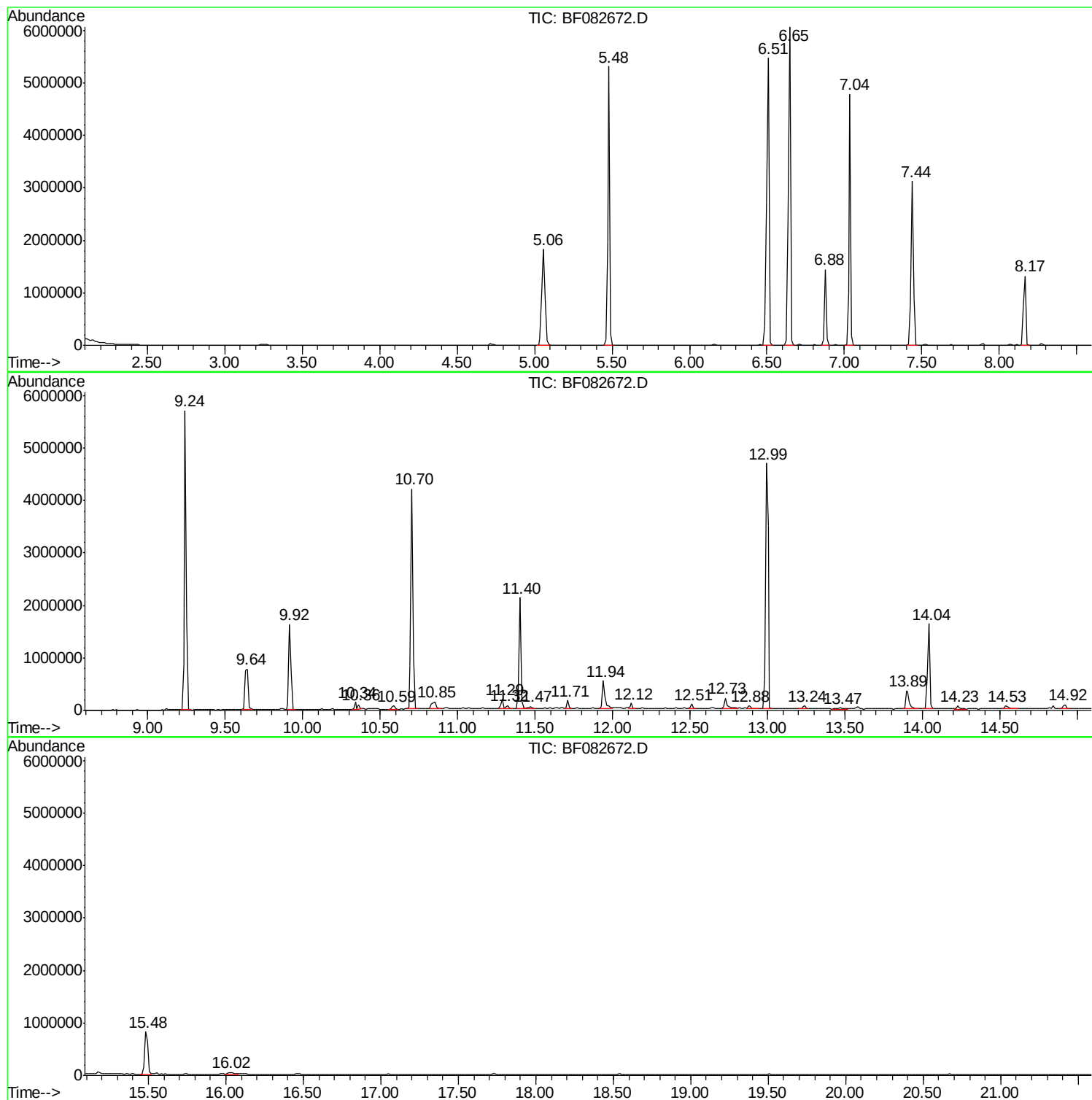
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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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Acq On : 3 Nov 2015 20:46
Operator : UM/IZ
Sample : G4240-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-08(10-12)

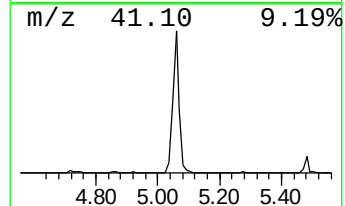
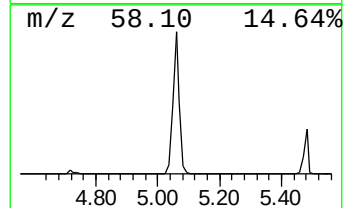
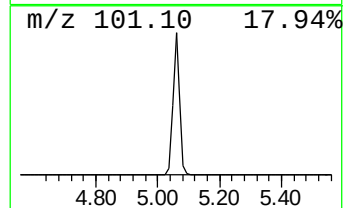
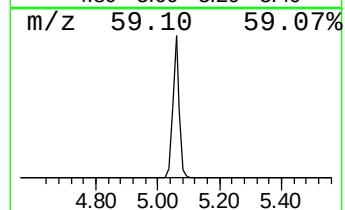
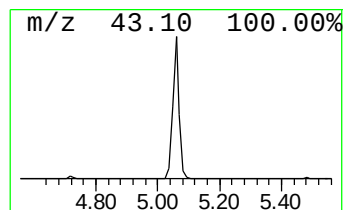
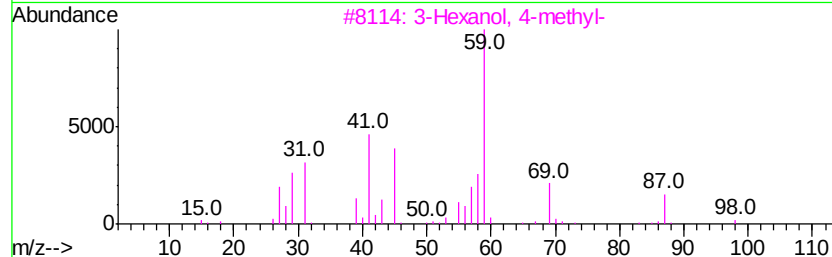
