

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082627.D
 Acq On : 31 Oct 2015 18:00
 Operator : UM/IZ
 Sample : G4180-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

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	5.093	260	263	266	rBV	1850591	2860534	42.73%	4.861%
2	5.516	296	300	302	rBV	4153464	5315594	79.39%	9.032%
3	6.533	386	389	391	rBV	5202534	5583765	83.40%	9.488%
4	6.670	398	401	403	rBV	5631356	5187832	77.49%	8.815%
5	6.899	419	421	424	rBV	1441634	1432601	21.40%	2.434%
6	7.059	433	435	438	rVB	4406041	3956905	59.10%	6.724%
7	7.459	467	470	473	rBV	2657591	3535289	52.80%	6.007%
8	8.190	531	534	536	rBV	2391501	1990861	29.74%	3.383%
9	9.276	626	629	631	rBV	5893675	6695147	100.00%	11.377%
10	9.665	660	663	665	rBV	1704328	1453523	21.71%	2.470%
11	9.893	677	683	685	rBV	151226	147102	2.20%	0.250%
12	9.950	685	688	690	rBV	2203132	2149236	32.10%	3.652%
13	10.385	723	726	728	rVB	152543	261087	3.90%	0.444%
14	10.613	743	746	749	rBV	86134	135645	2.03%	0.230%
15	10.728	754	756	759	rBV2	2720653	3518192	52.55%	5.978%
16	10.865	764	768	774	rBV	300382	391692	5.85%	0.666%
17	11.311	805	807	809	rBV	189685	160234	2.39%	0.272%
18	11.425	815	817	820	rVB	1426053	1871063	27.95%	3.179%
19	11.665	836	838	842	rBV	161773	229798	3.43%	0.390%
20	11.745	842	845	847	rVB	63281	87752	1.31%	0.149%
21	11.962	862	864	866	rBV	97871	90696	1.35%	0.154%
22	12.145	876	880	883	rBV2	50963	82712	1.24%	0.141%
23	12.488	908	910	917	rBV	638215	738191	11.03%	1.254%
24	12.854	940	942	944	rBV	436407	348015	5.20%	0.591%
25	12.934	946	949	951	rVB2	89236	115591	1.73%	0.196%
26	13.025	954	957	959	rBV	5711688	5562869	83.09%	9.453%
27	13.482	994	997	998	rBV2	56471	79956	1.19%	0.136%
28	13.562	1002	1004	1006	rVV	324606	302514	4.52%	0.514%
29	13.608	1007	1008	1013	rVB2	58759	106827	1.60%	0.182%
30	13.928	1034	1036	1046	rBV	382881	620791	9.27%	1.055%
31	14.065	1046	1048	1051	rVV2	1879804	2073950	30.98%	3.524%
32	14.259	1063	1065	1070	rVB	93410	121052	1.81%	0.206%
33	14.568	1090	1092	1095	rBV2	73695	87300	1.30%	0.148%
34	15.528	1173	1176	1179	rBV	965002	1177539	17.59%	2.001%

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ALS Vial : 42 Sample Multiplier: 1

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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-BF103015.M
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35	15.597	1179	1182	1189	rVB2	35710	91448	1.37%	0.155%
36	16.077	1222	1224	1232	rVB6	33493	102507	1.53%	0.174%
37	16.534	1261	1264	1271	rVB5	23111	72294	1.08%	0.123%
38	17.574	1351	1355	1360	rBV7	39429	111604	1.67%	0.190%

