

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102515.D
 Acq On : 27 Jan 2018 17:32
 Operator : SJ/JU
 Sample : J1009-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-012518-A

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-BF012218.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	5.328	546	551	554	rBV	3222290	3132717	12.24%	4.332%
2	6.363	722	727	743	rBV	3038033	3329684	13.01%	4.604%
3	6.487	743	748	751	rBV	3626100	3253638	12.71%	4.499%
4	6.710	783	786	794	rBV	1018404	918028	3.59%	1.269%
5	6.869	809	813	816	rBV	2861880	2467915	9.64%	3.413%
6	7.281	878	883	886	rBV	2102754	2000501	7.81%	2.766%
7	7.998	1001	1005	1010	rVB	1213381	1163620	4.55%	1.609%
8	9.069	1183	1187	1191	rBV	3223009	3180264	12.42%	4.398%
9	9.463	1250	1254	1257	rBV	337824	322656	1.26%	0.446%
10	9.751	1299	1303	1306	rVV	1286079	1224026	4.78%	1.693%
11	10.175	1372	1375	1378	rVB	382754	285757	1.12%	0.395%
12	10.539	1434	1437	1447	rVB	1838002	1723044	6.73%	2.383%
13	10.645	1452	1455	1464	rVB	315165	371570	1.45%	0.514%
14	11.233	1551	1555	1558	rBV	1226214	1021705	3.99%	1.413%
15	11.639	1618	1624	1627	rBV	7348352	10504792	41.04%	14.526%
16	11.945	1670	1676	1679	rBV3	201052	293463	1.15%	0.406%
17	12.357	1734	1746	1747	rBV4	8025984	25598446	100.00%	35.397%
18	12.433	1755	1759	1761	rVB	5264272	5263519	20.56%	7.278%