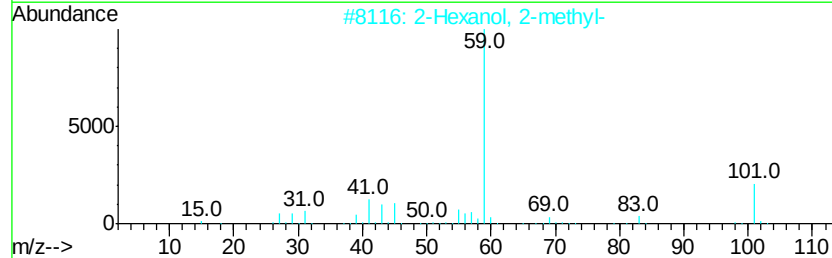
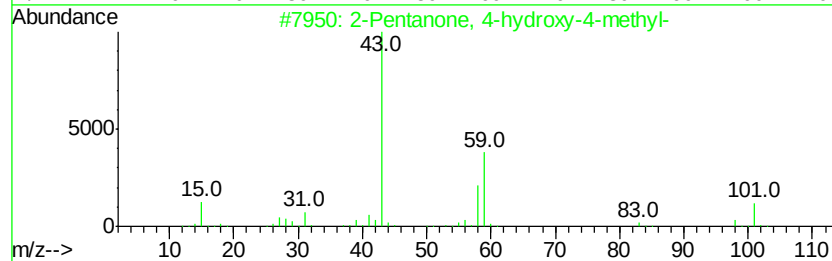
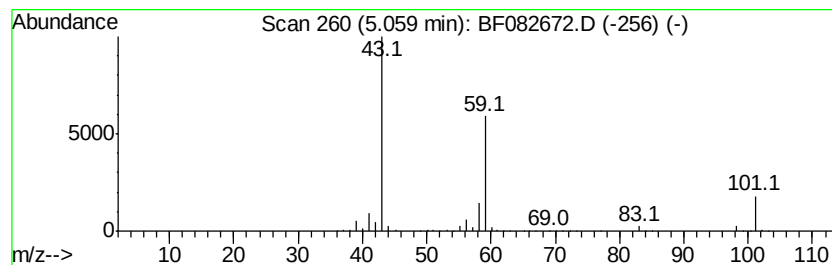
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.06	45.47 ng	2632330	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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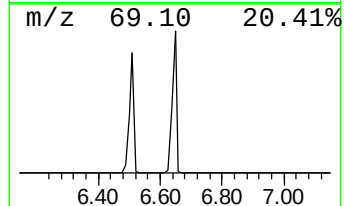
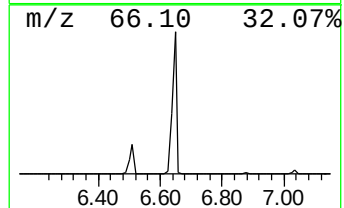
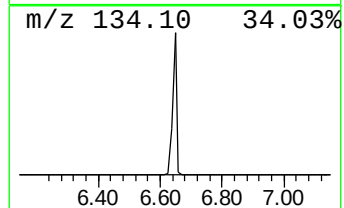
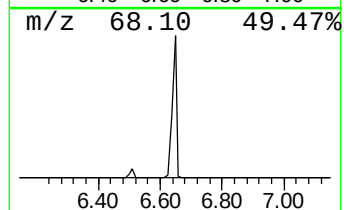
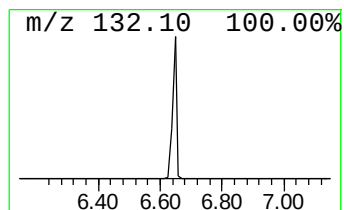
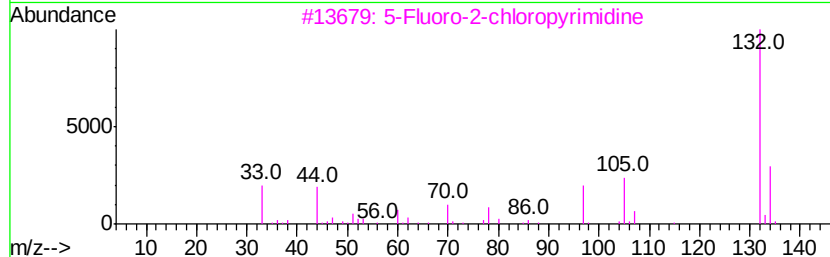
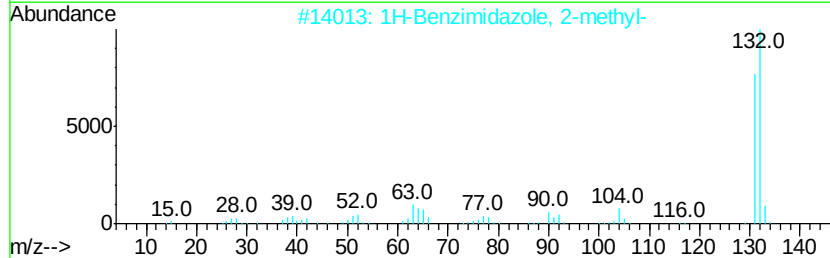
