LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128036.D
Acq On : 02 May 2022 20:05
Operator : CG\JU
Sample : N2604-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-042822

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128036.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.557	551	556	559	rBV	1805570	1766278	2.27%	1.205%
2	6.563	722	727	736	rBV	1816463	1830428	2.35%	1.249%
3	7.498	882	886	893	rVB	1165221	1175101	1.51%	0.802%
4	9.292	1187	1191	1194	rBV	2118396	1745232	2.24%	1.191%
5	10.769	1438	1442	1446	rBV	1119706	939217	1.21%	0.641%
6	11.880	1622	1631	1634	rBV	11139361	22973739	29.48%	15.674%
7	12.045	1649	1659	1664	rVV3	1737839	3804655	4.88%	2.596%
8	12.645	1739	1761	1762	rBV4	13651779	77935313	100.00%	53.170%
9	12.698	1766	1770	1772	rVV	10251802	12208111	15.66%	8.329%
10	12.751	1772	1779	1786	rVV4	5272267	13494025	17.31%	9.206%
11	12.898	1801	1804	1807	rBV2	990825	930699	1.19%	0.635%
12	13.086	1830	1836	1841	rBV	1726018	2250871	2.89%	1.536%
13	13.304	1871	1873	1877	rVB2	1090539	894021	1.15%	0.610%
14	13.380	1882	1886	1888	rVB	1990937	1800108	2.31%	1.228%
15	14.045	1995	1999	2002	rVB	2180827	1777581	2.28%	1.213%
16	14.127	2009	2013	2016	rBV2	689370	1051529	1.35%	0.717%

Sum of corrected areas: 146576908

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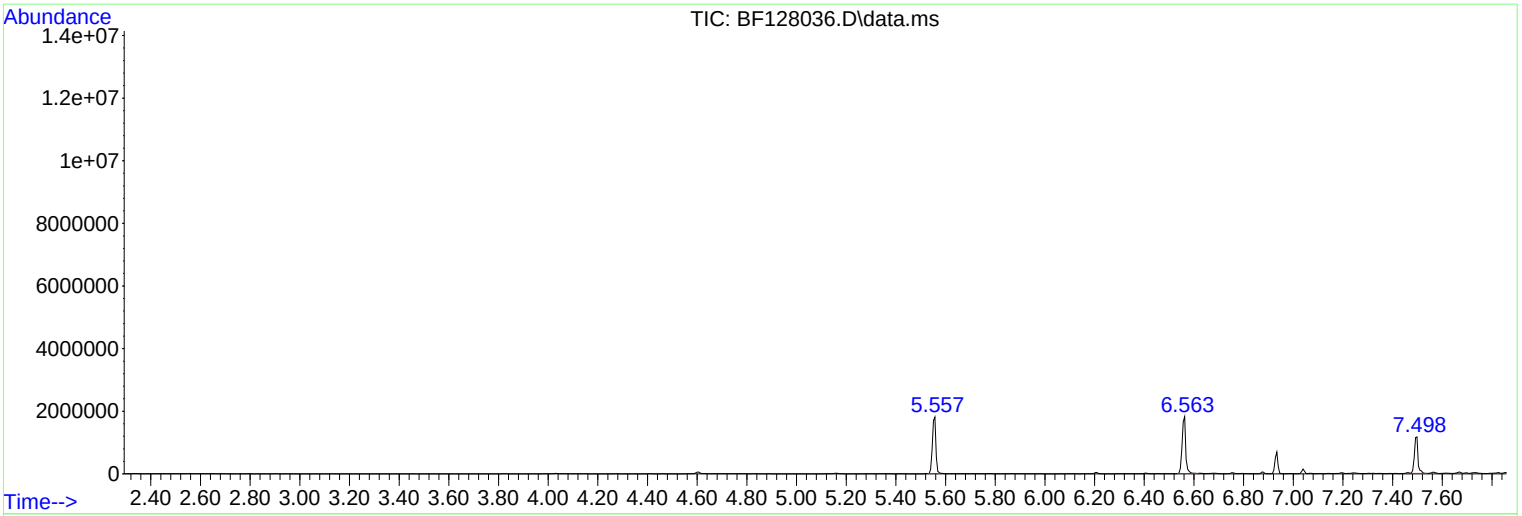
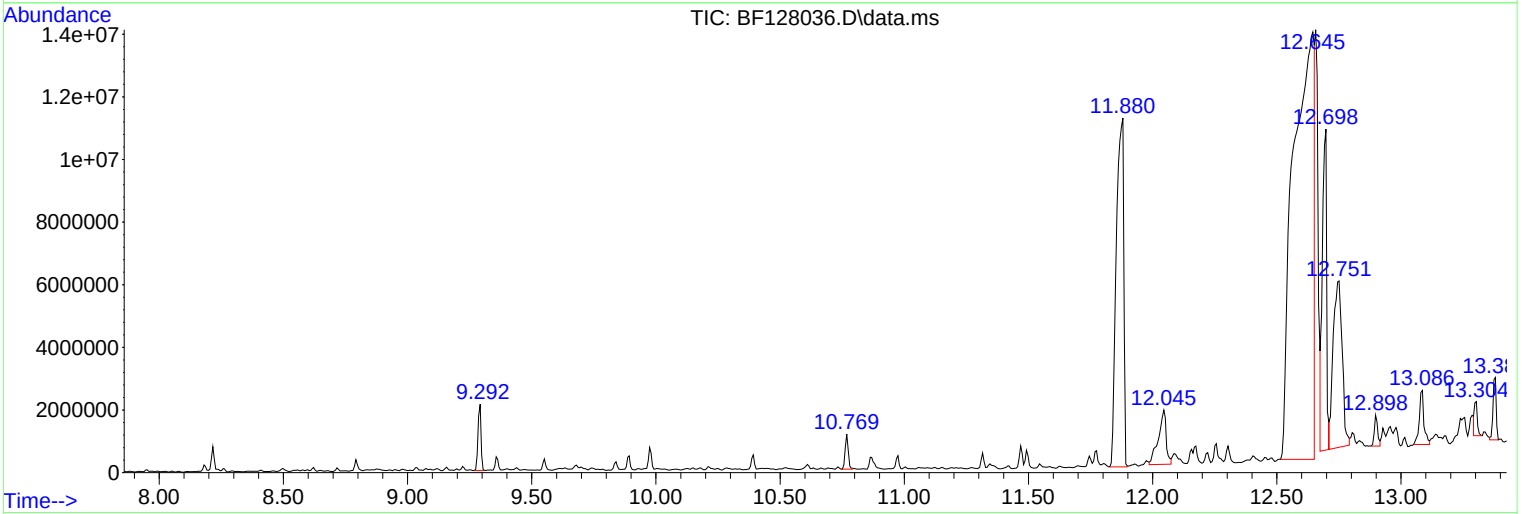
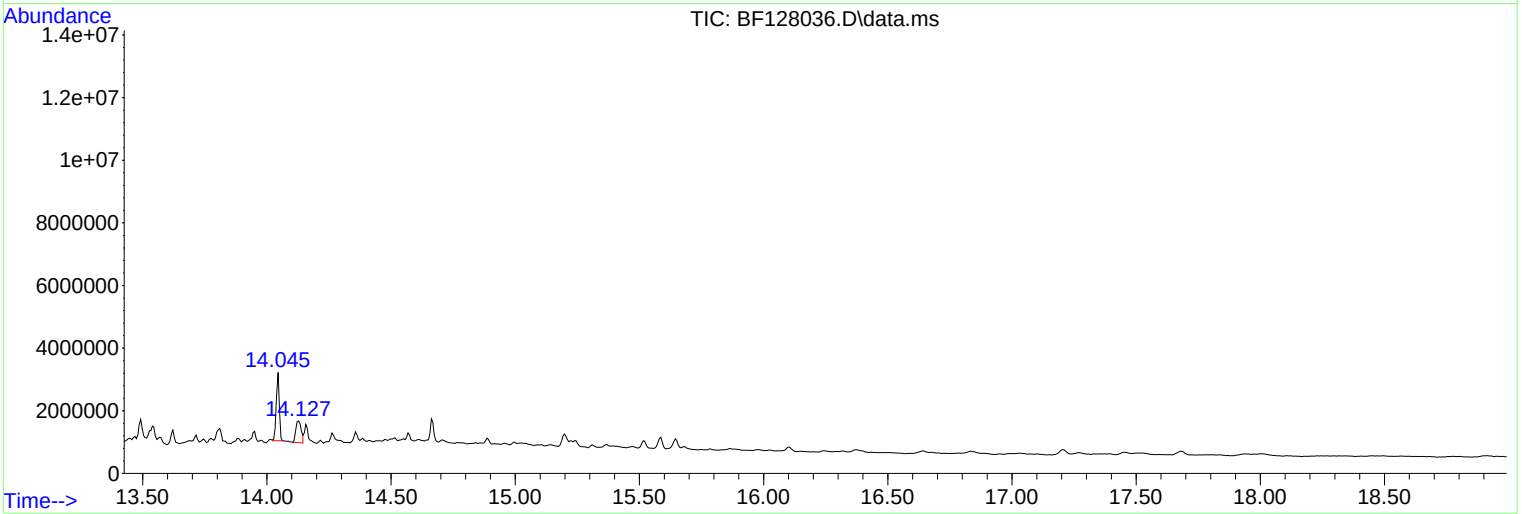
