

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108198.D
 Acq On : 16 Aug 2018 16:42
 Operator : JU/SJ
 Sample : J4269-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-081518-B

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-BF080818.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	5.254	492	496	501	rBV	150395	171566	1.40%	0.294%
2	5.636	556	561	565	rBV	3166660	3177160	25.95%	5.439%
3	6.631	725	730	734	rBV	3146680	3418751	27.93%	5.853%
4	6.783	751	756	759	rBV	3676009	3377434	27.59%	5.782%
5	7.013	792	795	799	rBV	1234702	1055375	8.62%	1.807%
6	7.172	818	822	825	rBV	2961510	2495441	20.39%	4.272%
7	7.578	886	891	894	rBV	2432374	2202074	17.99%	3.770%
8	8.301	1009	1014	1017	rBV	1386205	1282383	10.48%	2.195%
9	9.372	1190	1196	1199	rBV	4452050	3724621	30.43%	6.377%
10	9.760	1258	1262	1266	rBV	400968	315278	2.58%	0.540%
11	10.060	1309	1313	1321	rVB	1520389	1344586	10.98%	2.302%
12	10.848	1443	1447	1457	rBV	1977527	1899536	15.52%	3.252%
13	11.554	1563	1567	1570	rBV	1304282	1114125	9.10%	1.907%
14	11.848	1615	1617	1621	rVB	275300	213728	1.75%	0.366%
15	11.924	1627	1630	1634	rVB	3332777	2724496	22.26%	4.664%
16	12.065	1649	1654	1662	rBV3	363950	515137	4.21%	0.882%
17	12.624	1744	1749	1750	rBV	5663676	6242160	50.99%	10.687%
18	12.648	1750	1753	1759	rVV	11025039	12241310	100.00%	20.958%
19	12.724	1762	1766	1769	rVV	3275184	2862945	23.39%	4.901%
20	12.777	1769	1775	1784	rVV2	324966	667780	5.46%	1.143%
21	12.954	1802	1805	1809	rBV2	136088	124910	1.02%	0.214%
22	13.007	1809	1814	1820	rVB	247414	314018	2.57%	0.538%
