LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108443.D
Acq On : 24 Aug 2018 1:32
Operator : JU/SJ
Sample : J4283-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082118

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\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	5.619	554	558	568	rBV	239622	256377	2.70%	1.050%
2	6.613	723	727	738	rBV	271812	281704	2.97%	1.154%
3	6.766	749	753	759	rBV	325254	285842	3.02%	1.171%
4	7.001	789	793	796	rBV	901111	784917	8.28%	3.215%
5	7.154	815	819	826	rBV	261917	220742	2.33%	0.904%
6	7.560	884	888	897	rBV	168208	198589	2.09%	0.813%
7	8.283	1006	1011	1015	rBV	1198890	972345	10.26%	3.983%
8	9.354	1190	1193	1200	rBV	386004	311932	3.29%	1.278%
9	9.613	1234	1237	1242	rBV	107841	95325	1.01%	0.390%
10	10.048	1307	1311	1314	rBV	1085451	1013080	10.69%	4.149%
11	10.836	1441	1445	1452	rBV	118921	114809	1.21%	0.470%
12	11.542	1561	1565	1568	rBV	931875	853475	9.00%	3.496%
13	11.830	1611	1614	1618	rVB	232545	200947	2.12%	0.823%
14	11.912	1624	1628	1631	rVB	3411080	2926261	30.87%	11.986%
15	12.601	1741	1745	1746	rBV	2211196	1983760	20.93%	8.125%
16	12.630	1746	1750	1756	rVV	8609085	9480110	100.00%	38.829%
17	12.706	1759	1763	1766	rVB	2253276	2016899	21.28%	8.261%
18	13.124	1830	1834	1836	rBV	266923	230465	2.43%	0.944%
19	13.301	1857	1864	1867	rBV9	44341	99062	1.04%	0.406%
20	13.353	1867	1873	1878	rVB	250983	277807	2.93%	1.138%
21	13.430	1882	1886	1889	rVV	190612	165645	1.75%	0.678%
22	13.865	1955	1960	1965	rVB2	104848	135350	1.43%	0.554%
23	14.095	1996	1999	2003	rBV	140379	144215	1.52%	0.591%
24	14.195	2012	2016	2019	rBV	797681	747911	7.89%	3.063%
25	15.747	2274	2280	2286	rBV	457301	617414	6.51%	2.529%

Sum of corrected areas: 24414983

LSC Report - Integrated Chromatogram

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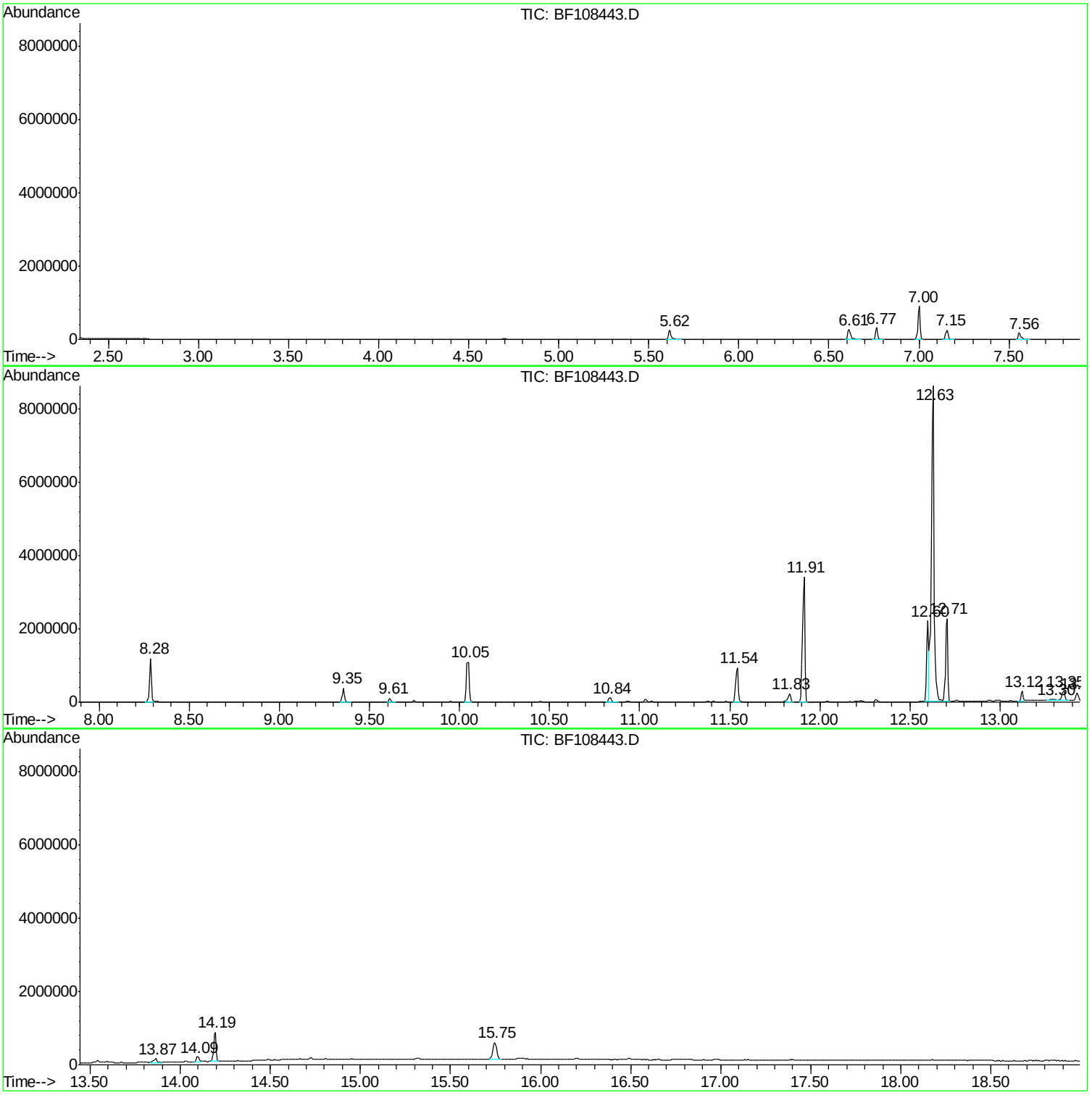
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-082118