19	12.827	1820	1826	1829	rBV	2303199	2118302	8.28%	2.929%
20	13.063	1861	1866	1872	rVB2	535884	779926	3.05%	1.078%
21	13.139	1876	1879	1882	rBV	641060	604173	2.36%	0.835%
22	13.574	1948	1953	1958	rVB2	194781	296898	1.16%	0.411%
23	13.710	1973	1976	1986	rVB	281430	369305	1.44%	0.511%
24	13.810	1990	1993	1996	rVV	594717	501907	1.96%	0.694%
25	13.874	2001	2004	2007	rBV	844460	725519	2.83%	1.003%
26	15.304	2243	2247	2258	rVB	665323	866872	3.39%	1.199%

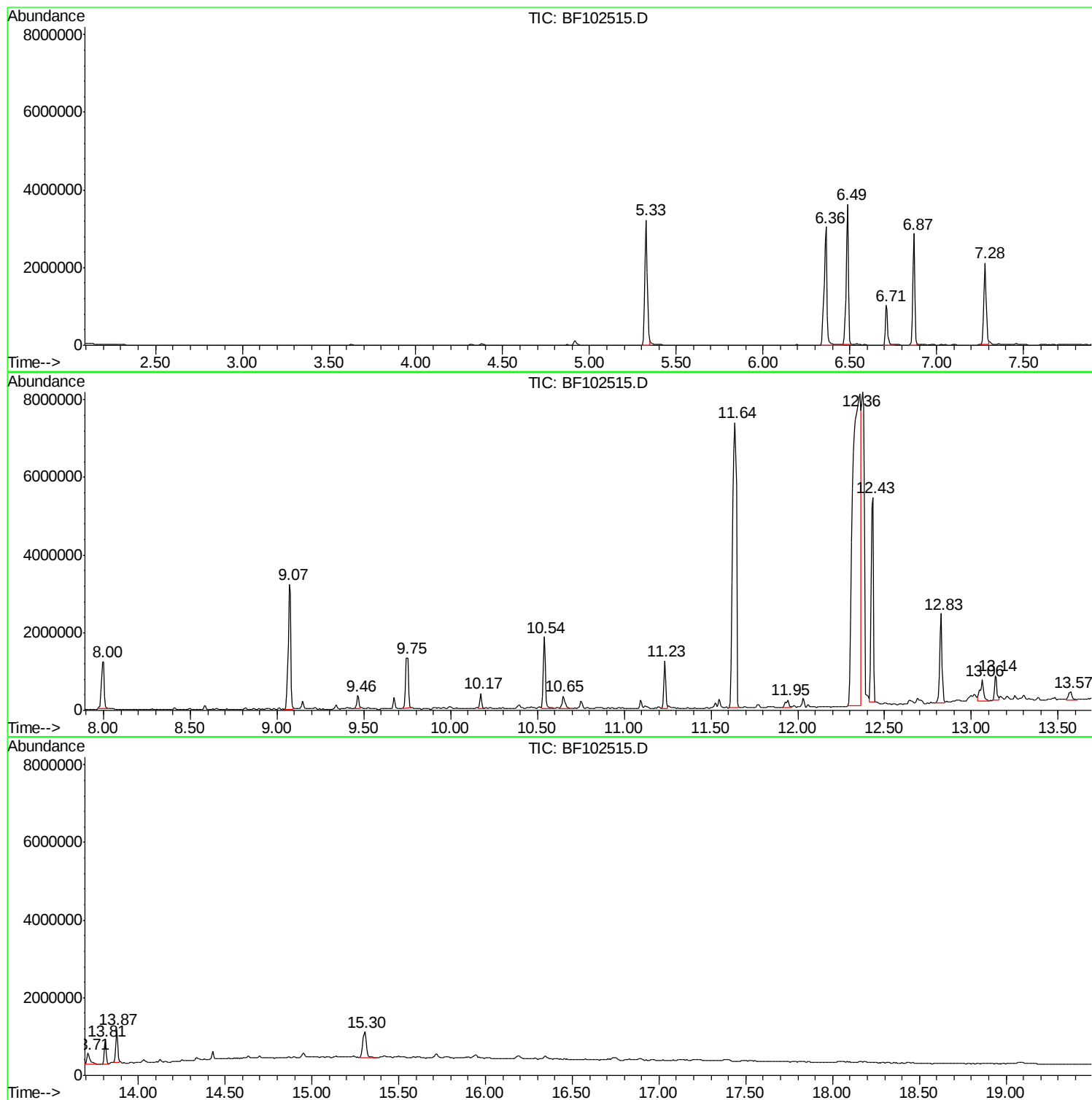
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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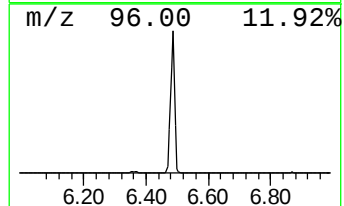
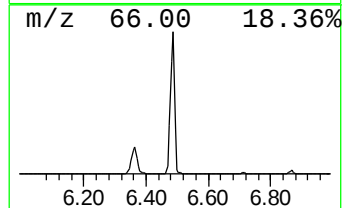
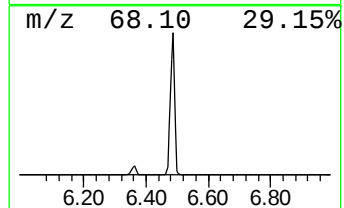
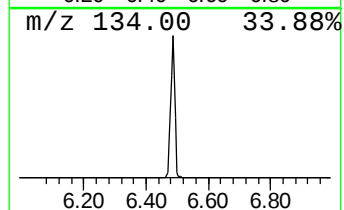
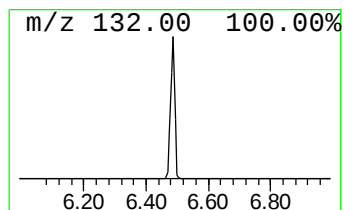
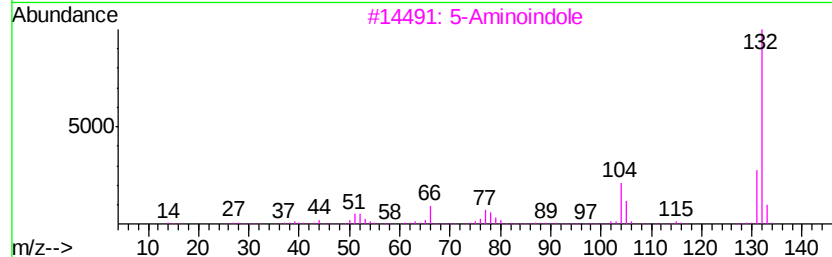
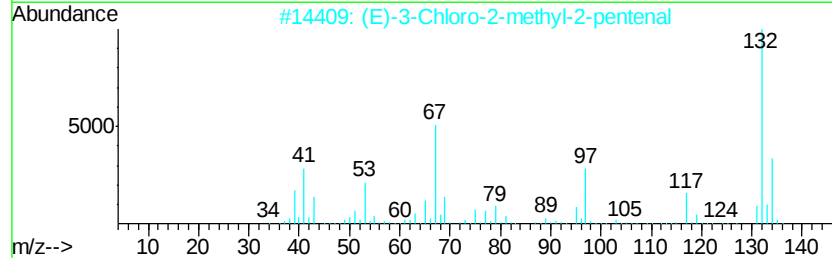
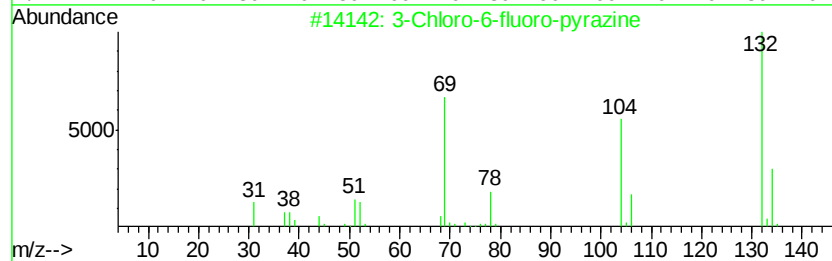
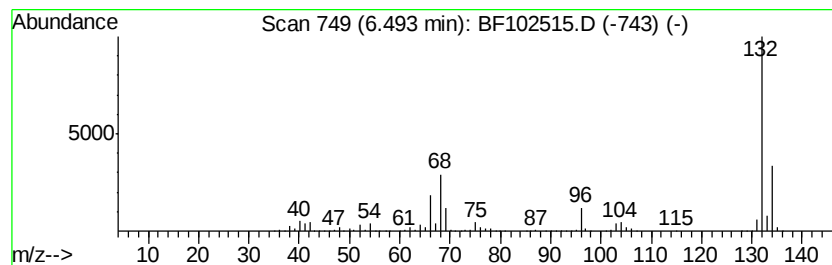
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	70.88 ng	3253640	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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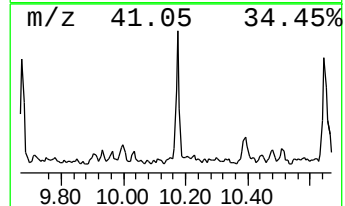
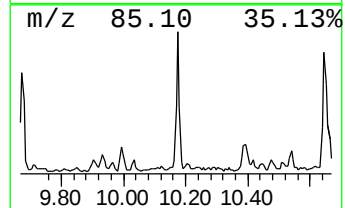
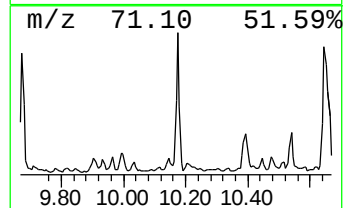
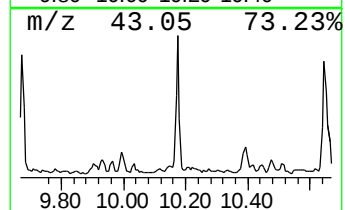
