

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085073.D
 Acq On : 13 Feb 2016 8:30
 Operator : SJ/IZ
 Sample : H1409-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(6-8)

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-BF021316.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	1.724	10	12	29	rVB	1526559	4235124	67.69%	7.972%
2	3.701	183	185	198	rBV	238652	767732	12.27%	1.445%
3	4.136	221	223	264	rBV	652204	3896714	62.28%	7.335%
4	5.427	333	336	345	rBV	665931	2977133	47.58%	5.604%
5	5.564	345	348	374	rVV	1437376	6256623	100.00%	11.777%
6	5.907	374	378	391	rVV	152553	1142760	18.26%	2.151%
7	6.090	391	394	433	rVB	1031116	3880489	62.02%	7.304%
8	6.719	446	449	478	rBV	459977	2854543	45.62%	5.373%
9	7.793	539	543	575	rBV	159438	1107650	17.70%	2.085%
10	9.531	692	695	734	rBV	1808000	5383490	86.04%	10.134%
11	10.216	752	755	764	rBV	105033	435166	6.96%	0.819%
12	10.582	783	787	806	rBV2	401177	1381713	22.08%	2.601%
13	11.416	856	860	863	rBV	78306	166268	2.66%	0.313%
14	11.771	887	891	897	rBV	32024	99558	1.59%	0.187%
