

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107747.D
 Acq On : 27 Jul 2018 15:53
 Operator : JU/SJ
 Sample : J4121-08 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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	5.589	550	553	576	rBV	662631	1412119	3.24%	1.490%
2	6.595	720	724	741	rBV	775872	1570735	3.60%	1.657%
3	6.731	744	747	772	rVB	1320963	1944788	4.46%	2.052%
4	6.960	783	786	808	rBV	587938	921134	2.11%	0.972%
5	7.113	808	812	840	rVB	1225178	1472357	3.38%	1.553%
6	7.525	878	882	907	rBV	583584	1164930	2.67%	1.229%
7	8.242	1000	1004	1025	rBV	1007076	1261130	2.89%	1.331%
8	9.313	1182	1186	1194	rBV	1838530	1934832	4.44%	2.041%
9	10.001	1299	1303	1305	rBV	1242099	1215578	2.79%	1.283%
10	10.024	1305	1307	1316	rVB	867559	746238	1.71%	0.787%
11	10.795	1434	1438	1450	rBV	956939	1270264	2.91%	1.340%
12	10.989	1468	1471	1476	rBV	1449831	1223154	2.81%	1.291%
13	11.495	1553	1557	1568	rBV	1075381	1263704	2.90%	1.333%
14	11.789	1604	1607	1611	rVB	2064739	1709080	3.92%	1.803%
15	11.883	1616	1623	1626	rBV	8508376	13778463	31.60%	14.537%
16	12.271	1685	1689	1695	rBV	498681	485896	1.11%	0.513%
17	12.624	1733	1749	1752	rBV7	8759033	43600853	100.00%	46.002%
18	12.648	1752	1753	1754	rVV	1624209	931136	2.14%	0.982%
19	12.677	1754	1758	1761	rVV	7278974	7735802	17.74%	8.162%
20	13.083	1824	1827	1833	rBV	1462522	1468797	3.37%	1.550%
21	13.307	1860	1865	1875	rVB2	1610582	2390044	5.48%	2.522%
22	13.383	1875	1878	1881	rBV	1150843	1041331	2.39%	1.099%
23	14.054	1989	1992	1998	rVB	839713	740788	1.70%	0.782%
24	14.148	2004	2008	2017	rBV	1029377	1277652	2.93%	1.348%
25	14.677	2095	2098	2109	rVB2	404208	484325	1.11%	0.511%
26	15.683	2266	2269	2275	rVB	591197	796986	1.83%	0.841%
27	16.118	2339	2343	2348	rBV	301744	460416	1.06%	0.486%