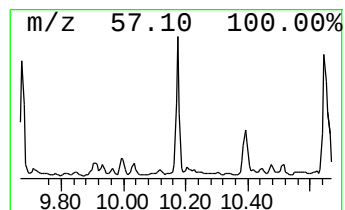
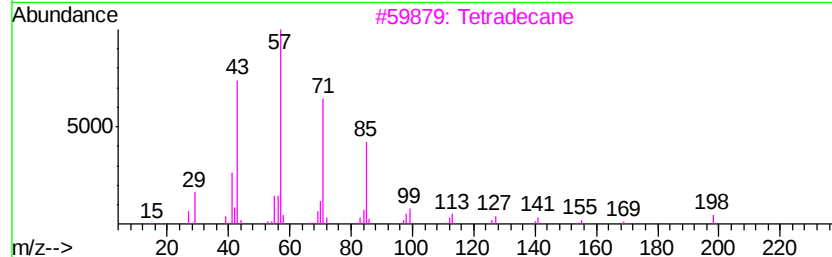
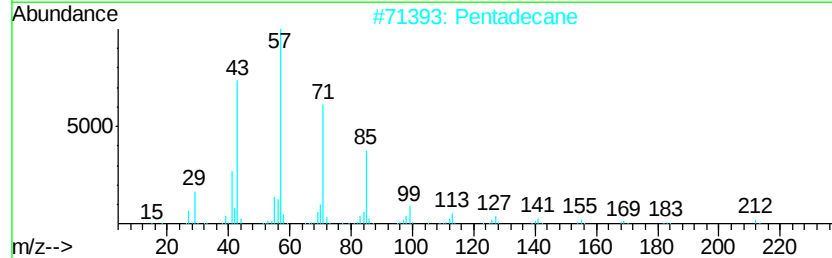
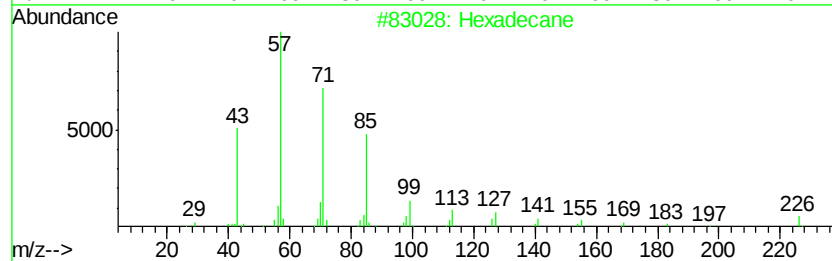
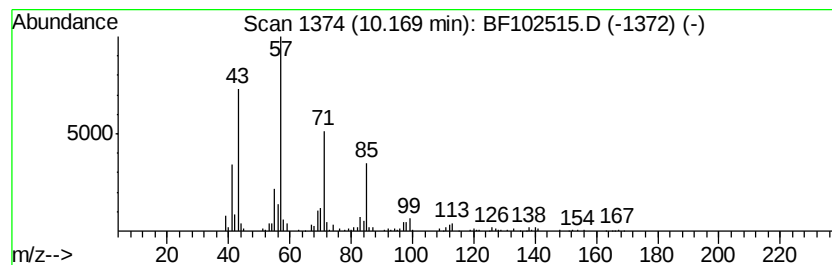
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.67 ng	285757	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	90
4	Nonadecane	268 C19H40	000629-92-5	87
5	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87



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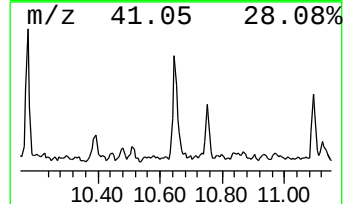
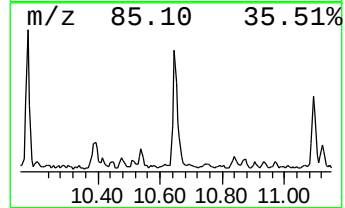
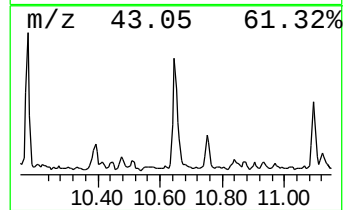
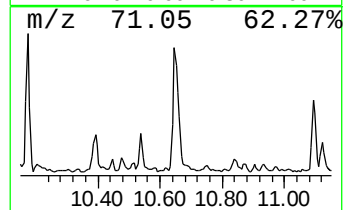
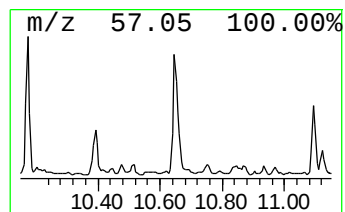
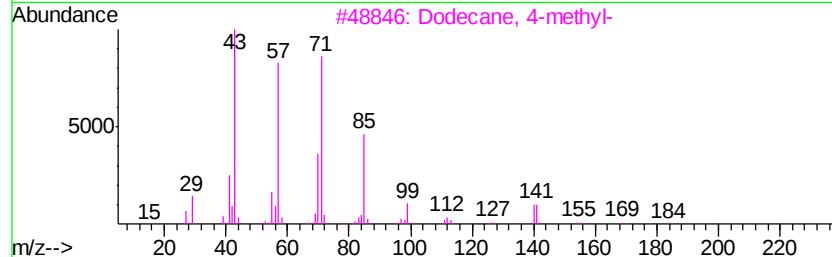
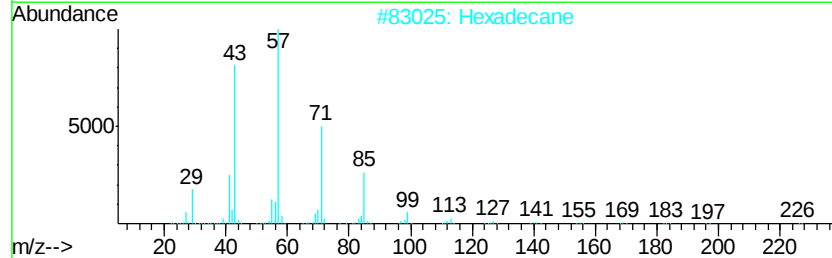
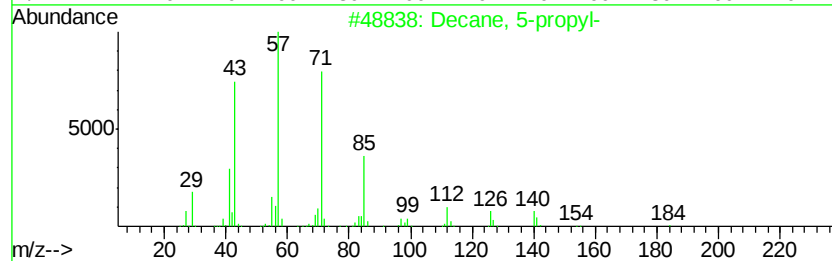
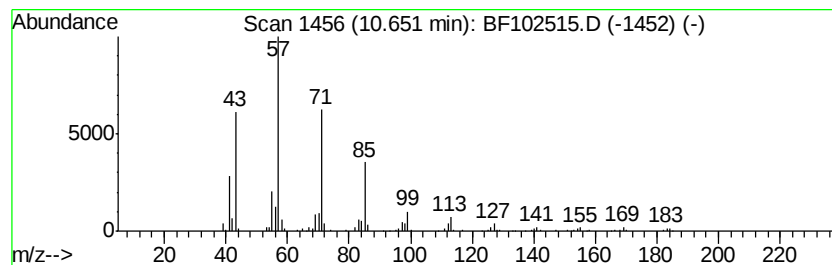
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Peak Number 4 Decane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	7.27 ng	371570	Phenanthrene-d10	11.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-propyl-	184 C13H28	017312-62-8	91
2	Hexadecane	226 C16H34	000544-76-3	90
3	Dodecane, 4-methyl-	184 C13H28	006117-97-1	87
4	Pentadecane	212 C15H32	000629-62-9	86
5	Heptadecane	240 C17H36	000629-78-7	86



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Misc :