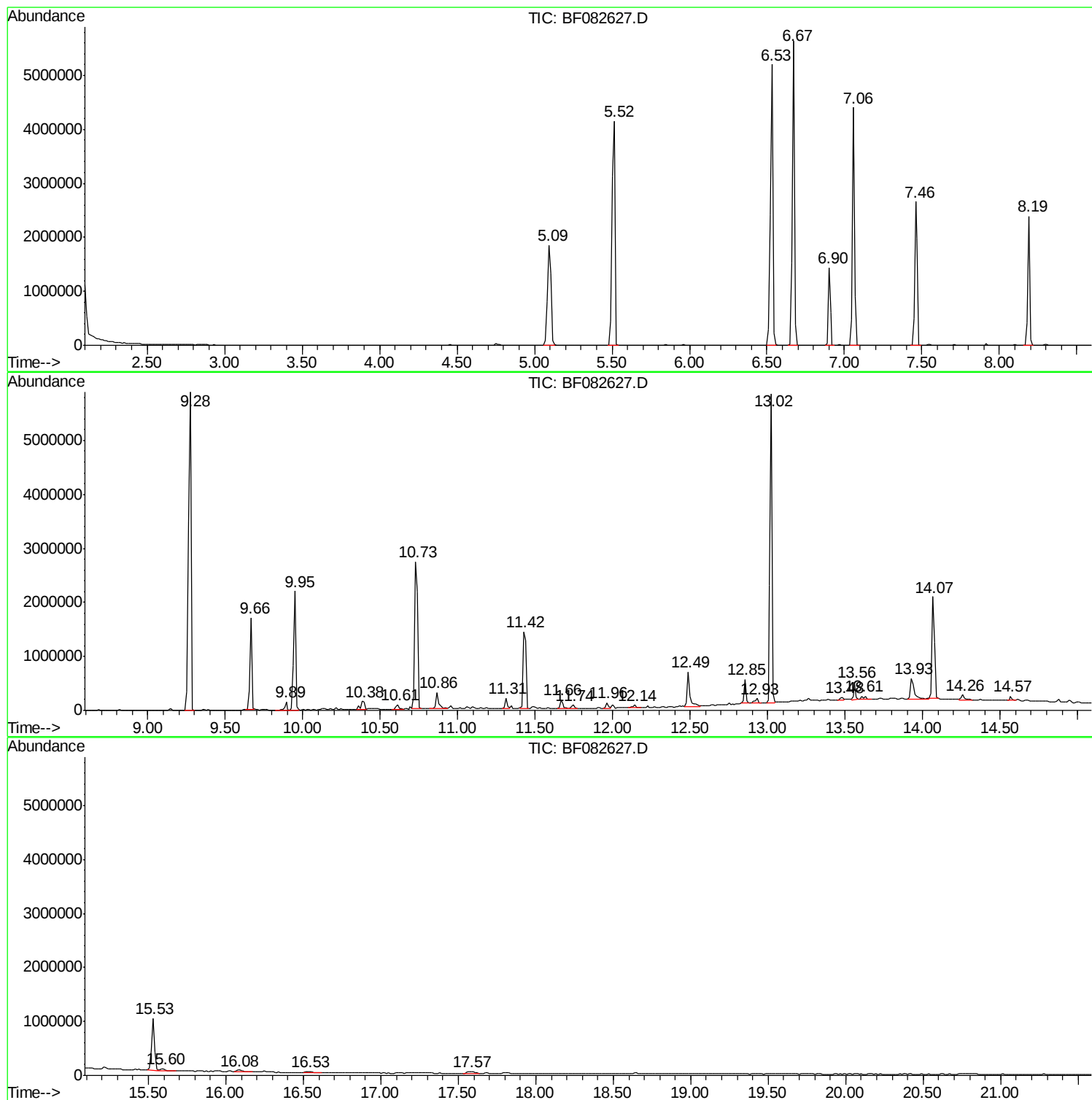
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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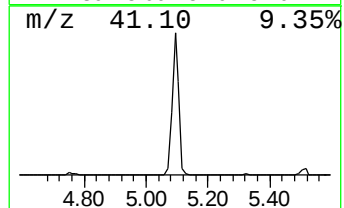
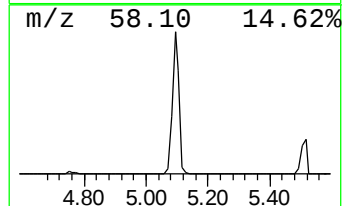
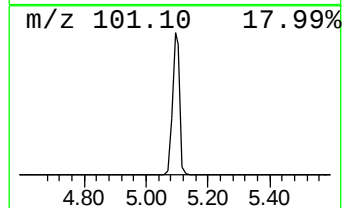
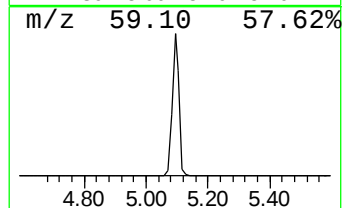
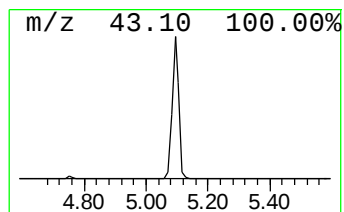
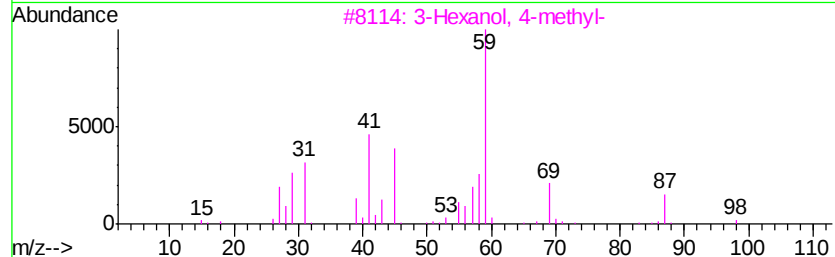
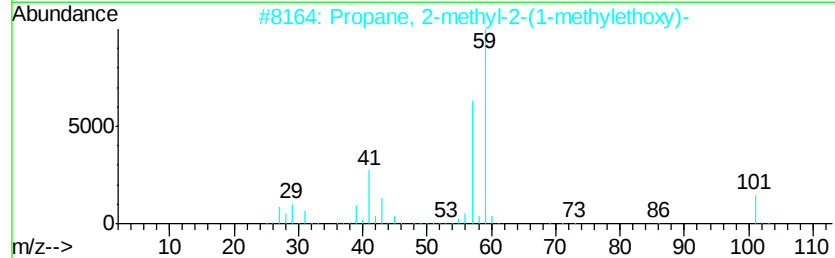
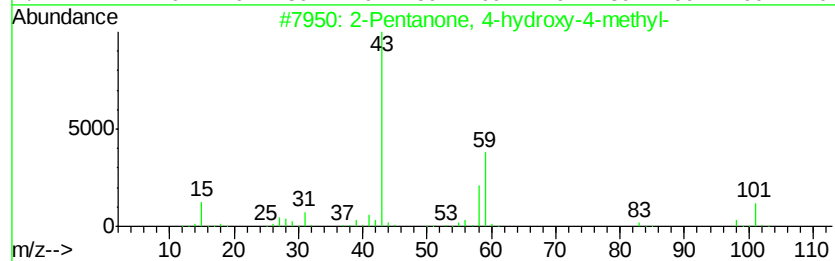
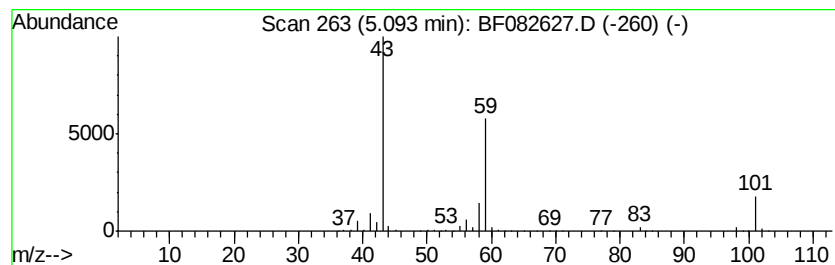
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	39.93 ng	2860530	1,4-Dichlorobenzene-d4	6.90