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



Library Search Compound Report

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ClientSampleId : TR-04-082118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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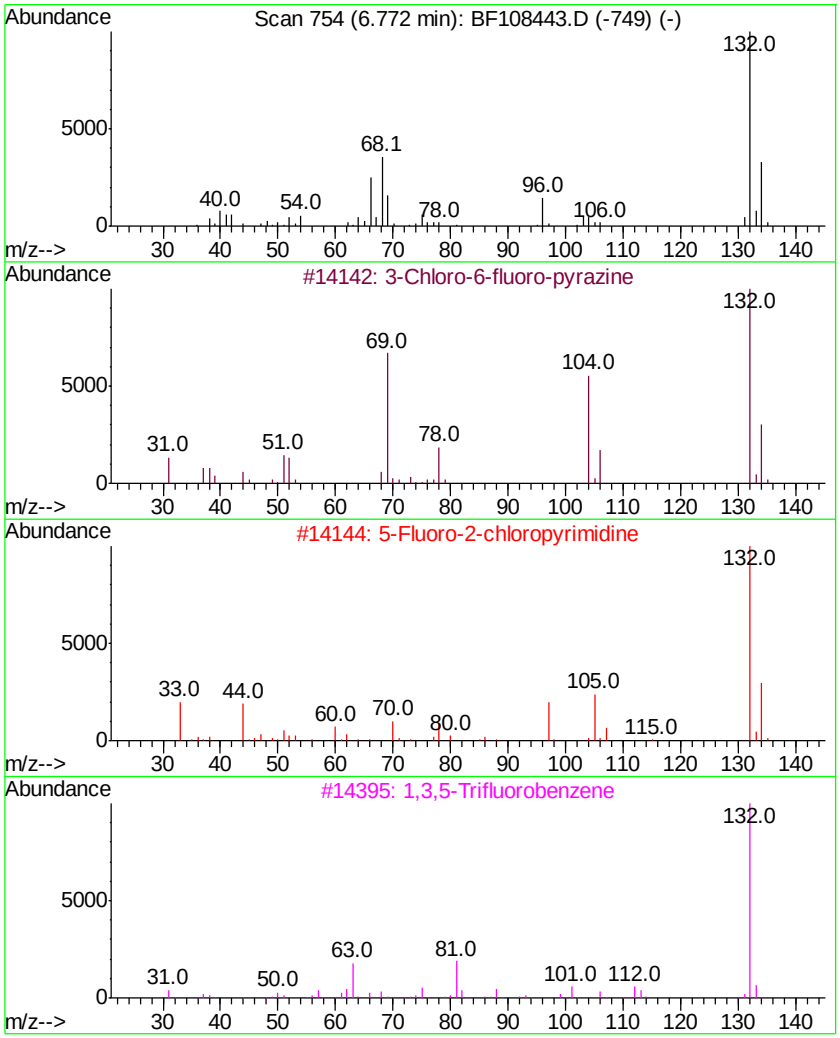
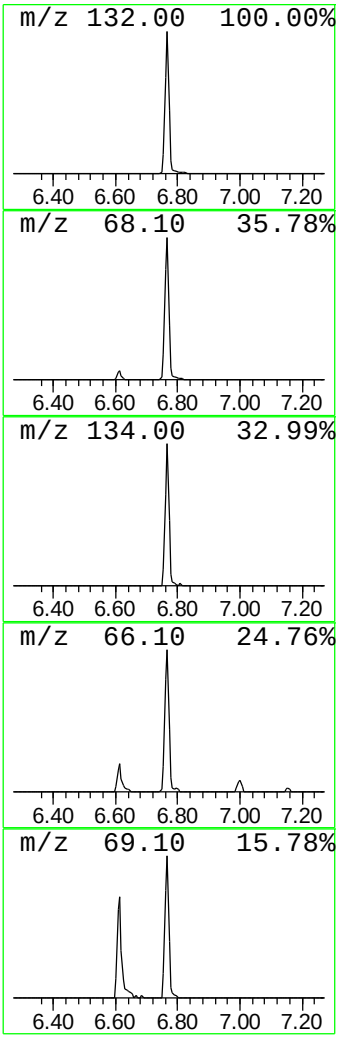
Peak Number 1 unknown6.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	7.28 ng	285842	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-082118

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

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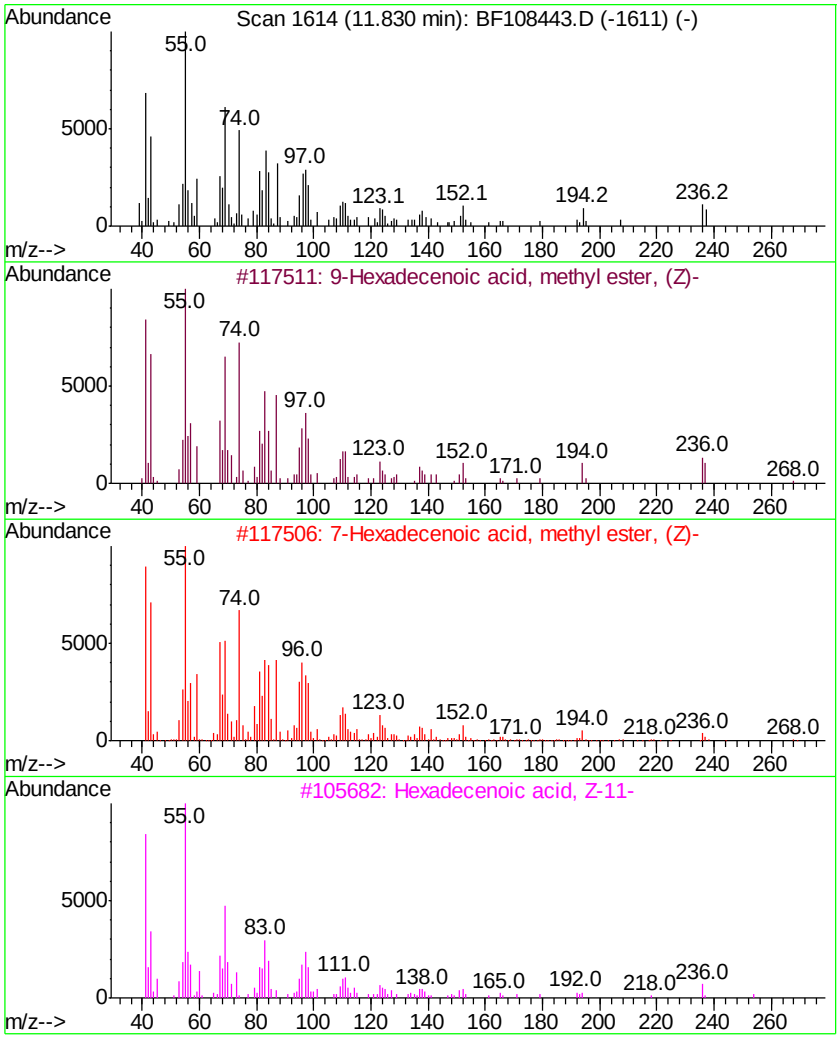
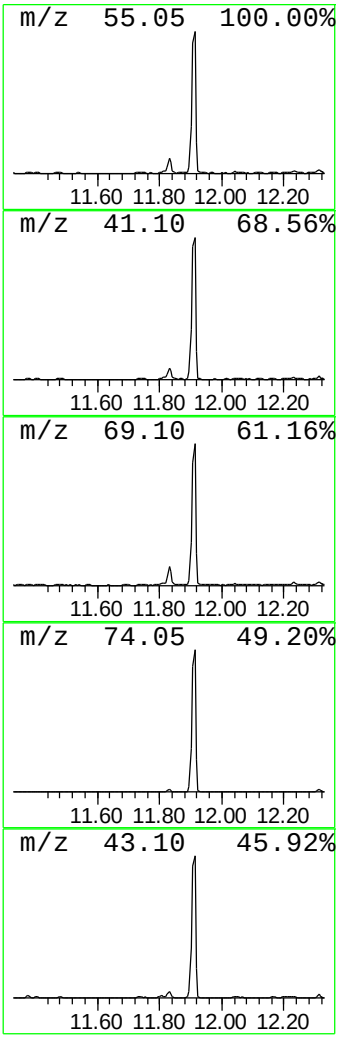
Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.71 ng	200947	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	90
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	86
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	47
4	Palmitoleic acid	254	C16H30O2	000373-49-9	46
5	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	46