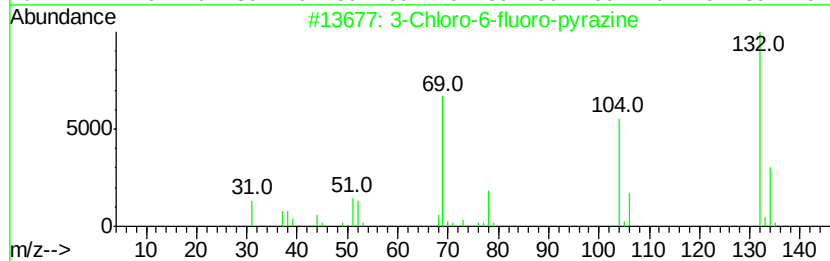
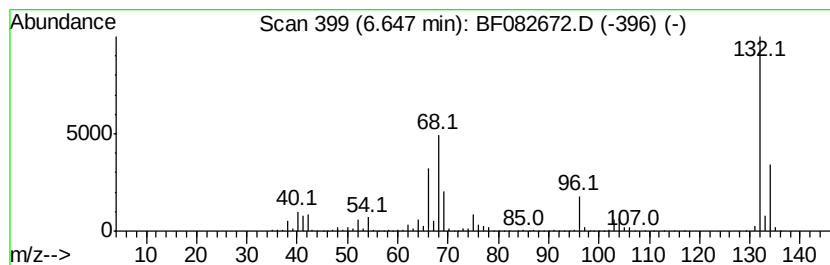
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	102.11 ng	5911280	1,4-Dichlorobenzene-d4	6.88

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	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE		132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-		132	C6H3F3	000367-23-7	9



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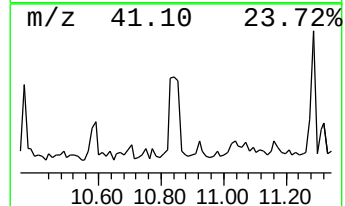
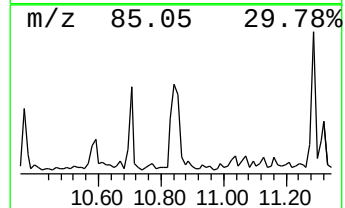
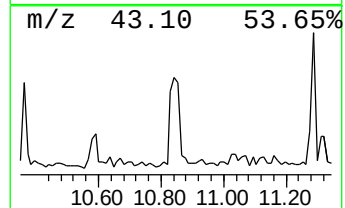