23	13.142	1833	1837	1840	rVB	3071932	2749887	22.46%	4.708%
24	13.371	1871	1876	1883	rVB2	348100	476698	3.89%	0.816%
25	13.448	1886	1889	1893	rVV2	323581	266666	2.18%	0.457%
26	13.883	1959	1963	1967	rVB5	101013	140105	1.14%	0.240%
27	14.036	1985	1989	1995	rVB4	175916	277945	2.27%	0.476%
28	14.118	2000	2003	2009	rBV	280622	255780	2.09%	0.438%
29	14.207	2014	2018	2021	rVV	1182823	1278199	10.44%	2.188%
30	14.236	2021	2023	2029	rVB	130889	122889	1.00%	0.210%
31	15.301	2201	2204	2209	rBV	85972	147302	1.20%	0.252%
32	15.701	2269	2272	2278	rVB	92443	127949	1.05%	0.219%
33	15.771	2279	2284	2288	rBV2	774817	1081472	8.83%	1.852%

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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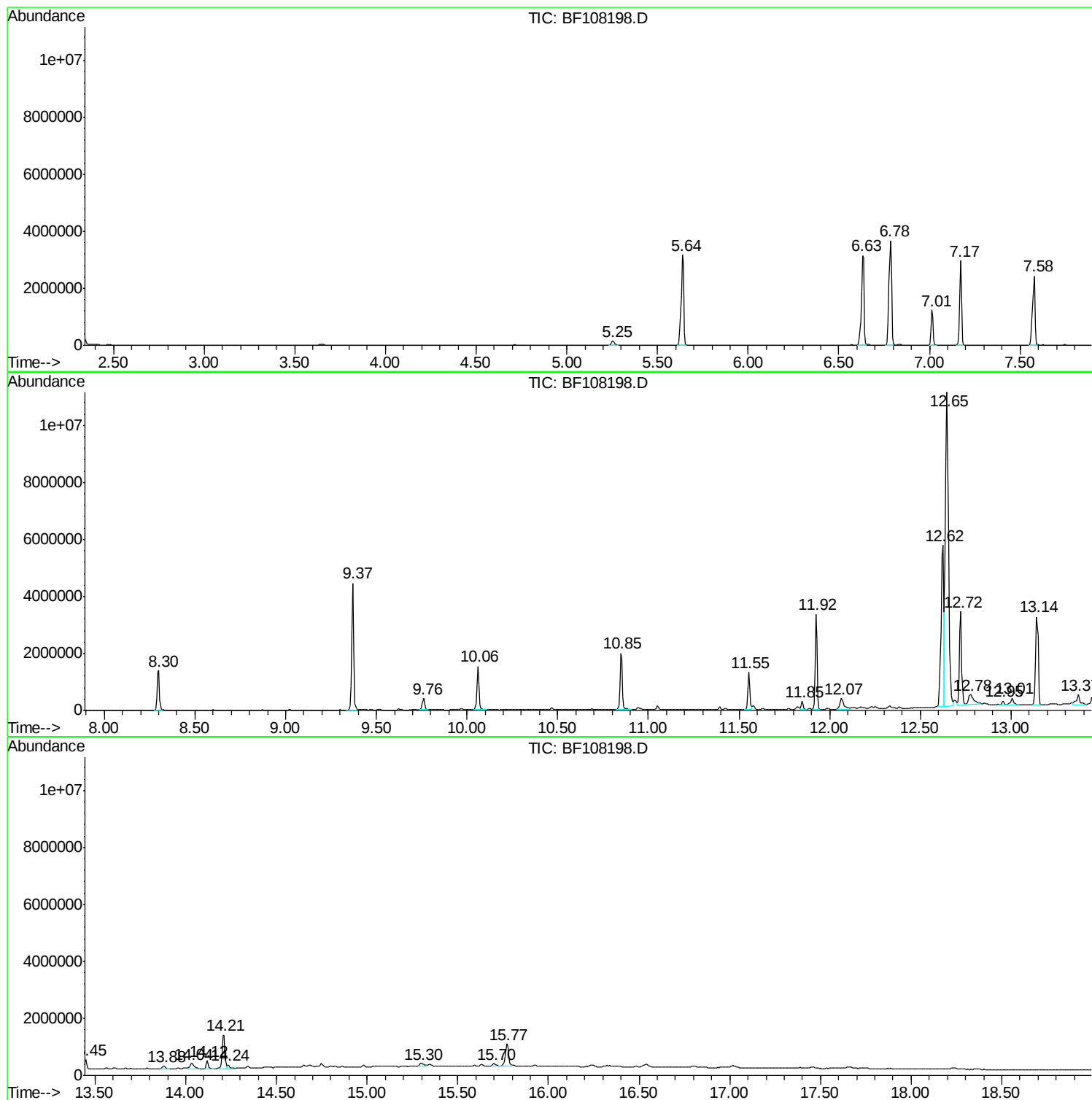
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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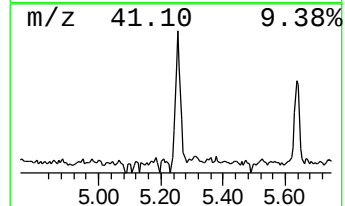
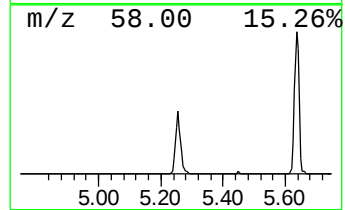
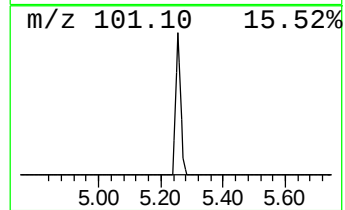
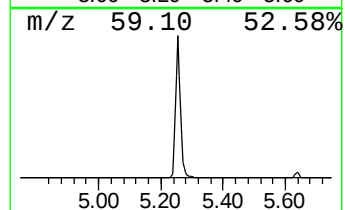
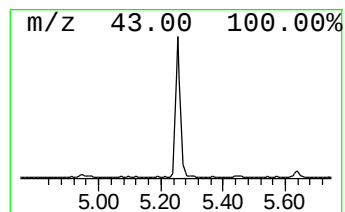
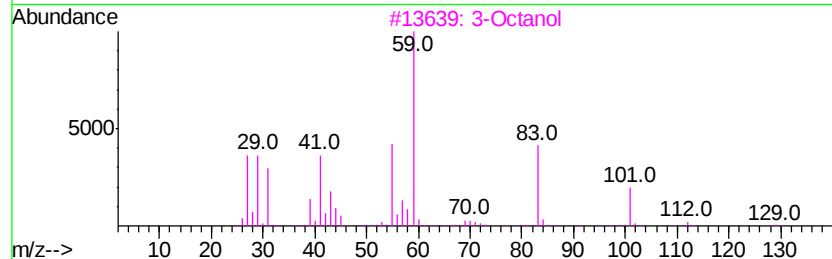
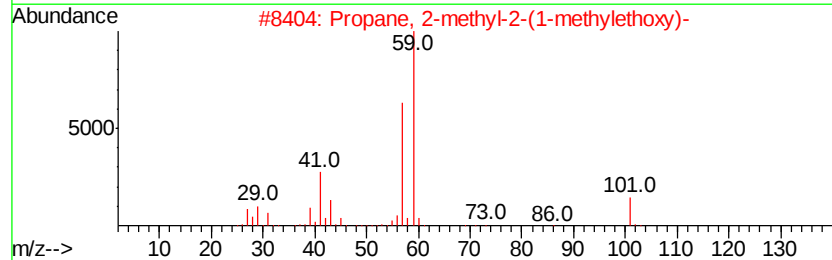
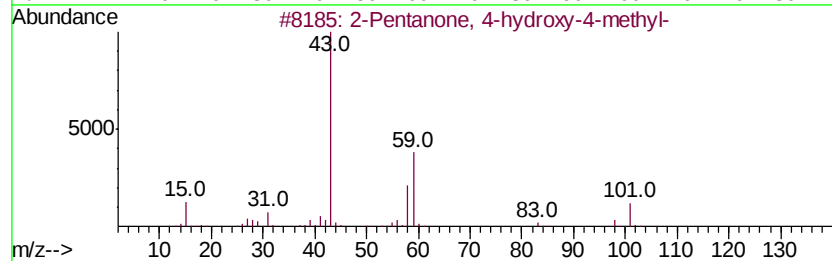
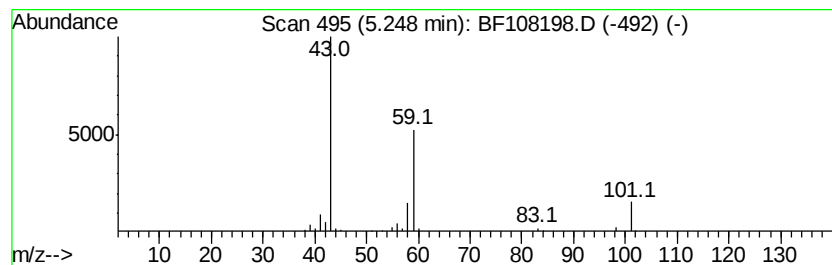
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.25	3.25 ng	171566	1,4-Dichlorobenzene-d4	7.01	
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	36
3	3-Octanol	130	C8H18O	000589-98-0	33
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23



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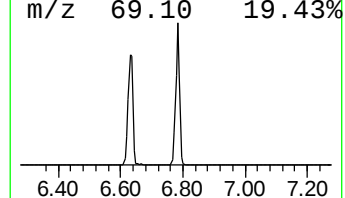