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	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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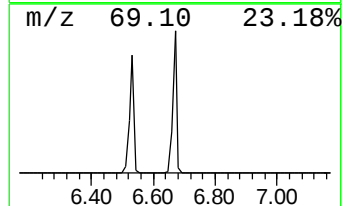
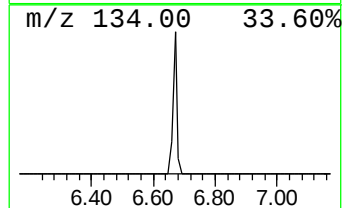
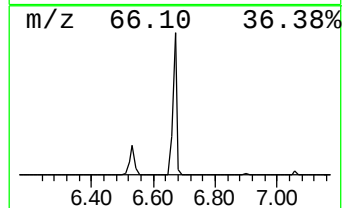
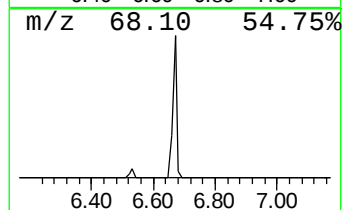
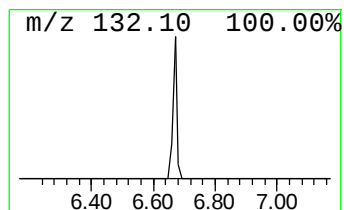
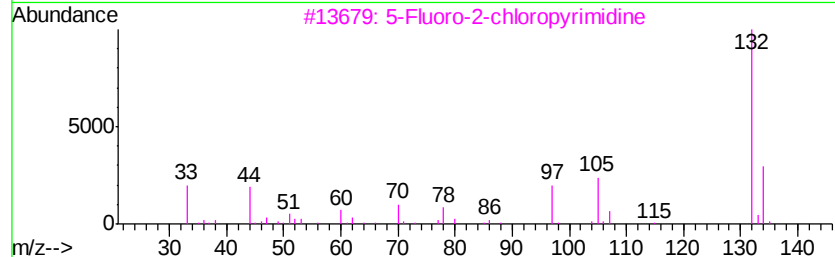
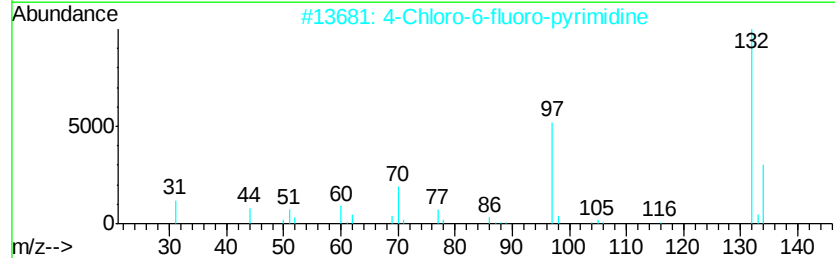
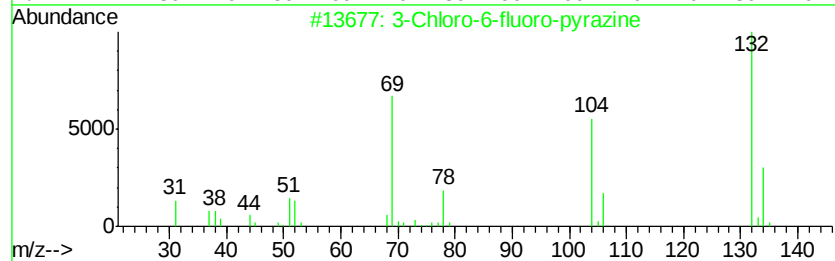
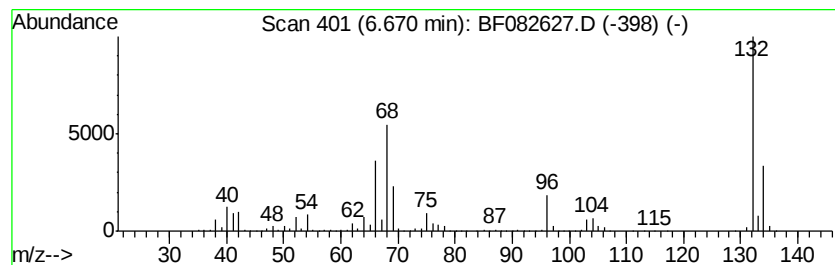
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	72.43 ng	5187830	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11