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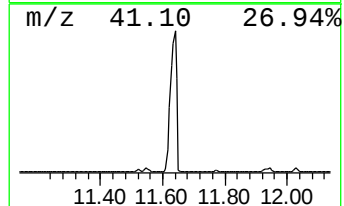
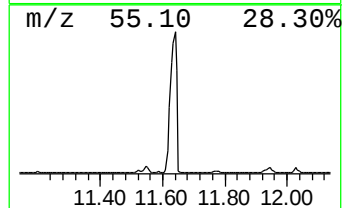
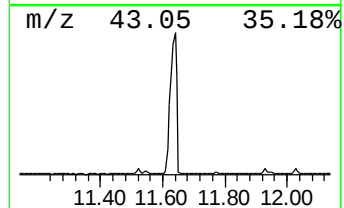
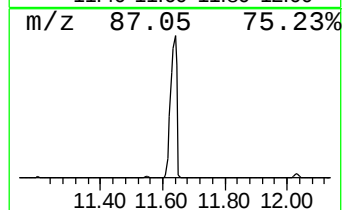
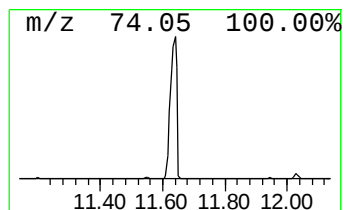
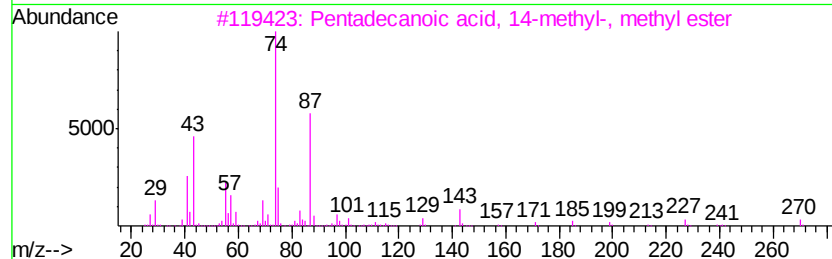
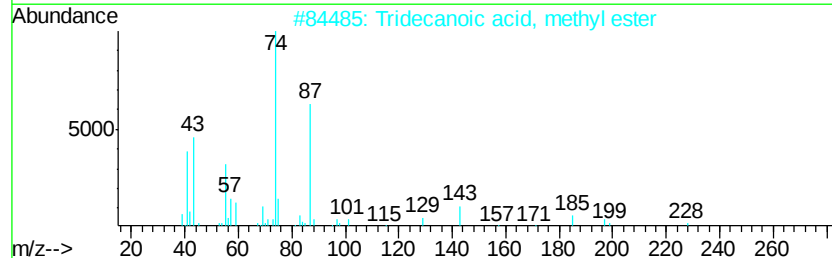
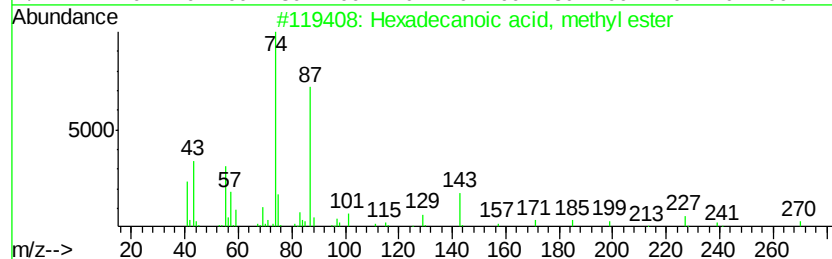
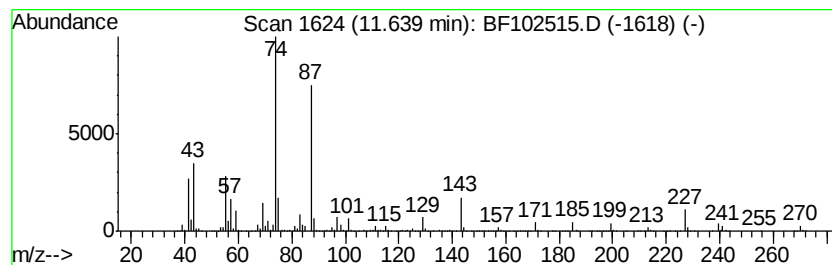
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	205.63 ng	10504800	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87



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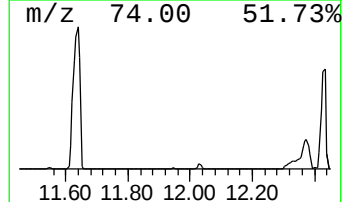
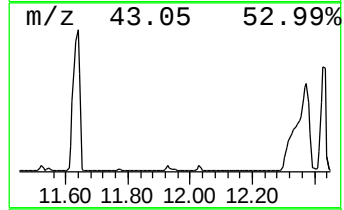
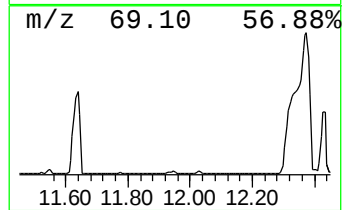
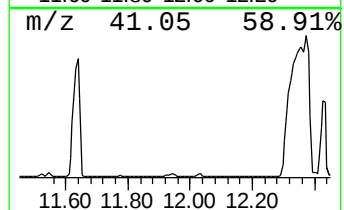
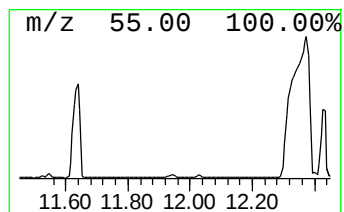
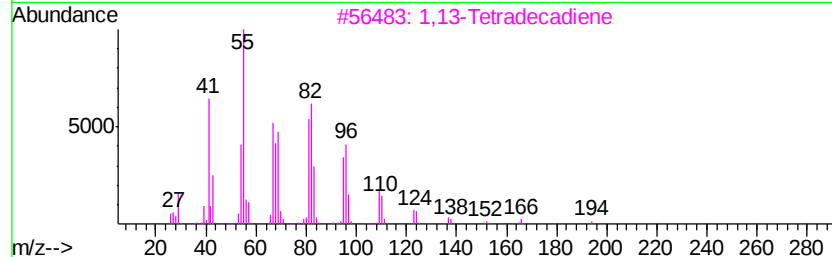
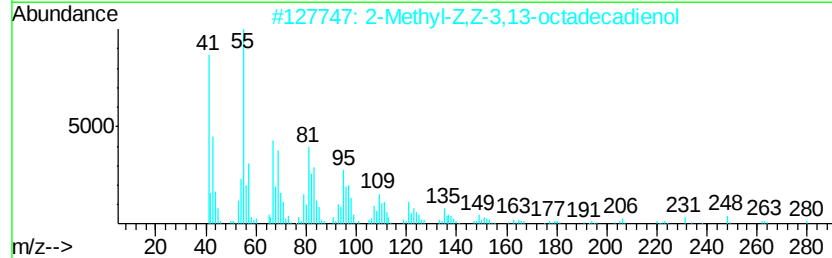
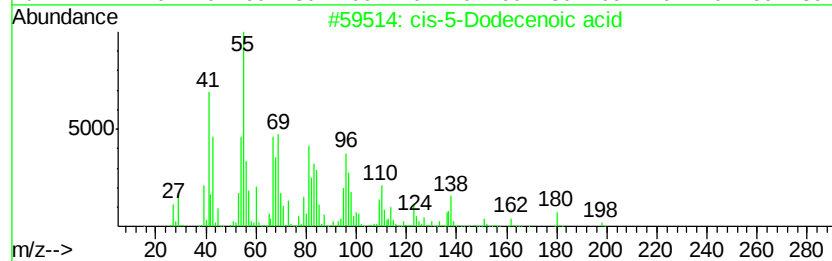
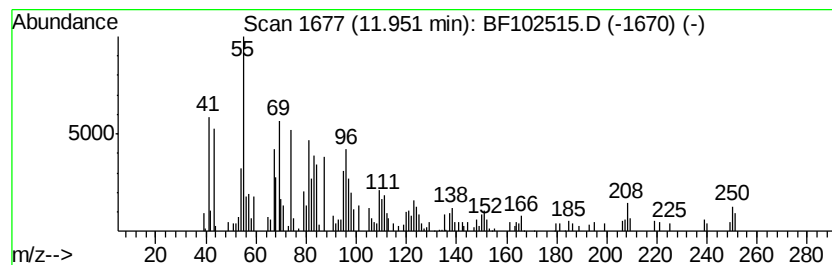
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Peak Number 6 cis-5-Dodecenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	5.74 ng	293463	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-5-Dodecenoic acid	198	C12H22O2	002430-94-6	64
2	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	58
3	1,13-Tetradecadiene	194	C14H26	021964-49-8	55