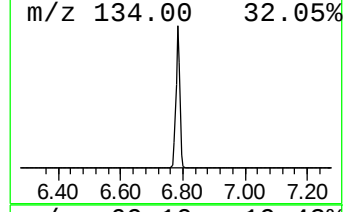
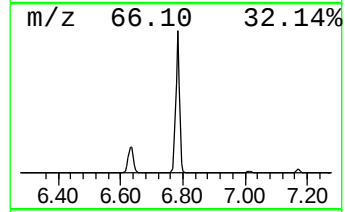
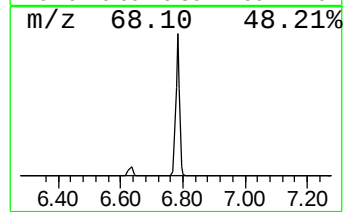
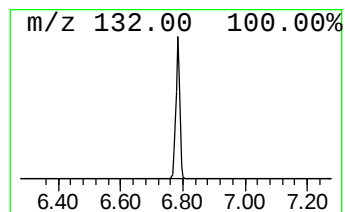
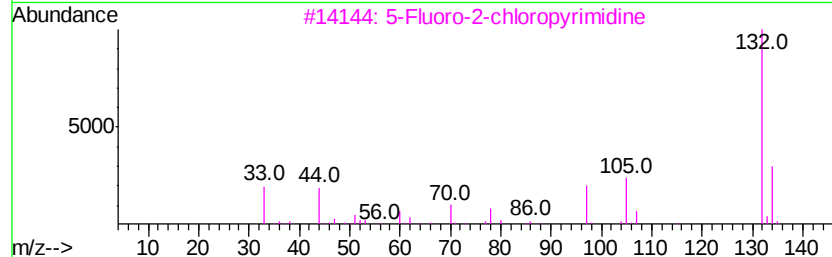
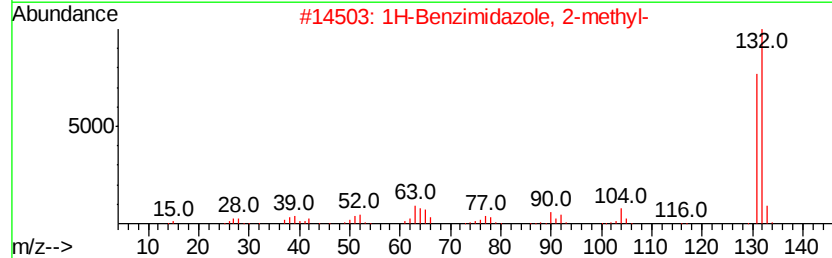
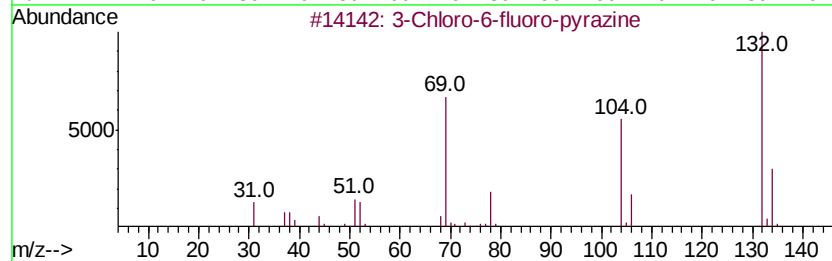
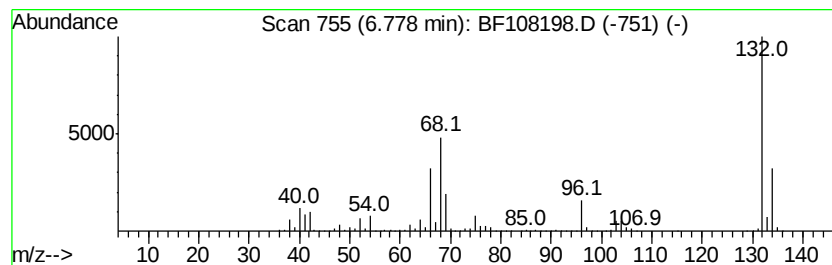
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	64.00 ng	3377430	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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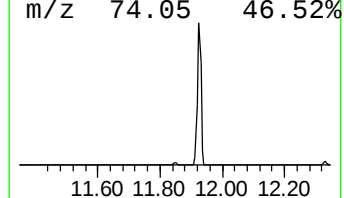
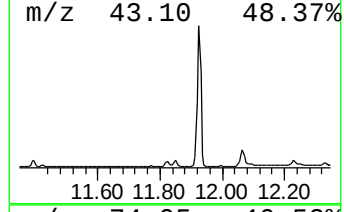
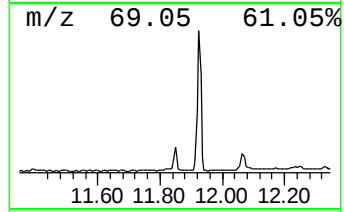
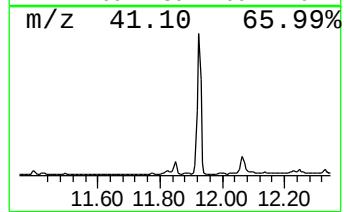
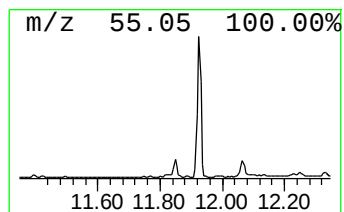
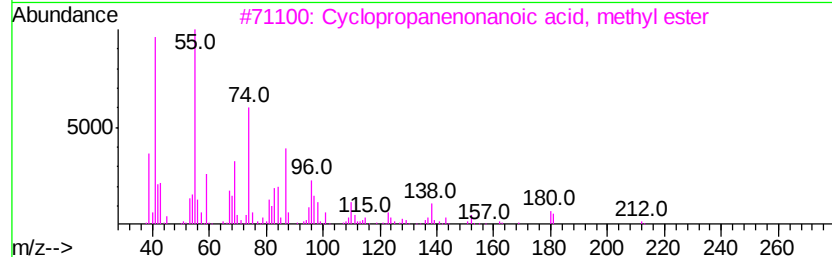
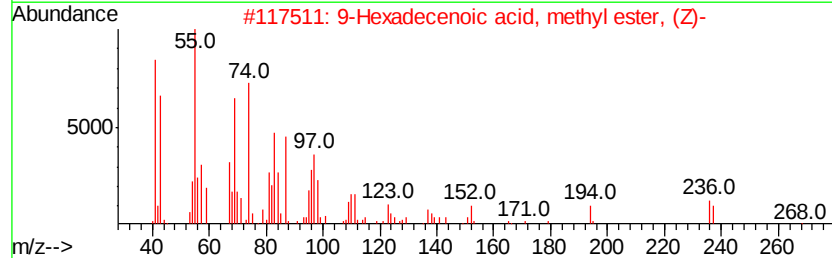
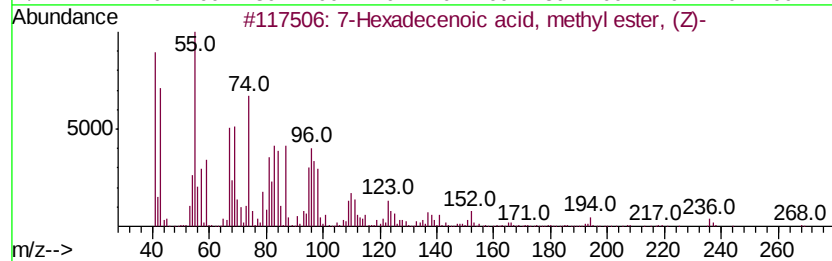
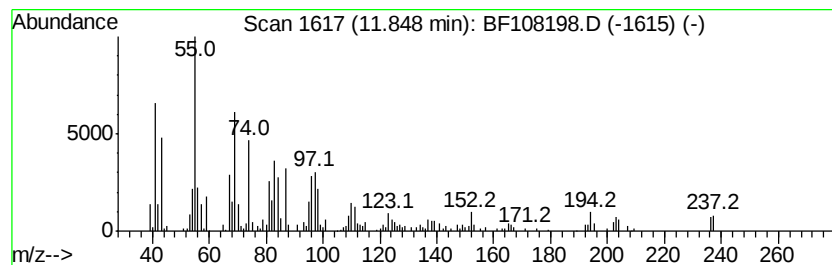
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 7-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.84 ng	213728	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	72
2		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	68
3		Cyclopropanenonanoic acid, methv...	212	C13H24O2	010152-60-0	43
4		9-Dodecenoic acid, methyl ester,...	212	C13H24O2	055030-26-7	38
5		Palmitoleic acid	254	C16H30O2	000373-49-9	38



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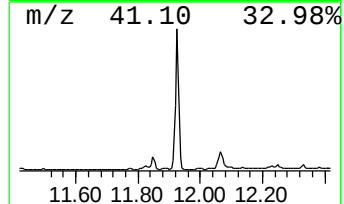
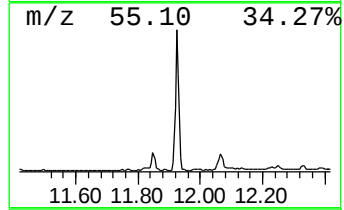
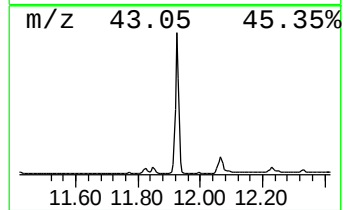
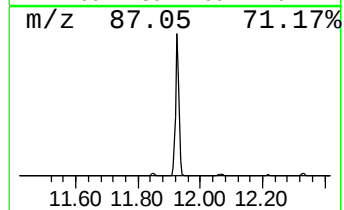