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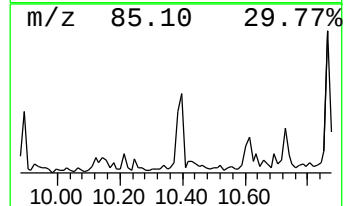
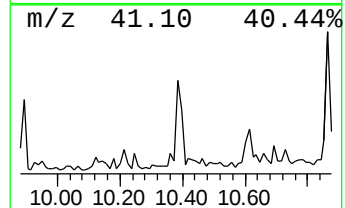
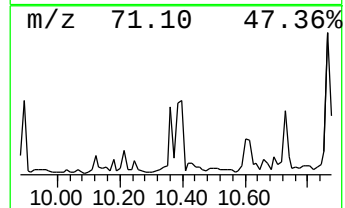
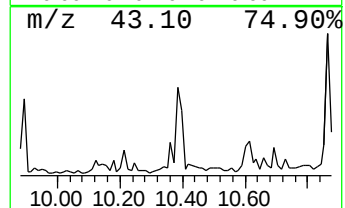
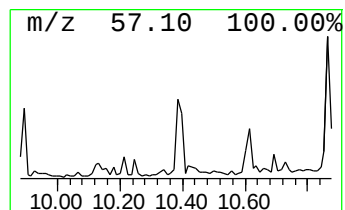
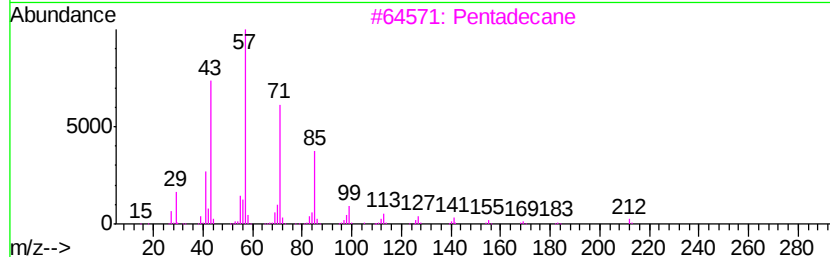
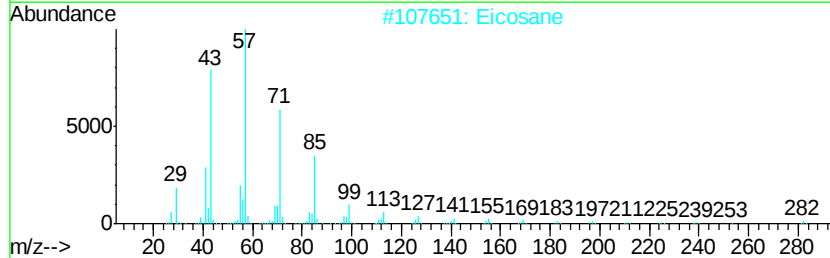
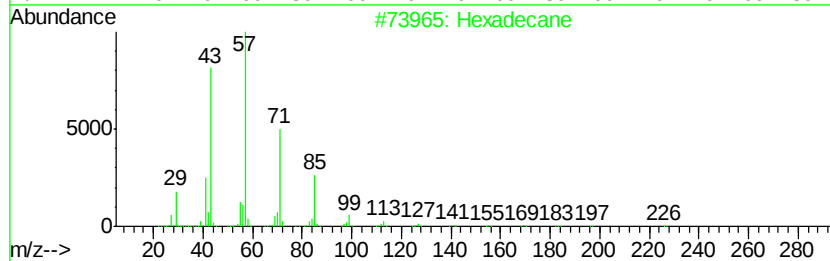
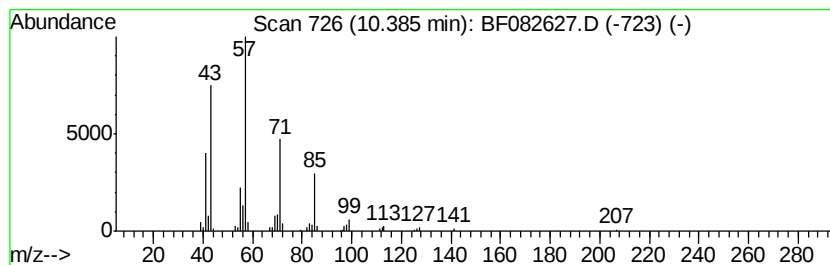
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.43 ng	261087	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Eicosane	282 C20H42	000112-95-8	90
3	Pentadecane	212 C15H32	000629-62-9	83
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	78
5	Tridecane, 7-propyl-	226 C16H34	055045-09-5	72



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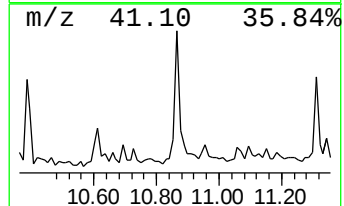
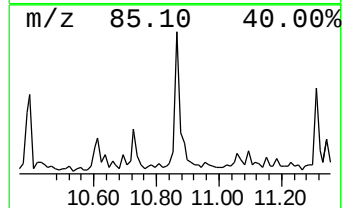
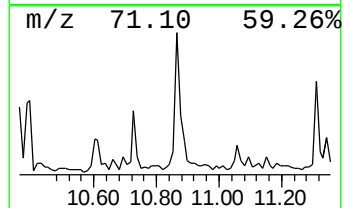
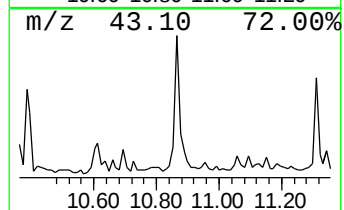
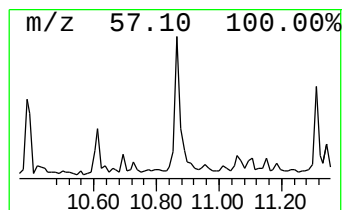
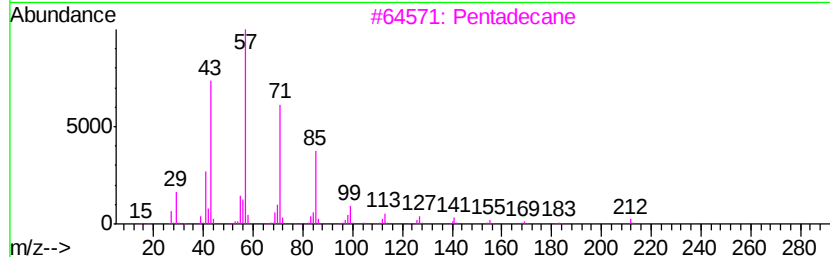
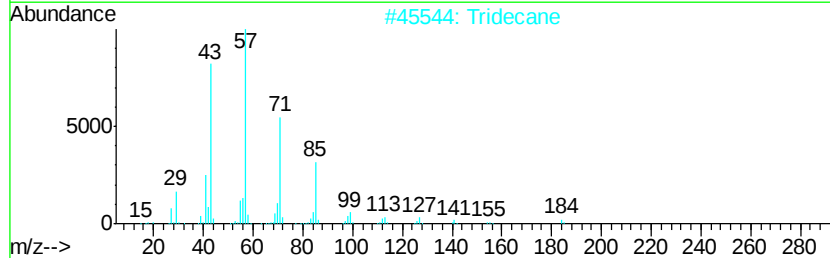
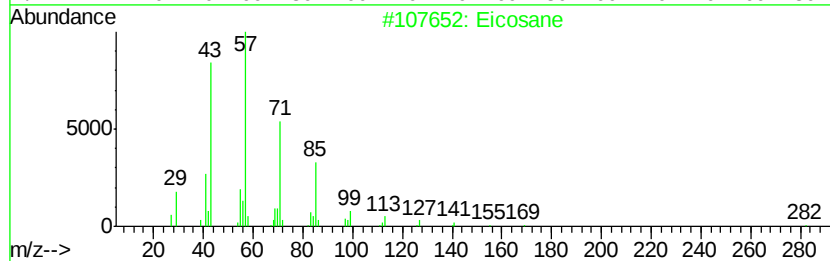
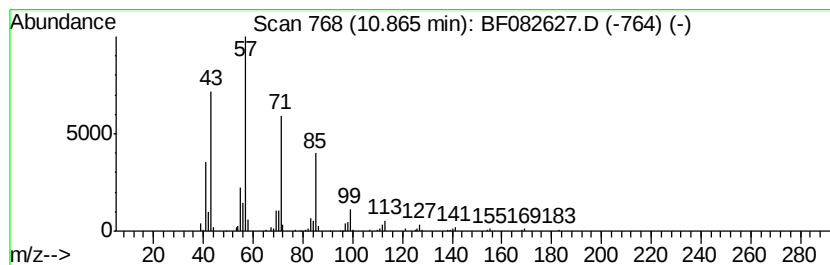
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	4.19 ng	391692	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Nonadecane		268	C19H40	000629-92-5	87