15	11.885	897	901	925	rVV	817077	3329001	53.21%	6.266%
16	12.194	925	928	939	rVB	101936	310554	4.96%	0.585%
17	12.925	989	992	994	rBV	34802	73108	1.17%	0.138%
18	12.994	996	998	1014	rVB	314887	1143033	18.27%	2.152%
19	13.794	1065	1068	1084	rVB	467338	970062	15.50%	1.826%
20	14.903	1162	1165	1167	rBV	2342309	3738510	59.75%	7.037%
21	14.937	1167	1168	1179	rVV	1501449	2511924	40.15%	4.728%
22	15.097	1179	1182	1193	rVB	200211	399744	6.39%	0.752%
23	15.623	1225	1228	1245	rVB	1902248	4314598	68.96%	8.122%
24	17.108	1355	1358	1361	rBV2	60667	136227	2.18%	0.256%
25	17.177	1361	1364	1377	rVB	410998	912232	14.58%	1.717%
26	18.800	1503	1506	1512	rBV	336387	701127	11.21%	1.320%

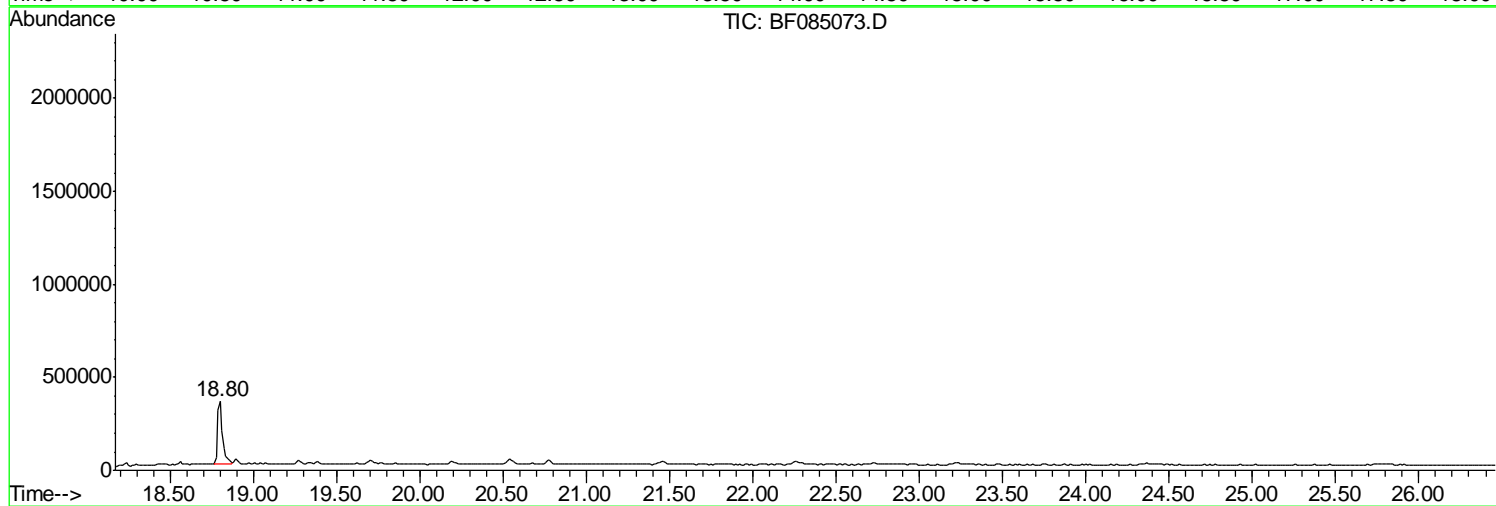
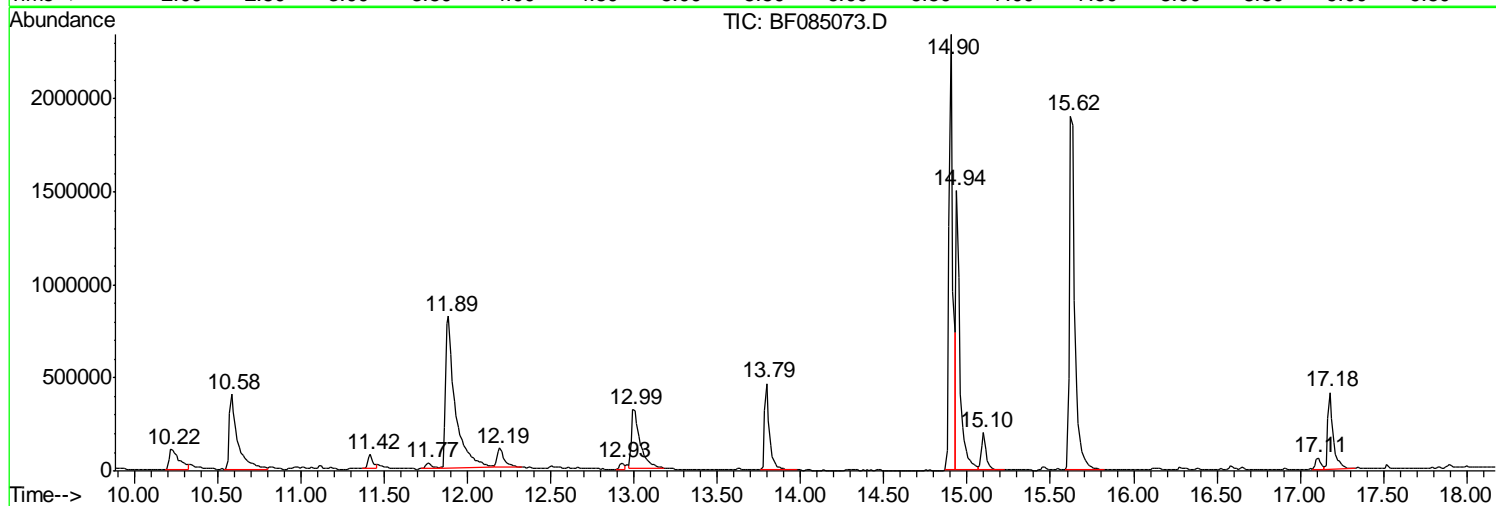
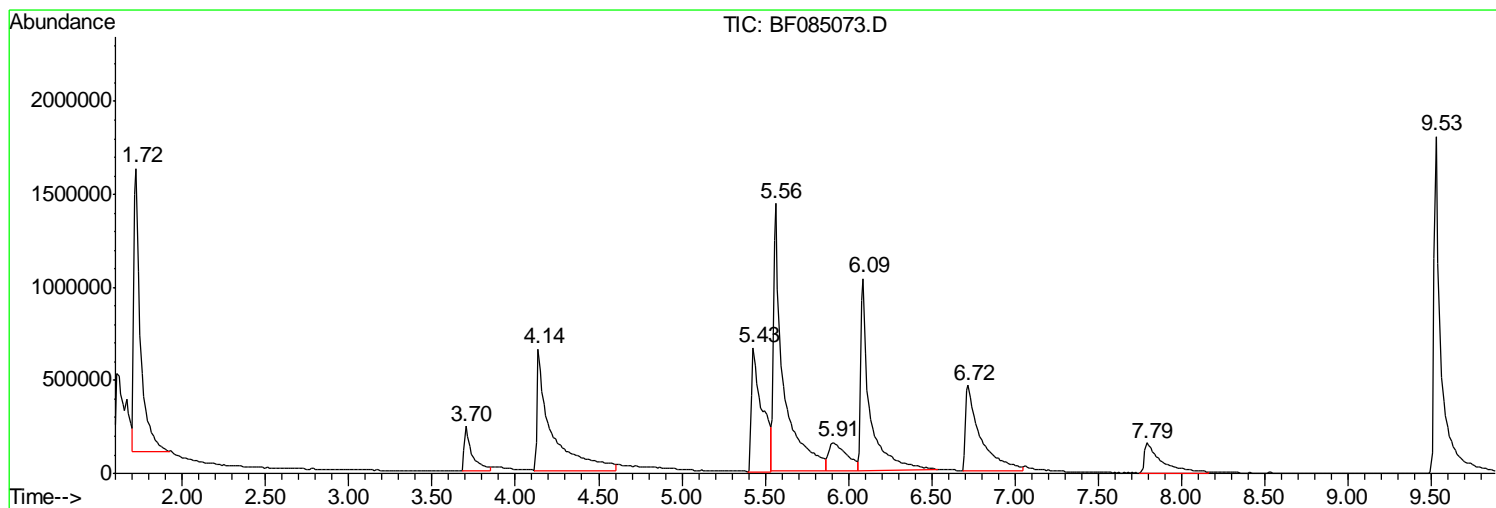
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ClientSampleId :
SUP-B002(6-8)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.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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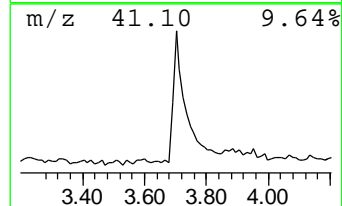