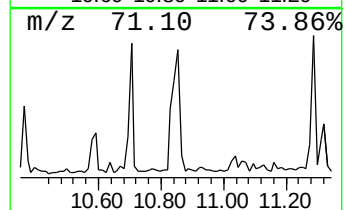
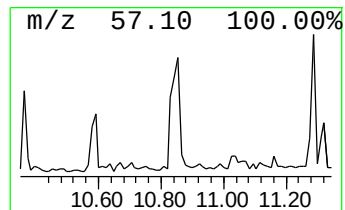
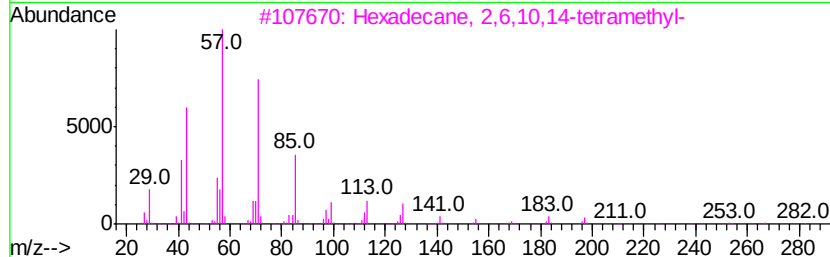
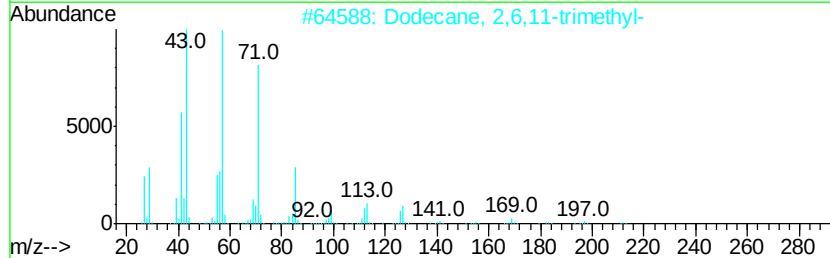
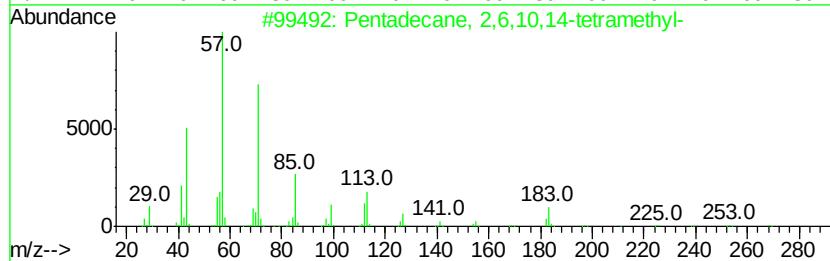
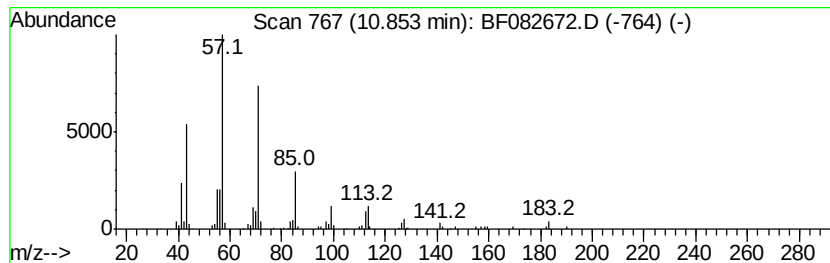
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.80 ng	245126	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



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Misc :
ALS Vial : 19 Sample Multiplier: 1

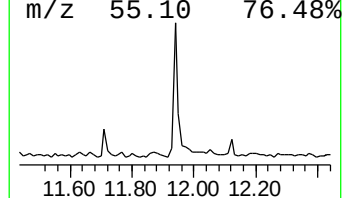
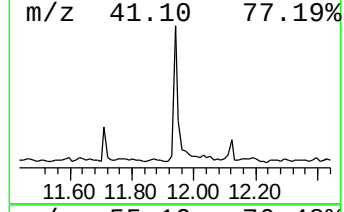
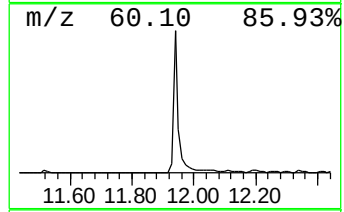