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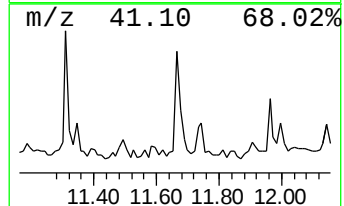
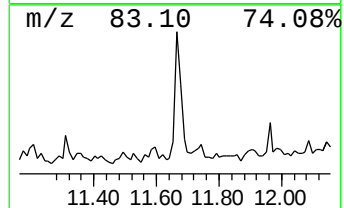
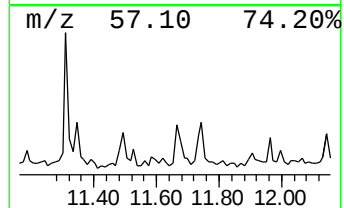
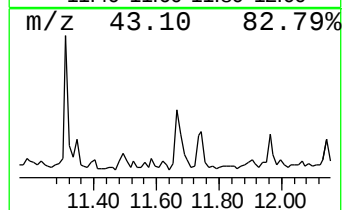
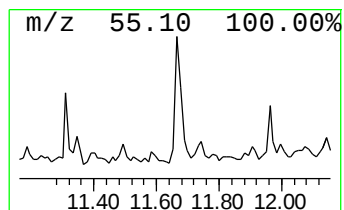
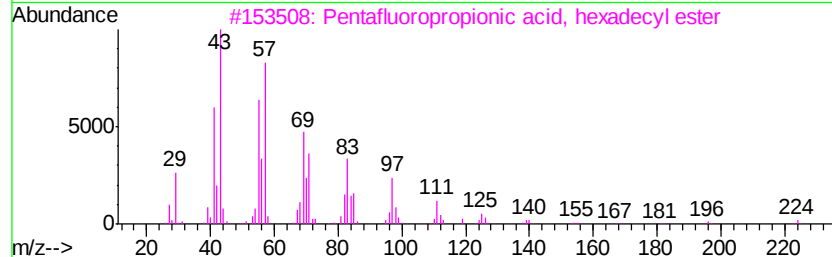
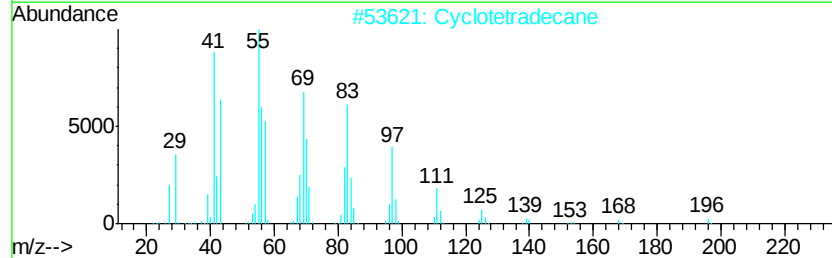
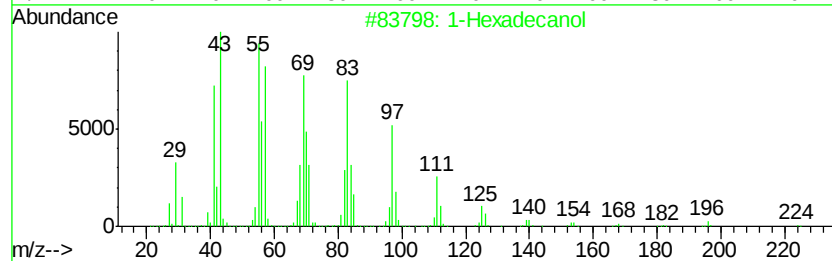
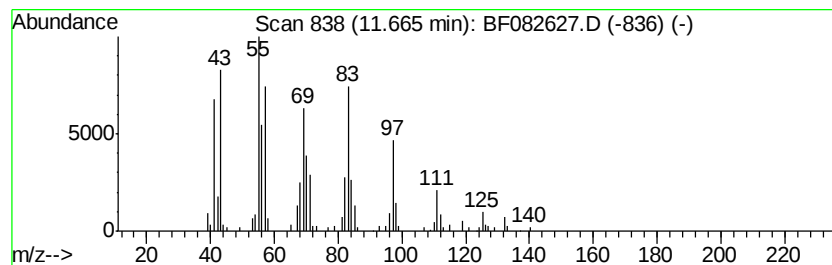
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 1-Hexadecanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.46 ng	229798	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol			242	C16H34O	036653-82-4	95
2	Cyclotetradecane			196	C14H28	000295-17-0	91
3	Pentafluoropropionic acid, hexad...			388	C19H33F5O2	006222-07-7	91
4	9-Eicosene, (E)-			280	C20H40	074685-29-3	90
5	1-Hexadecene			224	C16H32	000629-73-2	90