28	16.653	2430	2434	2447	rVB	223469	478166	1.10%	0.504%

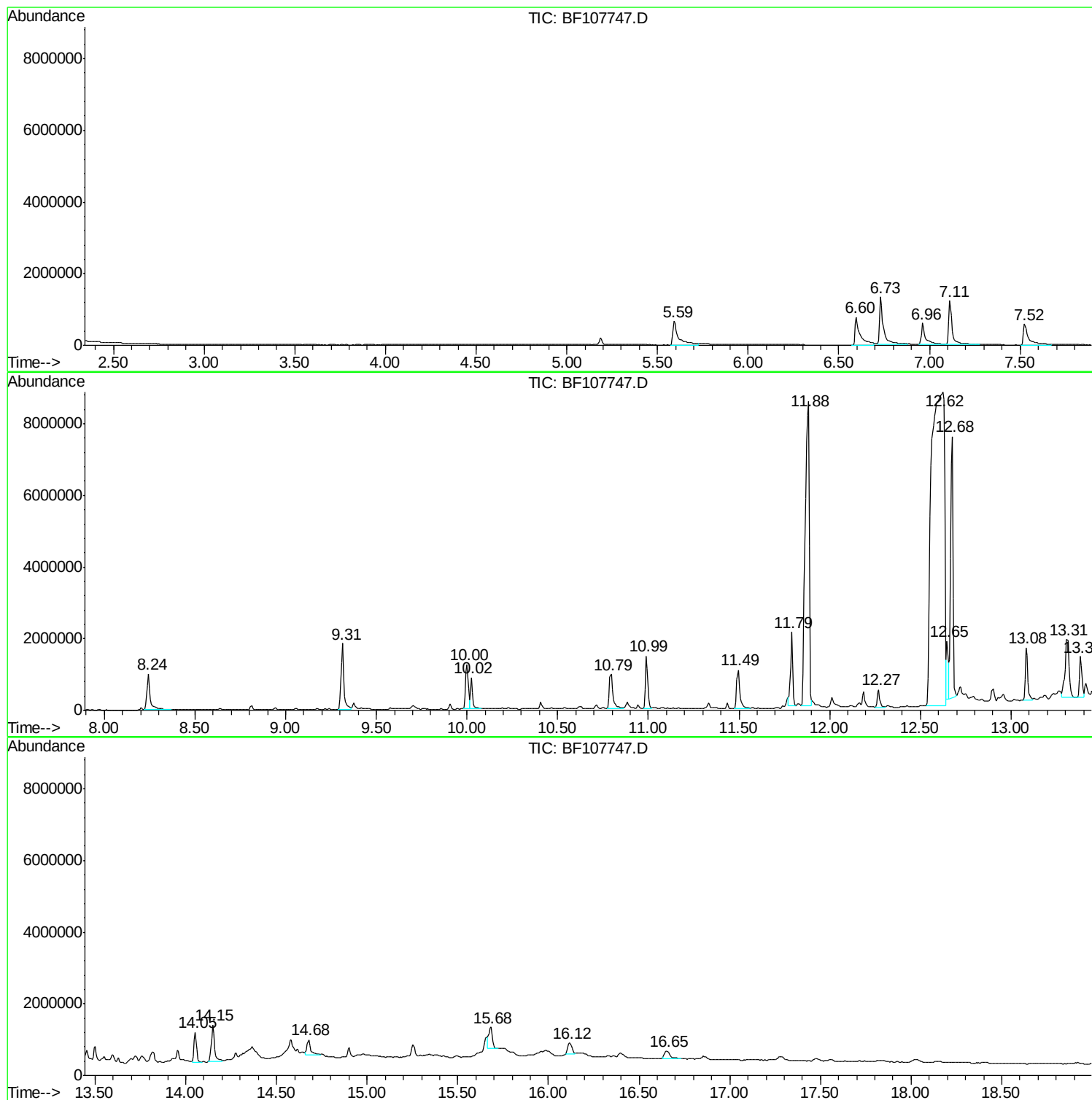
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ClientSampleId :
SB-7(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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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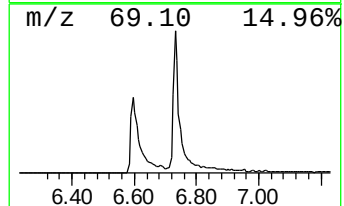
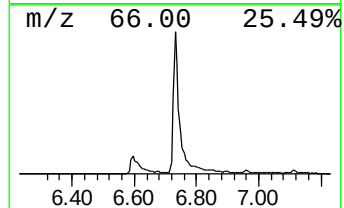
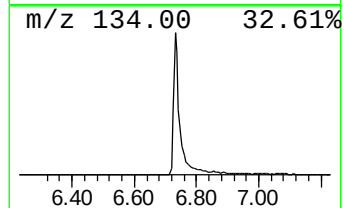
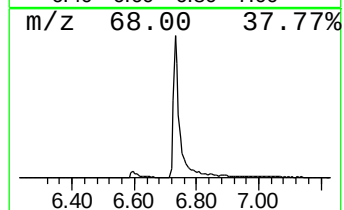
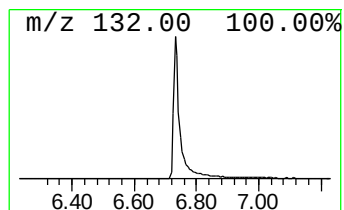
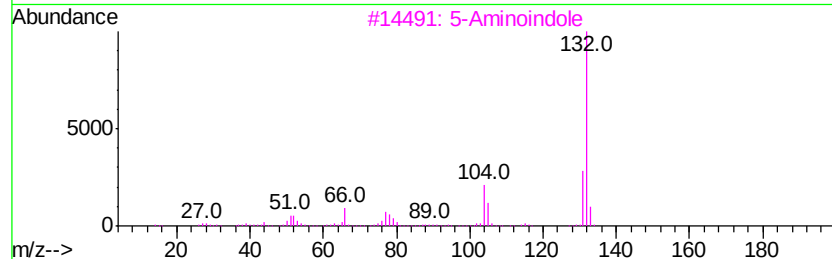
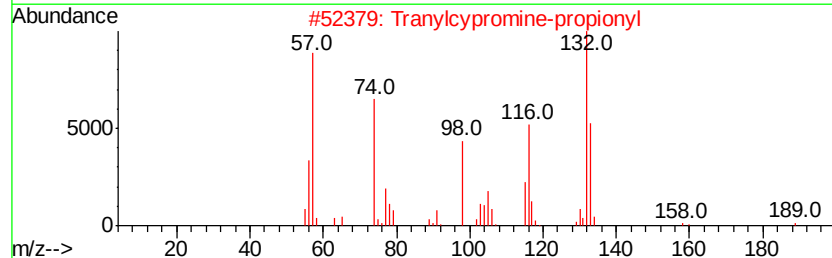
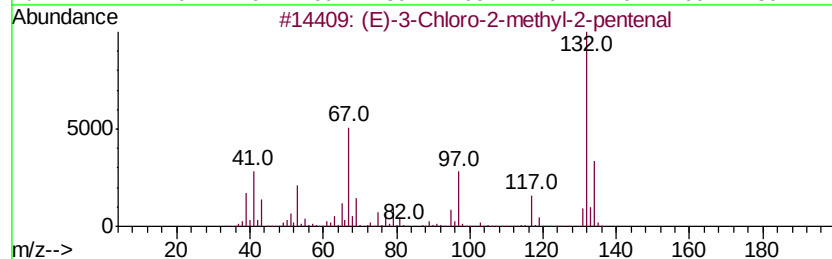
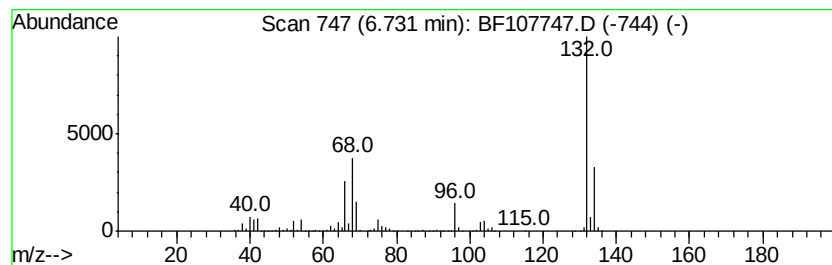
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	42.23 ng	1944790	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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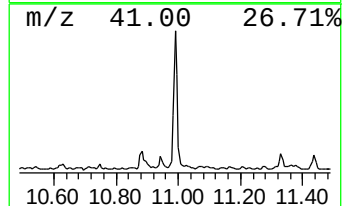
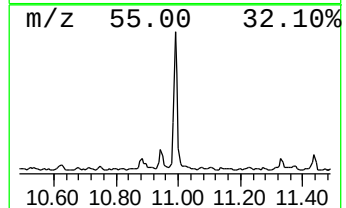
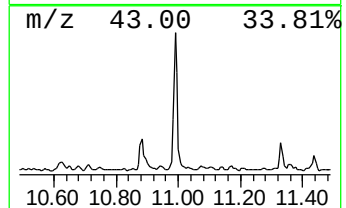
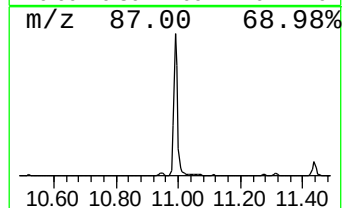
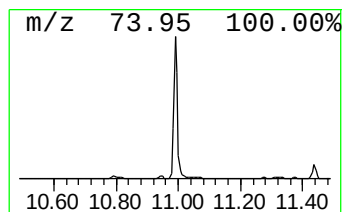
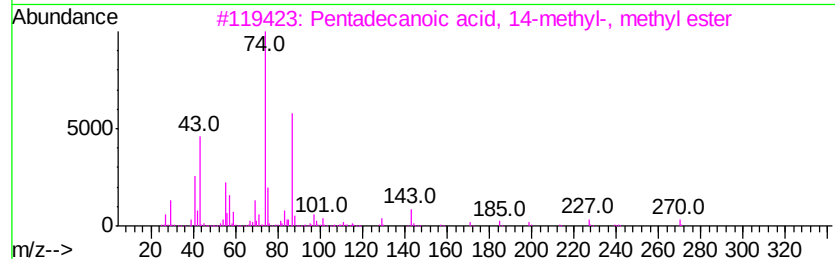
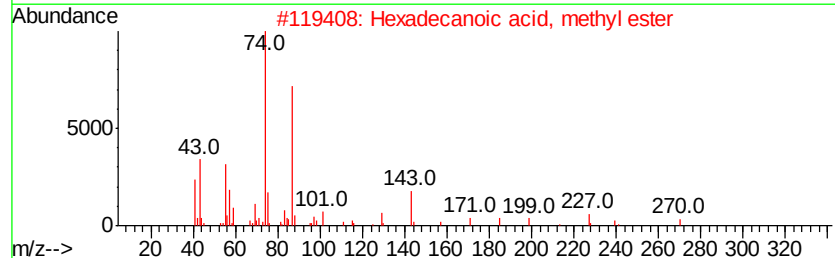
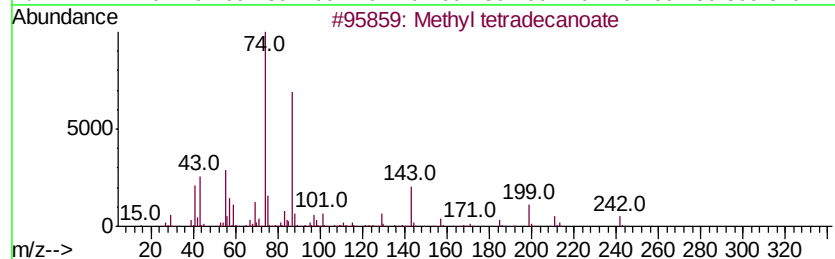
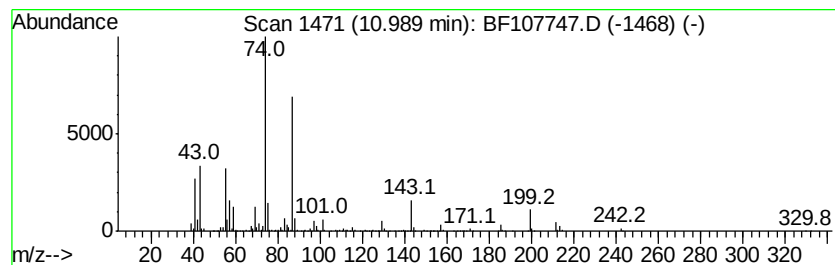
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Peak Number 3 Pentadecanoic acid, 14-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	19.36 ng	1223150	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86
4		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86



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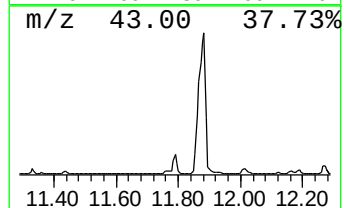
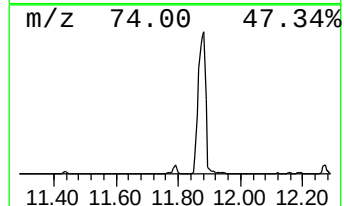
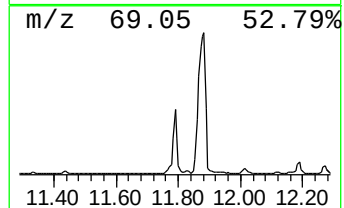
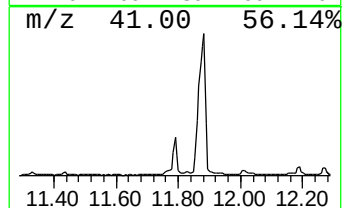
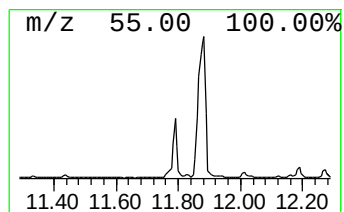
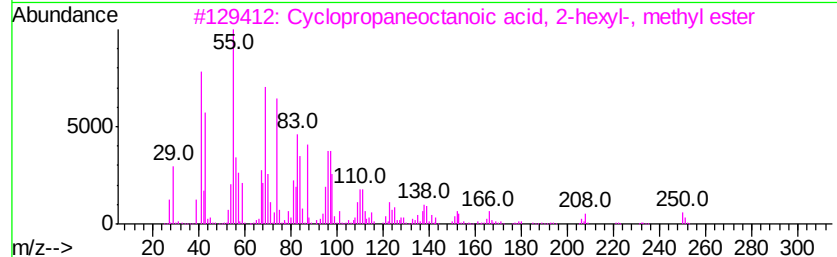