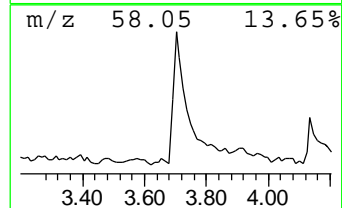
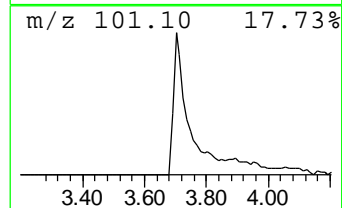
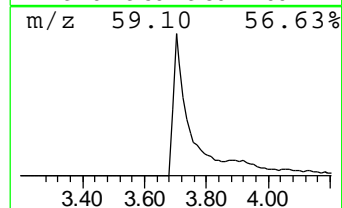
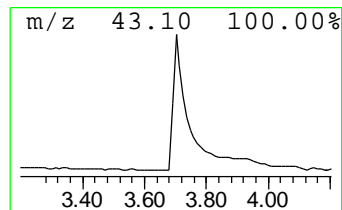
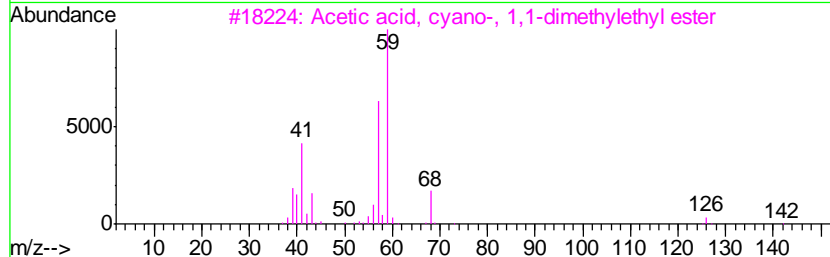
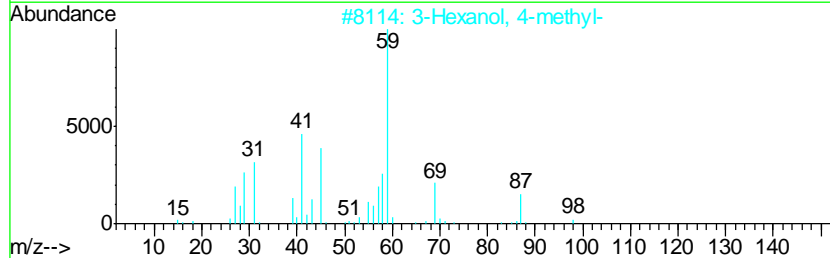
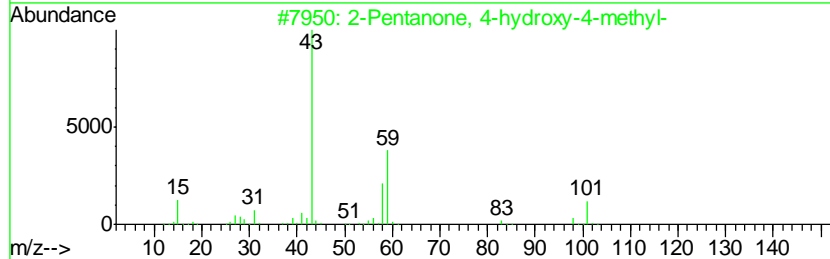
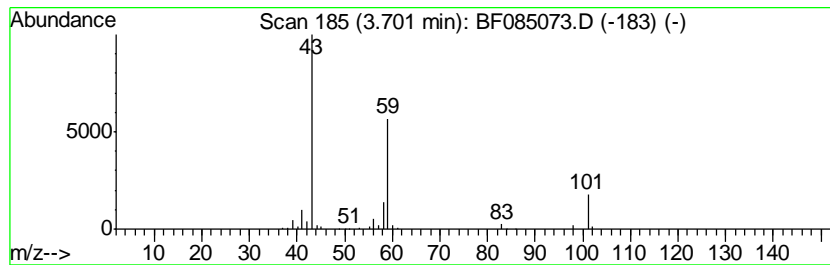
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	13.44 ng	767732	1,4-Dichlorobenzene-d4	5.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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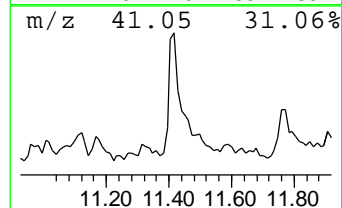
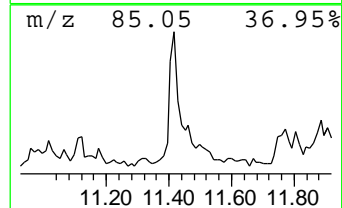
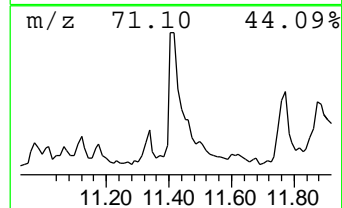
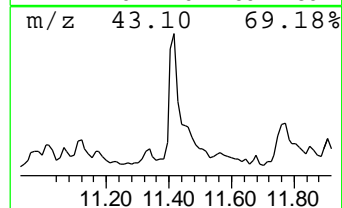
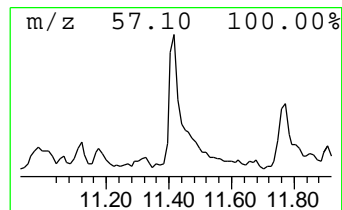
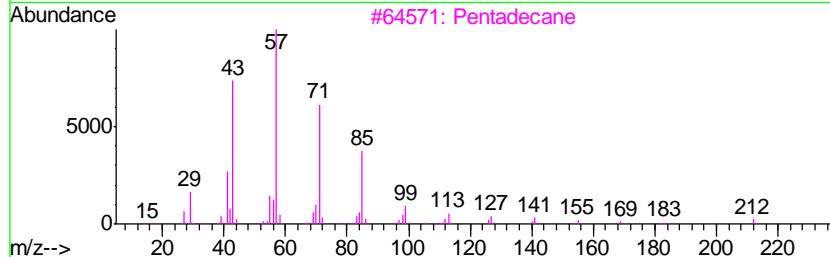
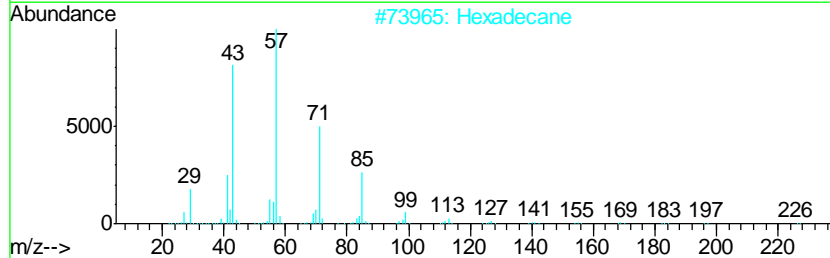
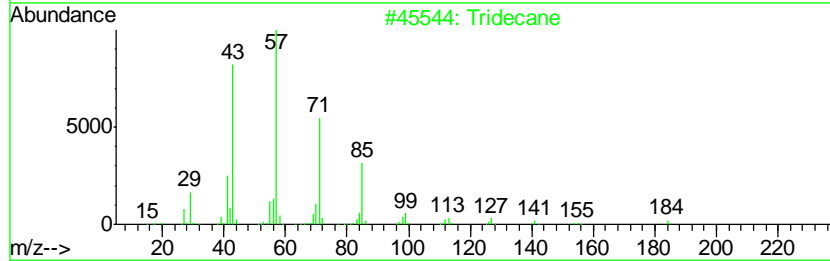
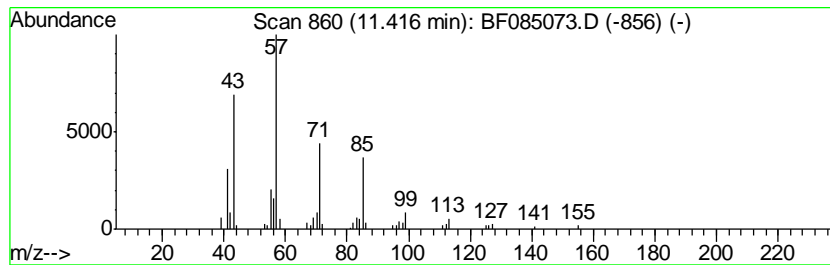