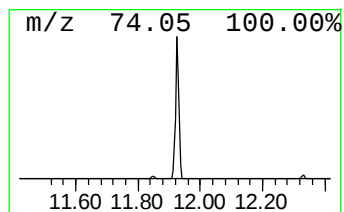
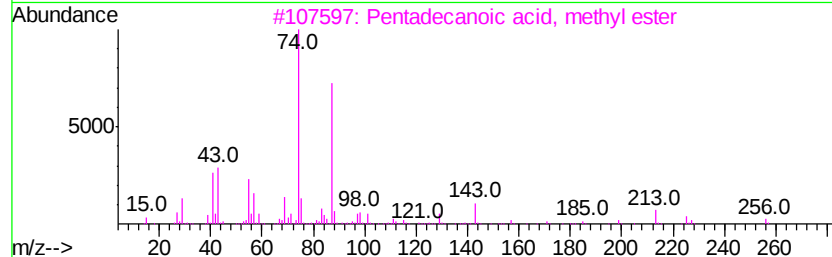
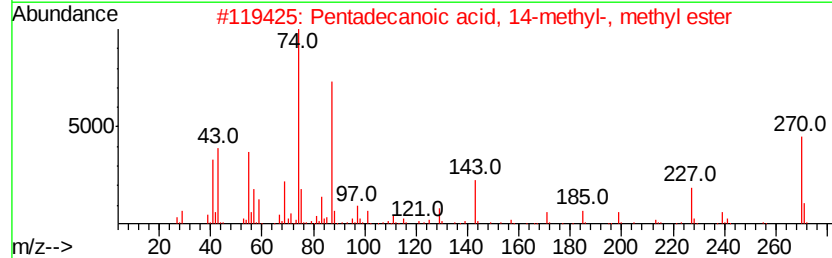
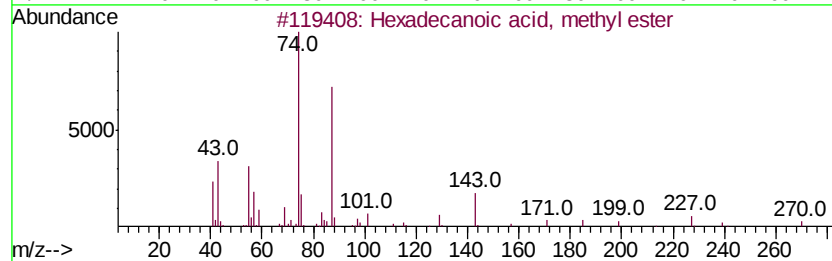
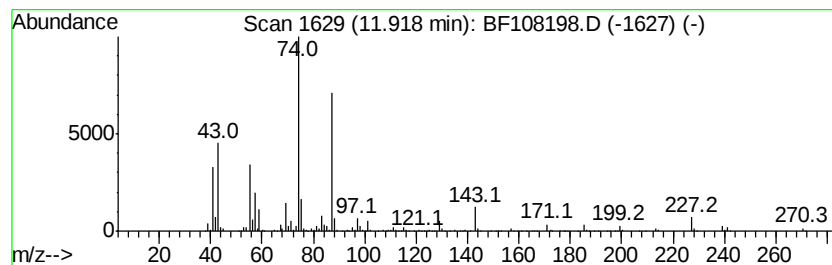
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	48.91 ng	2724500	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	83
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80



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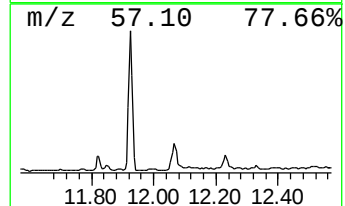
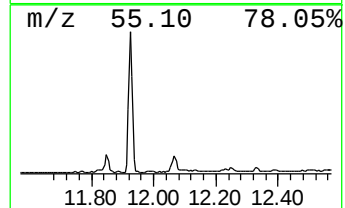
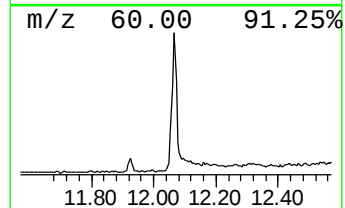
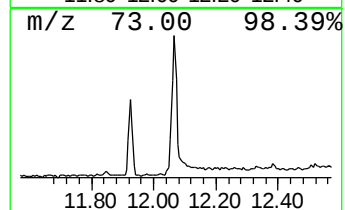
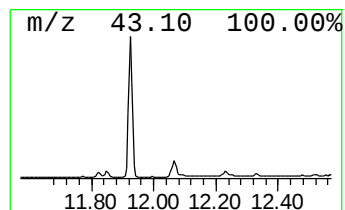
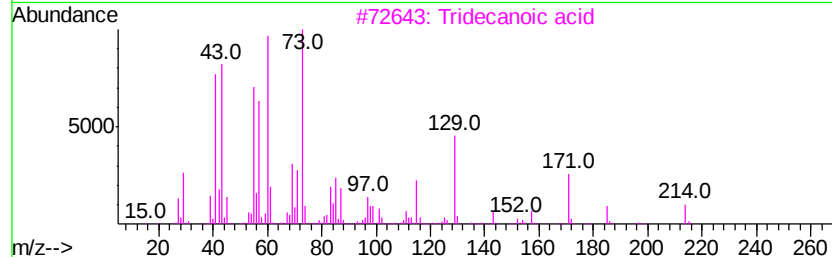
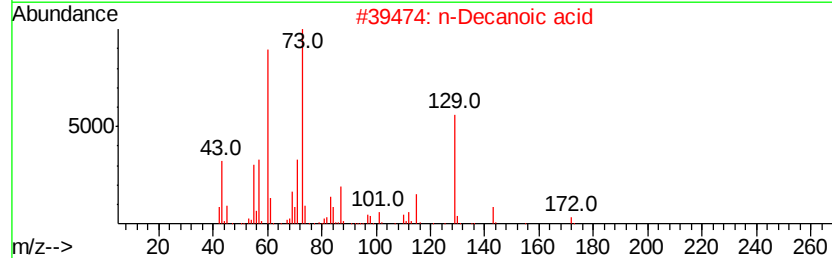
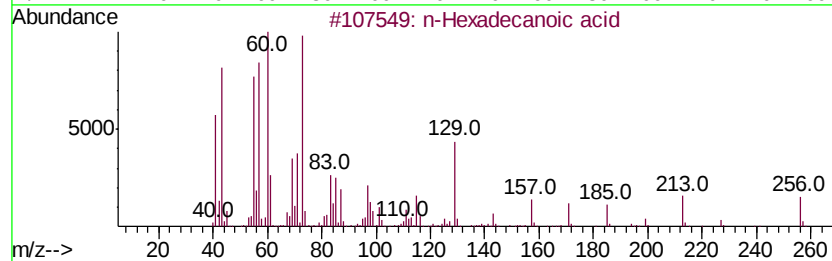
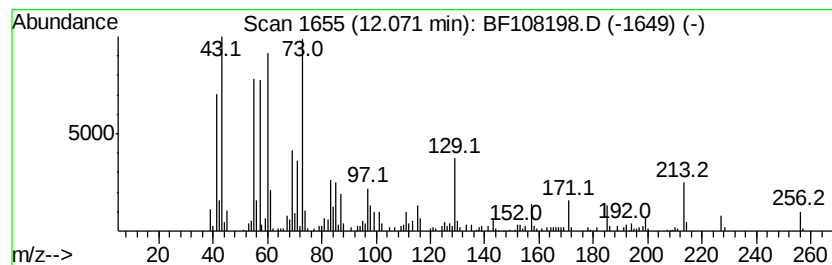
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	9.25 ng	515137	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-06-081518-B

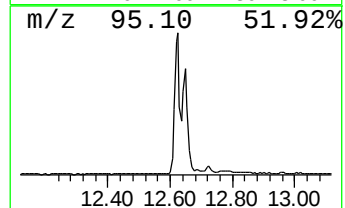
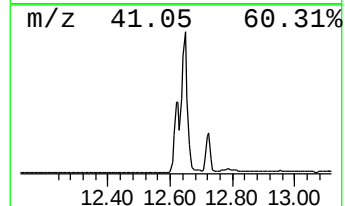
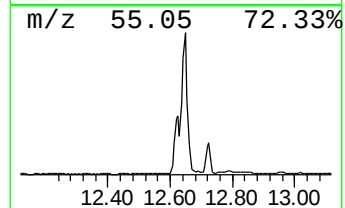
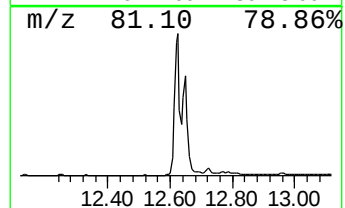
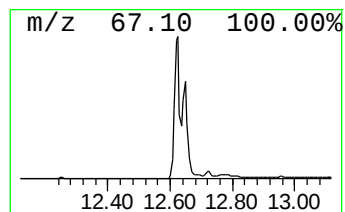
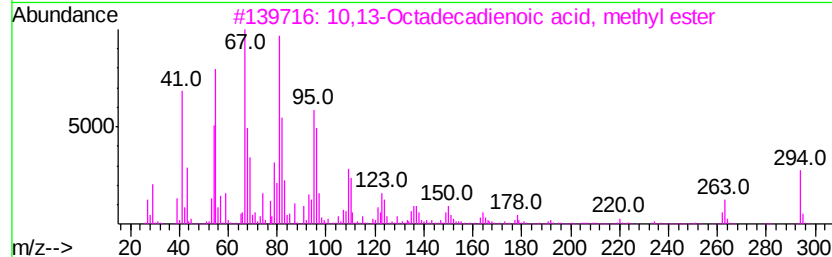
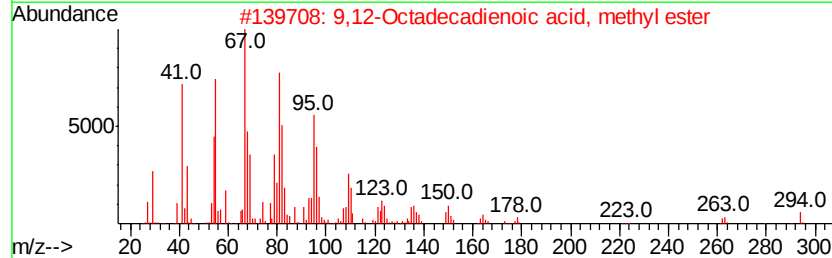
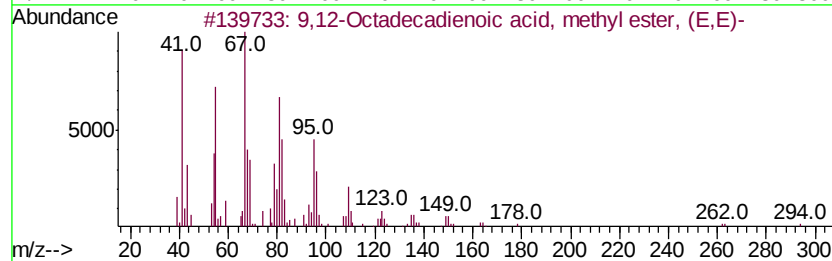
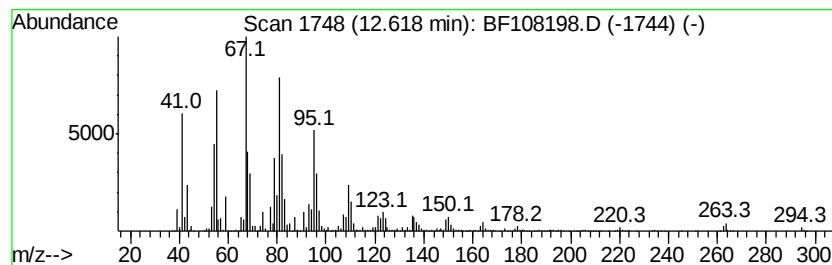
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	112.06 ng	6242160	Phenanthrene-d10	11.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
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Instrument :
