LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128830.D
Acq On : 15 Jun 2022 17:22
Operator : CG\JU
Sample : N3348-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-5-061422

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	529	532	544	rBV	1471994	1381402	2.01%	1.254%
2	6.440	702	706	716	rBV	1538953	1403386	2.04%	1.273%
3	7.345	856	860	863	rBV	1081046	894719	1.30%	0.812%
4	9.145	1162	1166	1169	rVB	1593276	1413609	2.06%	1.283%
5	11.733	1598	1606	1609	rVV	12642543	21010079	30.61%	19.065%
6	12.480	1715	1733	1734	rBV4	13747232	68633839	100.00%	62.280%
7	12.539	1740	1743	1746	rVB2	10239877	9735039	14.18%	8.834%
8	12.574	1746	1749	1757	rBV2	1304118	2235912	3.26%	2.029%
9	12.921	1802	1808	1810	rBV	1653214	1411007	2.06%	1.280%
10	13.227	1857	1860	1864	rVB	1108058	1048639	1.53%	0.952%
11	13.898	1971	1974	1979	rVB	1257215	1034008	1.51%	0.938%

Sum of corrected areas: 110201639

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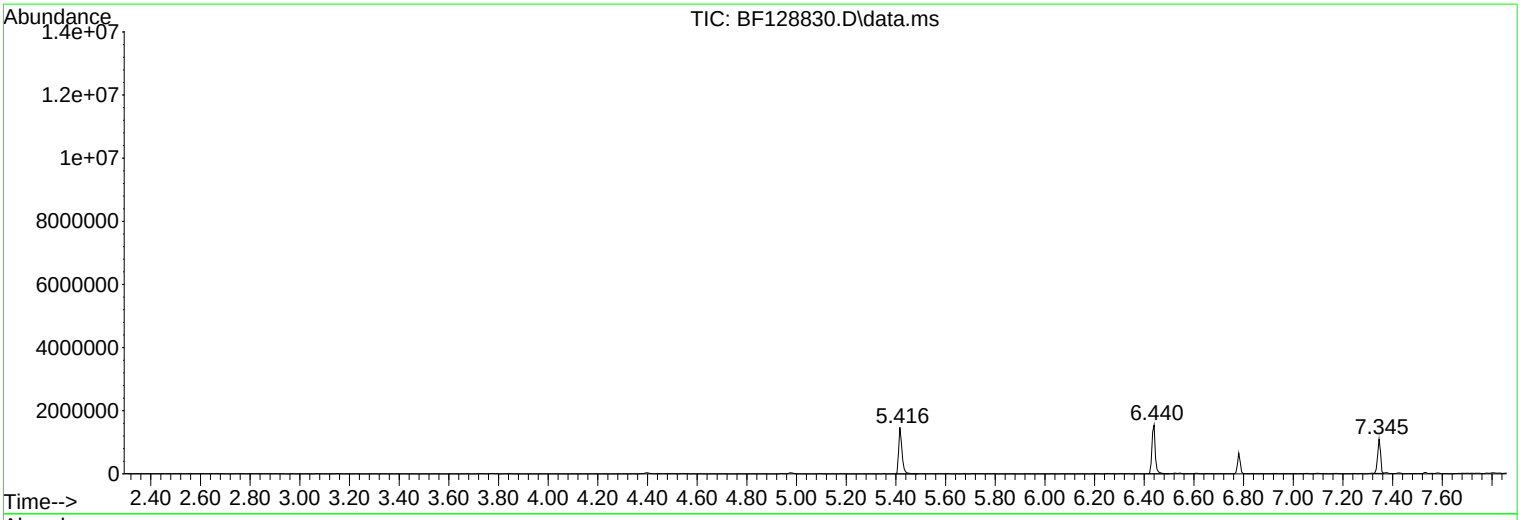
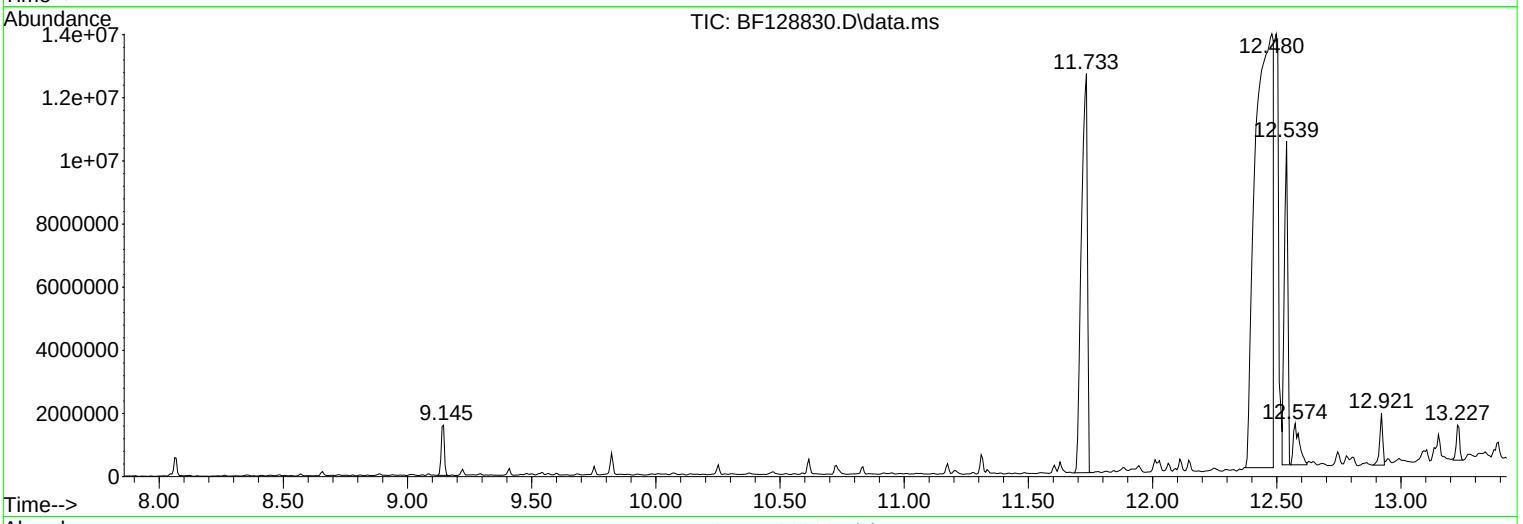