4	1,11-Dodecadiene	166	C12H22	005876-87-9	50
5	Z,E-2,13-Octadecadien-1-ol	266	C18H34O	1000131-10-3	50



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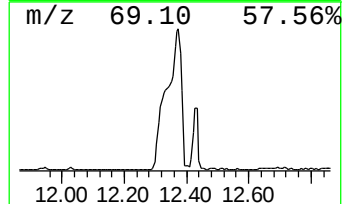
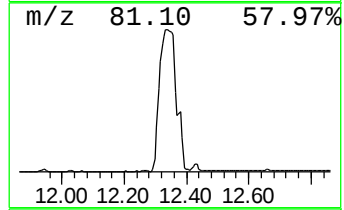
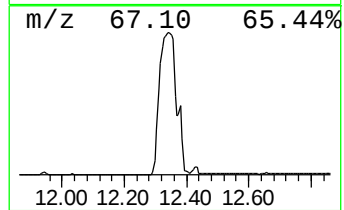
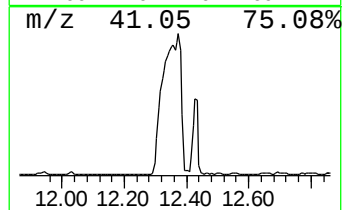
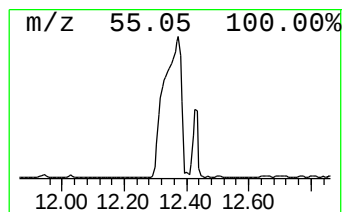
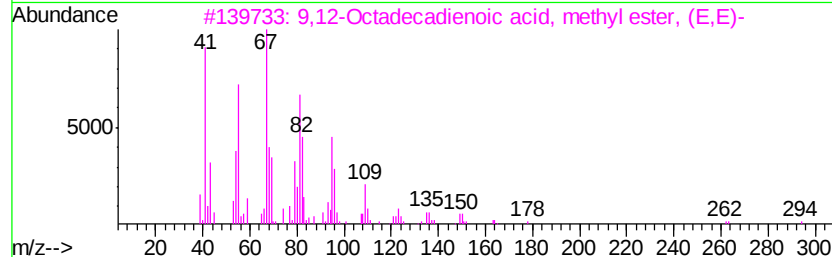
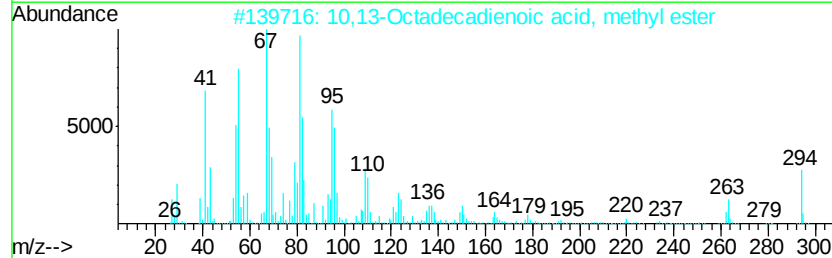
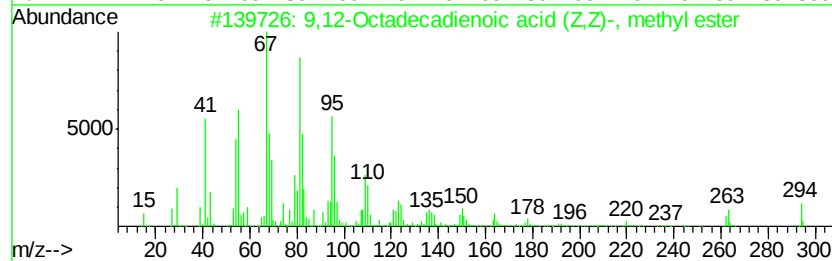
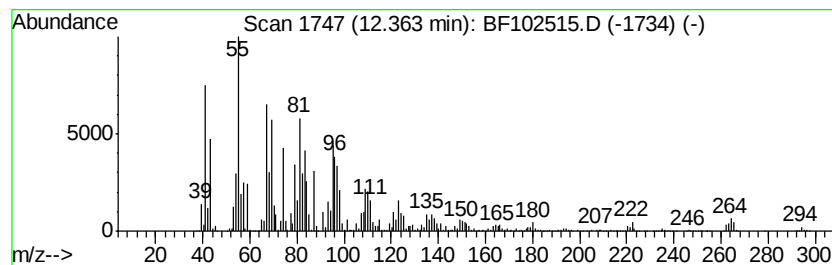
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.36	501.09 ng	25598400	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	002566-97-4	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102515.D
Acq On : 27 Jan 2018 17:32
Operator : SJ/JU
Sample : J1009-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-A

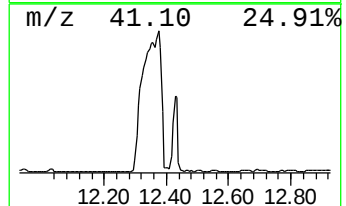
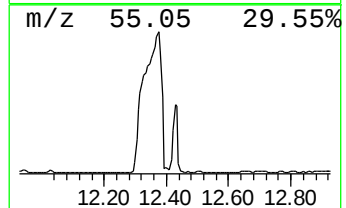
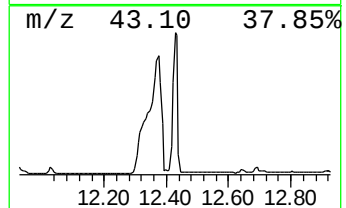
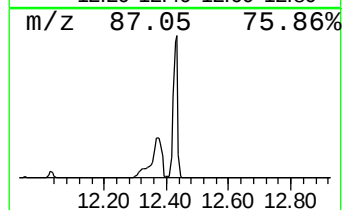
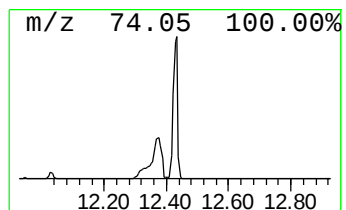
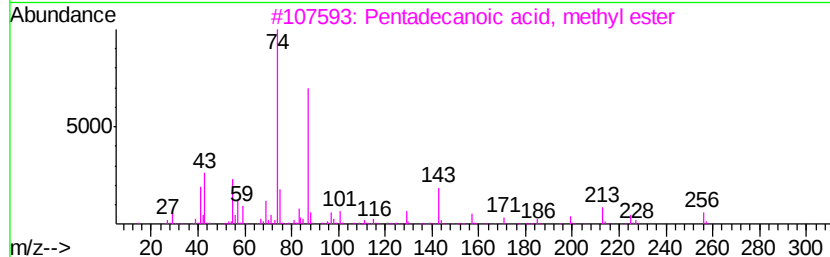
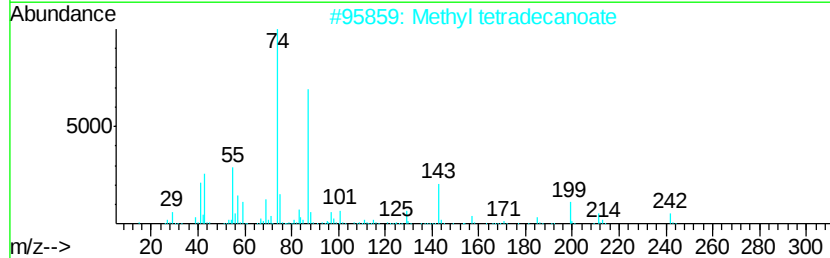
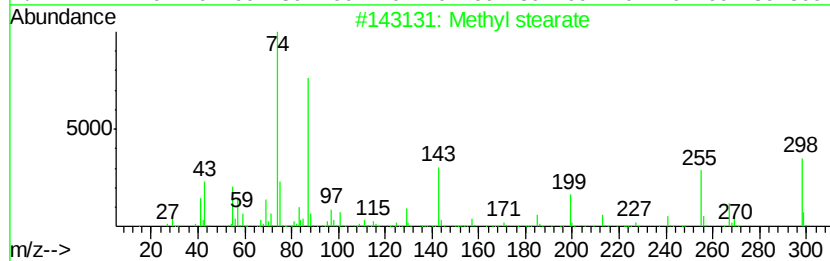
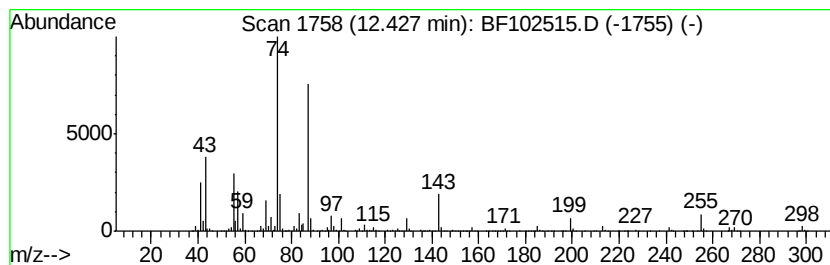
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	103.03 ng	5263520	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102515.D