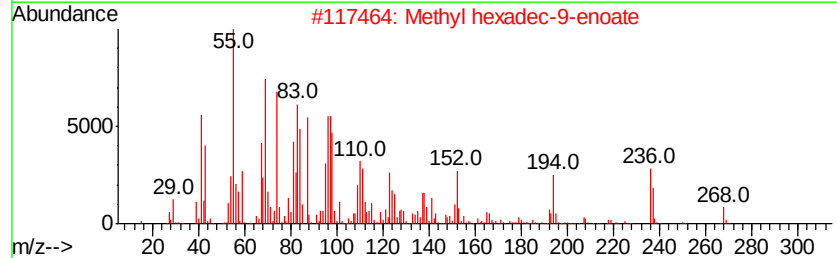
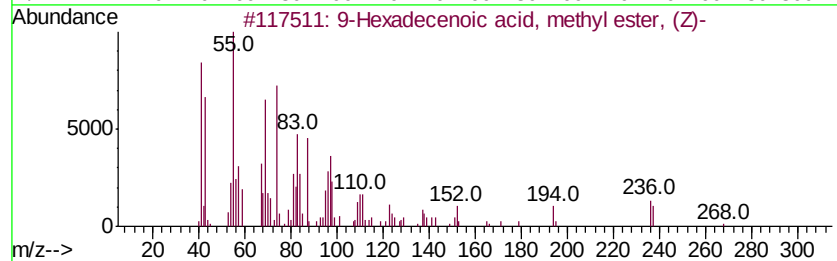
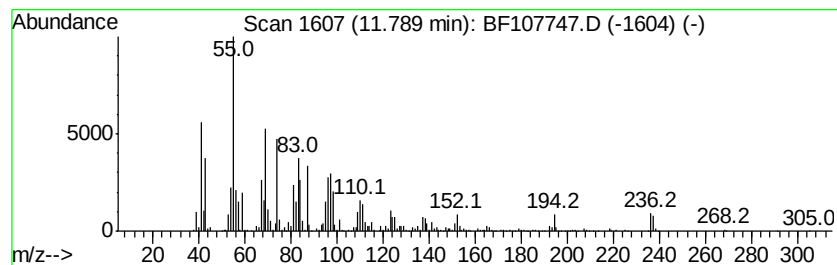
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Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	27.05 ng	1709080	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
3	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87
4	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	80
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	80



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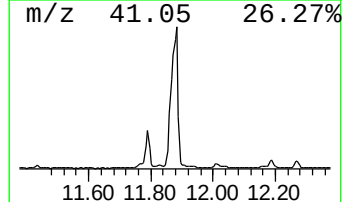
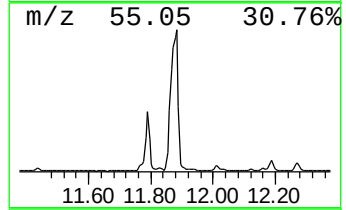
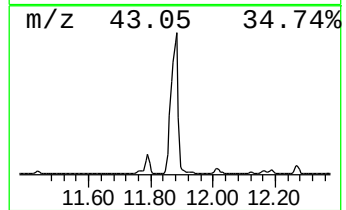
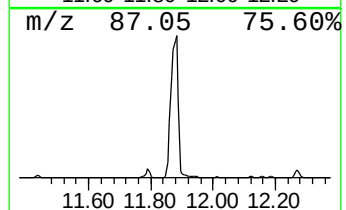
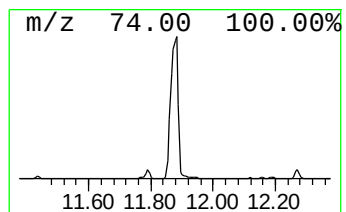
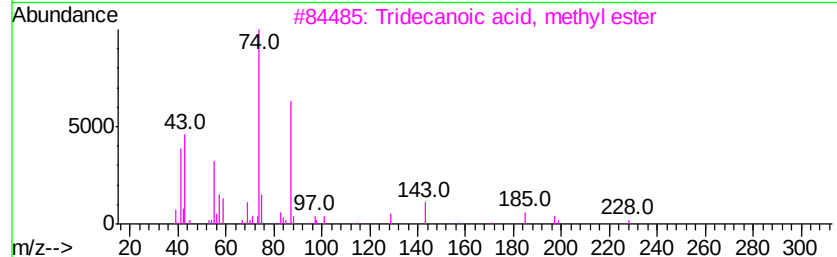
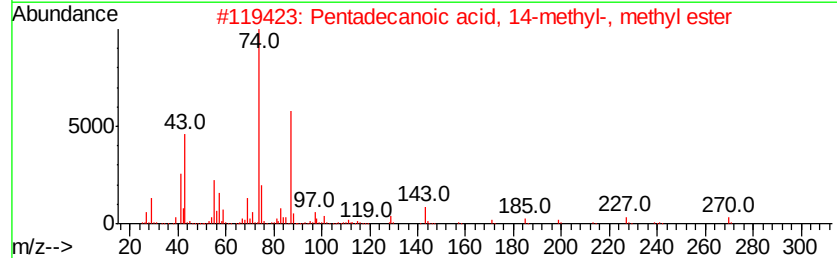
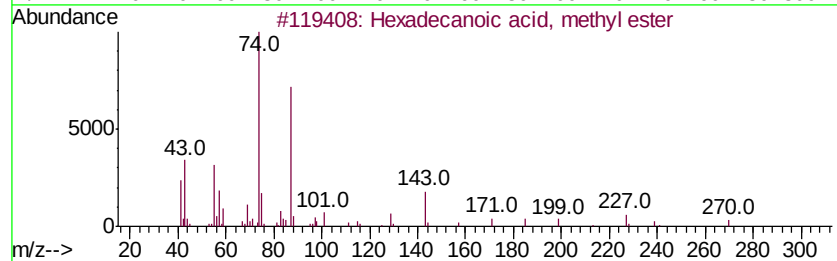
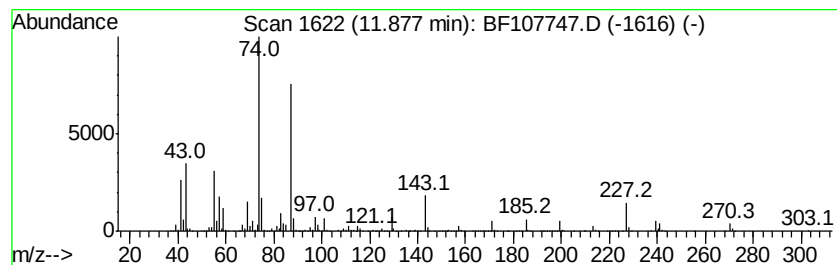
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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	218.07 ng	13778500	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 97
2		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 95
3		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 95
4		Methyl tetradecanoate	242 C15H30O2	000124-10-7 87
5		Hexadecanoic acid, 15-methyl-, m...	284 C18H36O2	006929-04-0 86



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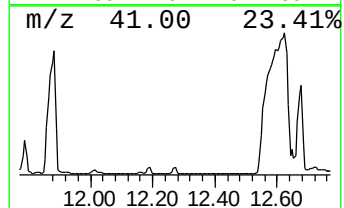
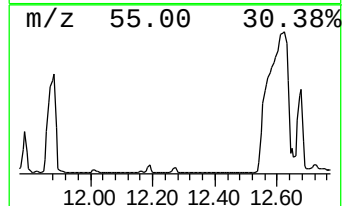
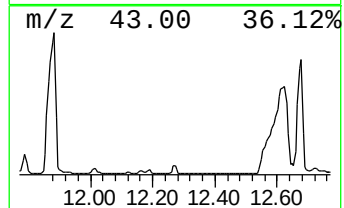
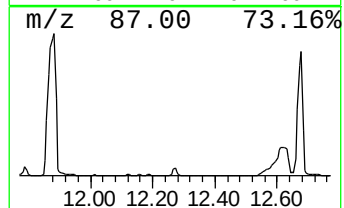
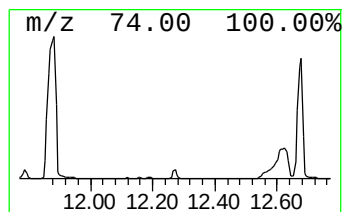
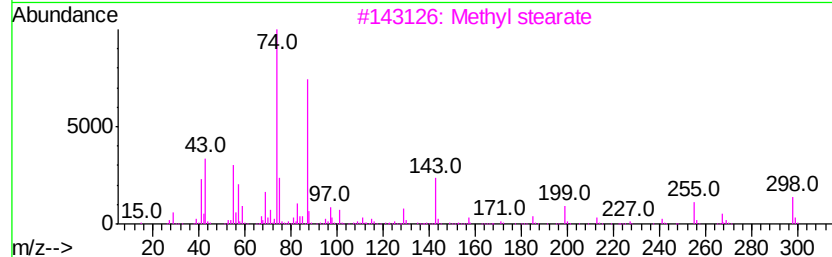
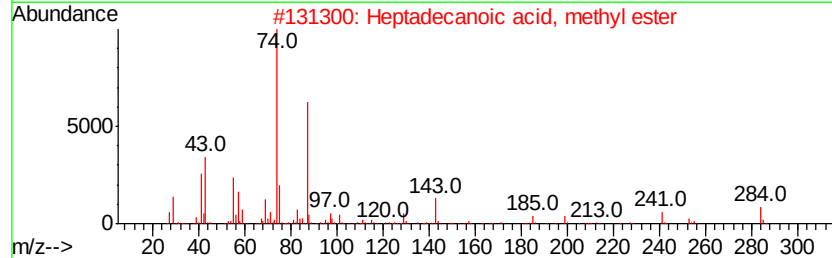
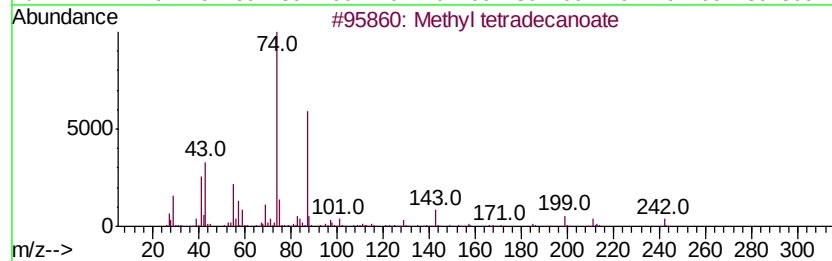
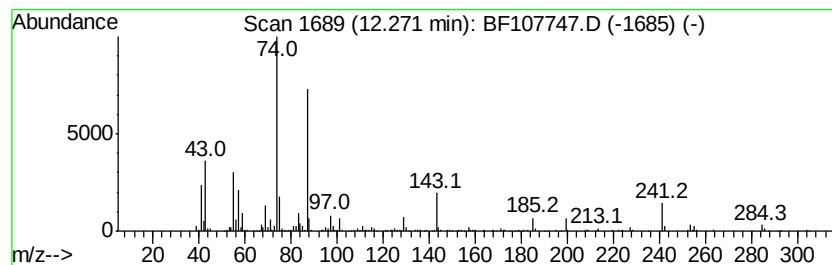