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 Peak Number 5 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.41 ng	166268	Acenaphthene-d10	10.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Octadecane	254	C18H38	000593-45-3	86



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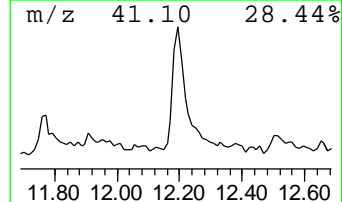
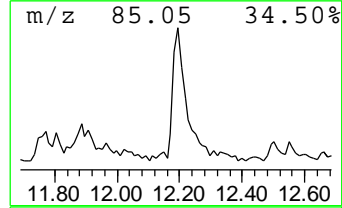
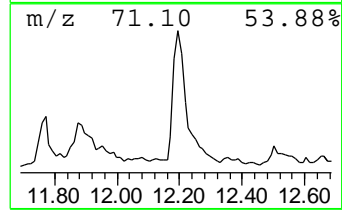
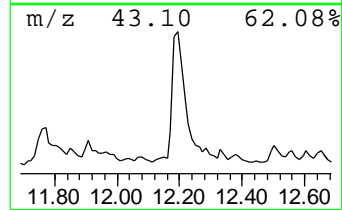
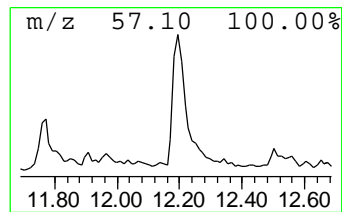
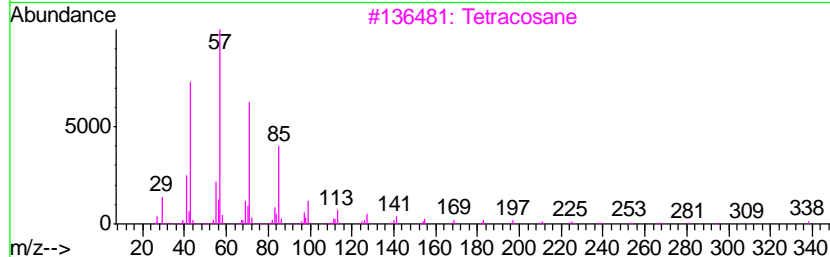
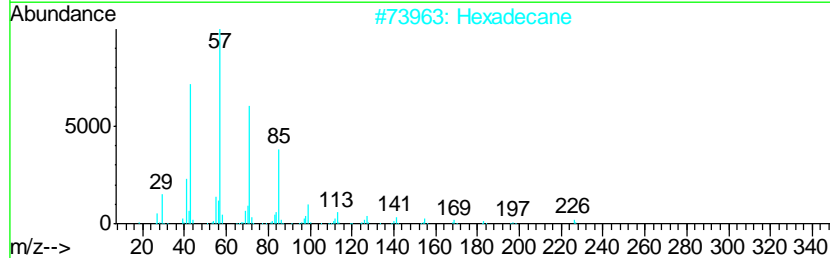
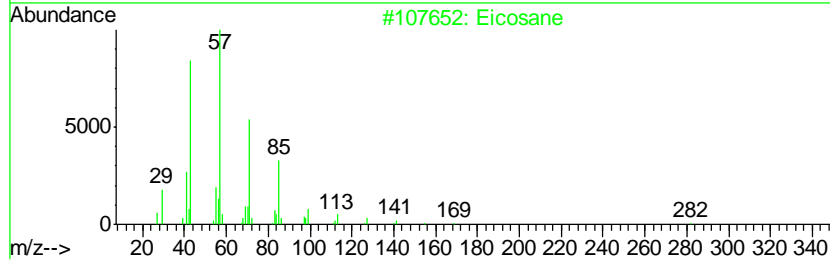
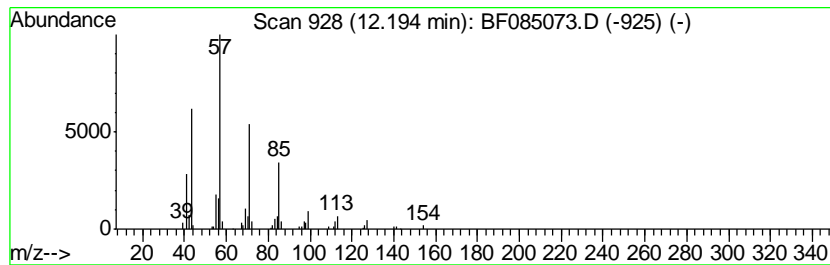
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 Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.43 ng	310554	Phenanthrene-d10	12.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Octadecane	254	C18H38	000593-45-3	80



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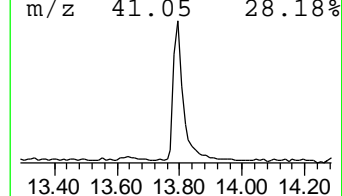
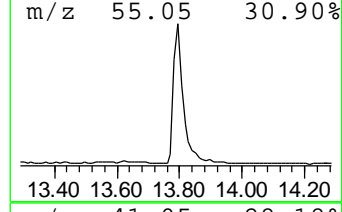
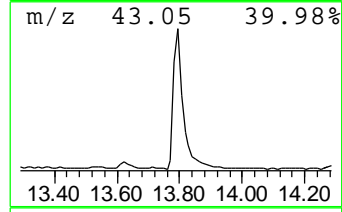
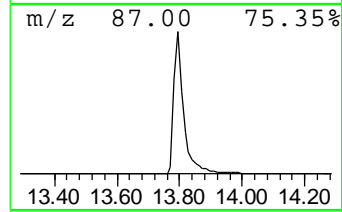