Acq On : 27 Jan 2018 17:32
Operator : SJ/JU
Sample : J1009-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-A

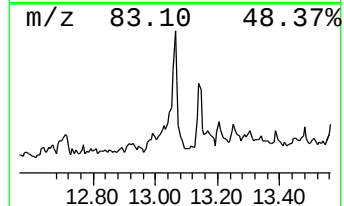
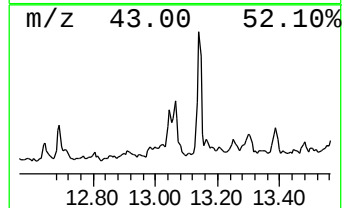
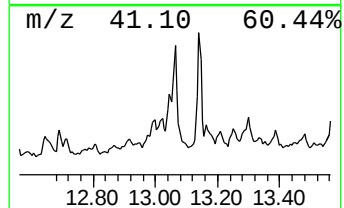
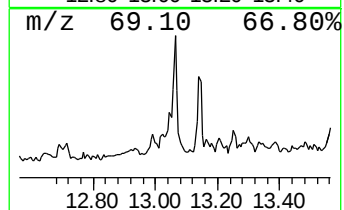
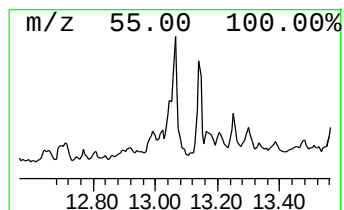
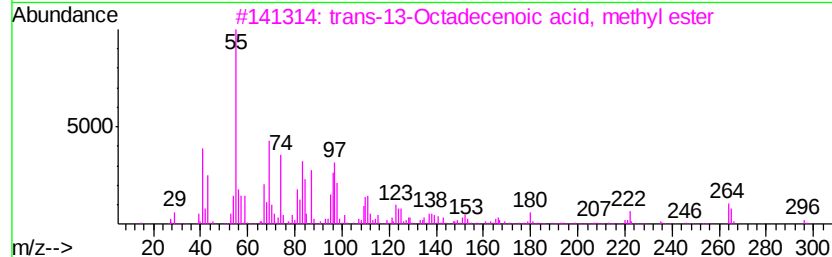
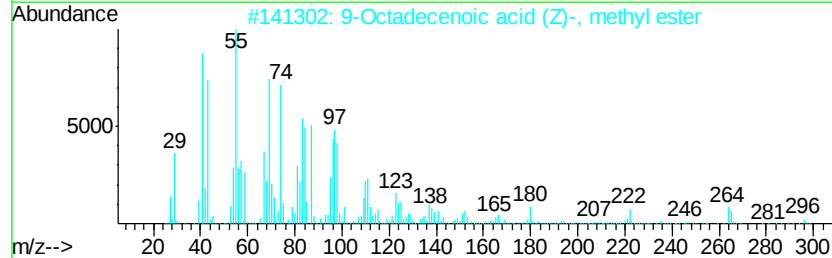
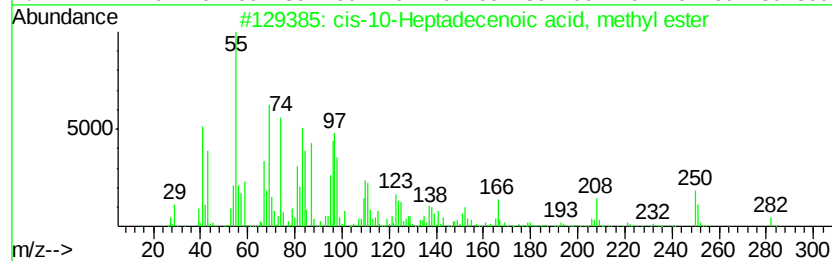
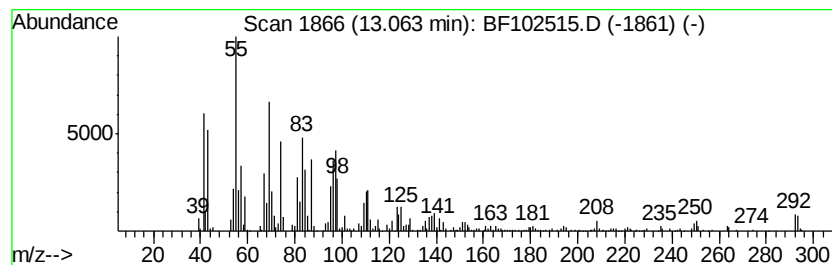
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 cis-10-Heptadecenoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	21.50 ng	779926	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	91
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
4		Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5		Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102515.D
Acq On : 27 Jan 2018 17:32
Operator : SJ/JU
Sample : J1009-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-05-012518-A

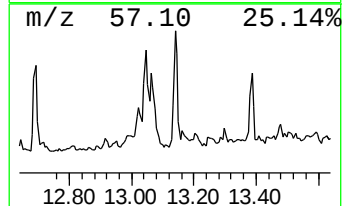
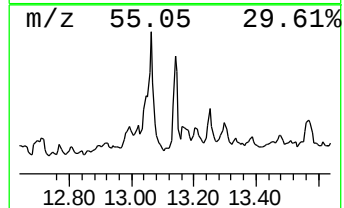
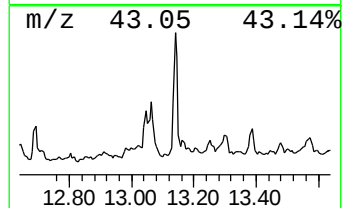
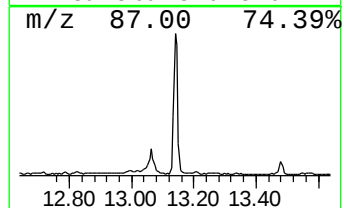
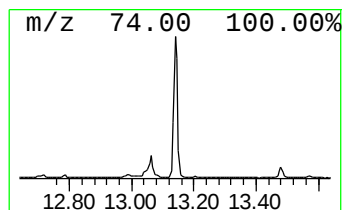
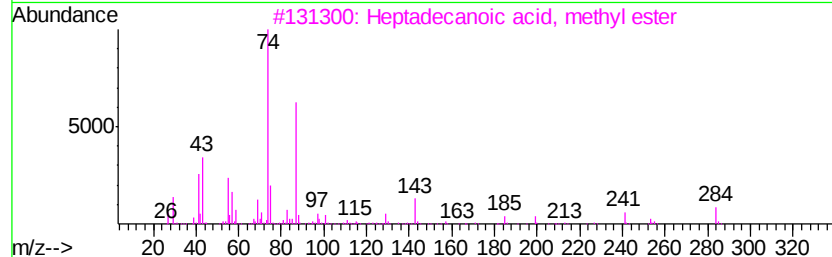
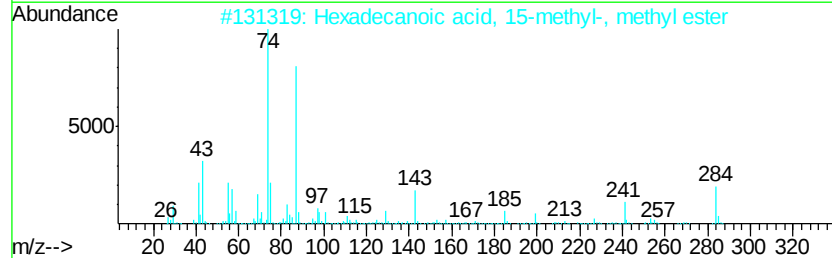
