LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
Data File : BF128824.D
Acq On : 15 Jun 2022 14:05
Operator : CG\JU
Sample : N3319-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

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: BF128824.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	528	532	547	rBV	1410779	1405616	1.39%	0.813%
2	6.434	702	705	715	rBV	1534657	1400185	1.39%	0.810%
3	9.139	1162	1165	1168	rBV	1890984	1556752	1.54%	0.901%
4	11.739	1597	1607	1610	rBV2	12859773	28569213	28.31%	16.530%
5	11.933	1626	1640	1648	rBV3	1531847	3661089	3.63%	2.118%
6	12.516	1714	1739	1740	rBV4	15359239	100902250	100.00%	58.380%
7	12.563	1744	1747	1749	rVV	11812677	13987917	13.86%	8.093%
8	12.616	1749	1756	1764	rVV2	5787681	14902848	14.77%	8.623%
9	12.933	1804	1810	1812	rBV	1938983	1839386	1.82%	1.064%
10	13.233	1858	1861	1865	rVB	1998852	1790821	1.77%	1.036%
11	13.663	1930	1934	1941	rVB2	693341	1010534	1.00%	0.585%
12	13.898	1971	1974	1978	rBV	2044176	1809569	1.79%	1.047%

Sum of corrected areas: 172836180

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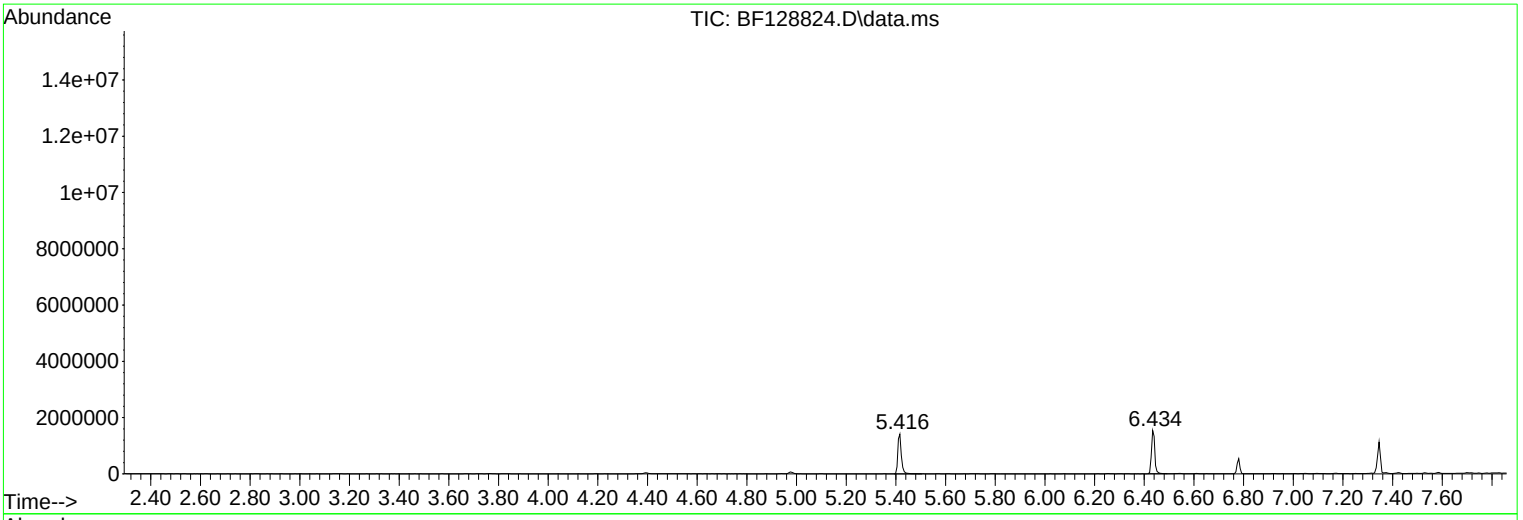
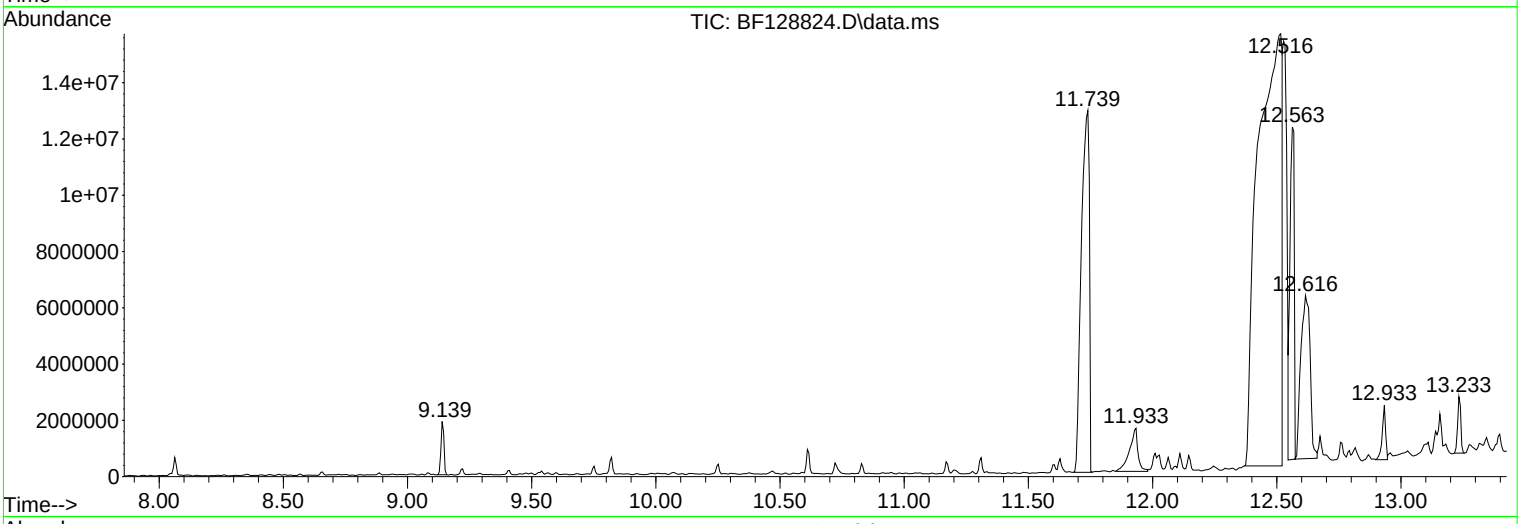
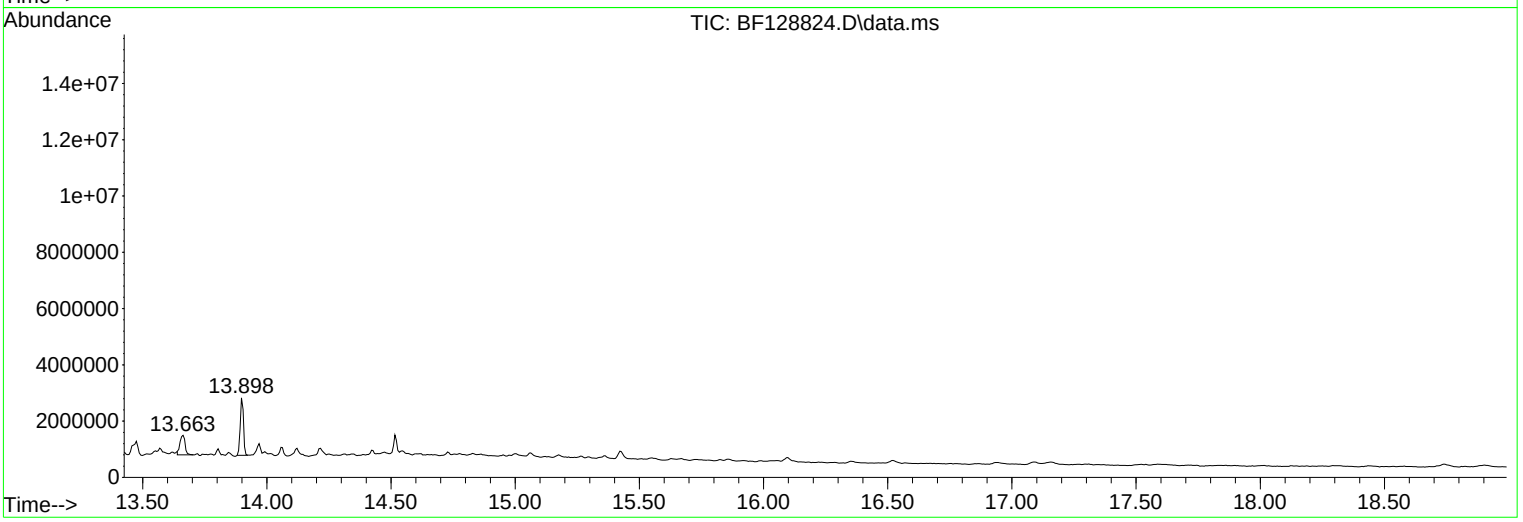
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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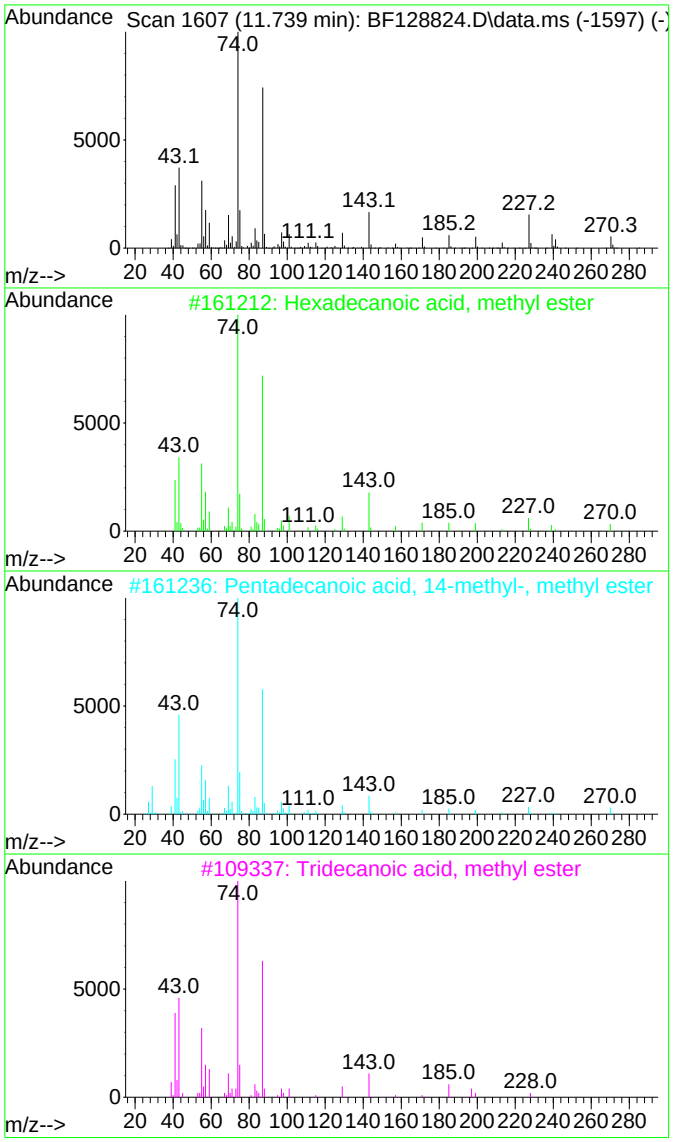
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