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Sample : J4283-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082118

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
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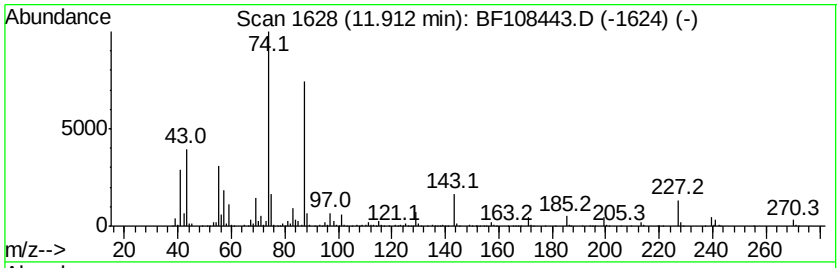
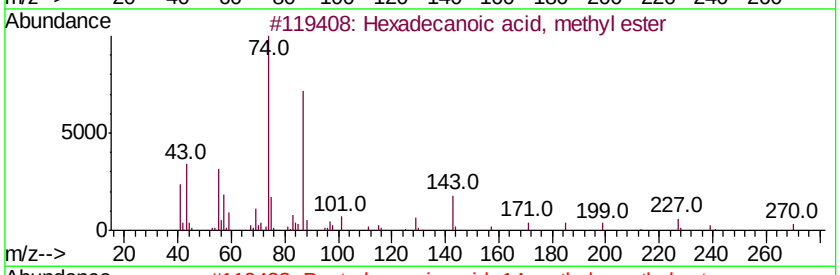
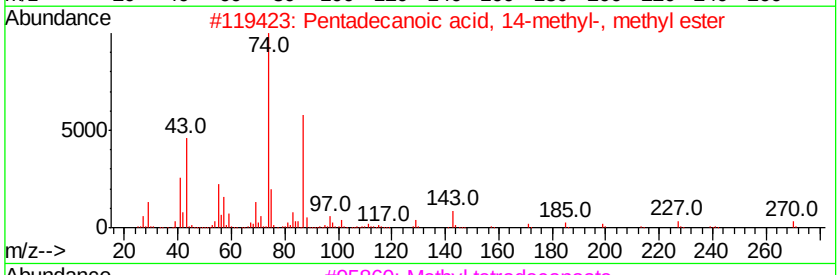
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 2

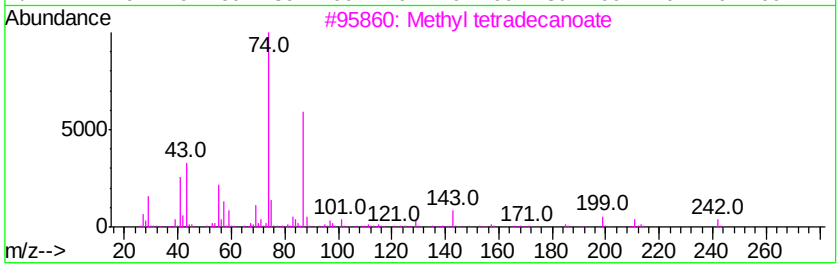
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	68.57 ng	2926260	Phenanthrene-d10	11.54

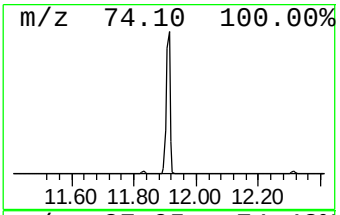
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86

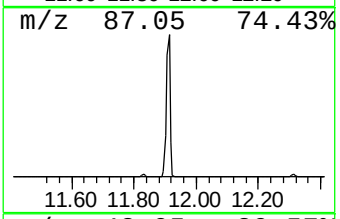


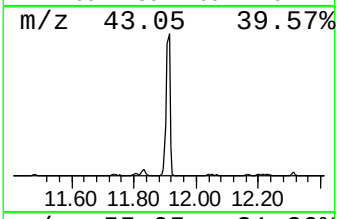


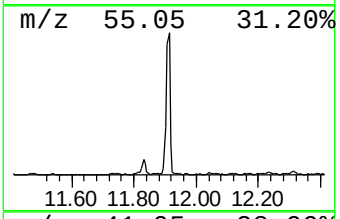


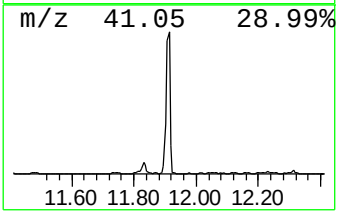












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Instrument : BNA_F
ClientSampleId : TR-04-082118

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

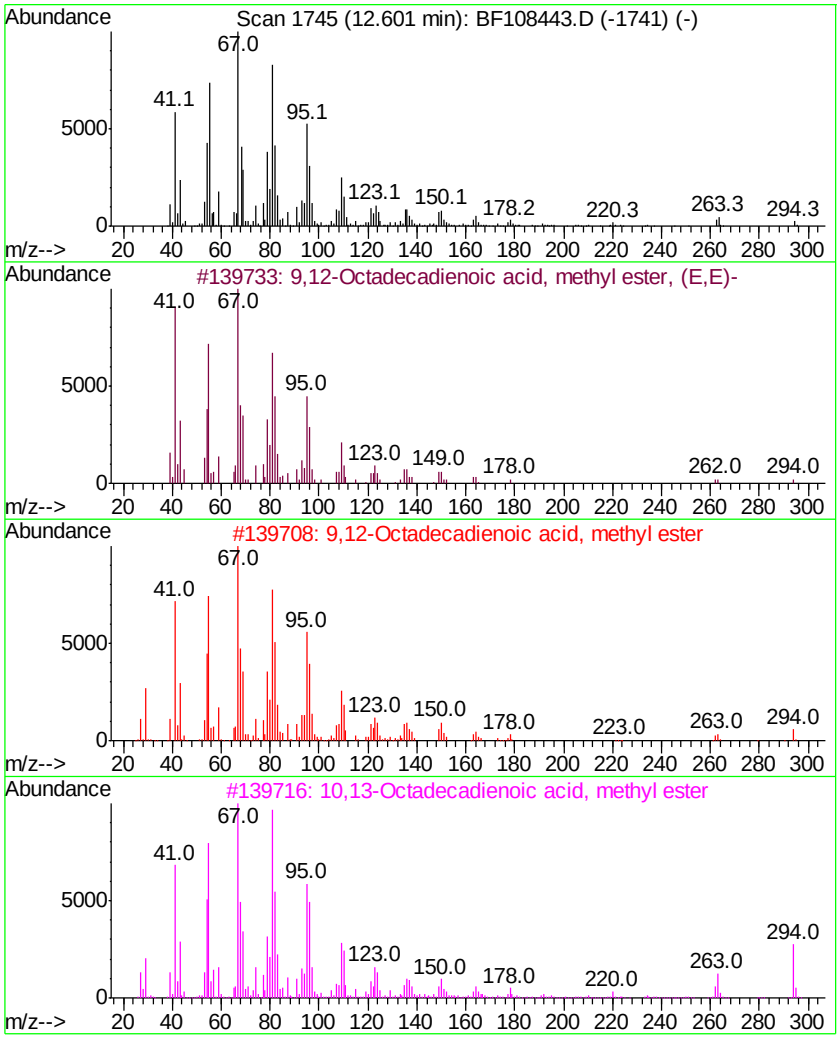
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