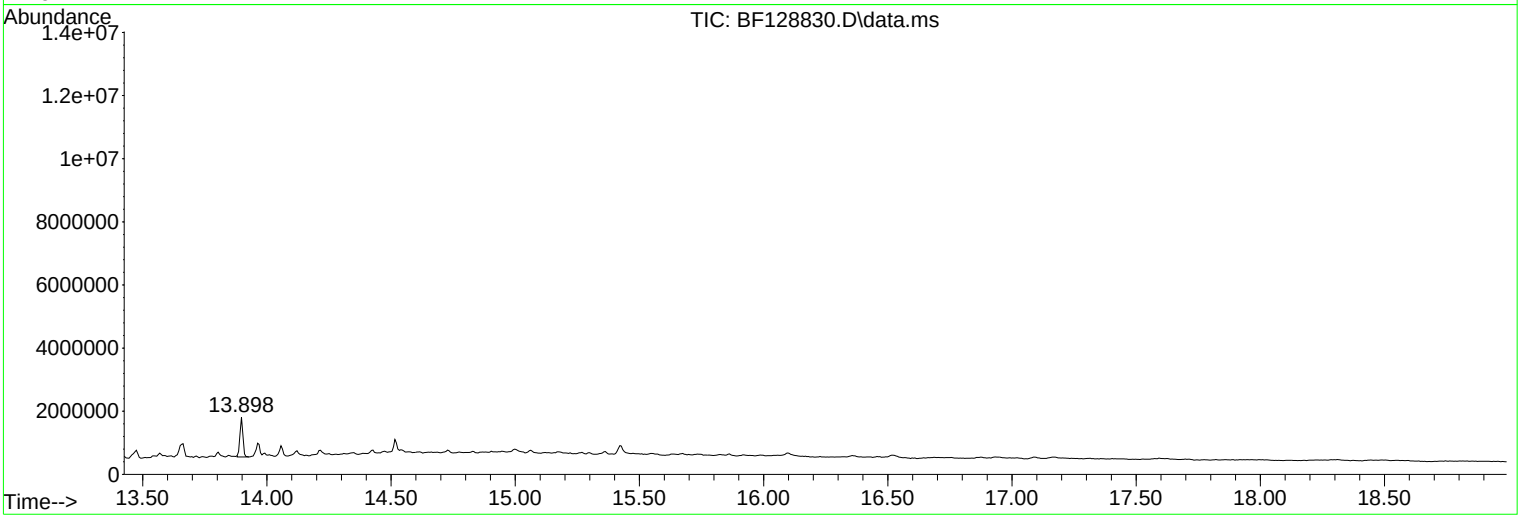
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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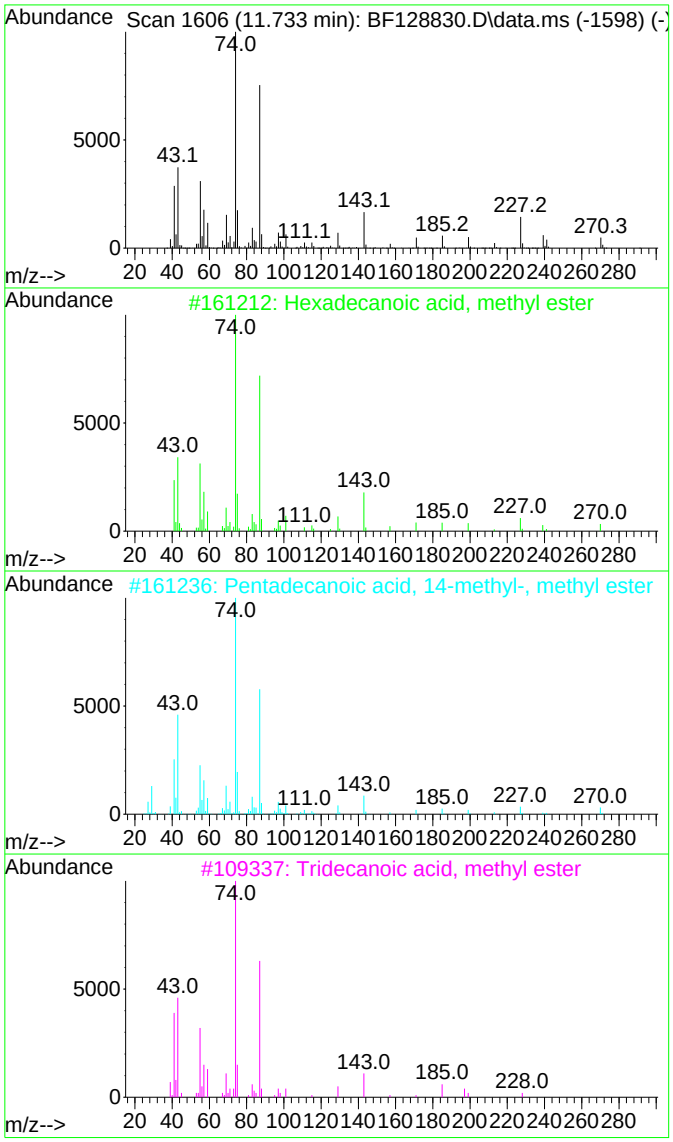
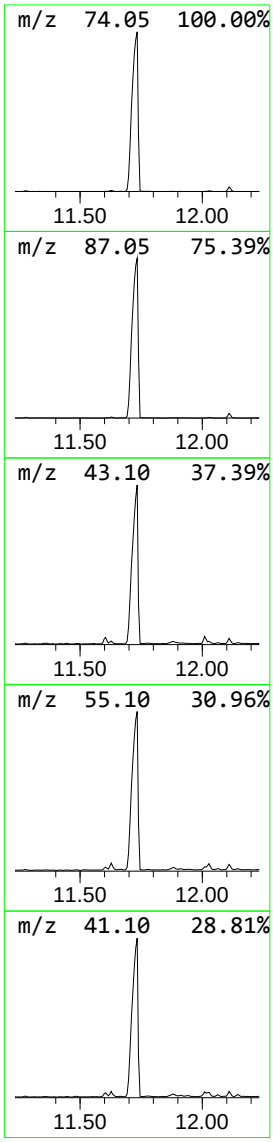
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	20.00 ng	21010100	Phenanthrene-d10	11.310

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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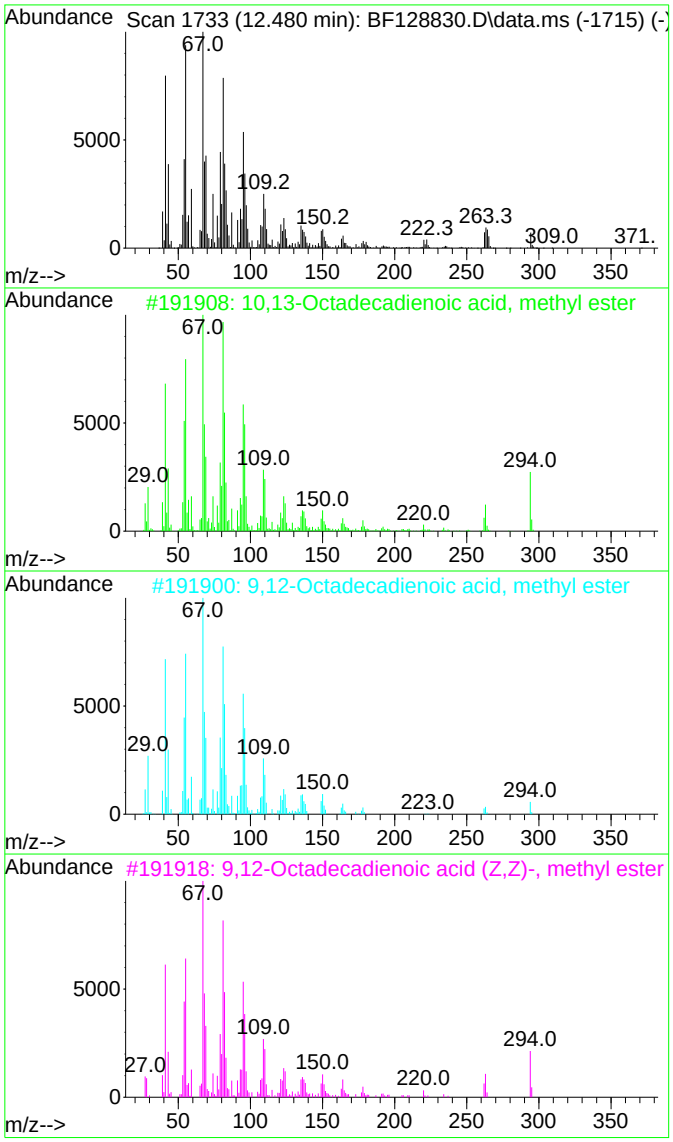