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ClientSampleId :
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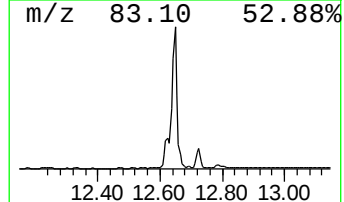
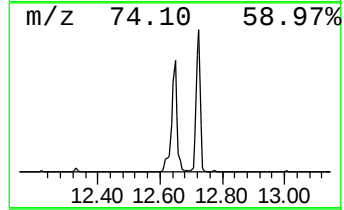
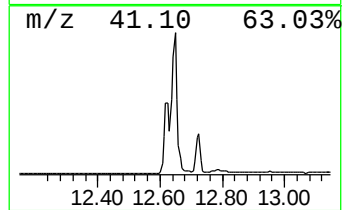
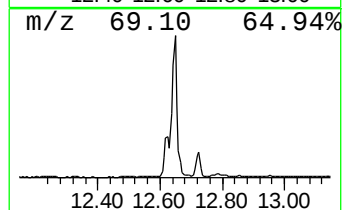
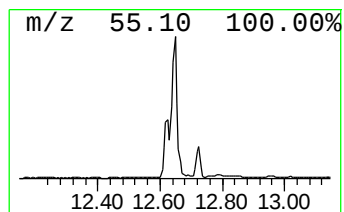
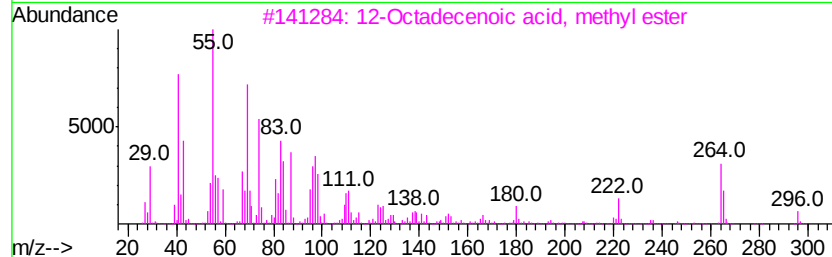
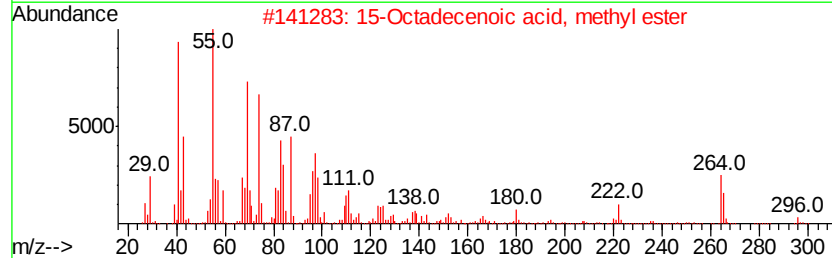
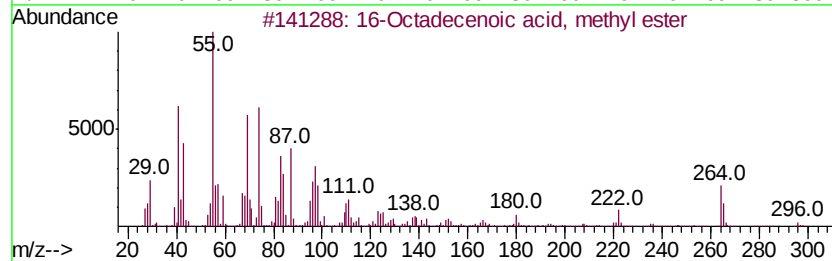
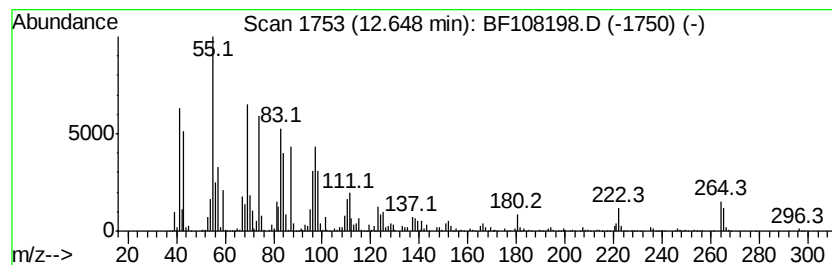
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	219.75 ng	12241300	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

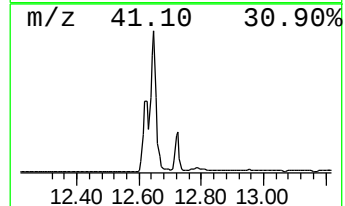
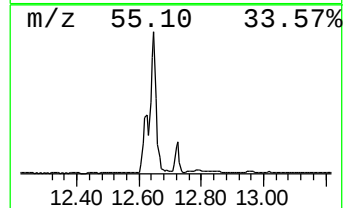
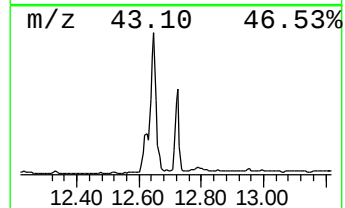
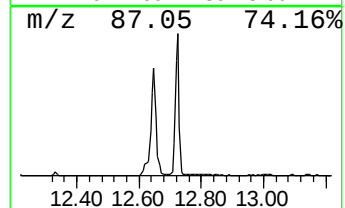
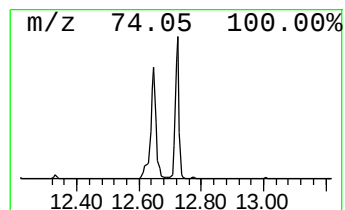
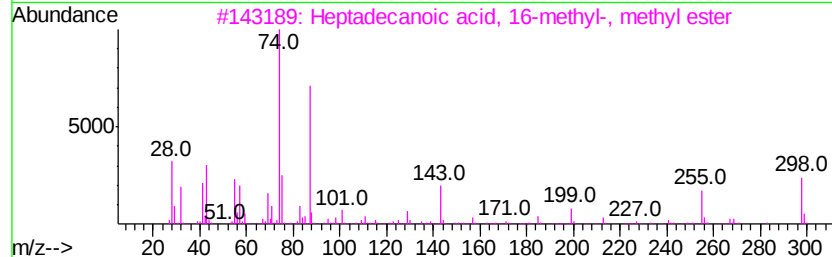
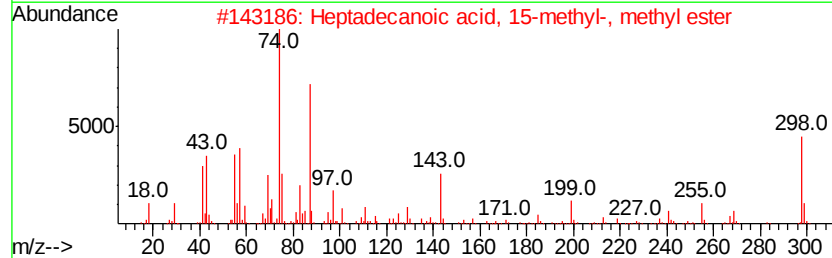
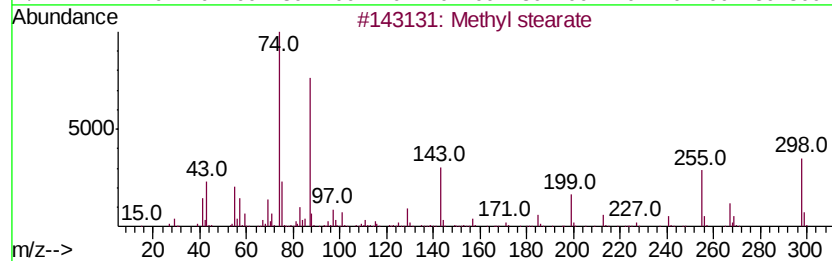
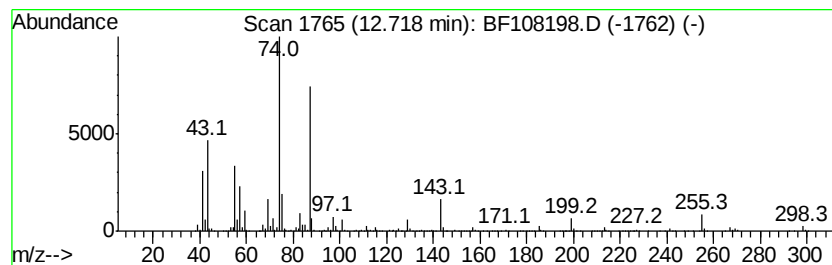
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	51.39 ng	2862950	Phenanthrene-d10	11.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 94
3		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 92
4		Methyl tetradecanoate	242 C15H30O2	000124-10-7 90
5		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

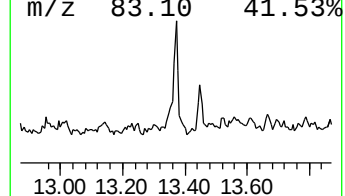
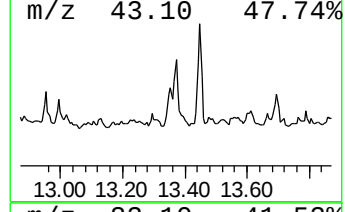
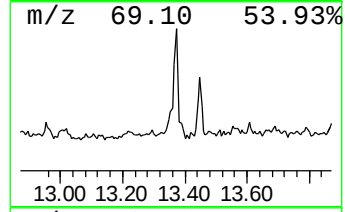
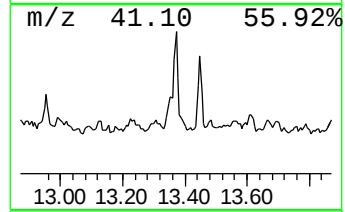
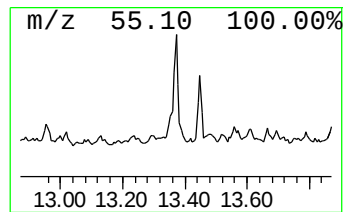
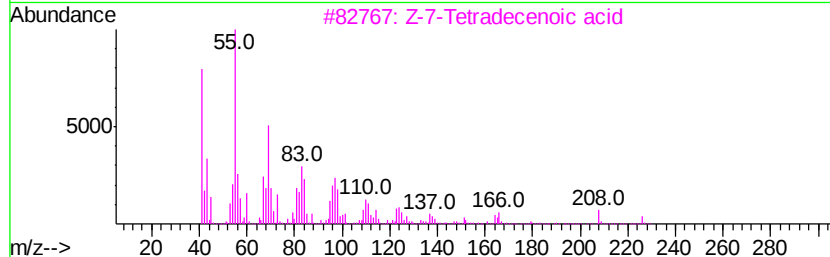