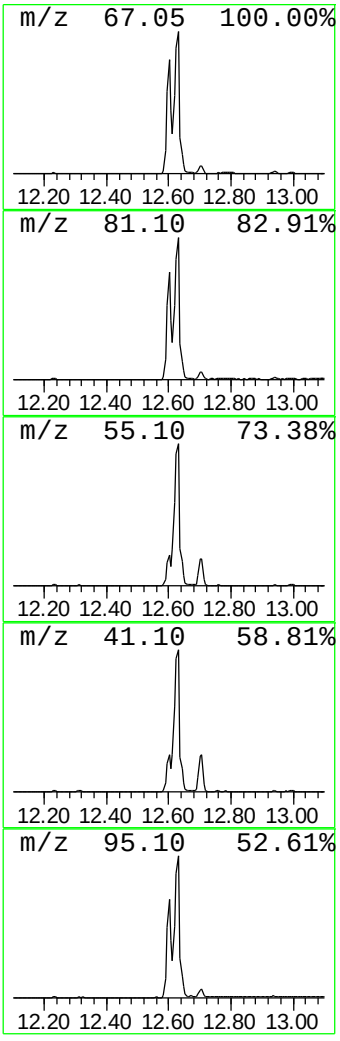
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	46.49 ng	1983760	Phenanthrene-d10	11.54

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





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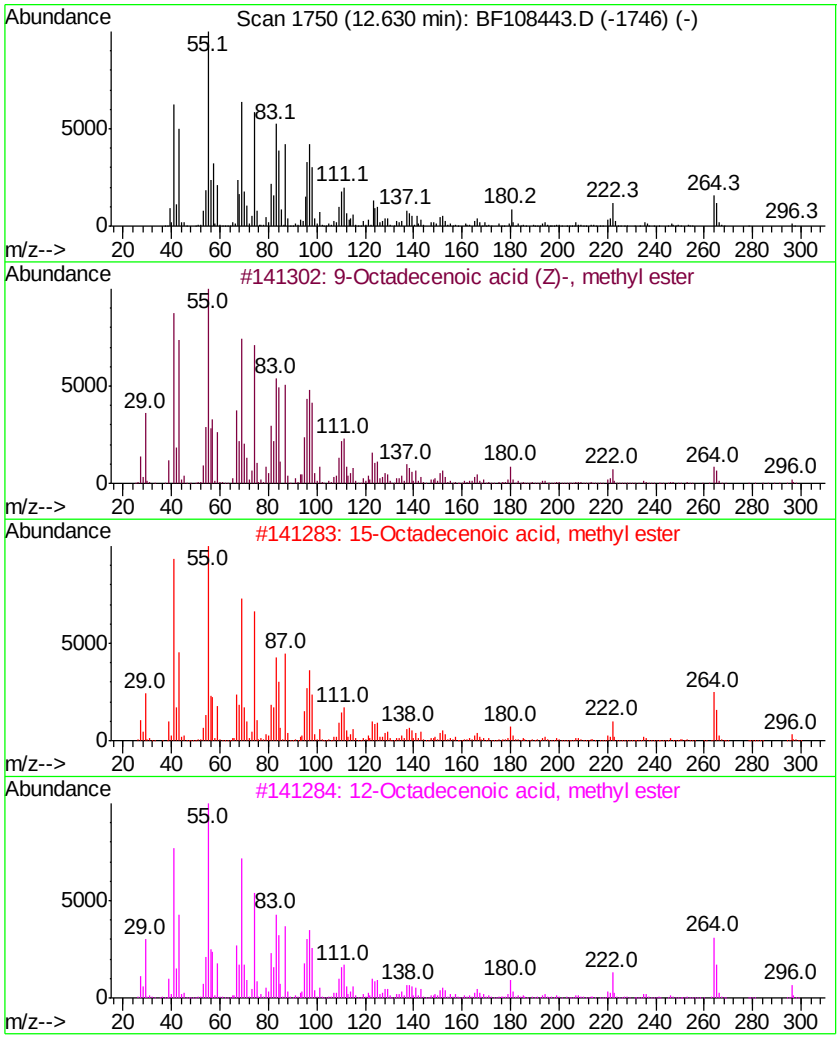
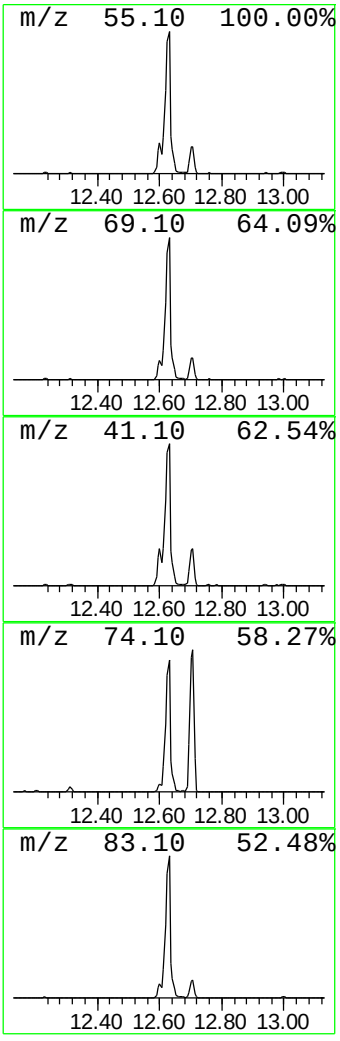
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	222.15 ng	9480110	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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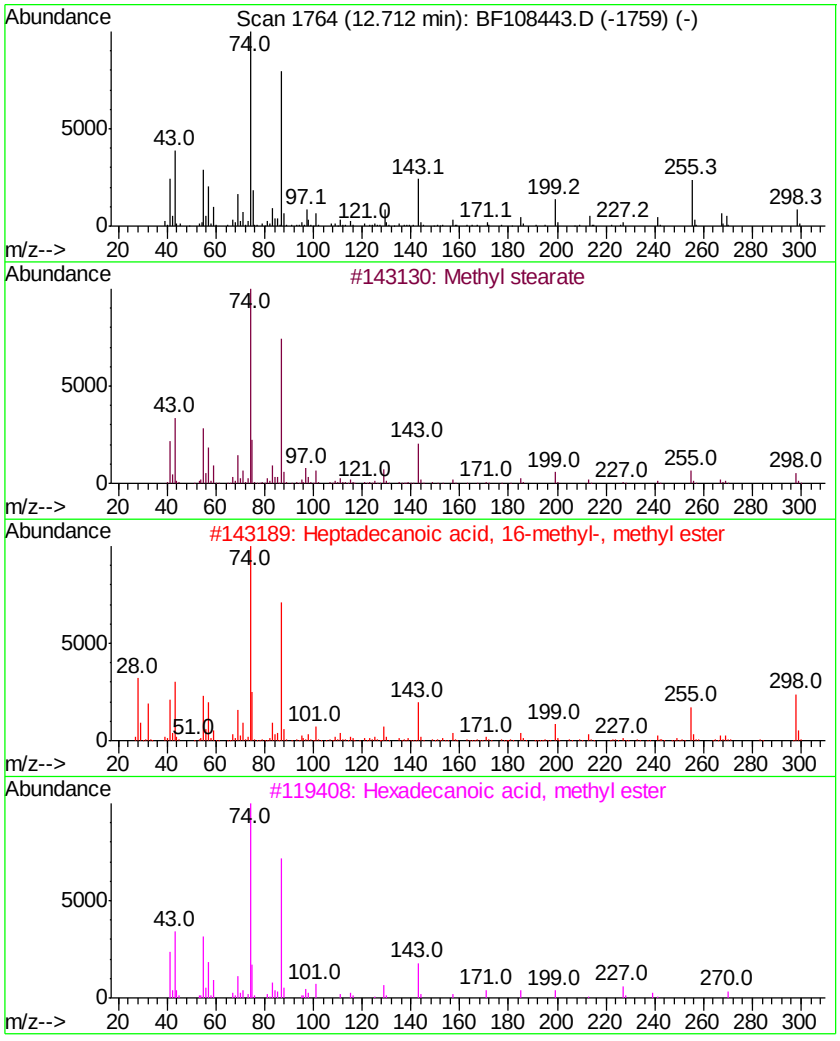
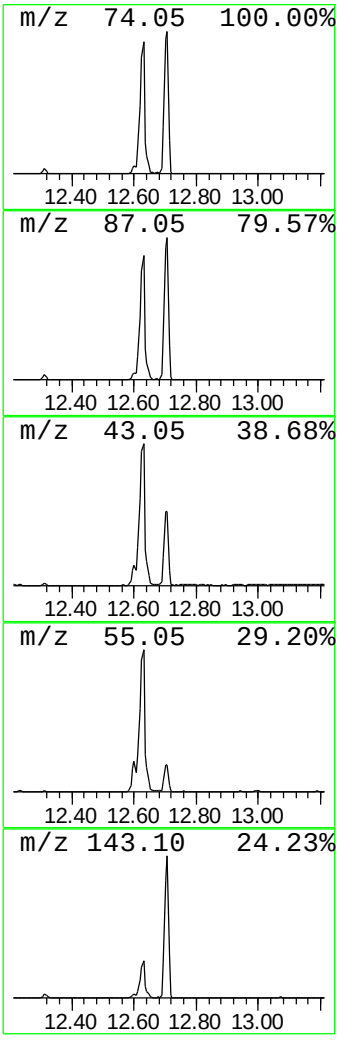
****