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ClientSampleId :
S2

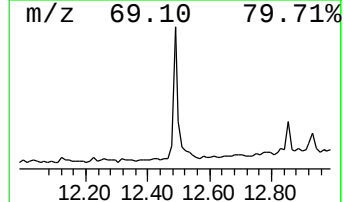
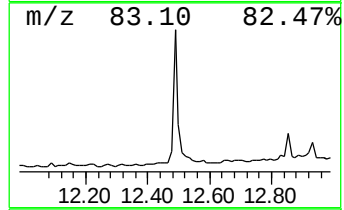
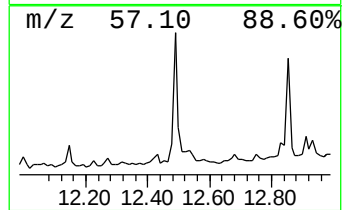
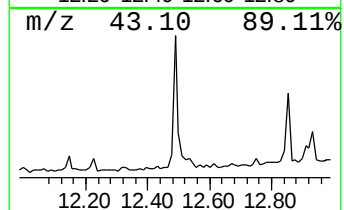
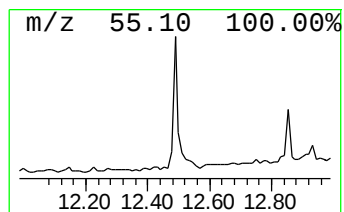
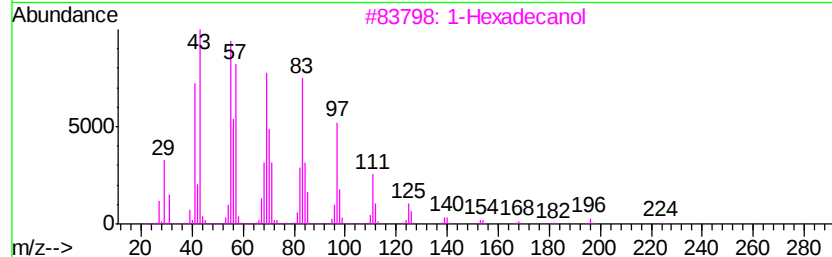
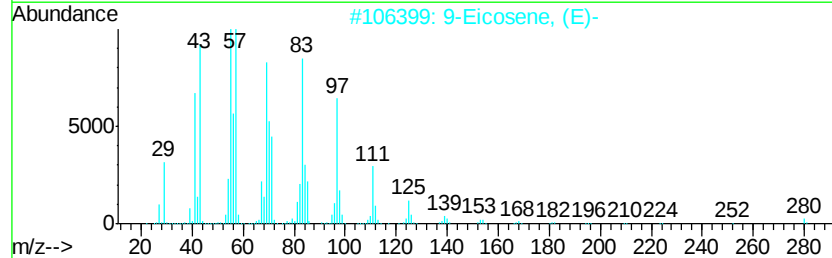
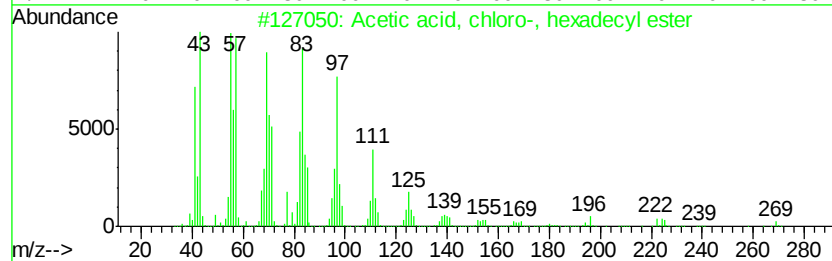
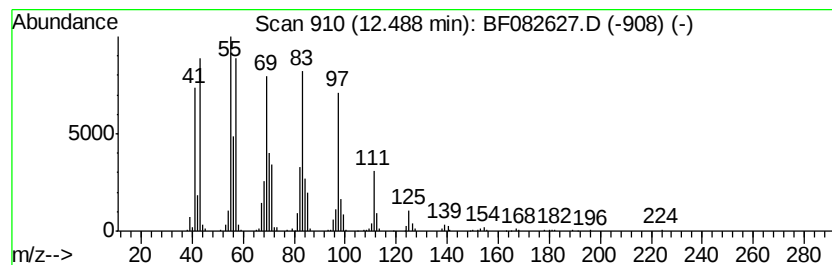
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acetic acid, chloro-, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.89 ng	738191	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		1-Hexadecanol	242	C16H34O	036653-82-4	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082627.D
Acq On : 31 Oct 2015 18:00
Operator : UM/IZ
Sample : G4180-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2