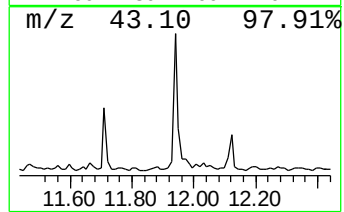
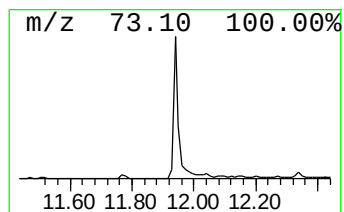
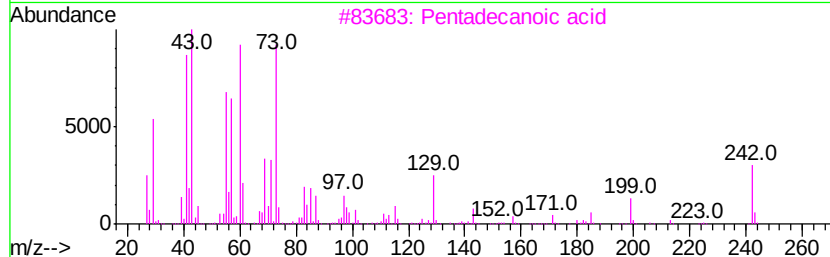
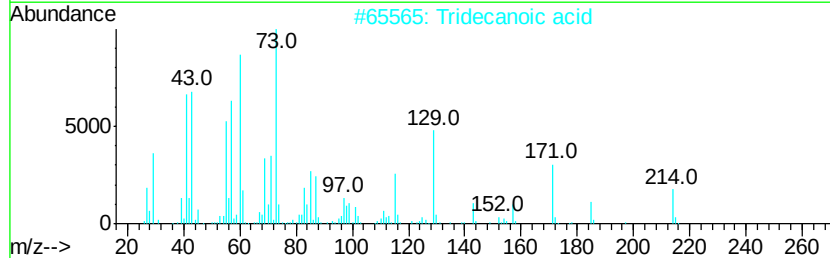
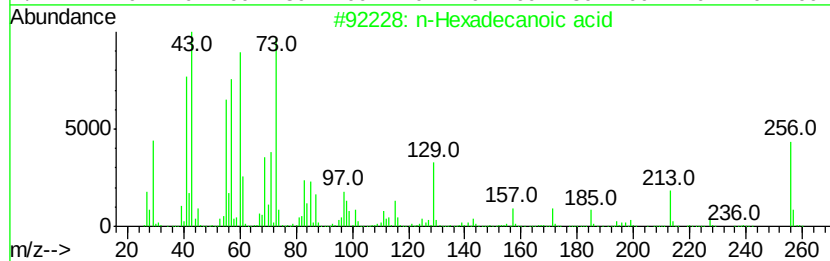
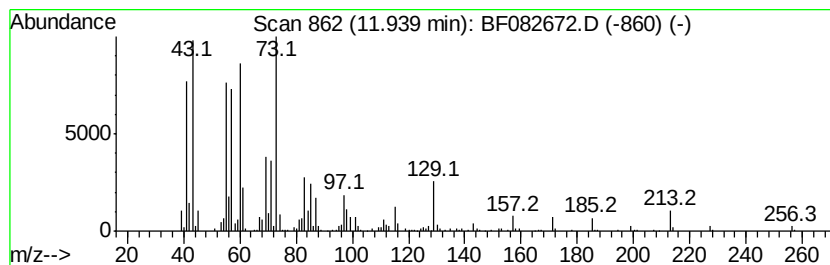
Instrument :
BNA_F
ClientSampleId :
SB-08(10-12)

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 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	7.13 ng	624780	Phenanthrene-d10		11.40
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59



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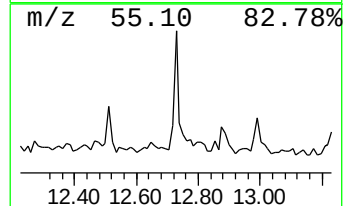