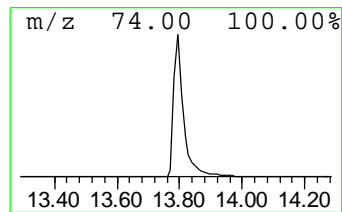
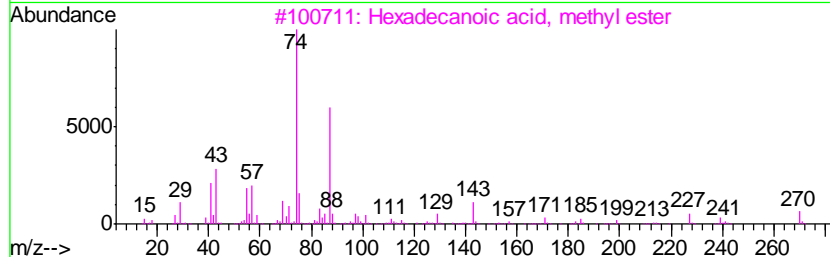
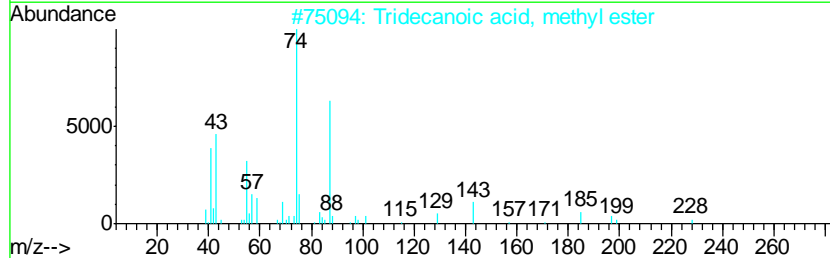
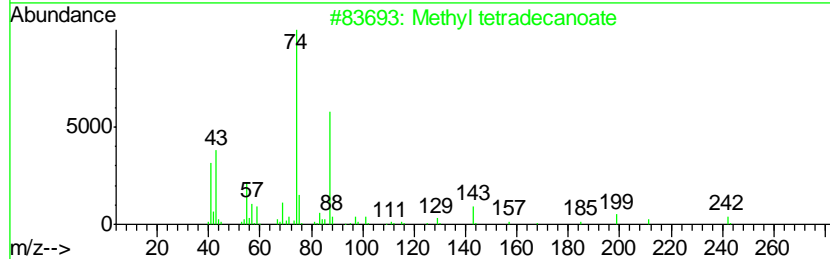
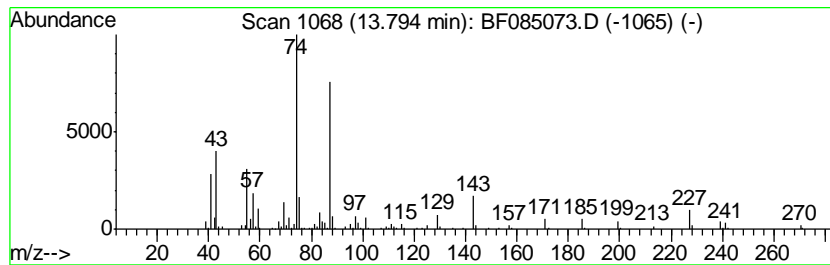
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 Peak Number 7 Methyl tetradecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	16.97 ng	970062	Phenanthrene-d10	12.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



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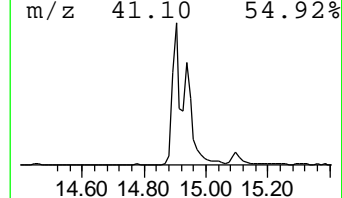
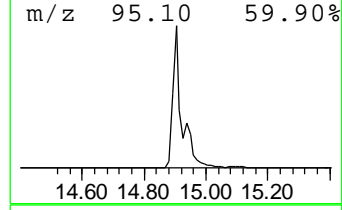
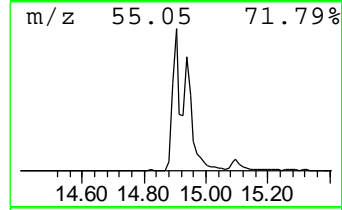
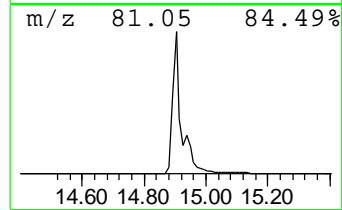
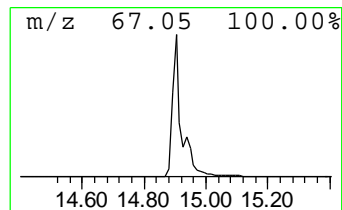
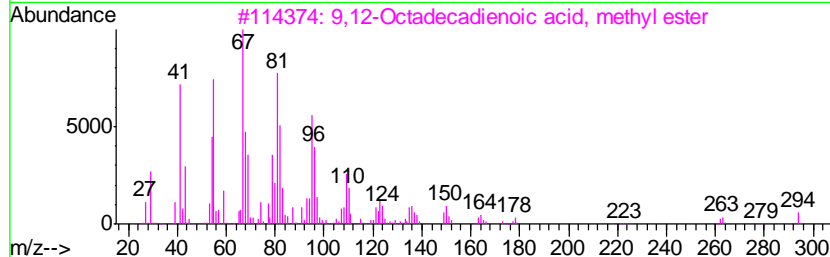
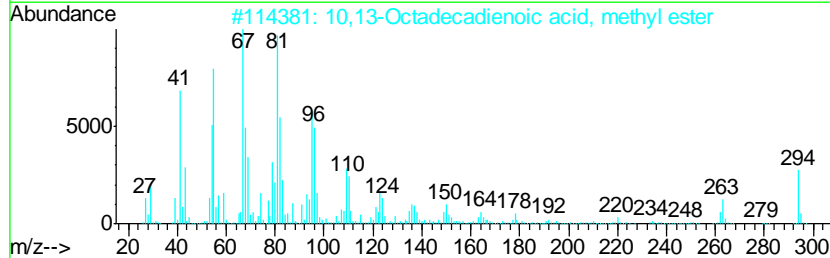
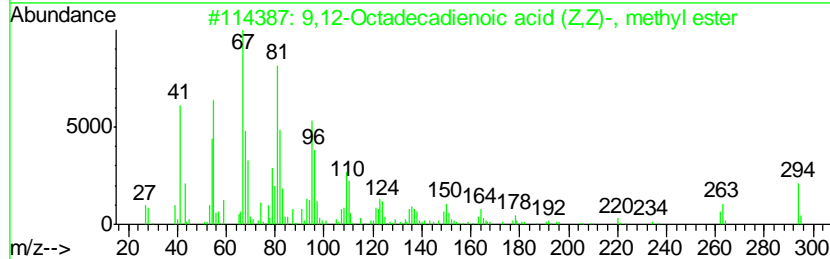
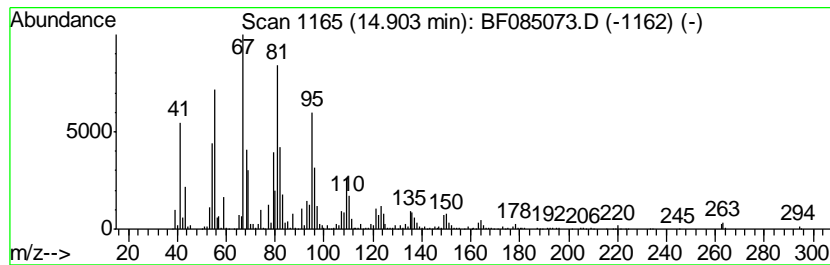
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 Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	65.41 ng	3738510	Phenanthrene-d10	12.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97