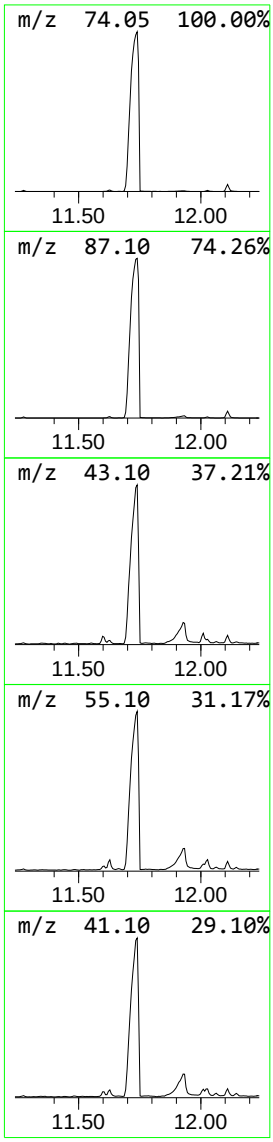
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	20.00 ng	28569200	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	92
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

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
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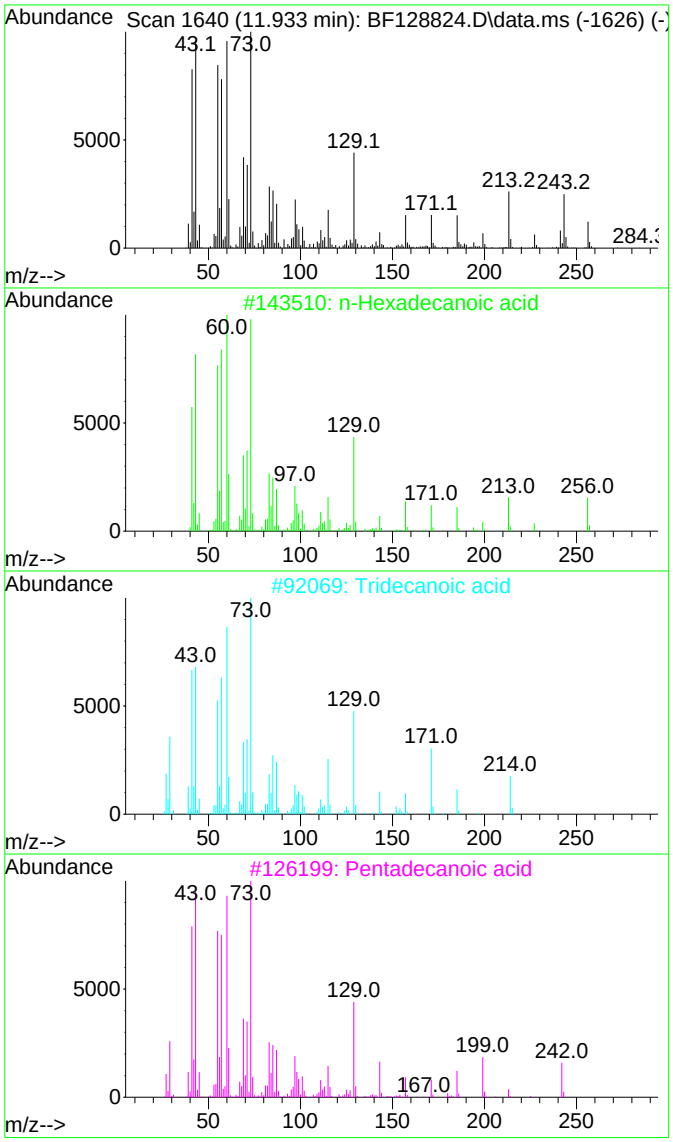
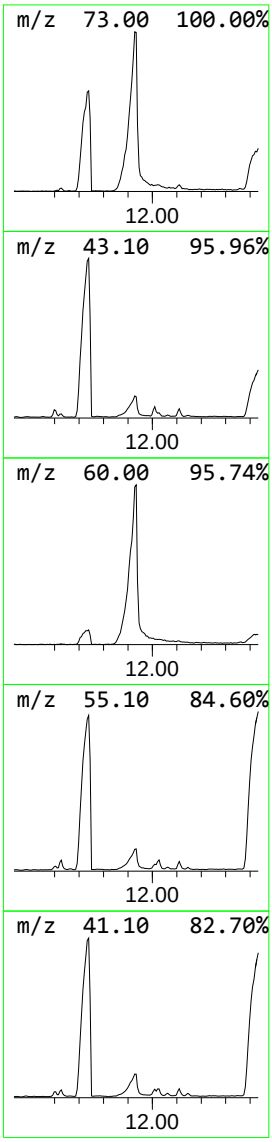
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.56 ng	3661090	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Operator : CG\JU
Sample : N3319-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