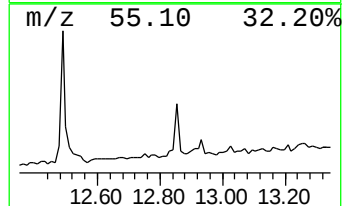
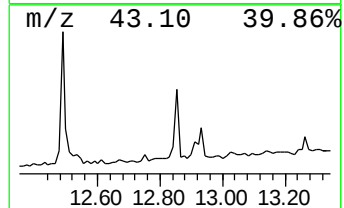
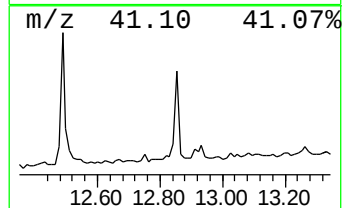
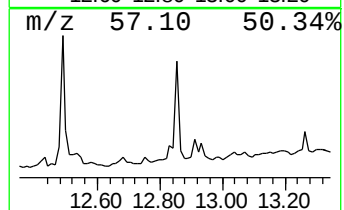
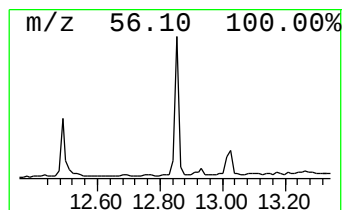
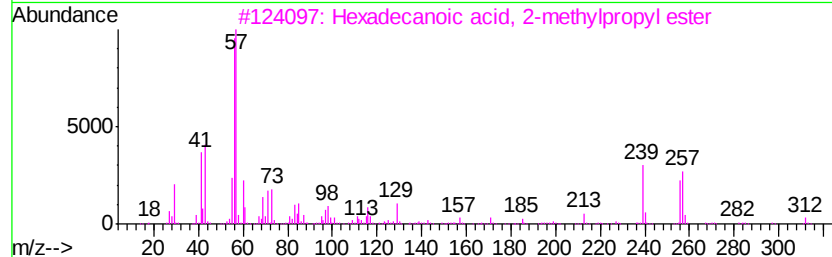
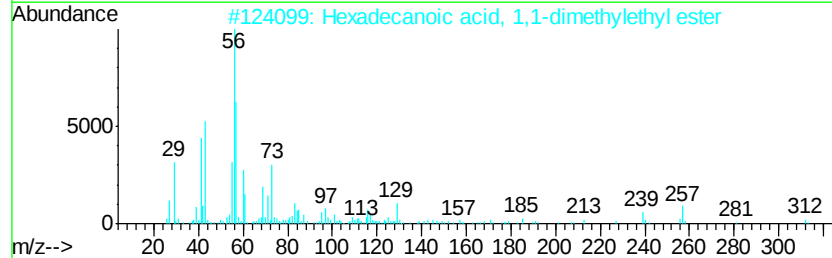
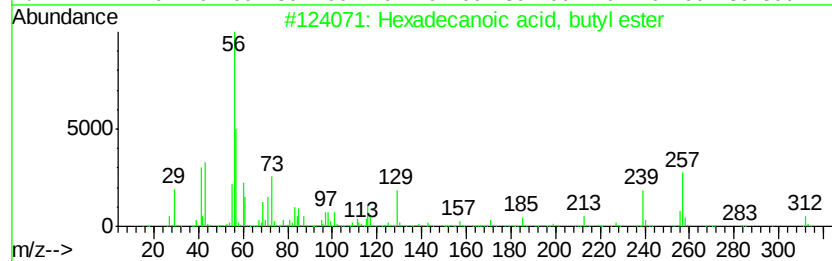
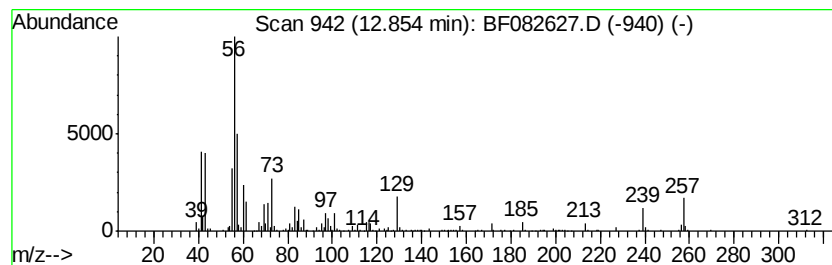
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.36 ng	348015	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082627.D
Acq On : 31 Oct 2015 18:00
Operator : UM/IZ
Sample : G4180-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2

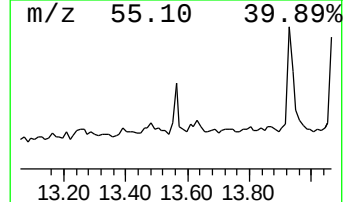
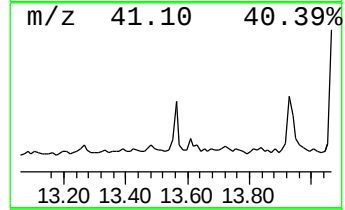
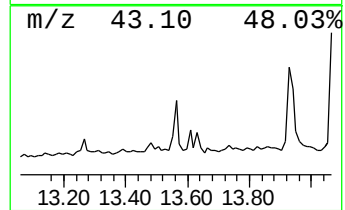
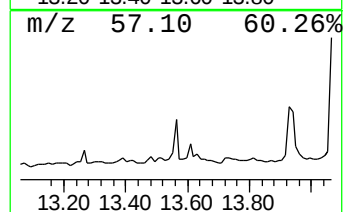
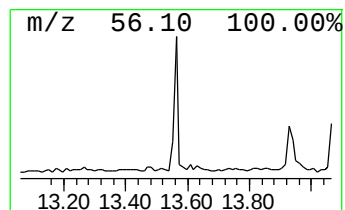
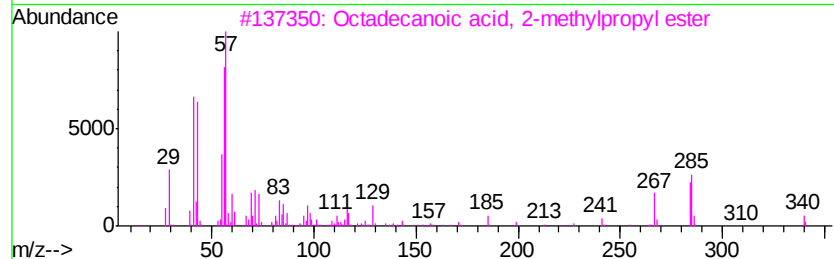
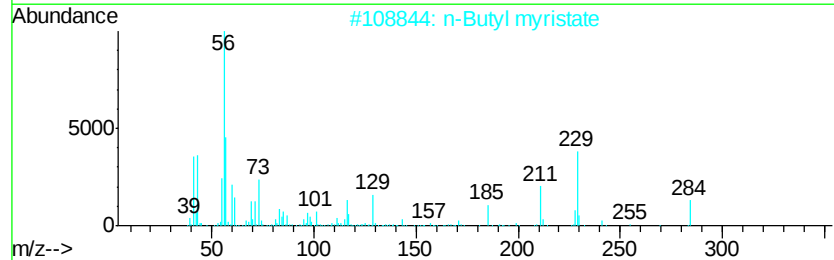
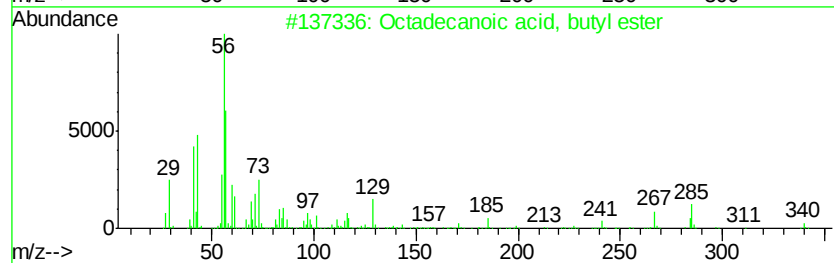
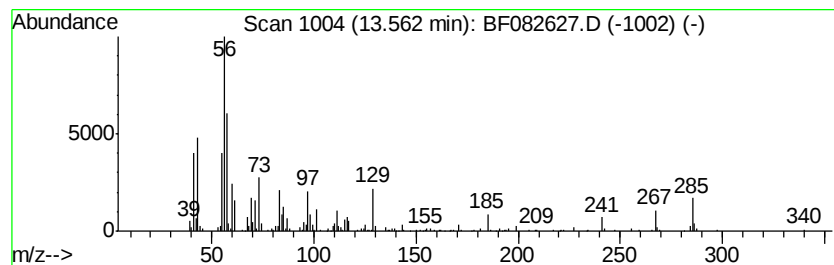
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.92 ng	302514	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2		n-Butyl myristate	284	C18H36O2	000110-36-1	59
3		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	35
4		2-Methyl-1-octadecene	266	C19H38	061868-20-0	35
5		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082627.D
Acq On : 31 Oct 2015 18:00
Operator : UM/IZ
Sample : G4180-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2