Peak Number 7 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	47.26 ng	2016900	Phenanthrene-d10	11.54

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	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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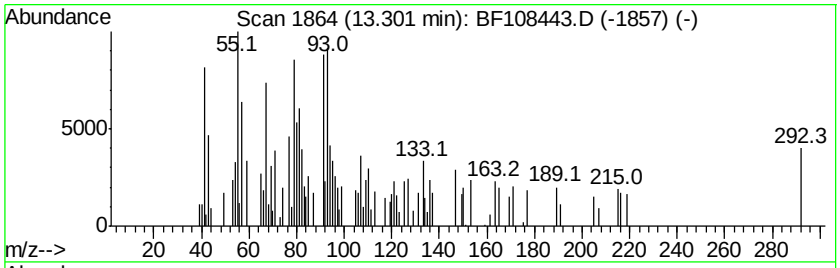
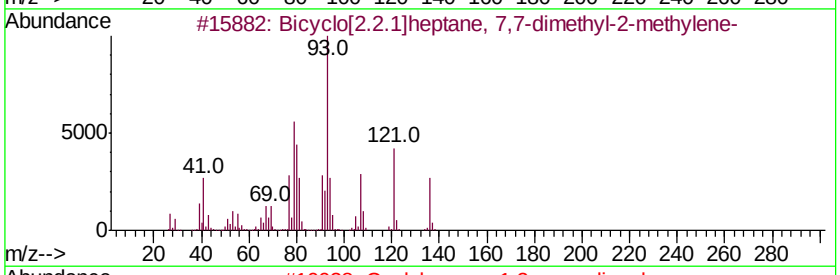
****

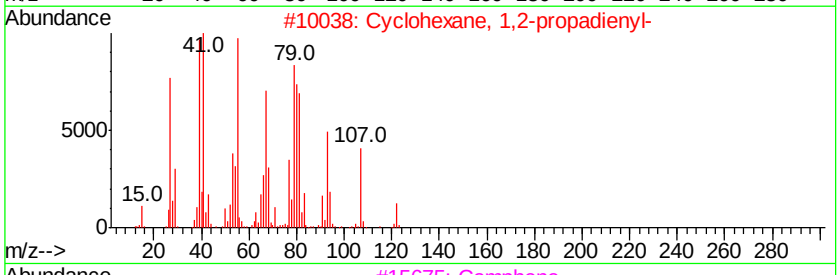
Peak Number 8 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 12

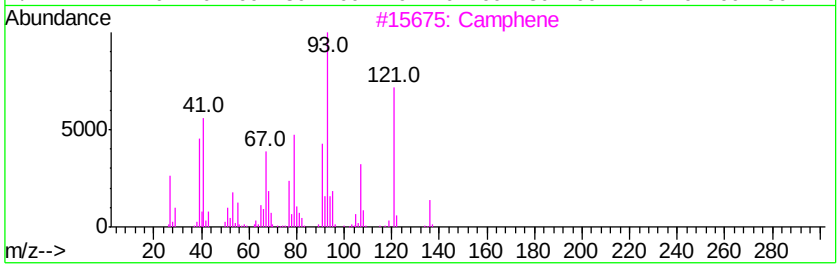
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.65 ng	99062	Chrysene-d12	14.19