5		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	96



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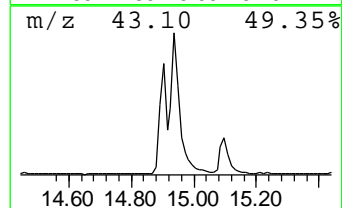
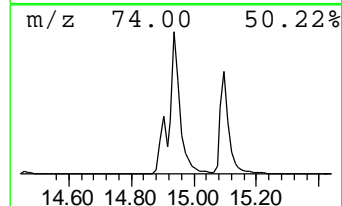
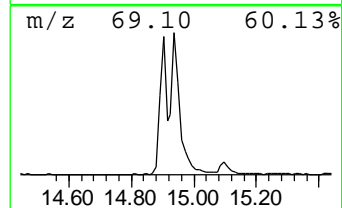
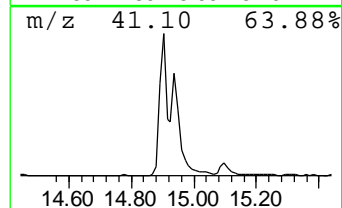
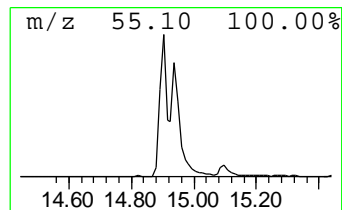
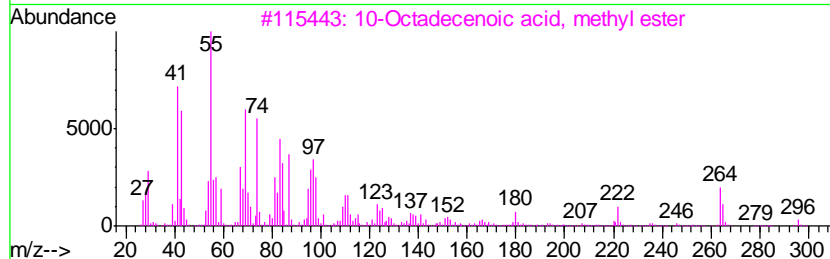
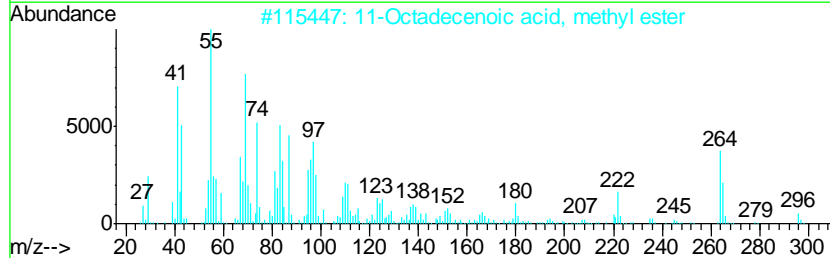
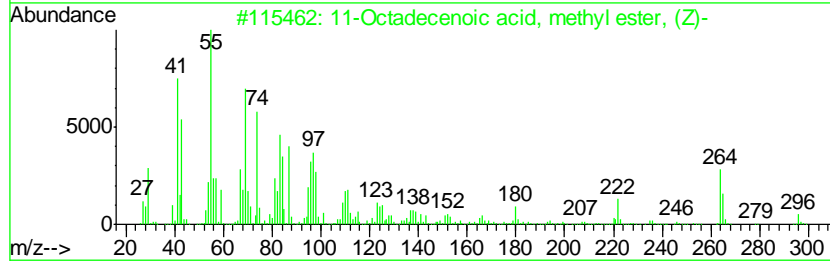
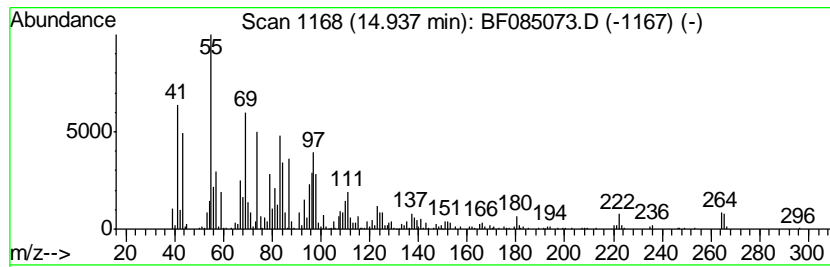
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 11-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	43.95 ng	2511920	Phenanthrene-d10	12.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085073.D
 Acq On : 13 Feb 2016 8:30
 Operator : SJ/IZ
 Sample : H1409-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SUP-B002(6-8)

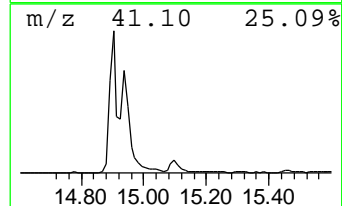
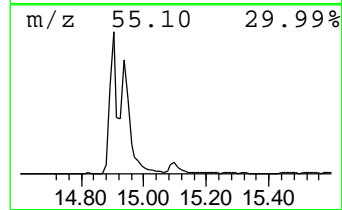
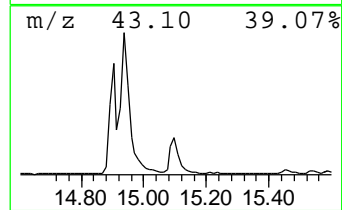
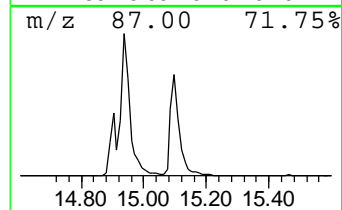
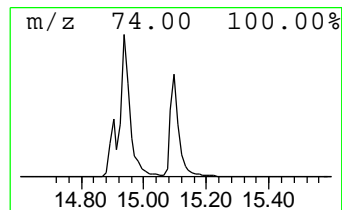