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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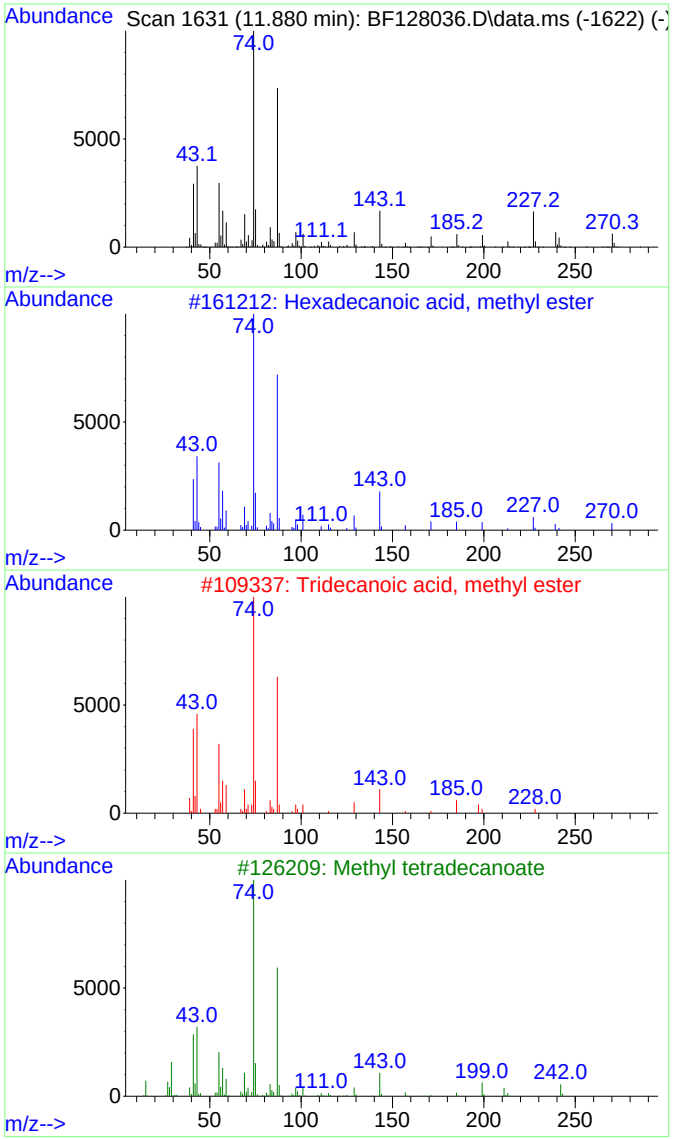
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

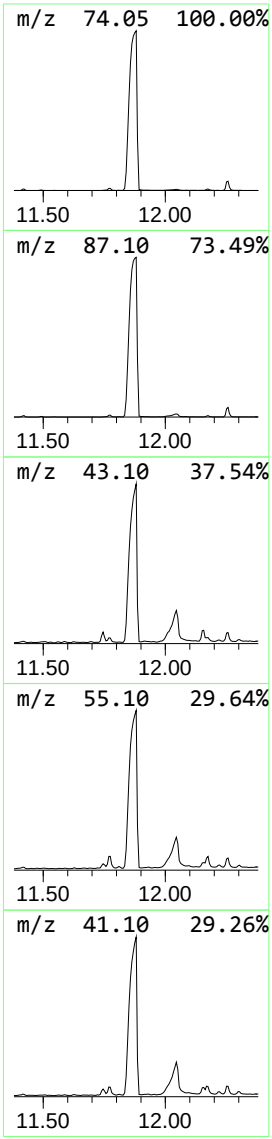
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	20.00 ng	22973700	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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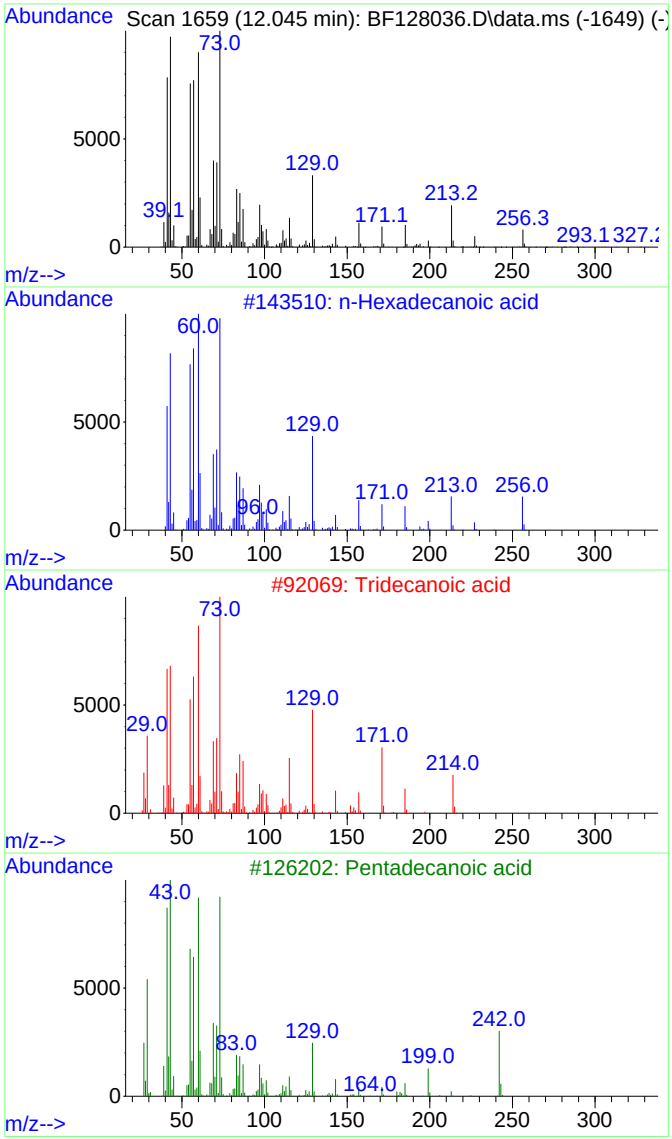
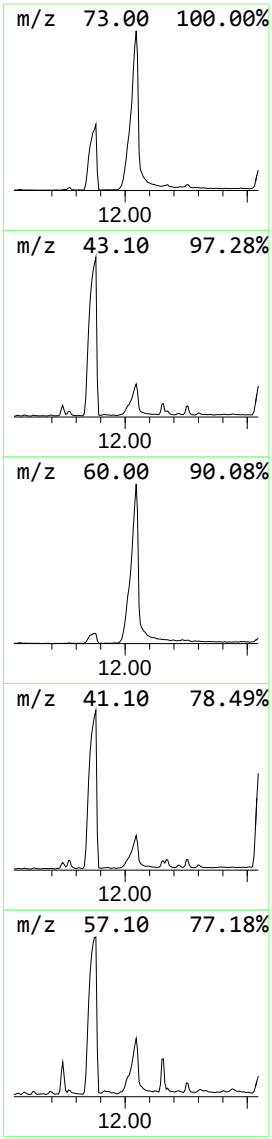
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	3.31 ng	3804660	Phenanthrene-d10	11.469