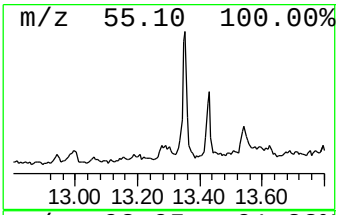
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	55
2	Cyclohexane, 1,2-propadienyl-	122	C9H14	005664-17-5	50
3	Camphene	136	C10H16	000079-92-5	41
4	Dimethyl 1-methylvinylphosphonate	150	C5H11O3P	038281-98-0	38
5	2,4,6-Trimethyl-1,3,6-heptatriene	136	C10H16	024648-33-7	38

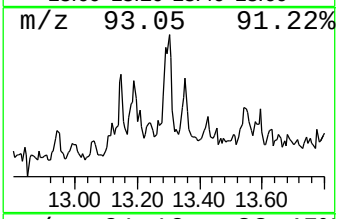


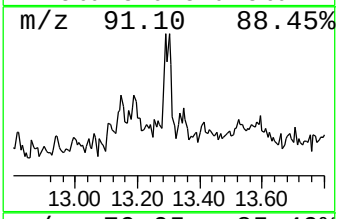


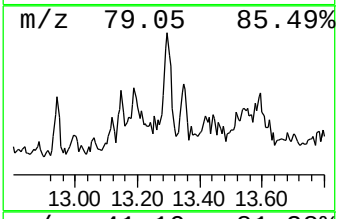


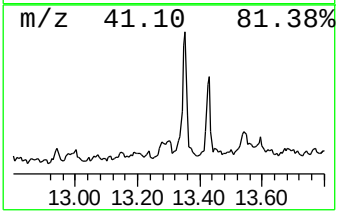












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108443.D
Acq On : 24 Aug 2018 1:32
Operator : JU/SJ
Sample : J4283-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082118

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

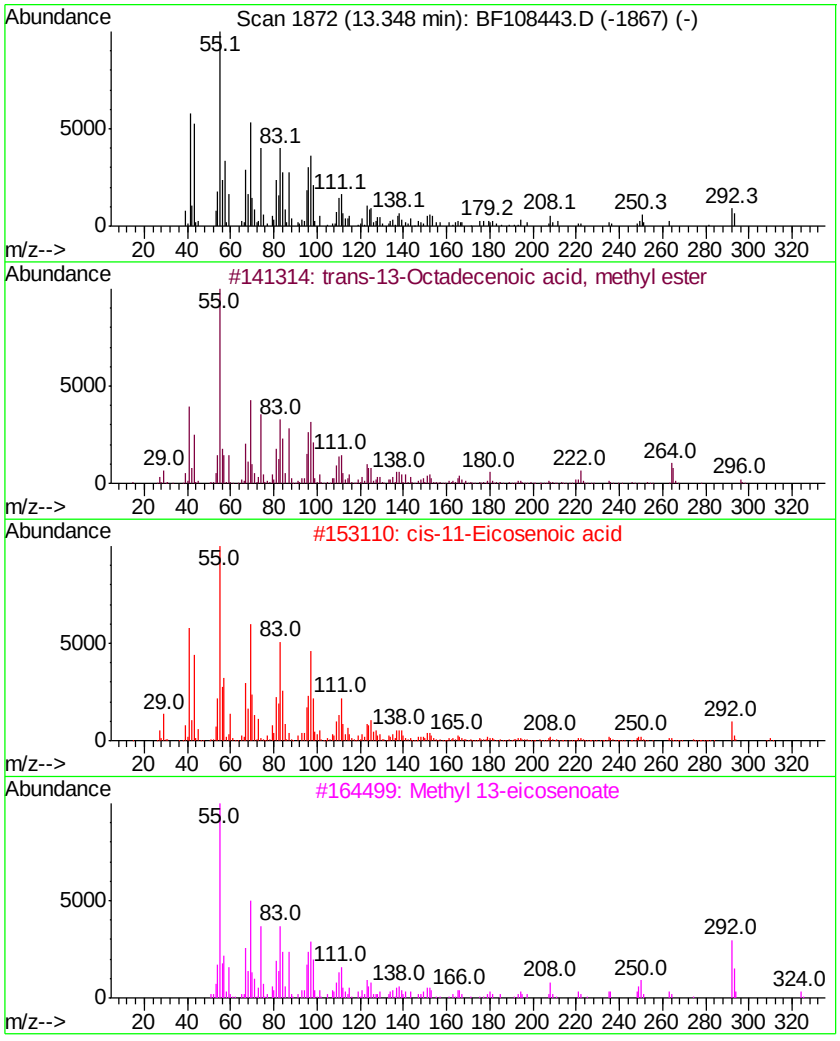
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

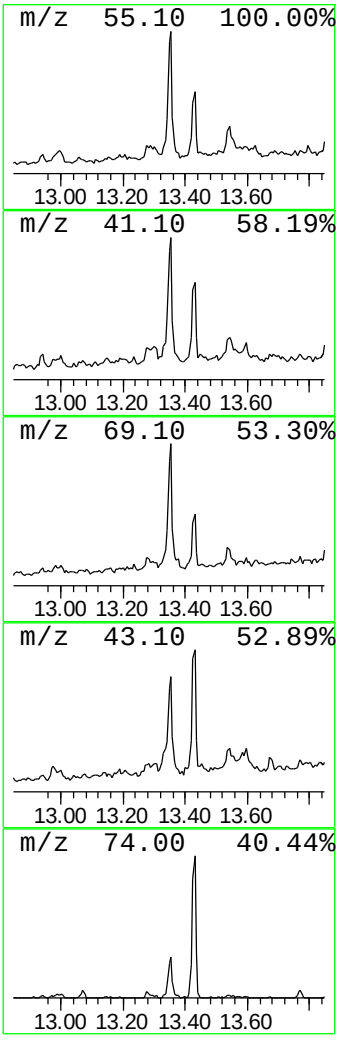
****

Peak Number 9 trans-13-Octadecenoic acid,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	7.43 ng	277807	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	90
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	87
3	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	83
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	76
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	74





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Sample : J4283-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082118

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

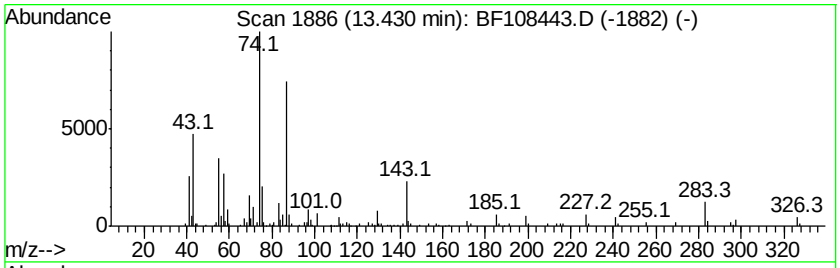
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