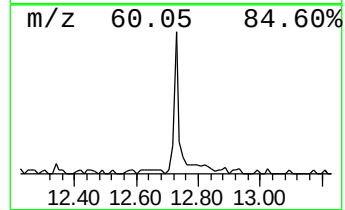
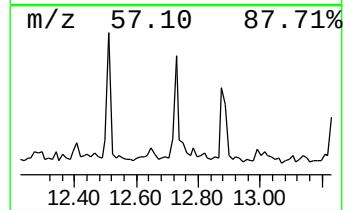
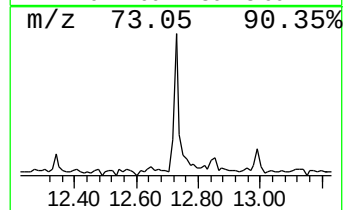
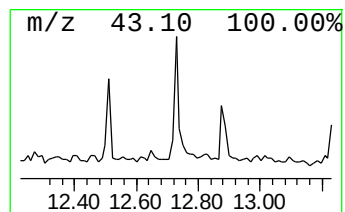
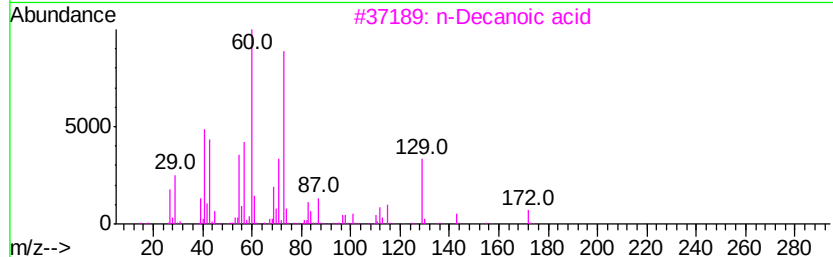
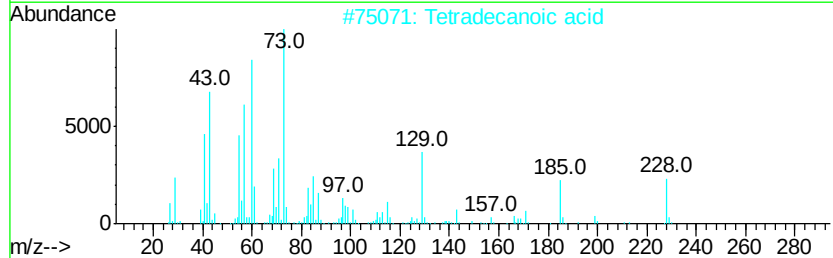
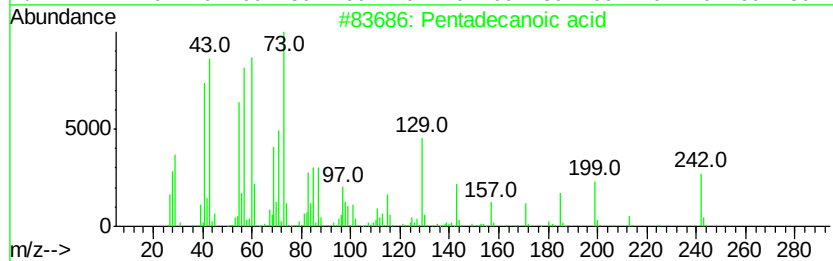
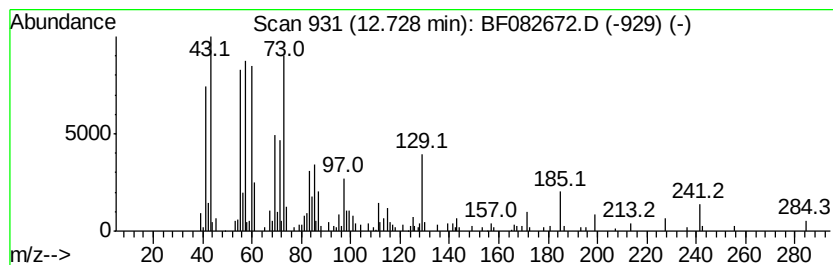
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.73	2.92 ng	227891	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	27



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SB-08(10-12)