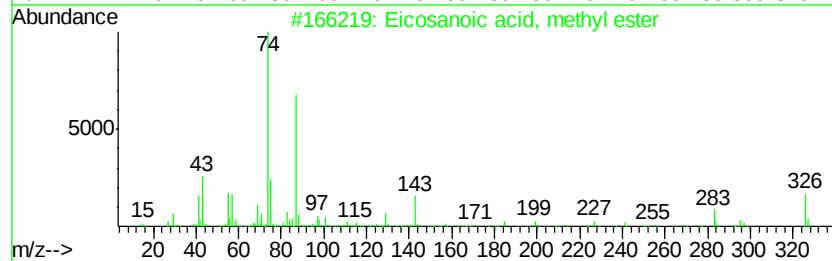
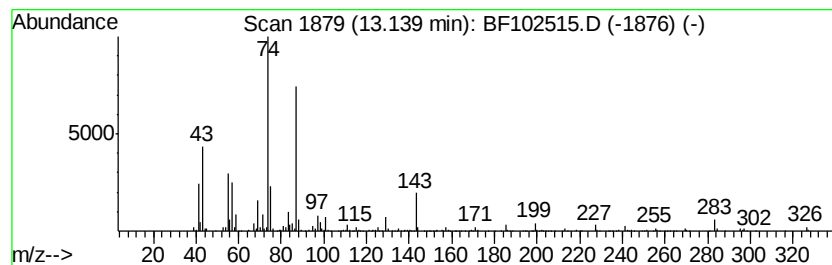
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Eicosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	16.65 ng	604173	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
4		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
5		Methyl stearate	298	C19H38O2	000112-61-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102515.D
Acq On : 27 Jan 2018 17:32
Operator : SJ/JU
Sample : J1009-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-A

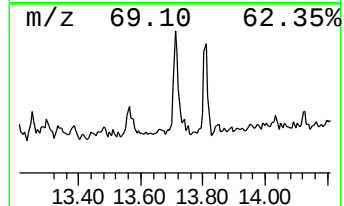
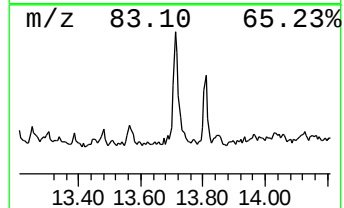
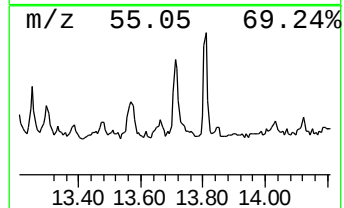
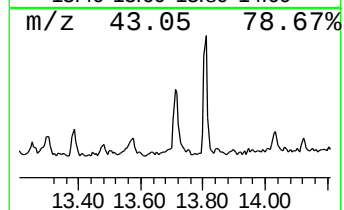
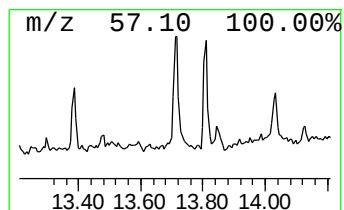
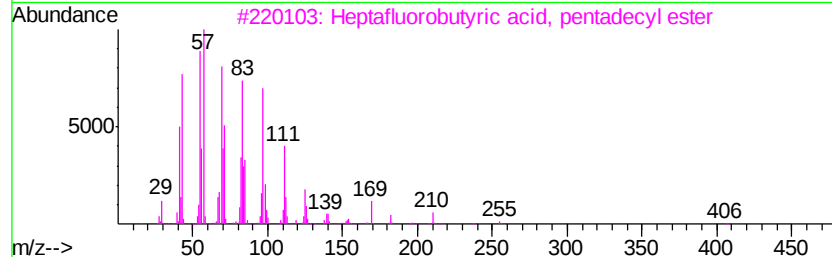
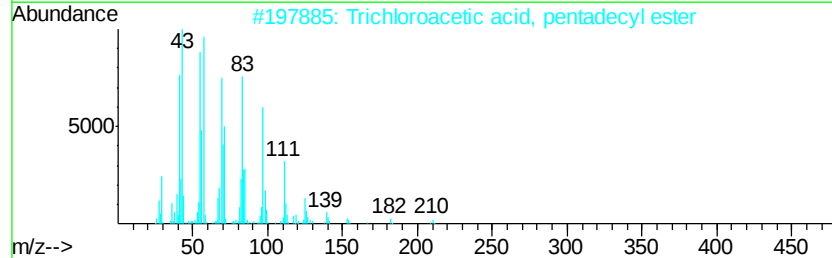
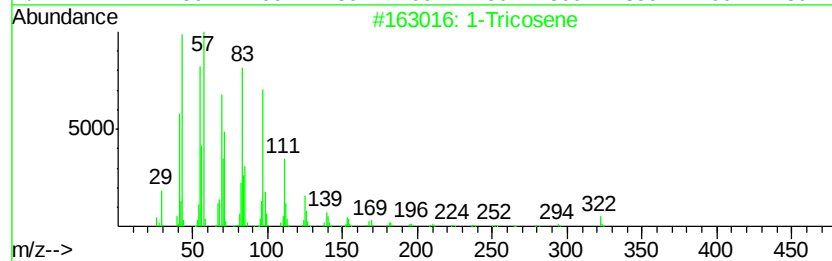
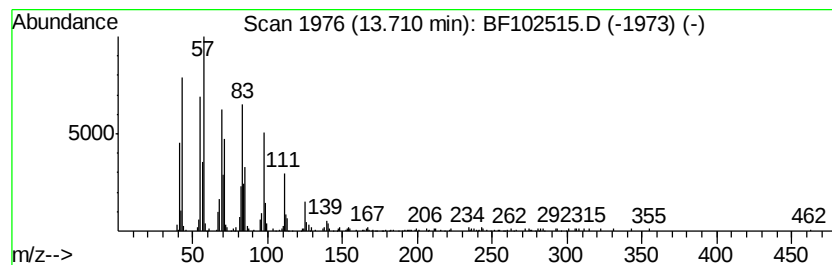
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Tricosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	10.18 ng	369305	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	97
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102515.D
Acq On : 27 Jan 2018 17:32
Operator : SJ/JU
Sample : J1009-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-A

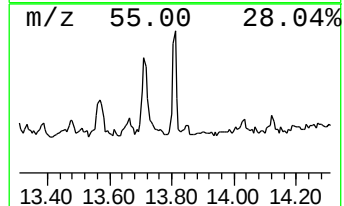
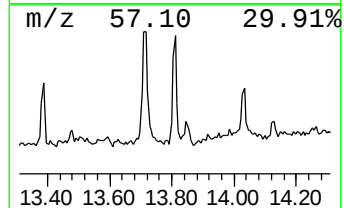