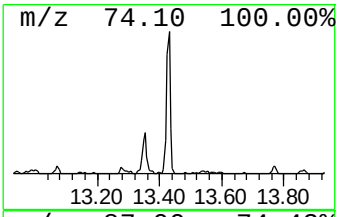
****

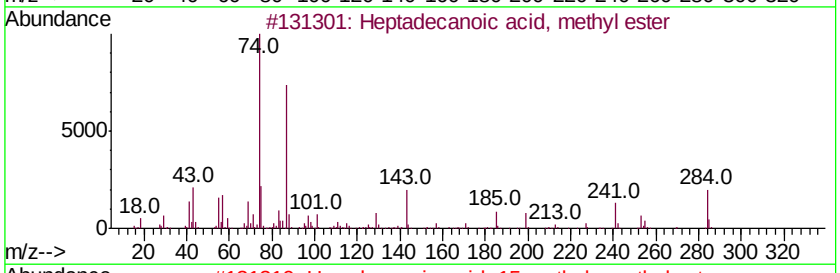
Peak Number 10 Heptadecanoic acid, methyl ... Concentration Rank 9

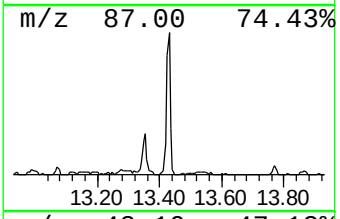
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.43 ng	165645	Chrysene-d12	14.19

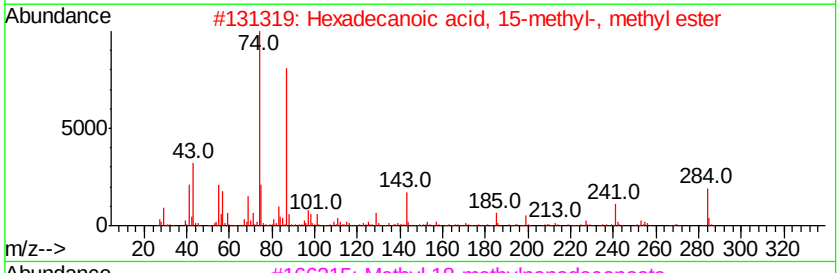
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	97
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	87
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87

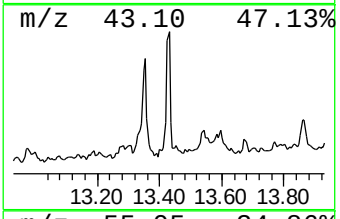


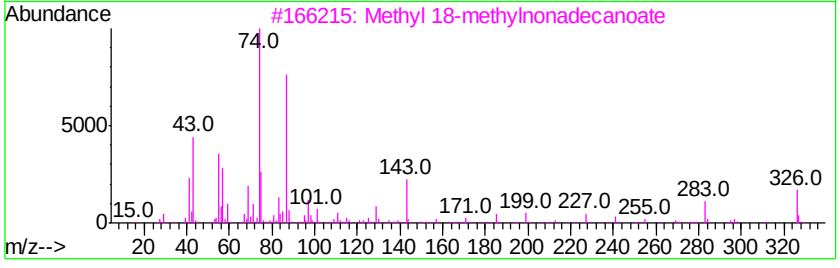


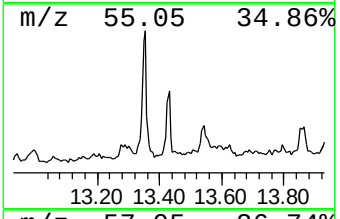


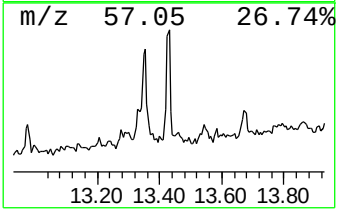












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Operator : JU/SJ
Sample : J4283-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-082118

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

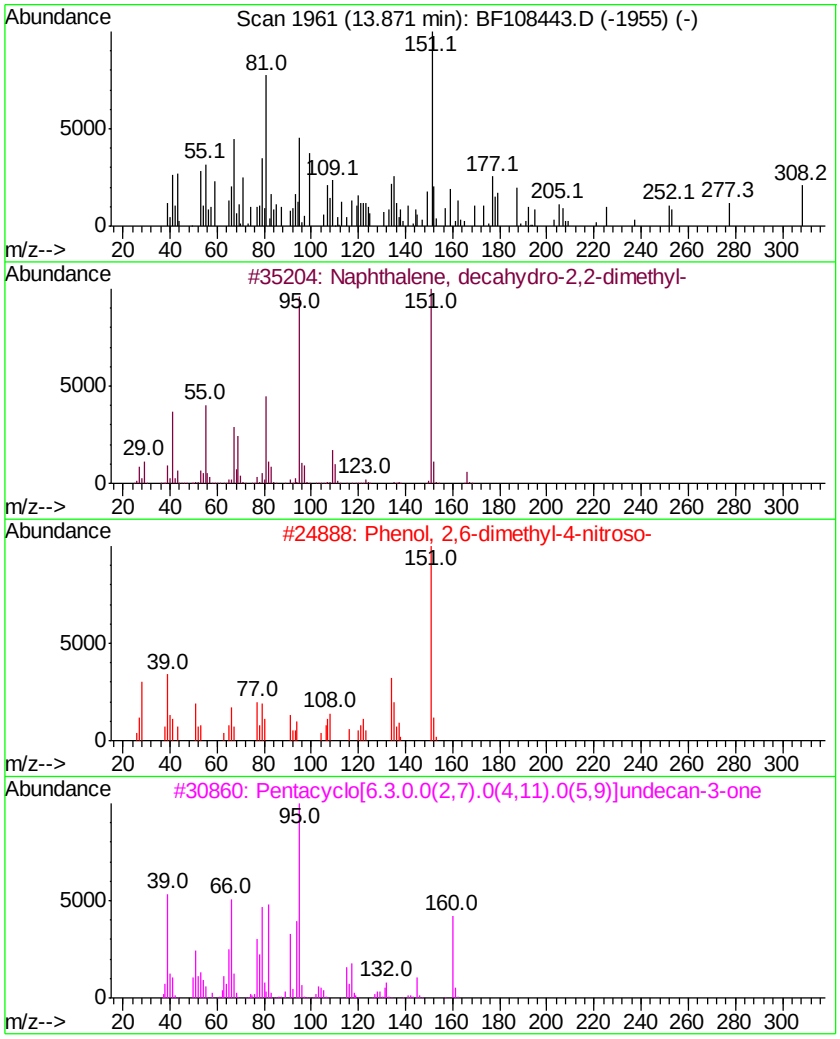
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