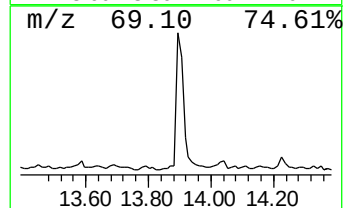
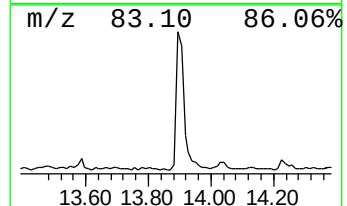
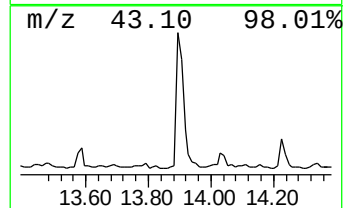
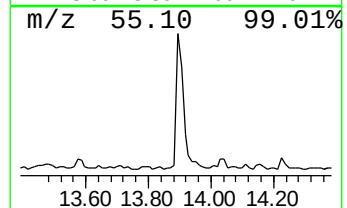
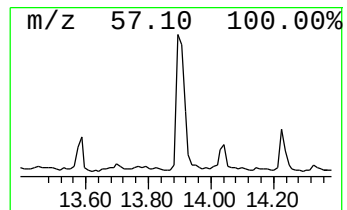
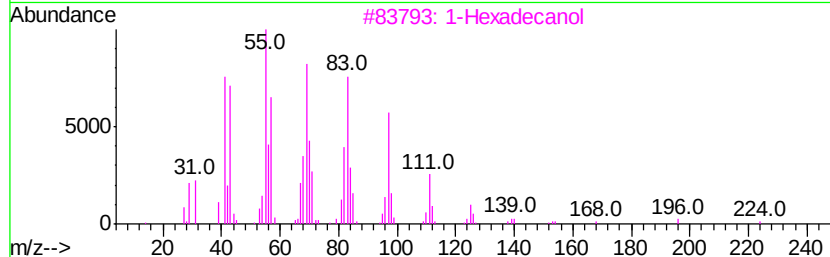
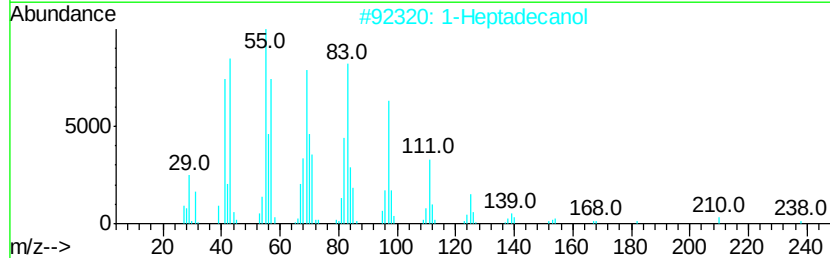
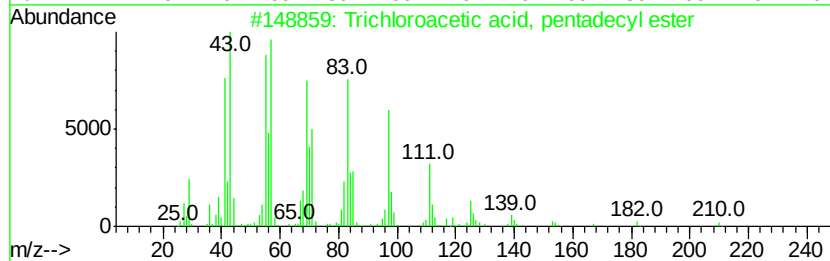
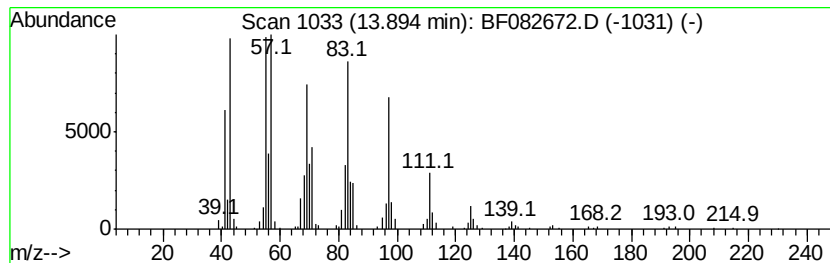
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.66 ng	597345	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2		1-Heptadecanol	256	C17H36O	001454-85-9	90
3		1-Hexadecanol	242	C16H34O	036653-82-4	90
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082672.D
Acq On : 3 Nov 2015 20:46
Operator : UM/IZ
Sample : G4240-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(10-12)

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	45.5	ng	2632330	1	6.88	1157840	20.0
unknown6.65	6.65	102.1	ng	5911280	1	6.88	1157840	20.0
Pentadecane, 2,6,...	10.85	2.8	ng	245126	4	11.40	1752230	20.0
n-Hexadecanoic acid	11.94	7.1	ng	624780	4	11.40	1752230	20.0
Pentadecanoic acid	12.73	2.9	ng	227891	5	14.04	1560240	20.0
Trichloroacetic a...	13.89	7.7	ng	597345	5	14.04	1560240	20.0