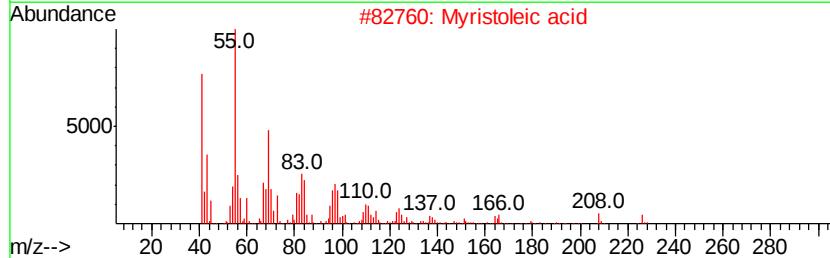
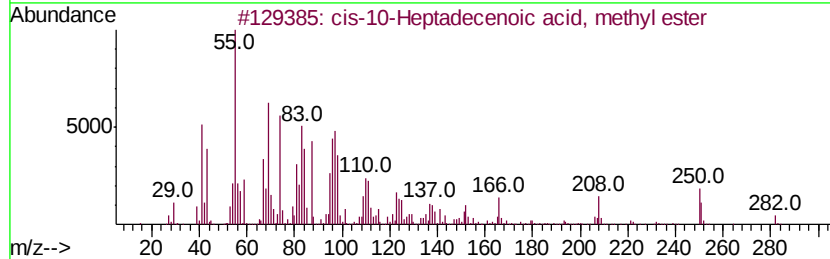
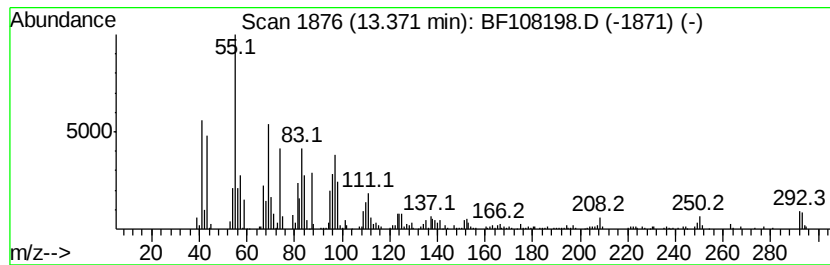
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis-10-Heptadecenoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.37	7.46 ng	476698	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	86
2	Myristoleic acid	226	C14H26O2	000544-64-9	78
3	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	78
4	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	72
5	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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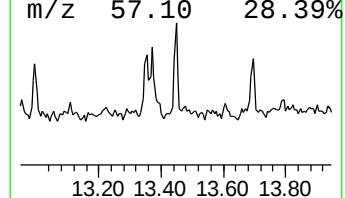
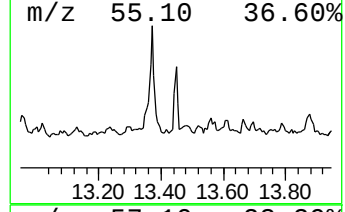
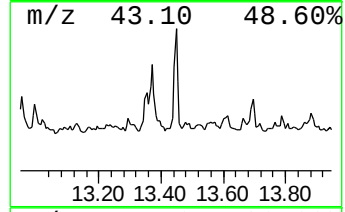
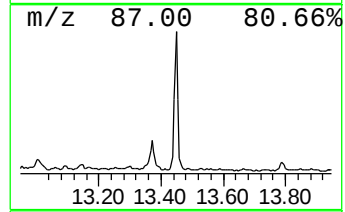
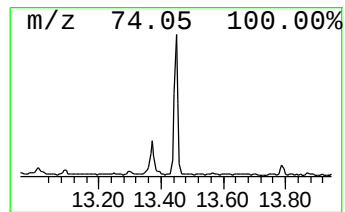
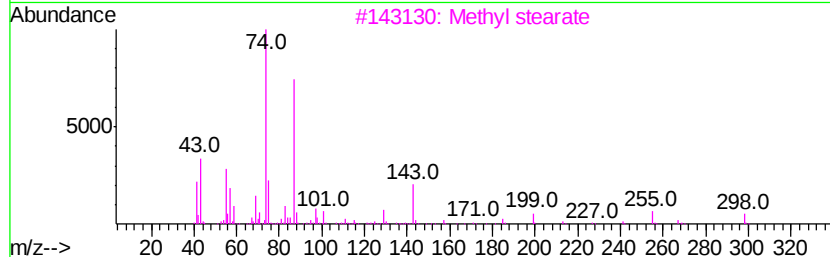
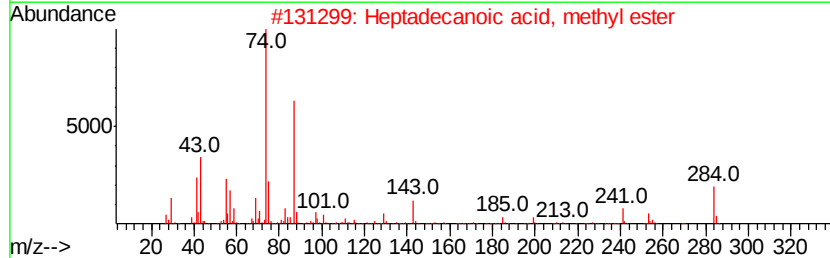
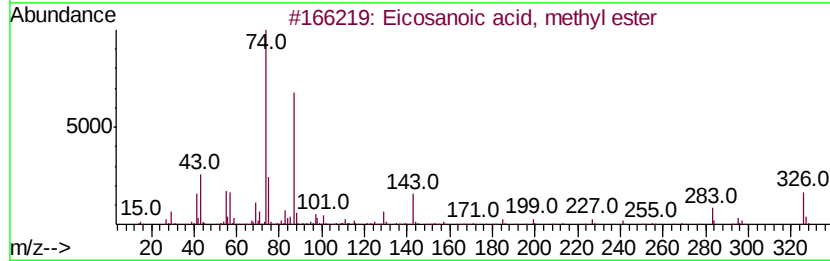
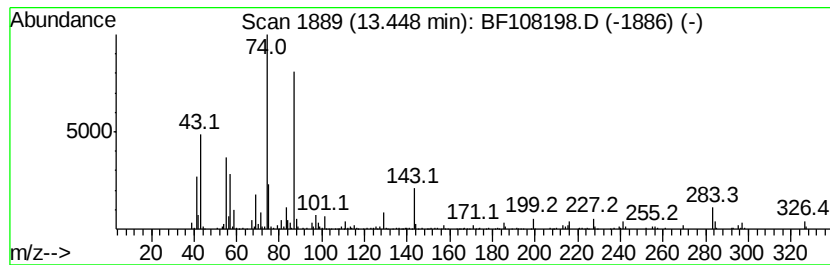
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.45	4.17 ng	266666	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Methyl stearate	298	C19H38O2	000112-61-8	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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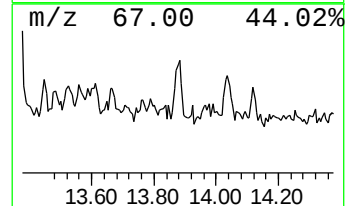
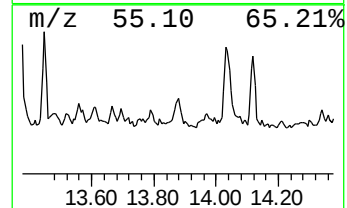
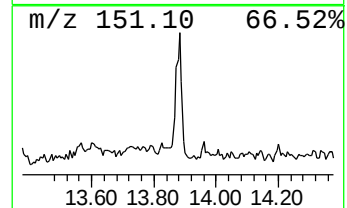
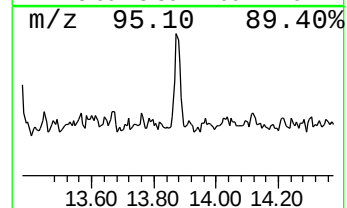
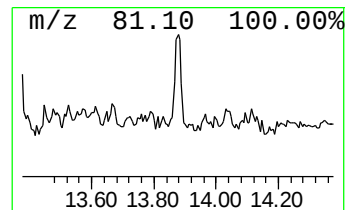
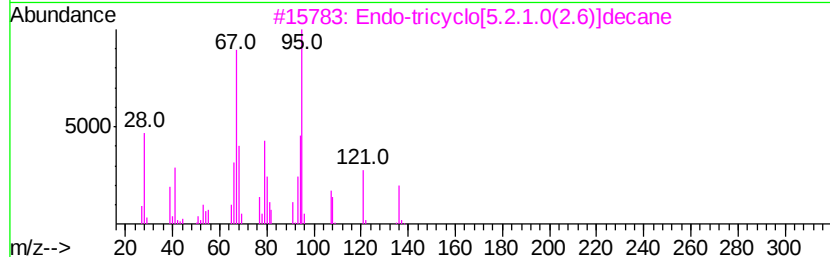
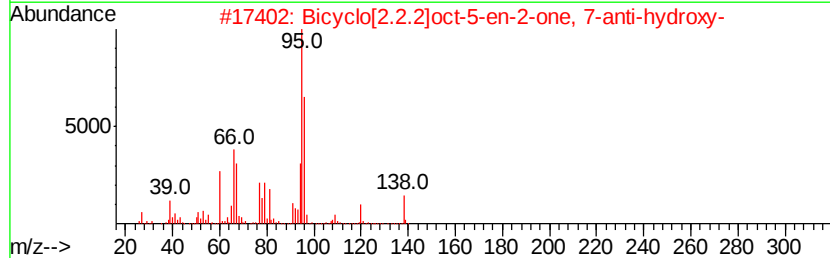
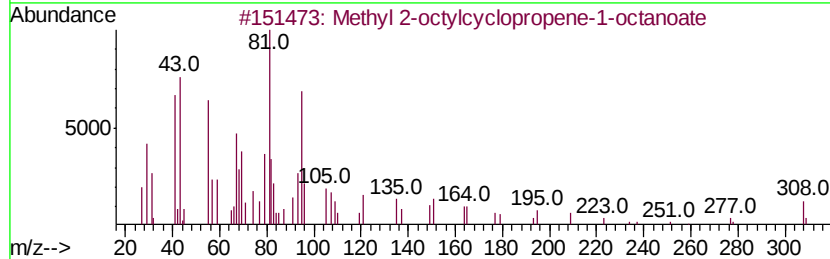