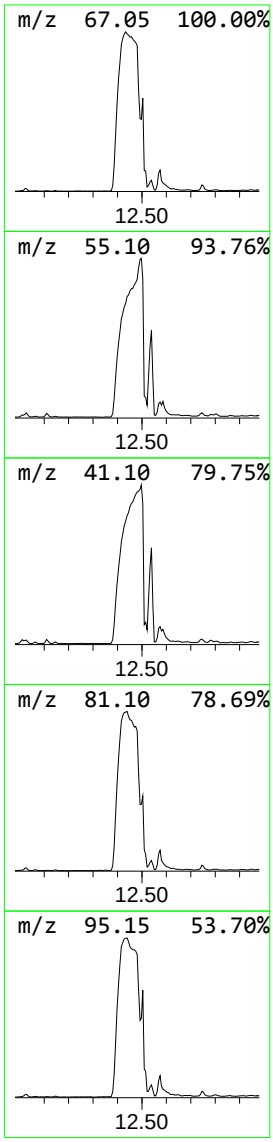
****
Peak Number 2 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	65.33 ng	68633800	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99





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Instrument :
BNA_F
ClientSampleId :
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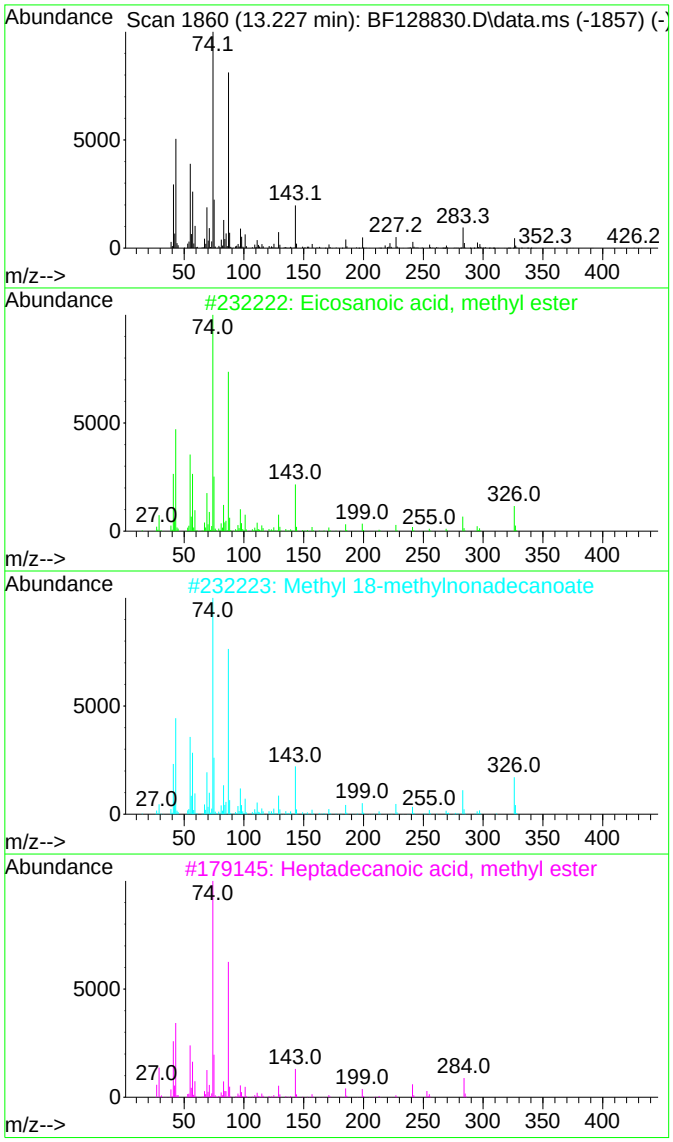
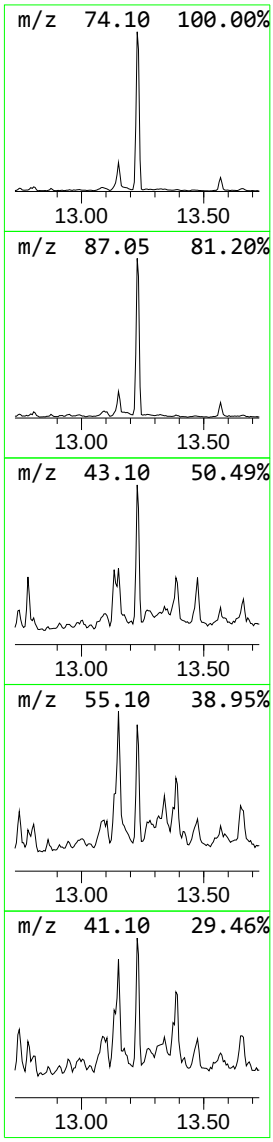
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Eicosanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	