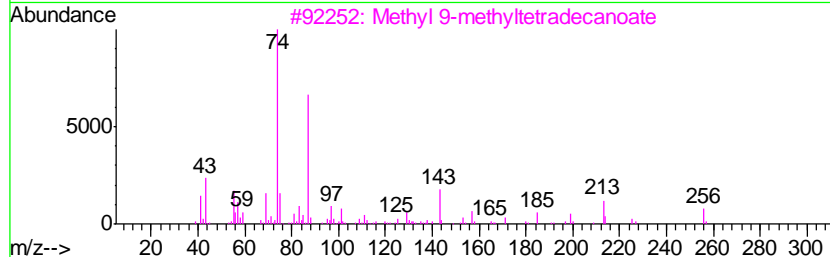
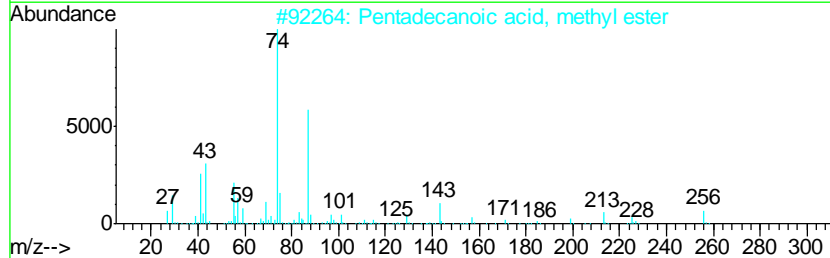
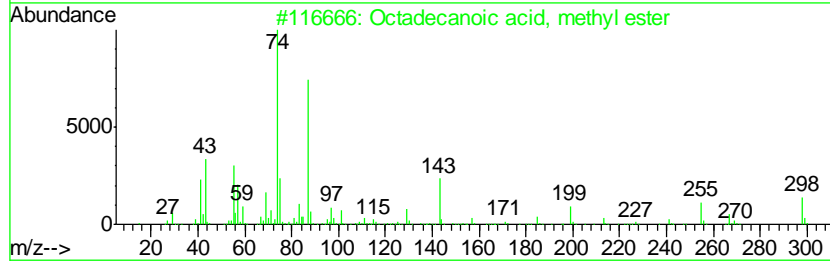
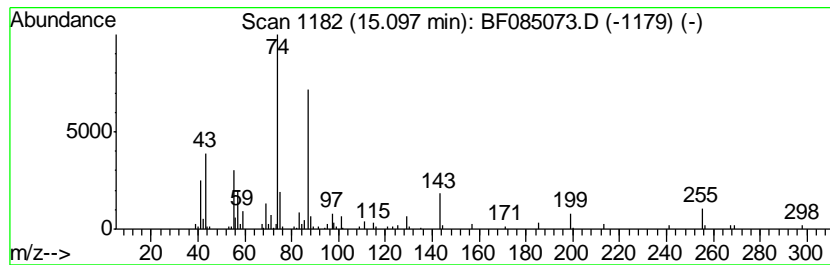
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Octadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.76 ng	399744	Chrysene-d12	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	91
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
3		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	86
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085073.D
 Acq On : 13 Feb 2016 8:30
 Operator : SJ/IZ
 Sample : H1409-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SUP-B002(6-8)

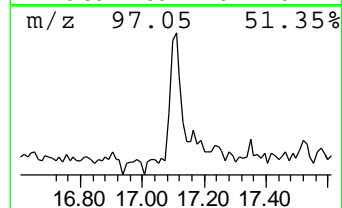
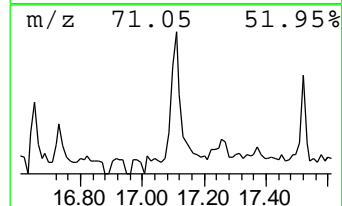
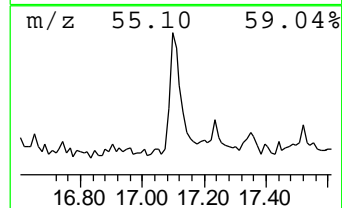
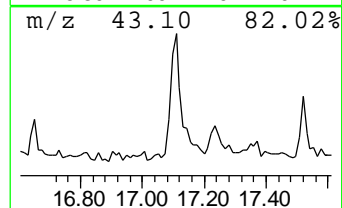
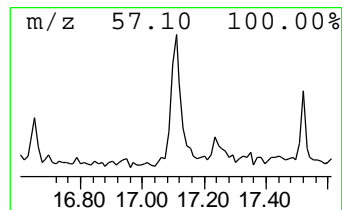
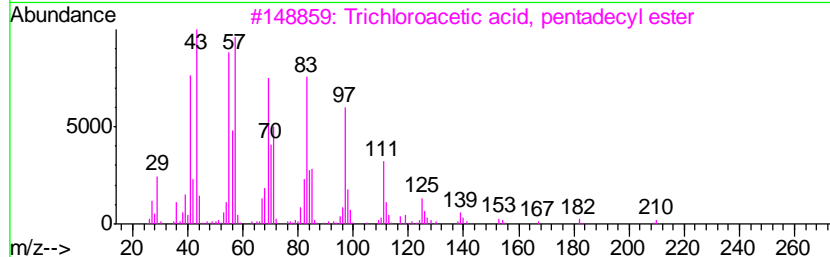
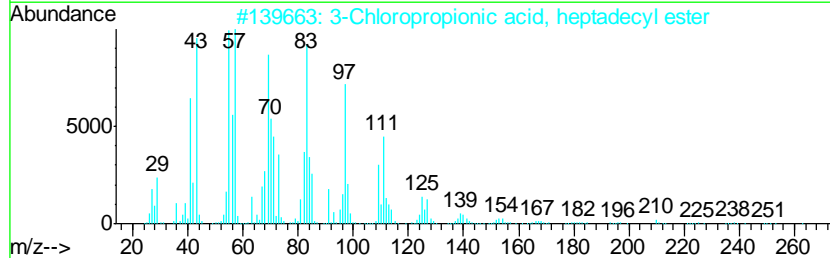
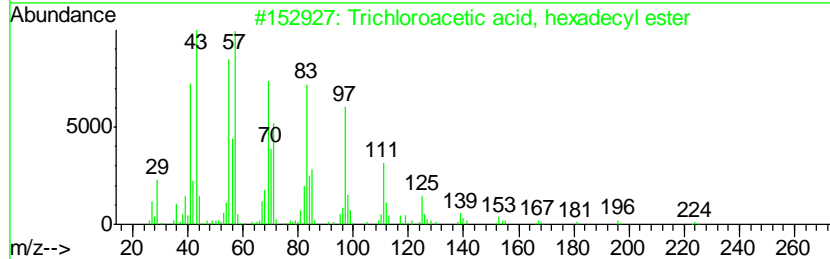
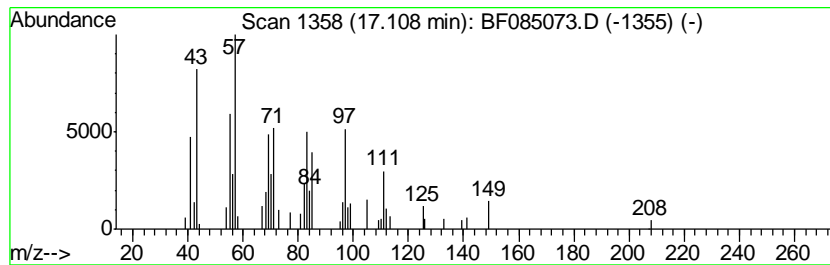
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	2.99 ng	136227	Chrysene-d12	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70
2		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
4		1-Nonadecene	266	C19H38	018435-45-5	62
5		1-Octadecene	252	C18H36	000112-88-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
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 Acq On : 13 Feb 2016 8:30
 Operator : SJ/IZ
 Sample : H1409-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B002(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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...	3.70	13.4	ng	767732	1	5.91	1142760	20.0
Tridecane	11.42	2.4	ng	166268	3	10.58	1381710	20.0
Eicosane	12.19	5.4	ng	310554	4	12.99	1143030	20.0
Methyl tetradecan...	13.79	17.0	ng	970062	4	12.99	1143030	20.0
9,12-Octadecadien...	14.90	65.4	ng	3738510	4	12.99	1143030	20.0
11-Octadecenoic a...	14.94	44.0	ng	2511920	4	12.99	1143030	20.0
Octadecanoic acid...	15.10	8.8	ng	399744	5	17.18	912232	20.0
Trichloroacetic a...	17.11	3.0	ng	136227	5	17.18	912232	20.0