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Methyl tetradecanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.27	7.69 ng	485896	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3		Methyl stearate	298	C19H38O2	000112-61-8	90
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



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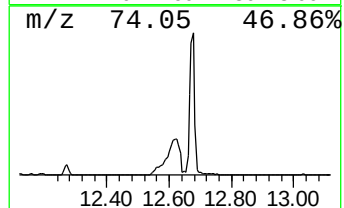
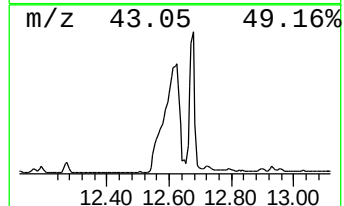
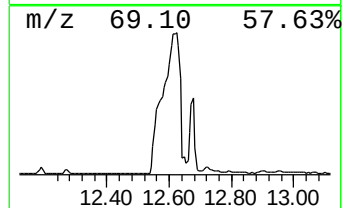
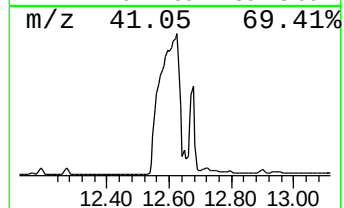
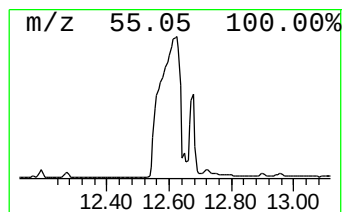
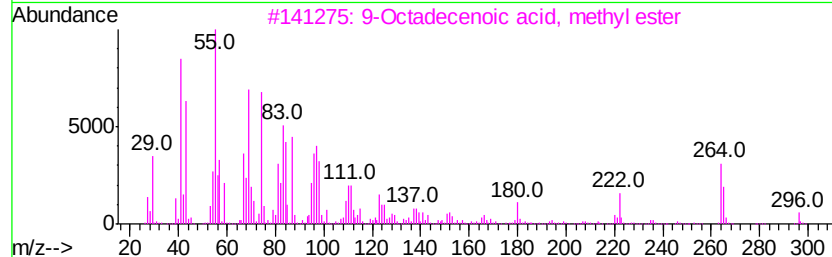
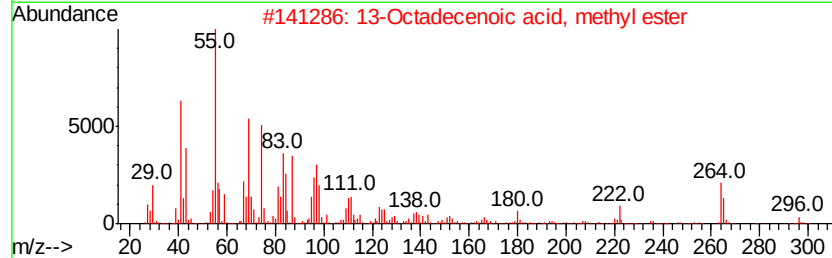
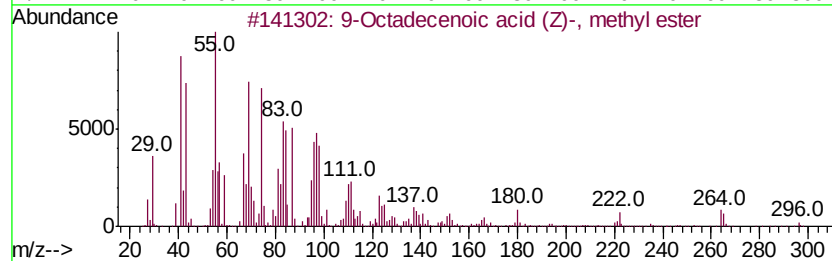
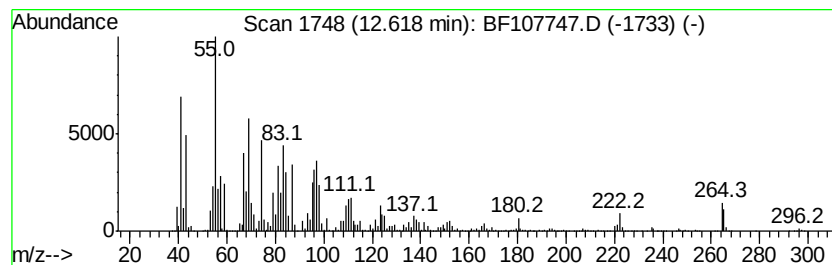
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	690.05 ng	43600900	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	97
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107747.D
Acq On : 27 Jul 2018 15:53
Operator : JU/SJ
Sample : J4121-08 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

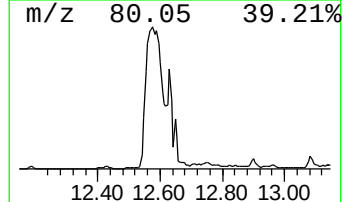
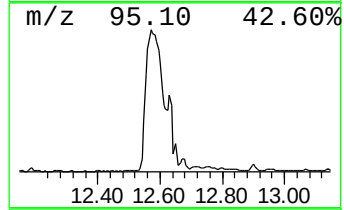
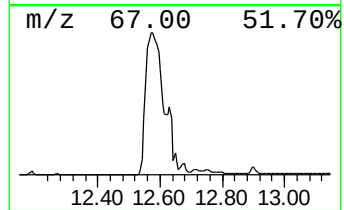
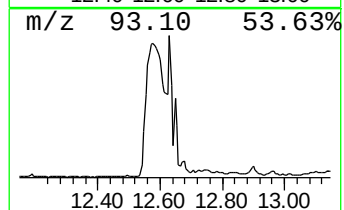
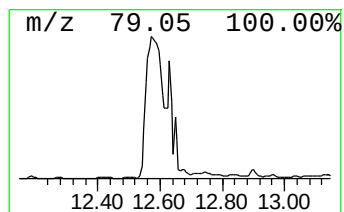
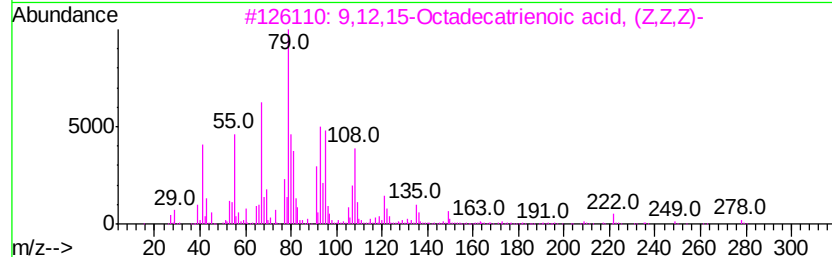
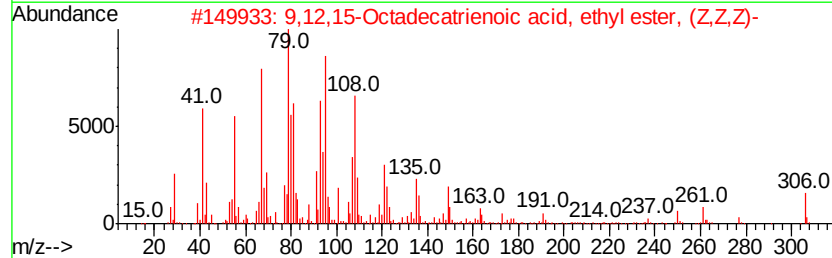
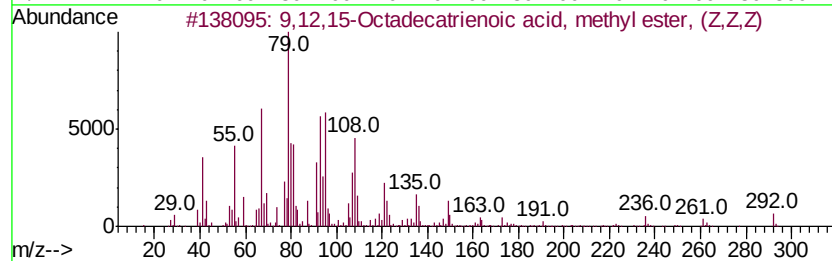
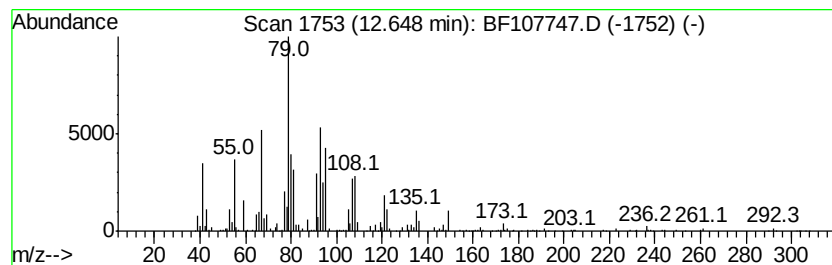
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ClientSampleId :
SB-7(8-10)

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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 9,12,15-Octadecatrienoic ac... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.65	14.74 ng	931136	Phenanthrene-d10	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	95	