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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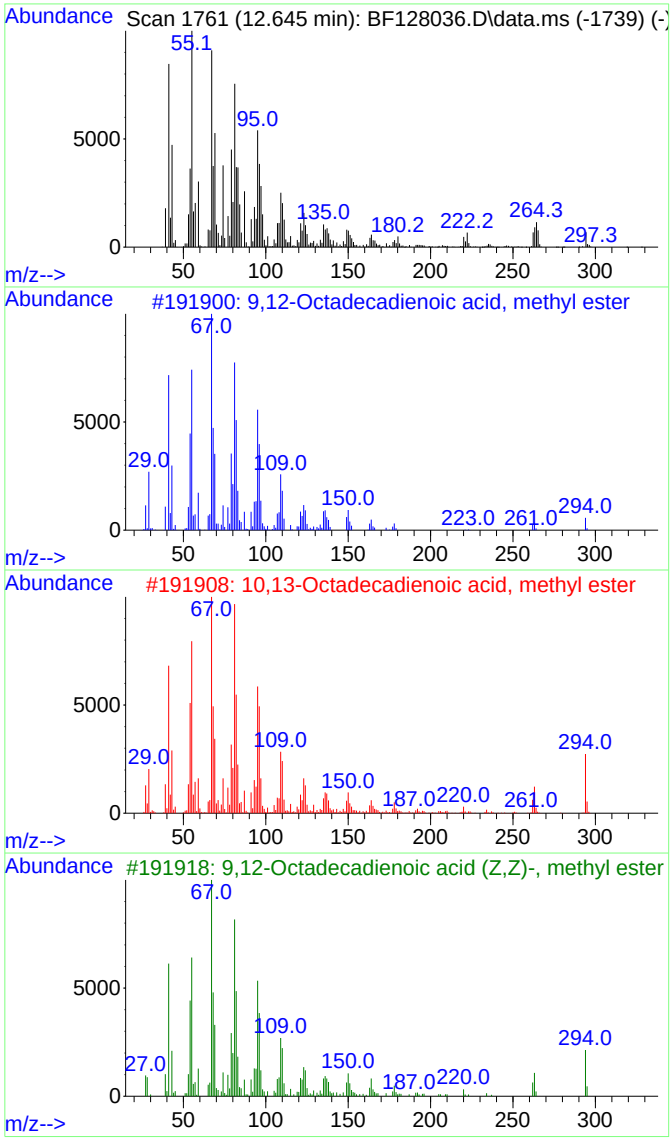
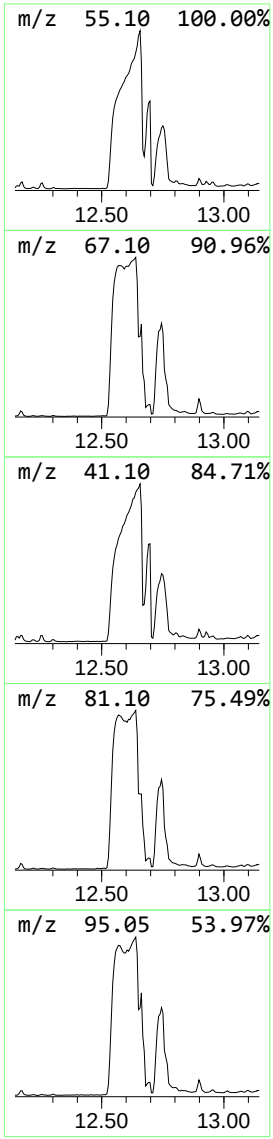
****
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	67.85 ng	77935300	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	94





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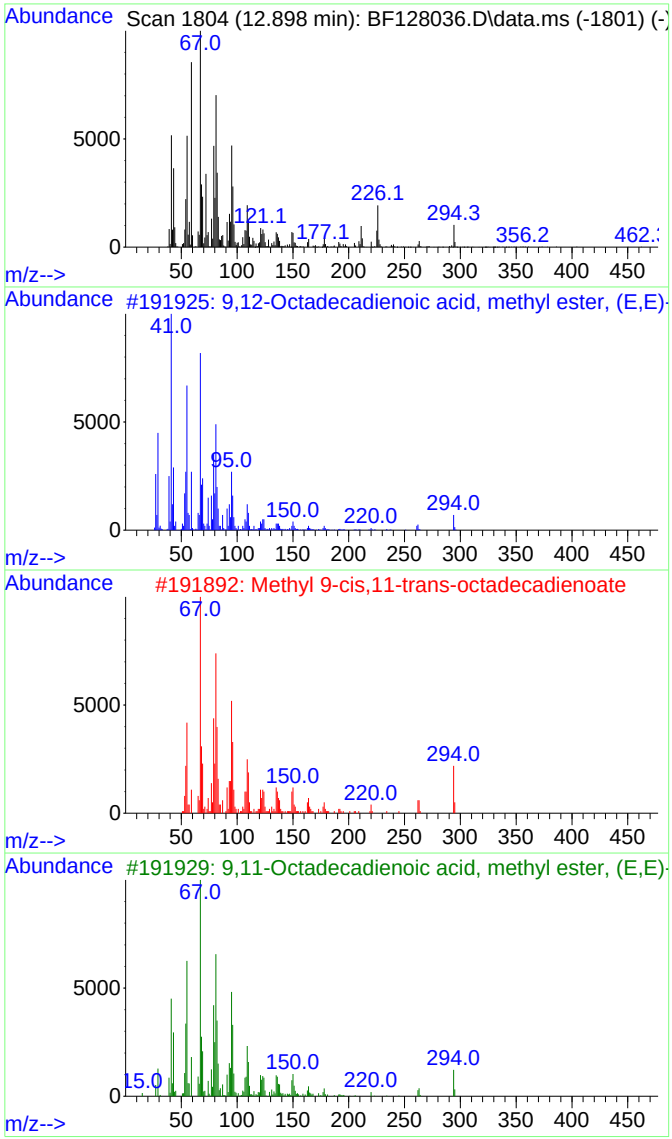
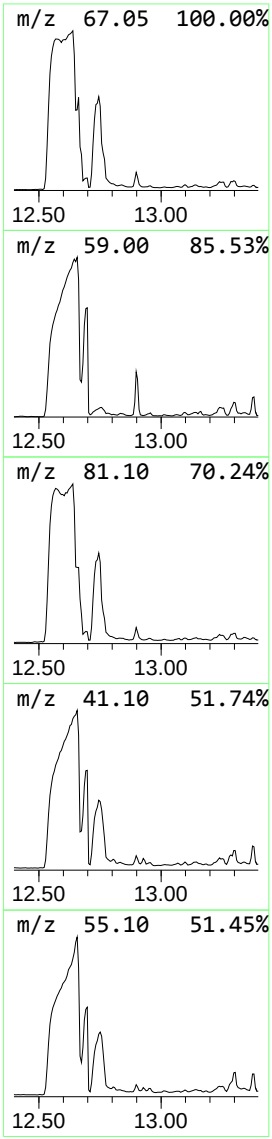