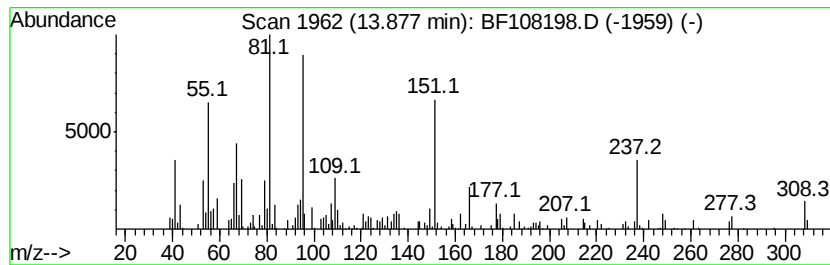
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl 2-octylcyclopropene-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.88	2.19 ng	140105	Chrysene-d12	14.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	55
2	Bicyclo[2.2.2]oct-5-en-2-one, 7-...	138	C8H10O2	1000153-14-8	22
3	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	18
4	Cedrol	222	C15H26O	000077-53-2	18
5	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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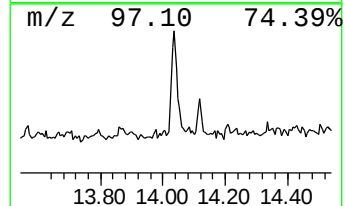
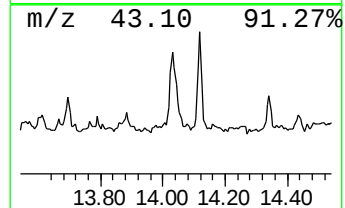
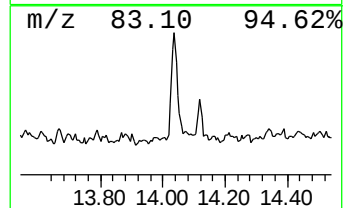
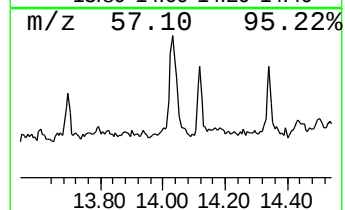
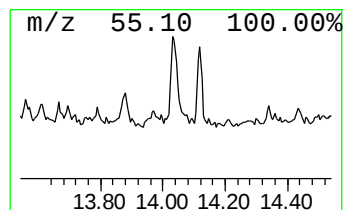
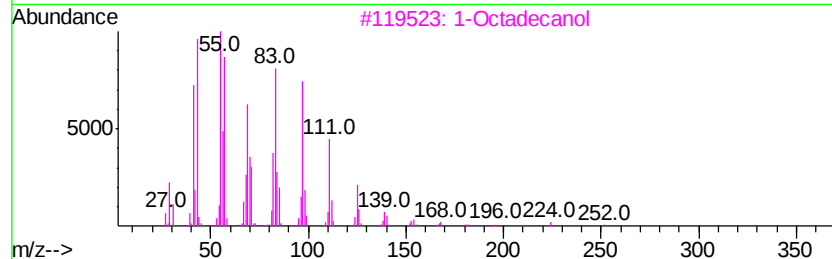
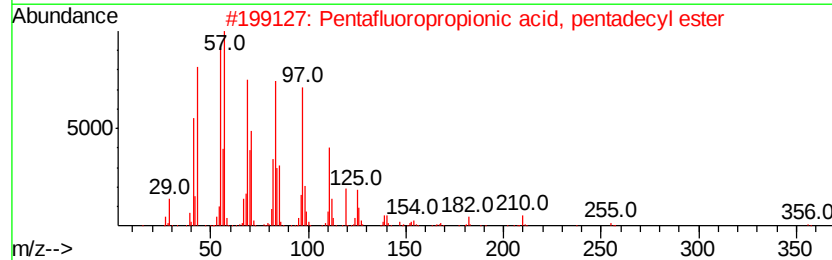
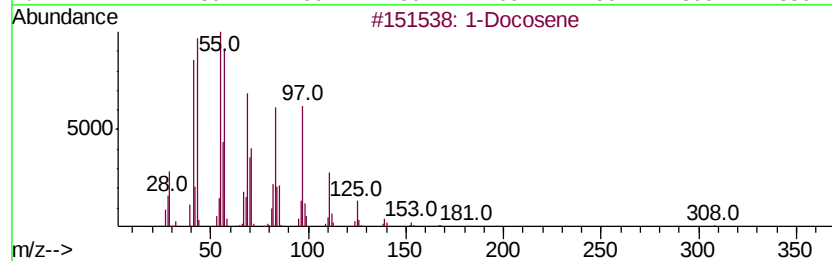
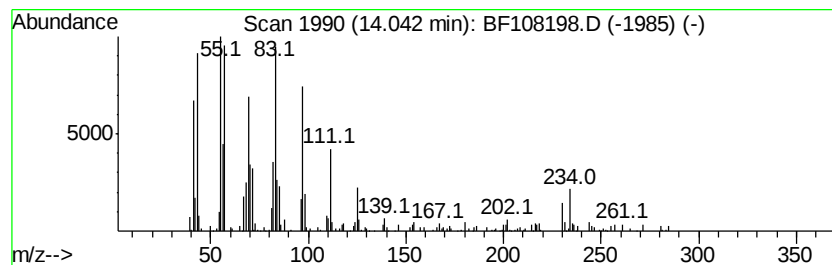
Instrument :
BNA_F
ClientSampleId :
AU-06-081518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.35 ng	277945	Chrysene-d12	14.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 83
2	Pentafluoropropionic acid, penta...		374 C18H31F5O2	959092-08-1 83
3	1-Octadecanol		270 C18H38O	000112-92-5 83
4	Trifluoroacetic acid, pentadecyl...		324 C17H31F3O2	959010-23-2 83
5	Heptadecyl trifluoroacetate		352 C19H35F3O2	1000351-87-0 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108198.D
Acq On : 16 Aug 2018 16:42
Operator : JU/SJ
Sample : J4269-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

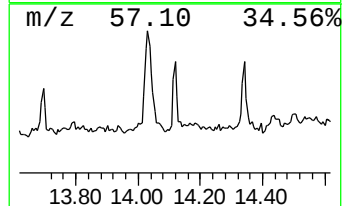