2	9,12,15-Octadecatrienoic acid, e...	306	C20H34O2	001191-41-9	89	
3	9,12,15-Octadecatrienoic acid, (...)	278	C18H30O2	000463-40-1	87	
4	9-Octadecen-12-yonic acid, methy...	292	C19H32O2	056847-05-3	74	
5	Spiro[2.4]heptane, 1,5-dimethyl-...	136	C10H16	062238-24-8	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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Sample : J4121-08 2X
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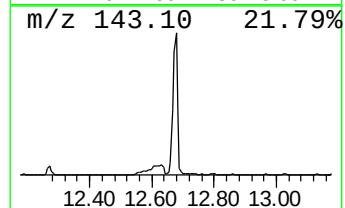
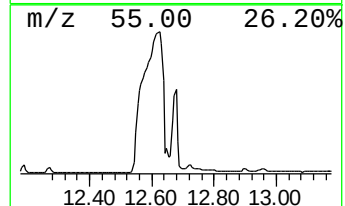
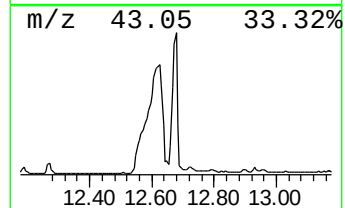
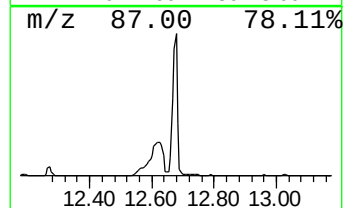
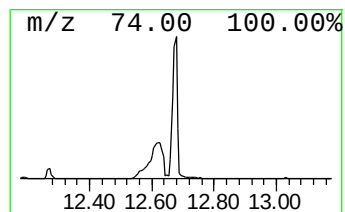
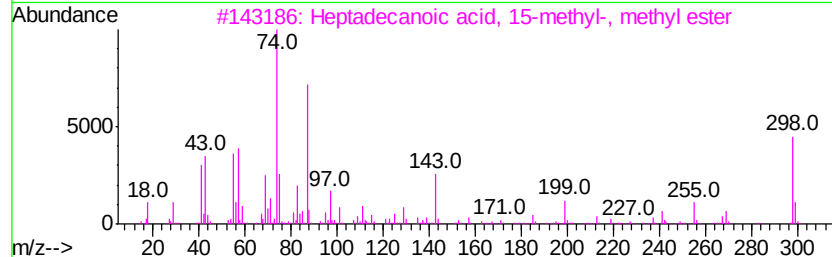
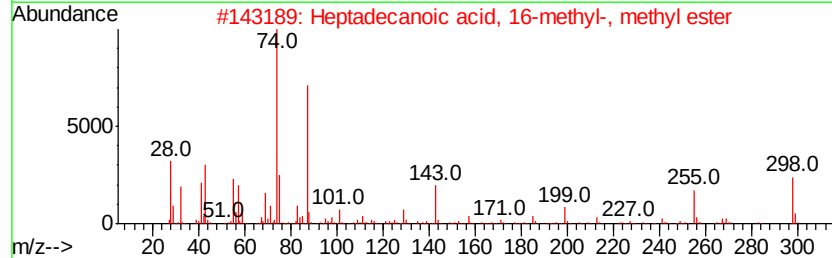
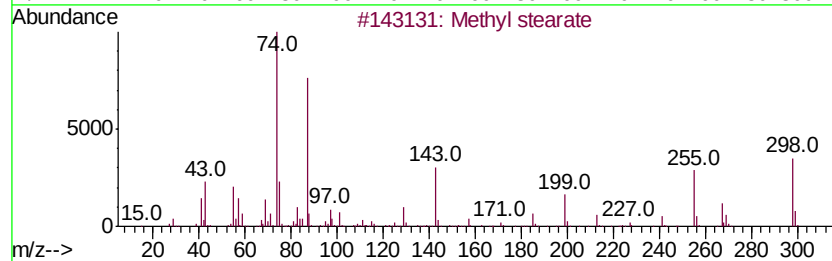
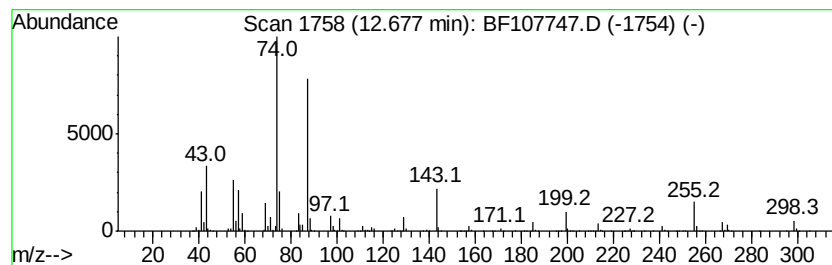
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	122.43 ng	7735800	Phenanthrene-d10	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 92
3		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 91
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 87
5		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107747.D
Acq On : 27 Jul 2018 15:53
Operator : JU/SJ
Sample : J4121-08 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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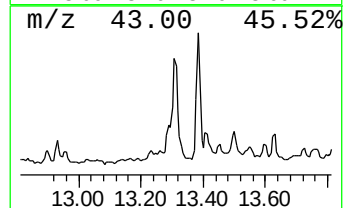
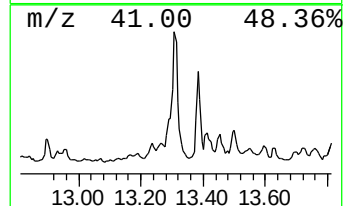
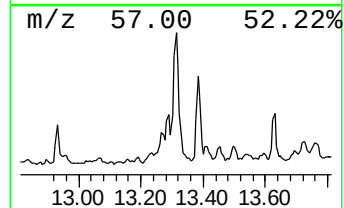
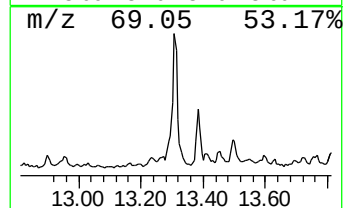
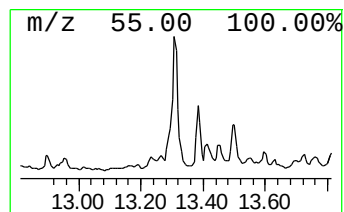
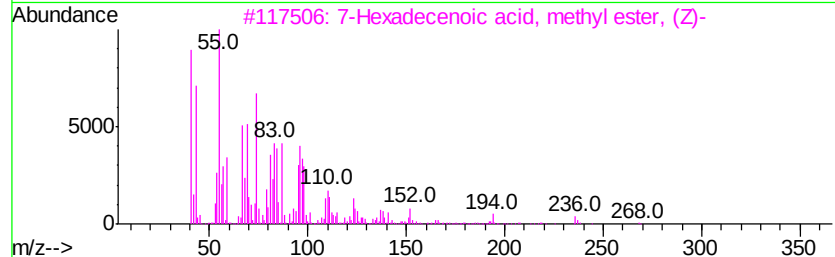
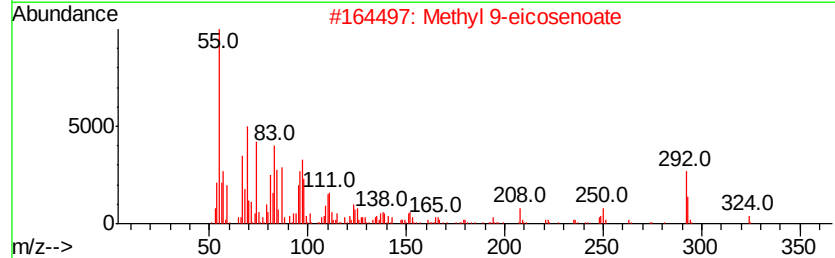
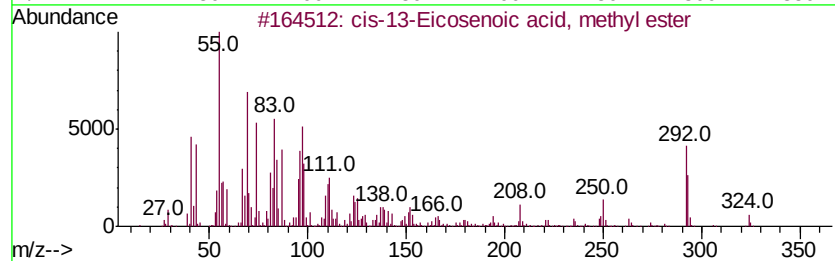
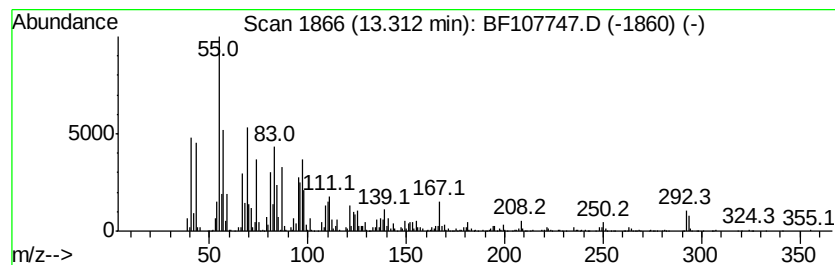
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis-13-Eicosenoic acid, met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	37.41 ng	2390040	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2		Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	99