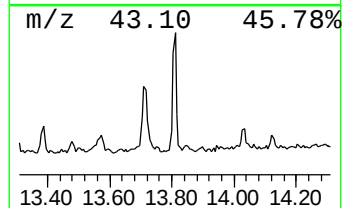
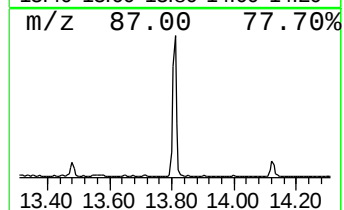
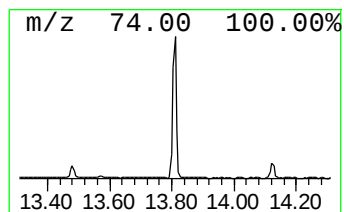
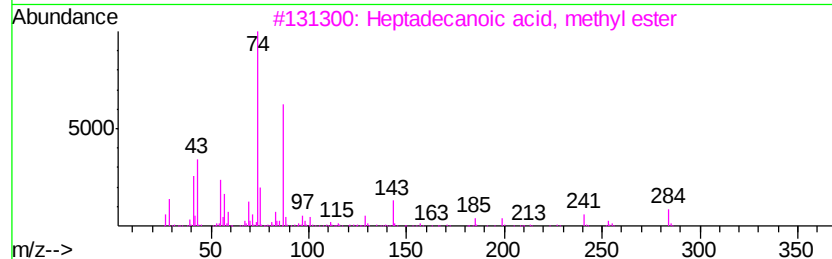
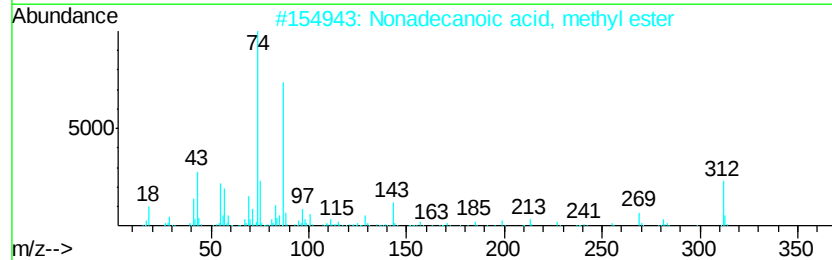
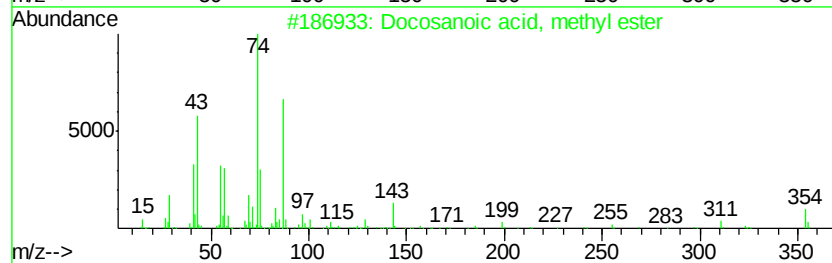
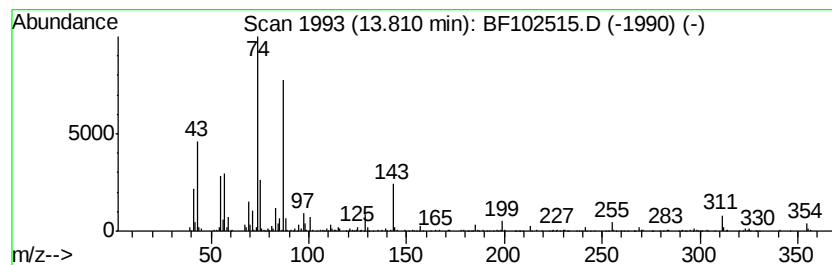
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Docosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	13.84 ng	501907	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102515.D
 Acq On : 27 Jan 2018 17:32
 Operator : SJ/JU
 Sample : J1009-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-012518-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecane	10.17	4.7	ng	285757	3	9.75	1224030	20.0
Decane, 5-propyl-	10.65	7.3	ng	371570	4	11.23	1021710	20.0
Hexadecanoic acid...	11.64	205.6	ng	10504800	4	11.23	1021710	20.0
cis-5-Dodecenoic ...	11.95	5.7	ng	293463	4	11.23	1021710	20.0
9,12-Octadecadien...	12.36	501.1	ng	25598400	4	11.23	1021710	20.0
Methyl stearate	12.43	103.0	ng	5263520	4	11.23	1021710	20.0
cis-10-Heptadecen...	13.06	21.5	ng	779926	5	13.87	725519	20.0
Eicosanoic acid, ...	13.14	16.6	ng	604173	5	13.87	725519	20.0
unknown13.57	13.57	8.2	ng	296898	5	13.87	725519	20.0
1-Tricosene	13.71	10.2	ng	369305	5	13.87	725519	20.0
Docosanoic acid, ...	13.81	13.8	ng	501907	5	13.87	725519	20.0