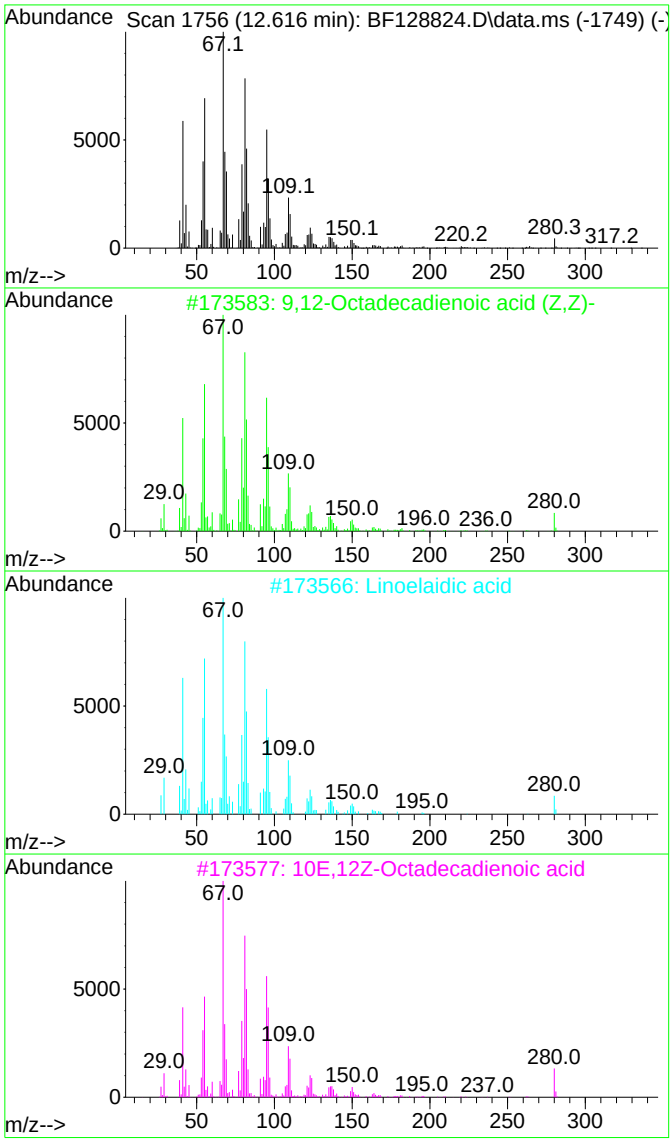
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

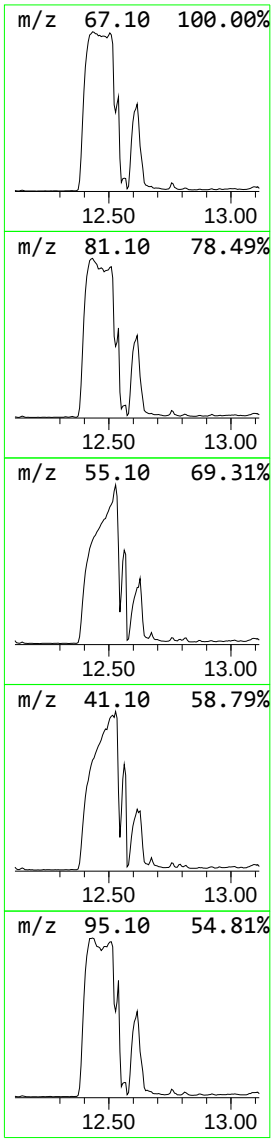
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	10.43 ng	14902800	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	98
5	9-Hexadecyn-1-ol	238	C16H30O	1000342-40-3	87