3		7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	94
4		trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
5		11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107747.D
Acq On : 27 Jul 2018 15:53
Operator : JU/SJ
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Misc :
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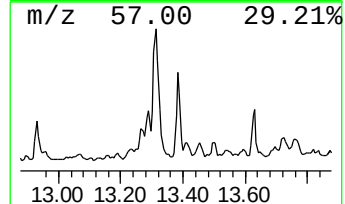
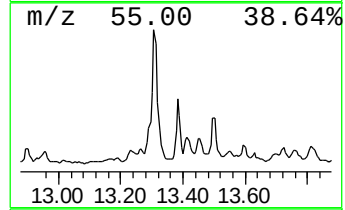
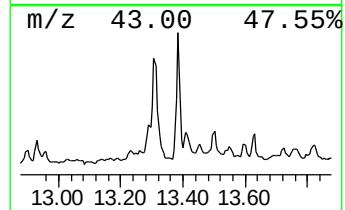
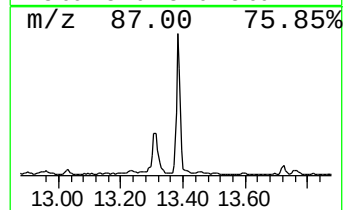
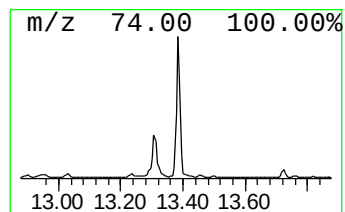
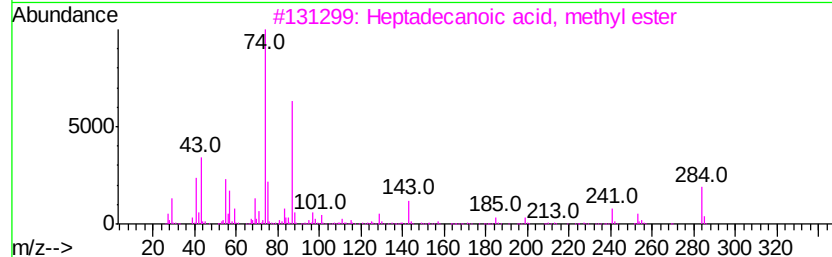
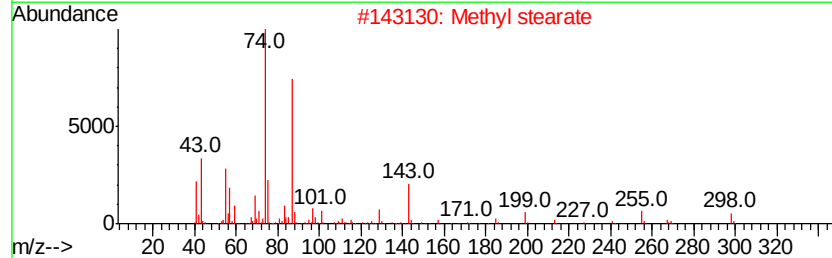
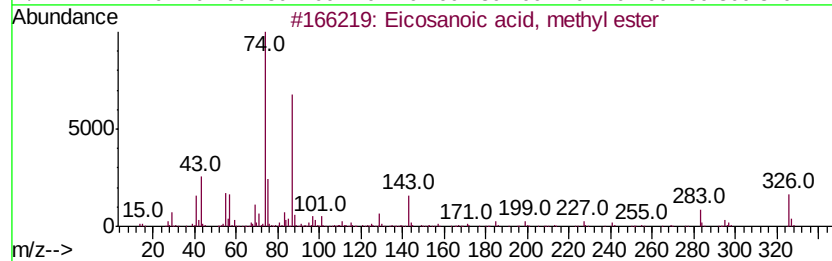
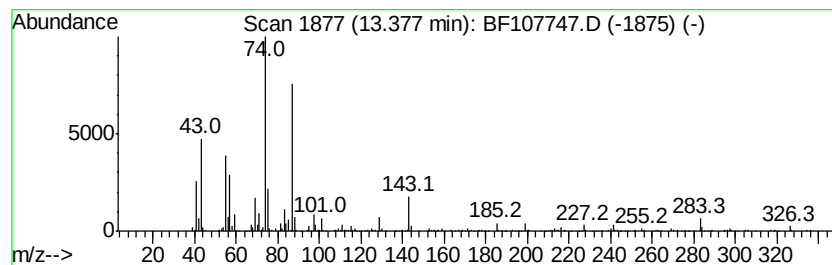
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	16.30 ng	1041330	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2		Methyl stearate	298	C19H38O2	000112-61-8	93
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
5		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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Sample : J4121-08 2X
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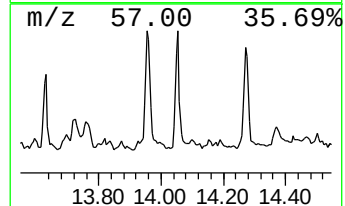
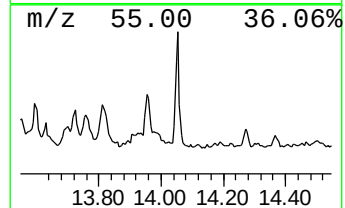
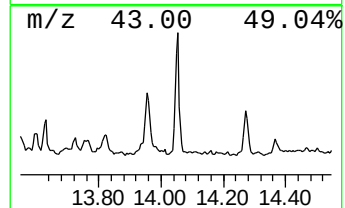
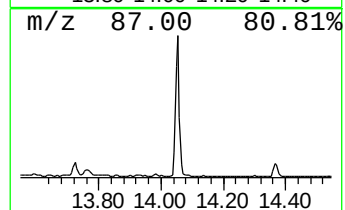
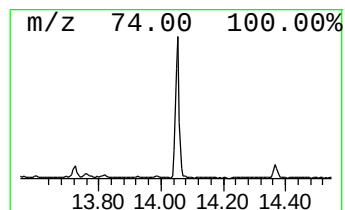
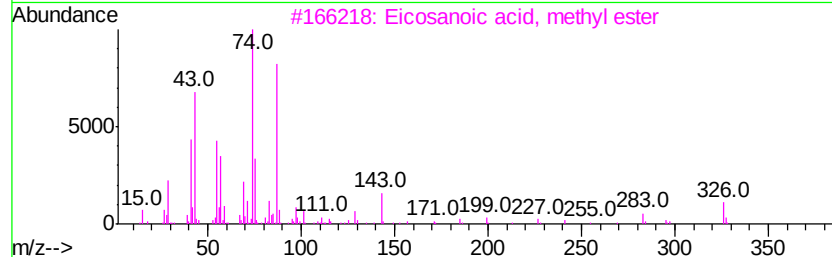
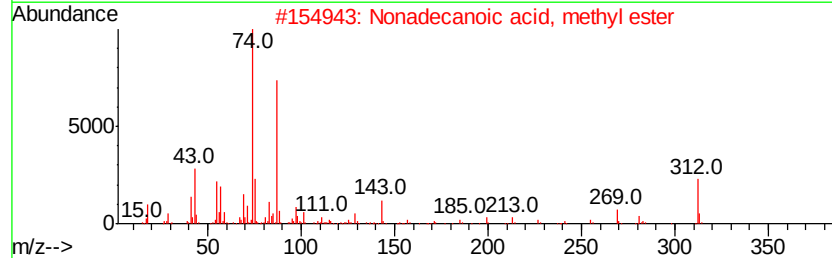
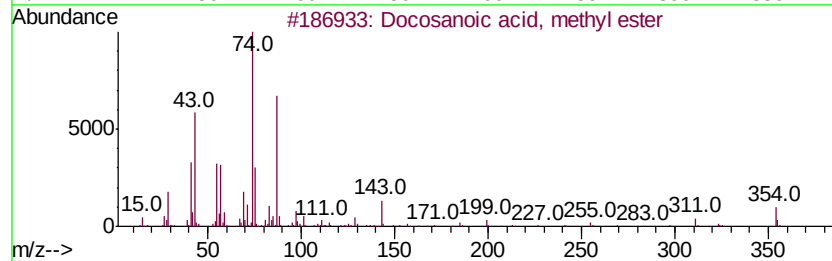
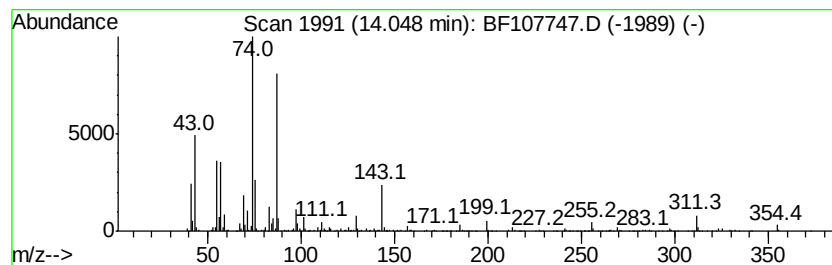
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.05	11.60 ng	740788	Chrysene-d12	14.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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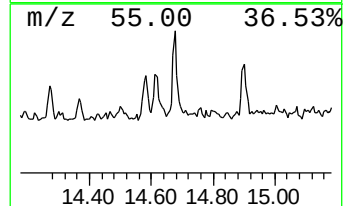