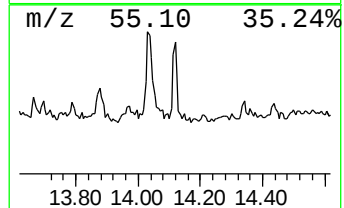
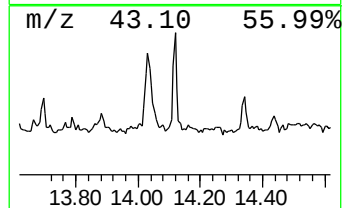
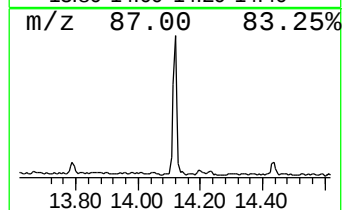
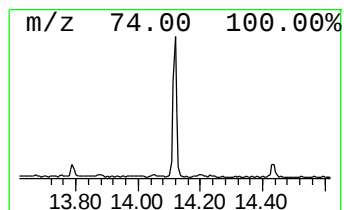
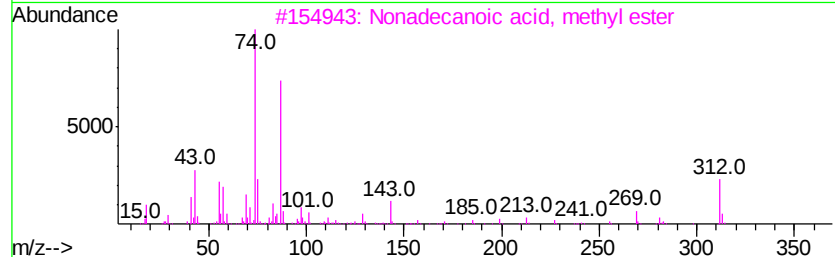
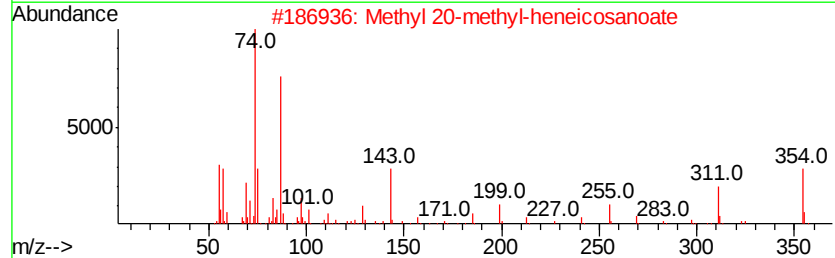
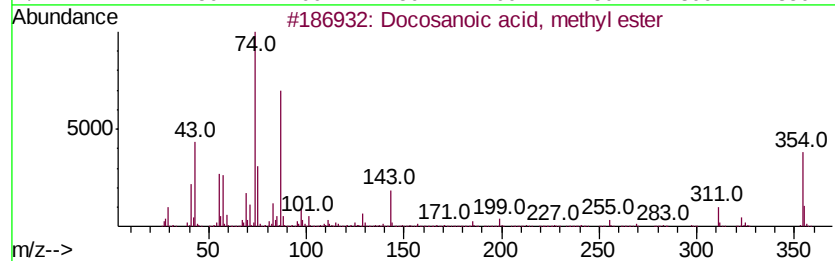
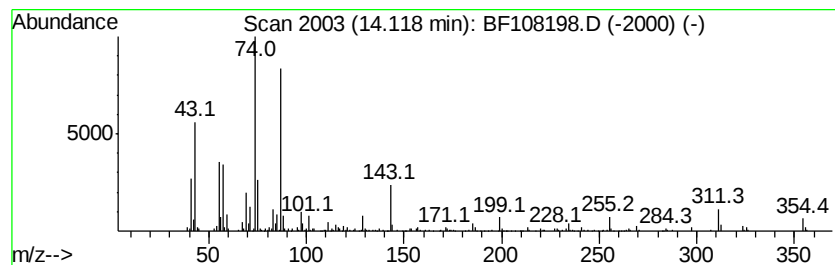
Instrument :
BNA_F
ClientSampleId :
AU-06-081518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.12	4.00 ng	255780	Chrysene-d12		14.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	96
3		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108198.D
 Acq On : 16 Aug 2018 16:42
 Operator : JU/SJ
 Sample : J4269-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-081518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
2-Pentanone, 4-hy...	5.25	3.3	ng	171566	1	7.01	1055380	20.0
unknown6.78	6.78	64.0	ng	3377430	1	7.01	1055380	20.0
7-Hexadecenoic ac...	11.85	3.8	ng	213728	4	11.55	1114130	20.0
Hexadecanoic acid...	11.92	48.9	ng	2724500	4	11.55	1114130	20.0
n-Hexadecanoic acid	12.07	9.3	ng	515137	4	11.55	1114130	20.0
9,12-Octadecadien...	12.62	112.1	ng	6242160	4	11.55	1114130	20.0
16-Octadecenoic a...	12.65	219.8	ng	12241300	4	11.55	1114130	20.0
Methyl stearate	12.72	51.4	ng	2862950	4	11.55	1114130	20.0
cis-10-Heptadecen...	13.37	7.5	ng	476698	5	14.21	1278200	20.0
Eicosanoic acid, ...	13.45	4.2	ng	266666	5	14.21	1278200	20.0
Methyl 2-octylcyc...	13.88	2.2	ng	140105	5	14.21	1278200	20.0
1-Docosene	14.04	4.3	ng	277945	5	14.21	1278200	20.0
Docosanoic acid, ...	14.12	4.0	ng	255780	5	14.21	1278200	20.0