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Sample : N3319-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

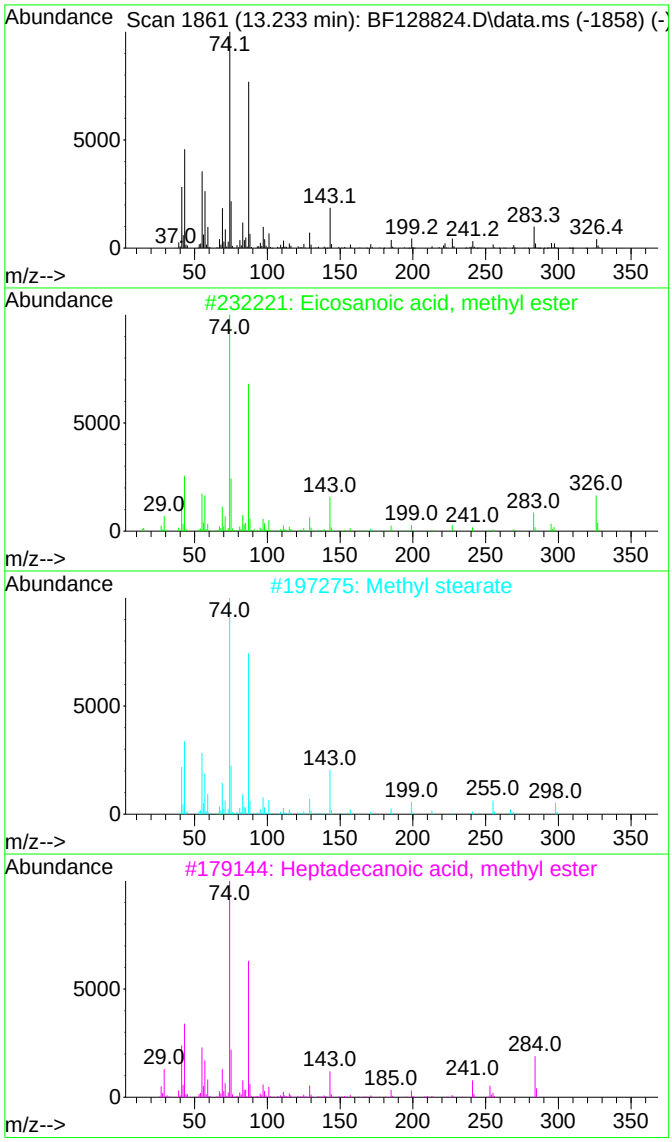
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

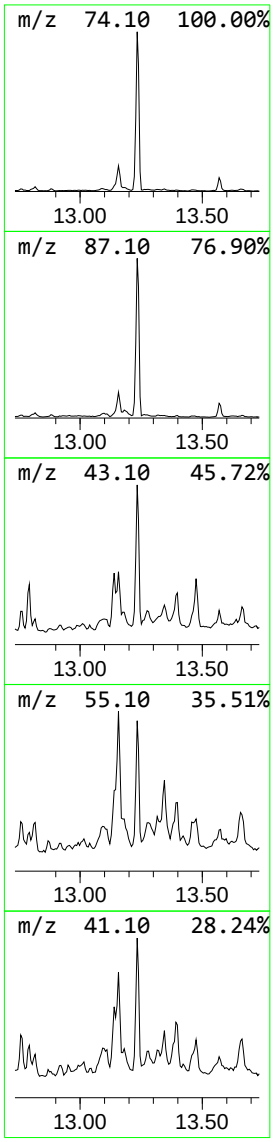
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Eicosanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	19.79 ng	1790820	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl stearate	298	C19H38O2	000112-61-8	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	92
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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Acq On : 15 Jun 2022 14:05
Operator : CG\JU
Sample : N3319-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