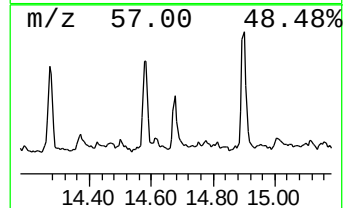
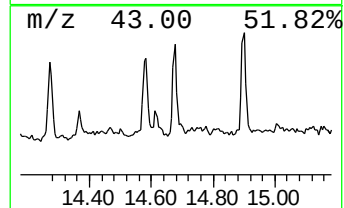
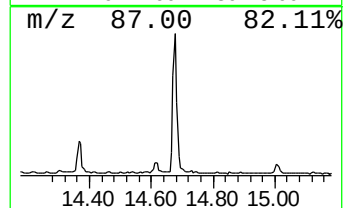
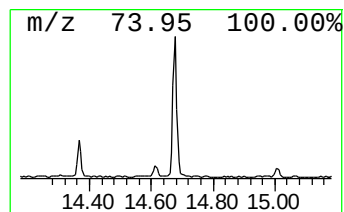
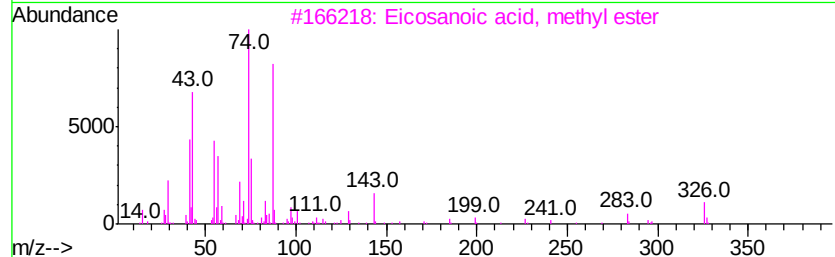
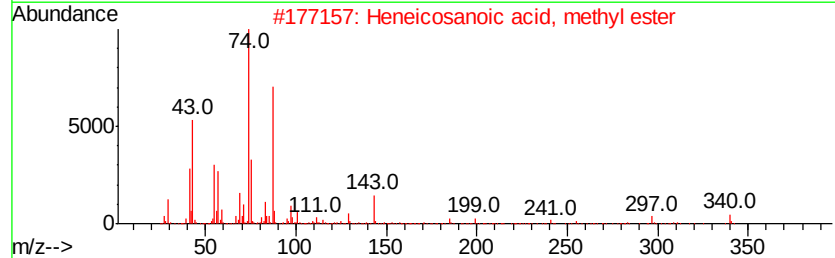
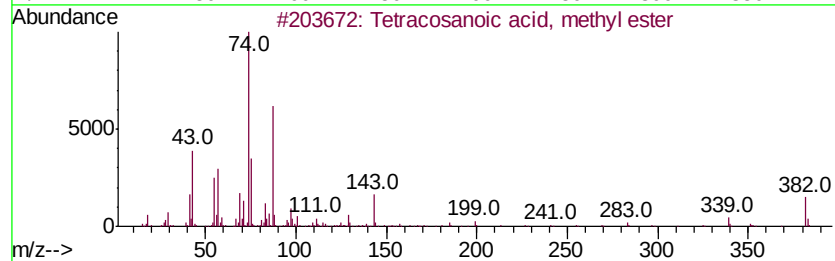
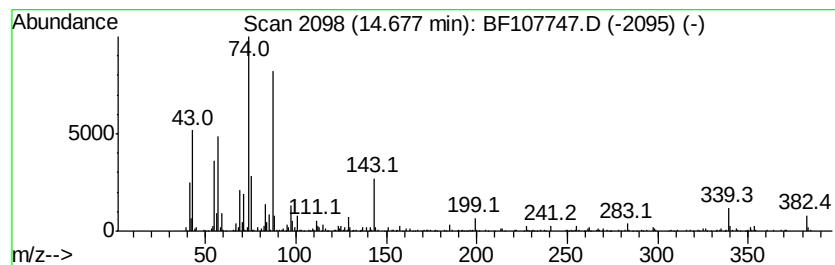
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosanoic acid, methyl ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	7.58 ng	484325	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	97
2			Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
3			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
4			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5			Methyl stearate	298	C19H38O2	000112-61-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107747.D
Acq On : 27 Jul 2018 15:53
Operator : JU/SJ
Sample : J4121-08 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-7(8-10)

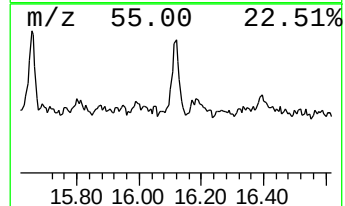
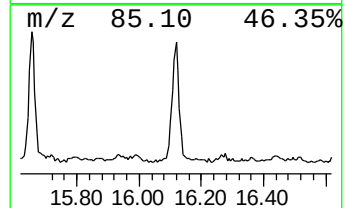
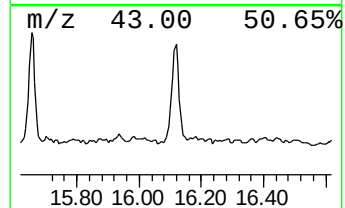
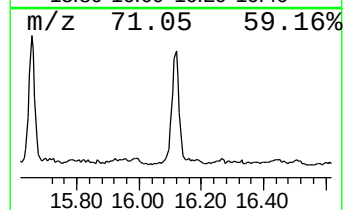
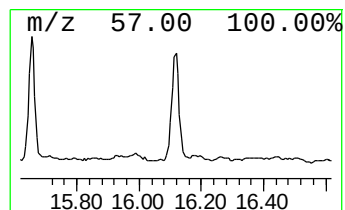
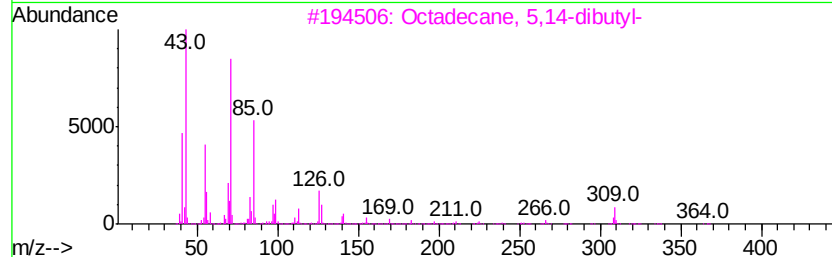
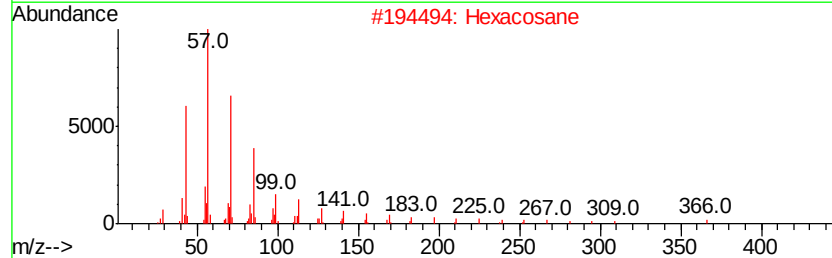
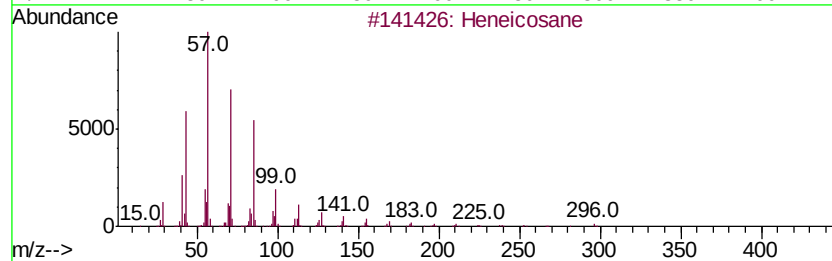
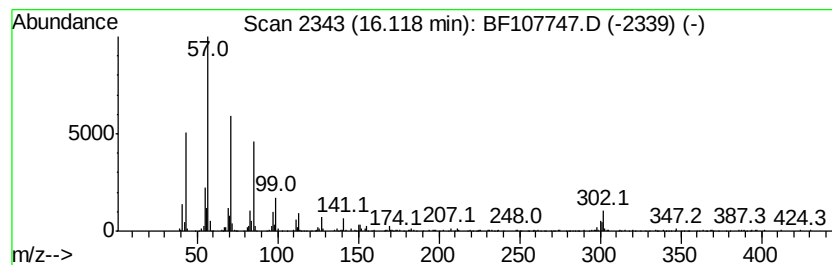
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	11.55 ng	460416	Perylene-d12	15.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	92
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	83
4			Pentacosane	352	C25H52	000629-99-2	74
5			Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107747.D
Acq On : 27 Jul 2018 15:53
Operator : JU/SJ
Sample : J4121-08 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