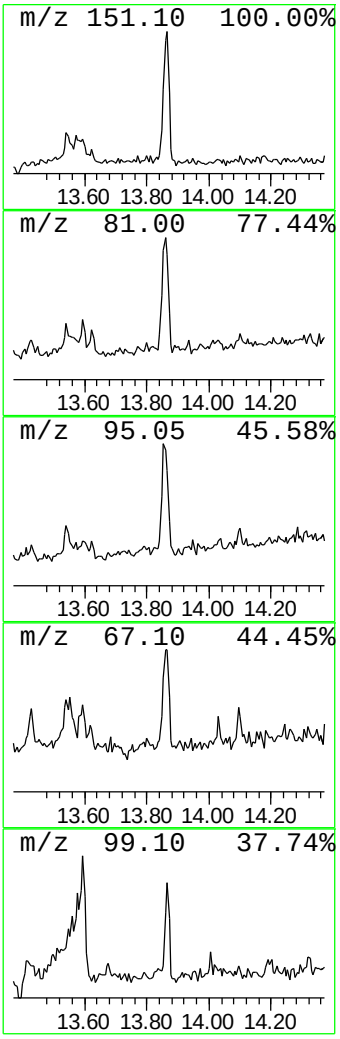
****

Peak Number 11 unknown13.07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.62 ng	135350	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	20
2	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	18
3	Pentacyclo[6.3.0.0(2,7).0(4,11)....	160	C11H12O	069649-19-0	14
4	1,4 Benzodioxan-6-amine	151	C8H9NO2	022013-33-8	14
5	Benzofuran-4(5H)-one, 6,7-dihydr...	151	C8H9NO2	061190-46-3	14





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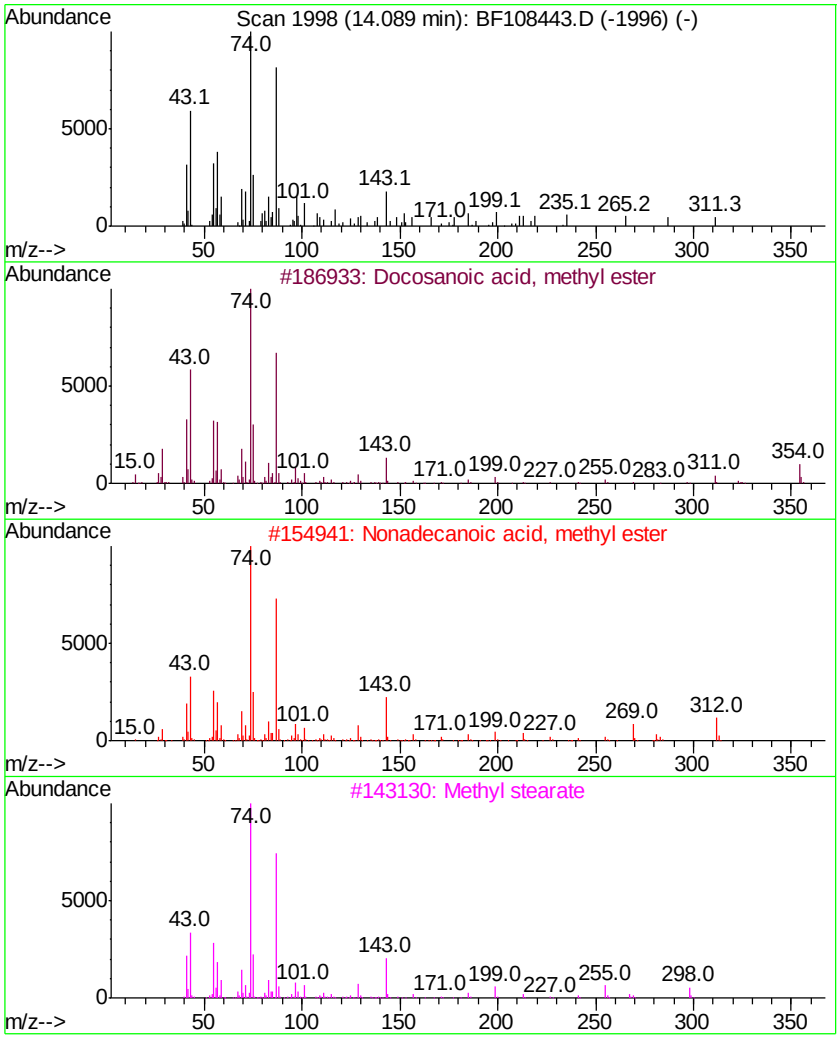
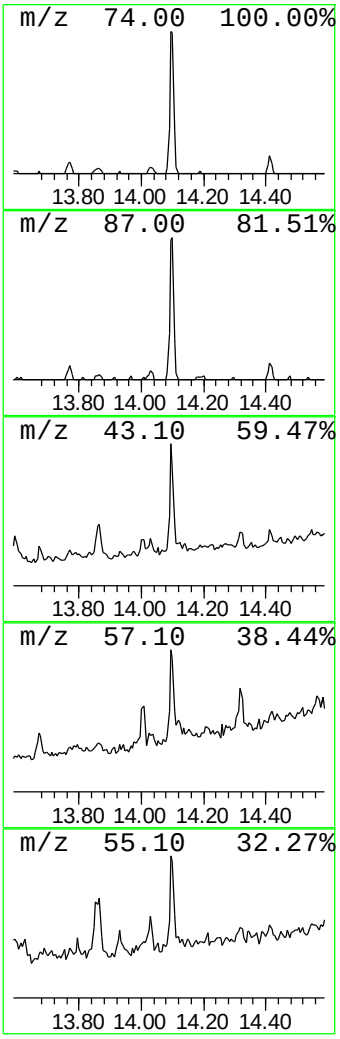
****

Peak Number 12 Docosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	3.86 ng	144215	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	94
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Octadecanoic acid, 17-methyl-, m...	312	C20H40O2	055124-97-5	90
5	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
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Operator : JU/SJ
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Misc :
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.77	6.77	7.3	ng	285842	1	7.00	784917	20.0
9-Hexadecenoic ac...	11.83	4.7	ng	200947	4	11.54	853475	20.0
Hexadecanoic acid...	11.91	68.6	ng	2926260	4	11.54	853475	20.0
9,12-Octadecadien...	12.60	46.5	ng	1983760	4	11.54	853475	20.0
9-Octadecenoic ac...	12.63	222.2	ng	9480110	4	11.54	853475	20.0
Methyl stearate	12.71	47.3	ng	2016900	4	11.54	853475	20.0
Bicyclo[2.2.1]hep...	13.30	2.6	ng	99062	5	14.19	747911	20.0
trans-13-Octadece...	13.35	7.4	ng	277807	5	14.19	747911	20.0
Heptadecanoic aci...	13.43	4.4	ng	165645	5	14.19	747911	20.0
unknown13.07	13.87	3.6	ng	135350	5	14.19	747911	20.0
Docosanoic acid, ...	14.09	3.9	ng	144215	5	14.19	747911	20.0