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

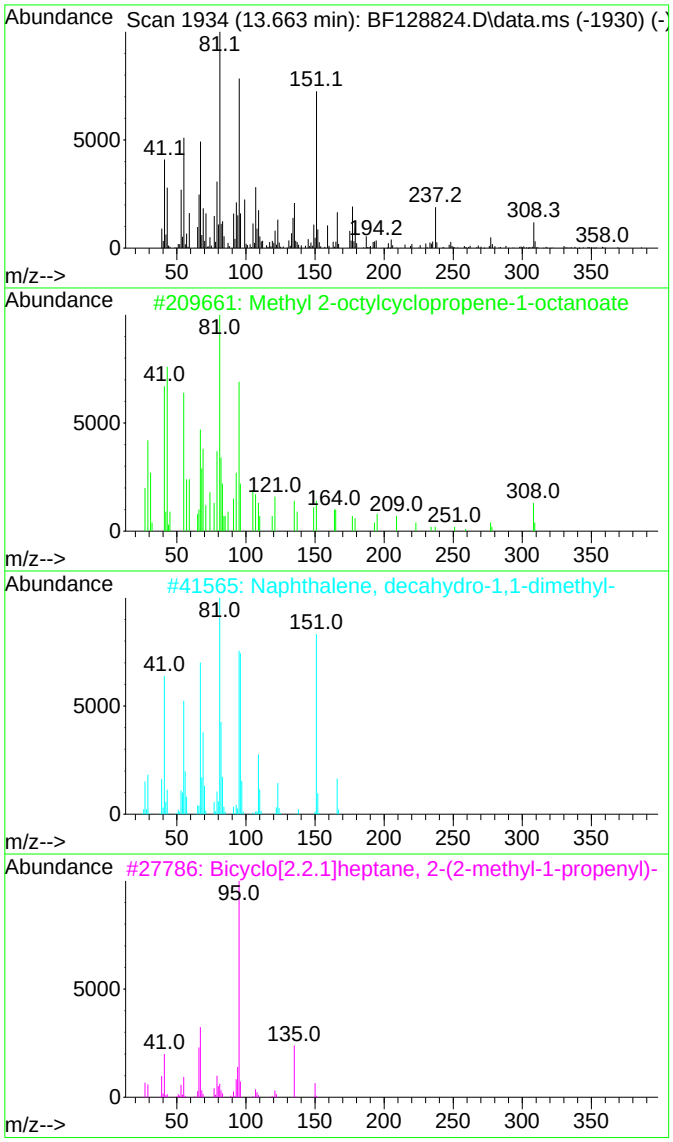
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

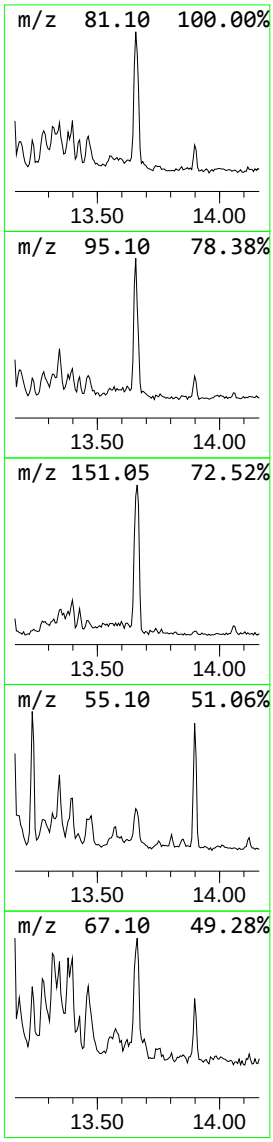
****

Peak Number 5 unknown13.663 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	11.17 ng	1010530	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	45
2	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	45
3	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	43
4	Cis-3-ethyl-endo-tricyclo[5.2.1....	164	C12H20	1010215-29-1	25
5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	14