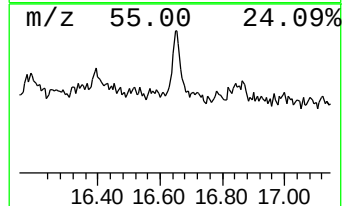
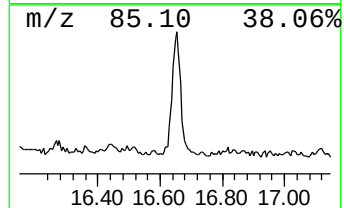
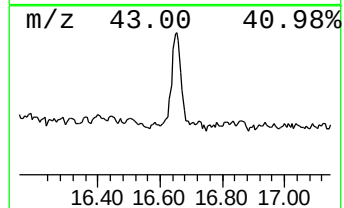
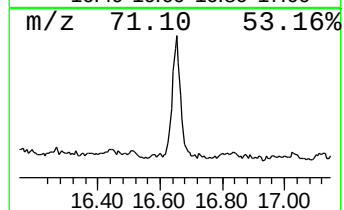
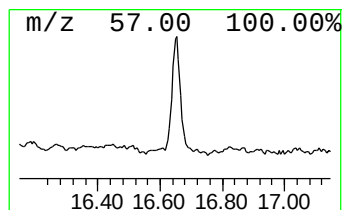
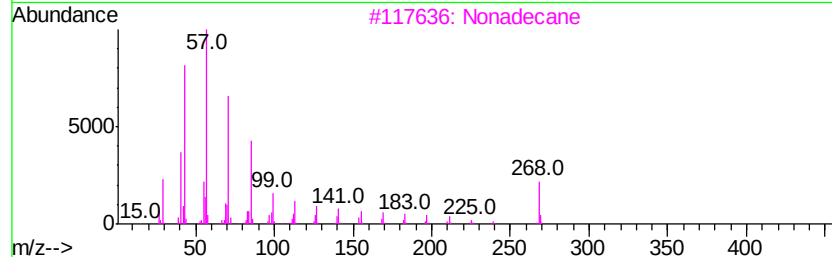
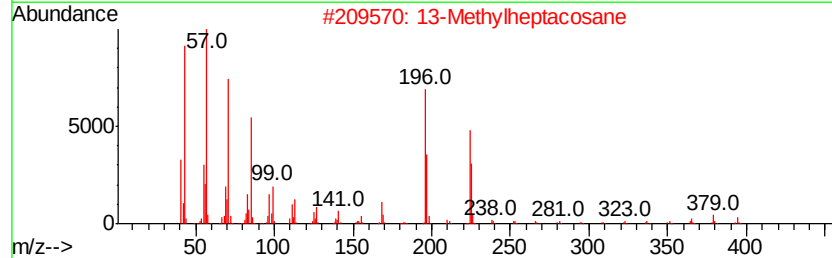
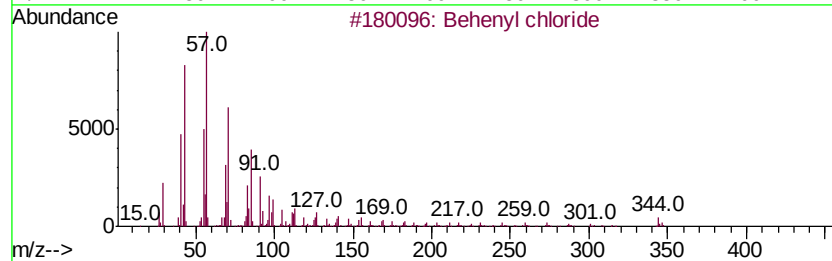
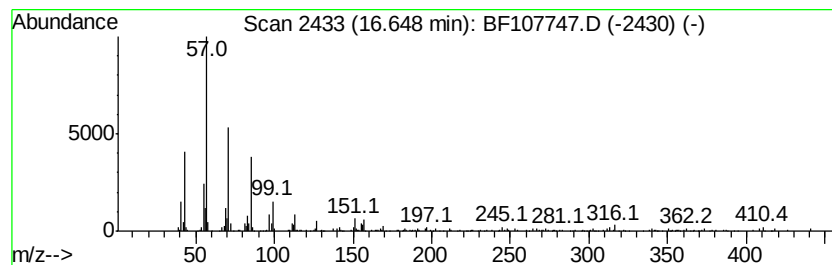
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Behenyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	12.00 ng	478166	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenyl chloride	344	C22H45Cl	042217-03-8	87
2		13-Methylheptacosane	394	C28H58	015689-72-2	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Tricosane	324	C23H48	000638-67-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107747.D
 Acq On : 27 Jul 2018 15:53
 Operator : JU/SJ
 Sample : J4121-08 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
unknown6.73	6.73	42.2	ng	1944790	1	6.96	921134	20.0
Pentadecanoic aci...	10.99	19.4	ng	1223150	4	11.49	1263700	20.0
9-Hexadecenoic ac...	11.79	27.1	ng	1709080	4	11.49	1263700	20.0
Hexadecanoic acid...	11.88	218.1	ng	13778500	4	11.49	1263700	20.0
Methyl tetradecan...	12.27	7.7	ng	485896	4	11.49	1263700	20.0
9-Octadecenoic ac...	12.62	690.0	ng	43600900	4	11.49	1263700	20.0
9,12,15-Octadecat...	12.65	14.7	ng	931136	4	11.49	1263700	20.0
Methyl stearate	12.68	122.4	ng	7735800	4	11.49	1263700	20.0
cis-13-Eicosenoic...	13.31	37.4	ng	2390040	5	14.15	1277650	20.0
Eicosanoic acid, ...	13.38	16.3	ng	1041330	5	14.15	1277650	20.0
Docosanoic acid, ...	14.05	11.6	ng	740788	5	14.15	1277650	20.0
Tetracosanoic aci...	14.68	7.6	ng	484325	5	14.15	1277650	20.0
Heneicosane	16.12	11.6	ng	460416	6	15.68	796986	20.0
Behenyl chloride	16.65	12.0	ng	478166	6	15.68	796986	20.0