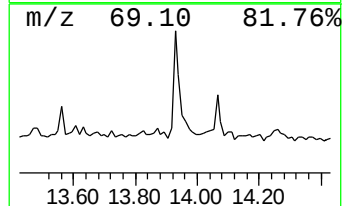
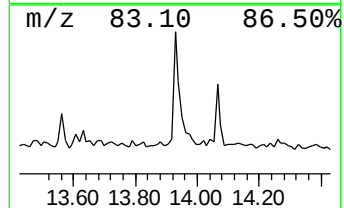
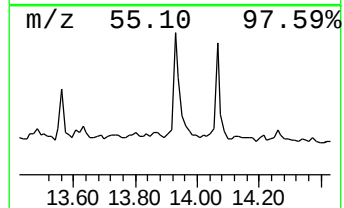
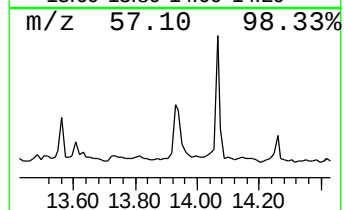
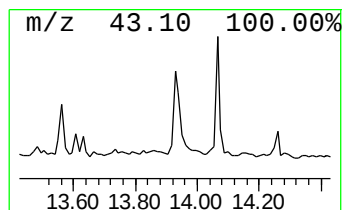
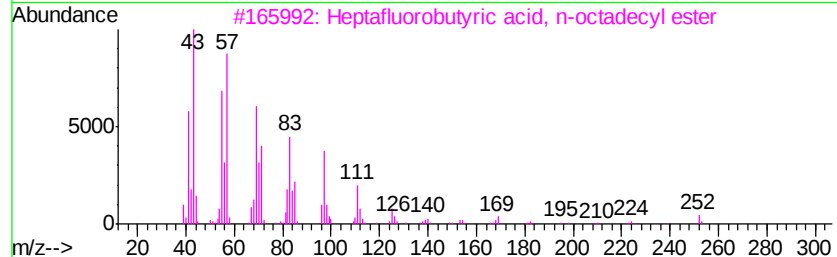
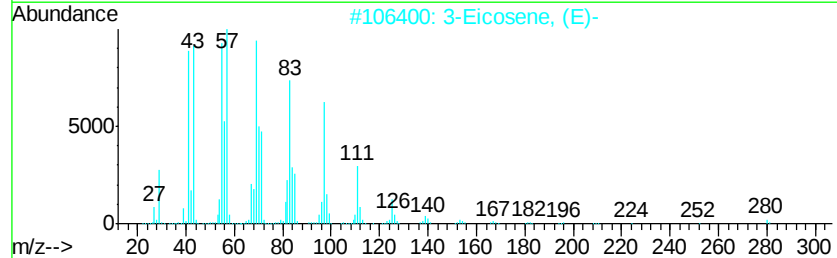
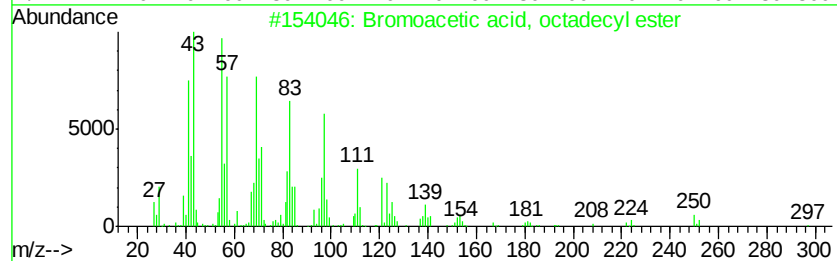
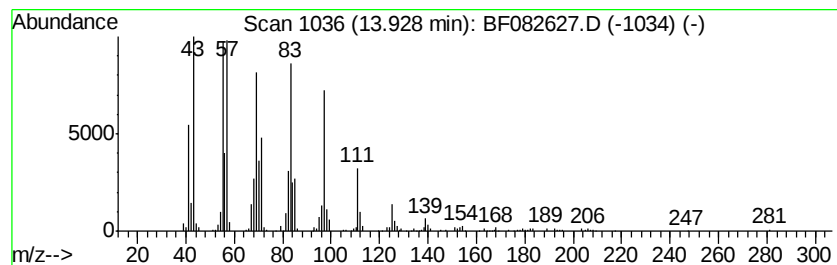
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.99 ng	620791	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	83
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	74
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082627.D
Acq On : 31 Oct 2015 18:00
Operator : UM/IZ
Sample : G4180-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S2

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...	5.09	39.9	ng	2860530	1	6.90	1432600	20.0
unknown6.67	6.67	72.4	ng	5187830	1	6.90	1432600	20.0
Hexadecane	10.38	2.4	ng	261087	3	9.95	2149240	20.0
Eicosane	10.86	4.2	ng	391692	4	11.44	1871060	20.0
1-Hexadecanol	11.66	2.5	ng	229798	4	11.44	1871060	20.0
Acetic acid, chlo...	12.49	7.9	ng	738191	4	11.44	1871060	20.0
Hexadecanoic acid...	12.85	3.4	ng	348015	5	14.07	2073950	20.0
Octadecanoic acid...	13.56	2.9	ng	302514	5	14.07	2073950	20.0
Bromoacetic acid,...	13.93	6.0	ng	620791	5	14.07	2073950	20.0