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-061022

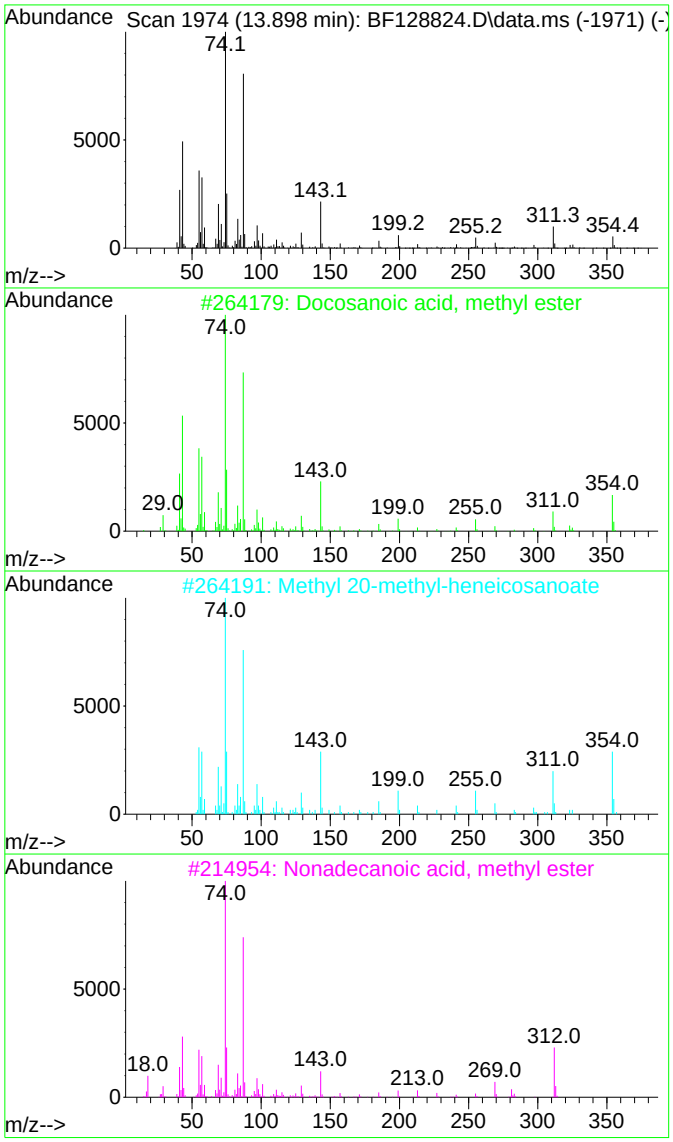
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

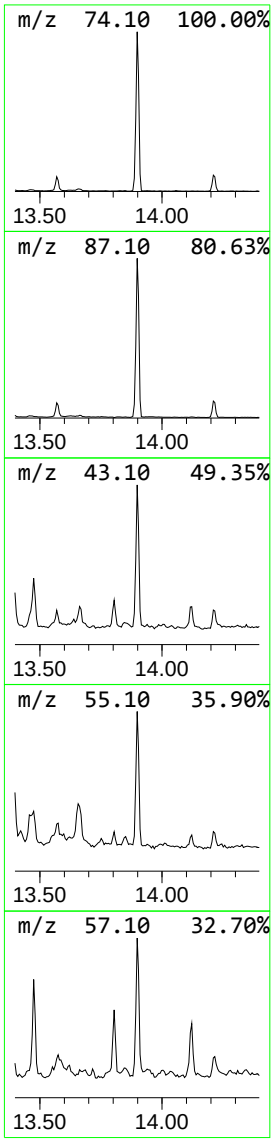
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Docosanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	20.00 ng	1809570	Chrysene-d12	13.969

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	98
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
4	Silane, methylvinyl(cis-2-methyl...	326	C19H38O2Si	1000421-05-3	95
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90





Tentatively Identified Compound (LSC) summary

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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...	11.739	20.0	ng	28569200	4	11.310	28569200	20.0
n-Hexadecanoic ...	11.933	2.6	ng	3661090	4	11.310	28569200	20.0
9,12-Octadecadi...	12.616	10.4	ng	14902800	4	11.310	28569200	20.0
Eicosanoic acid...	13.233	19.8	ng	1790820	5	13.969	1809570	20.0
unknown13.663	13.663	11.2	ng	1010530	5	13.969	1809570	20.0
Docosanoic acid...	13.898	20.0	ng	1809570	5	13.969	1809570	20.0