20.28 ng	1048640	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	94
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90





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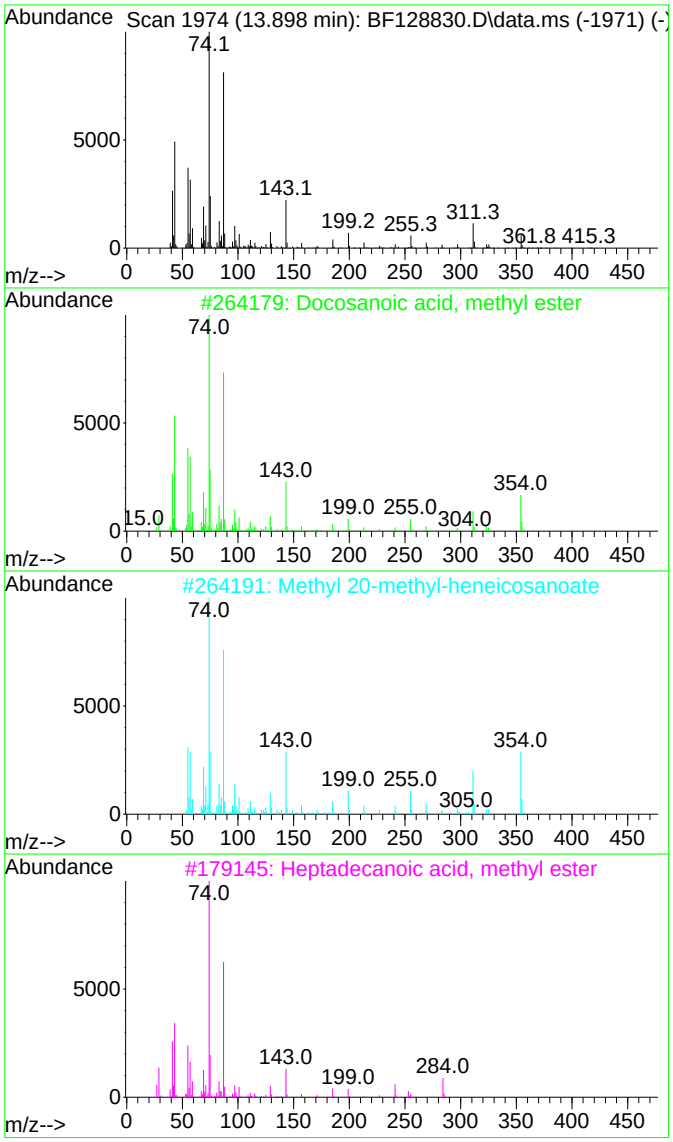
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

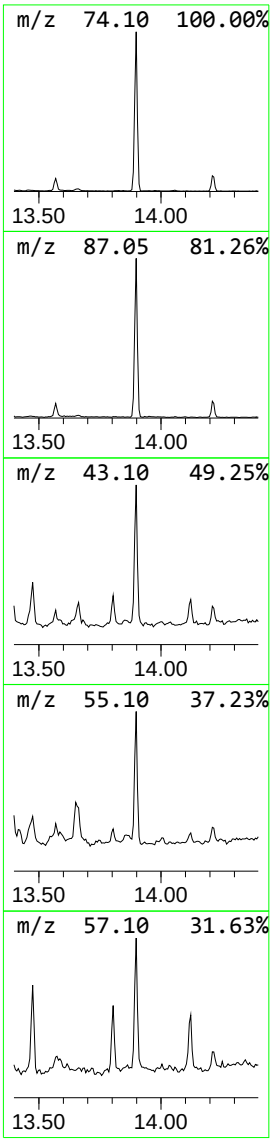
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Docosanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	20.00 ng	1034010	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	98
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5	Methyl stearate	298	C19H38O2	000112-61-8	87





Tentatively Identified Compound (LSC) summary

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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.733	20.0	ng	21010100	4	11.310	21010100	20.0
10,13-Octadecad...	12.480	65.3	ng	68633800	4	11.310	21010100	20.0
Eicosanoic acid...	13.227	20.3	ng	1048640	5	13.963	1034010	20.0
Docosanoic acid...	13.898	20.0	ng	1034010	5	13.963	1034010	20.0