****
Peak Number 4 Methyl 9-cis,11-trans-octad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	17.70 ng	930699	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	93
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	93
3	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	92
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	91
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	78





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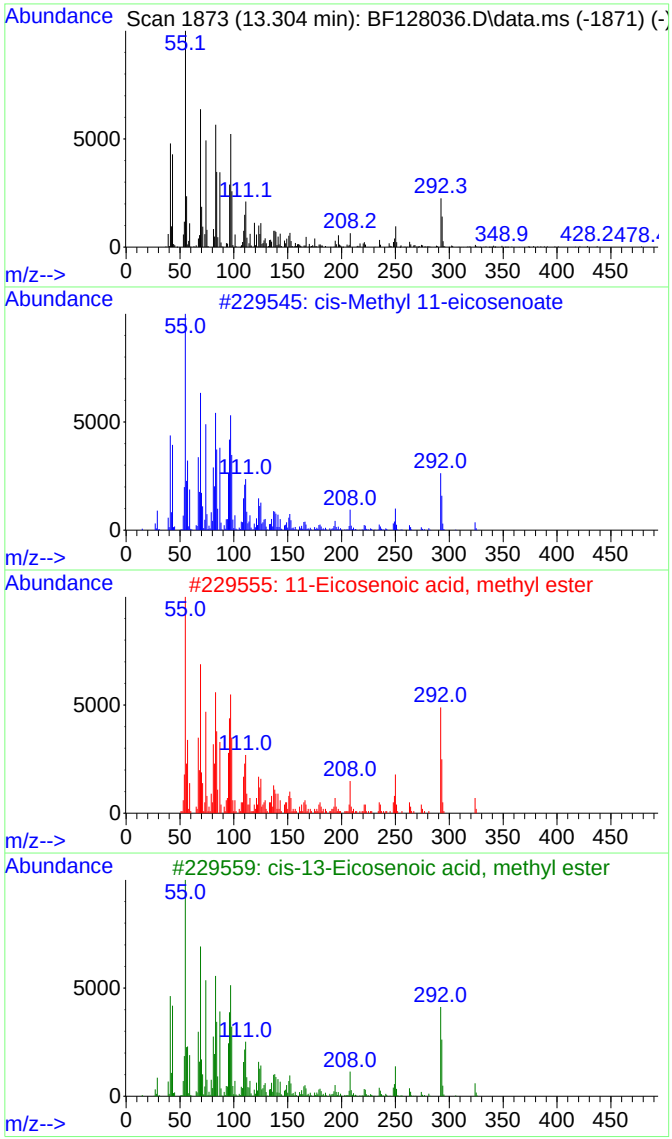
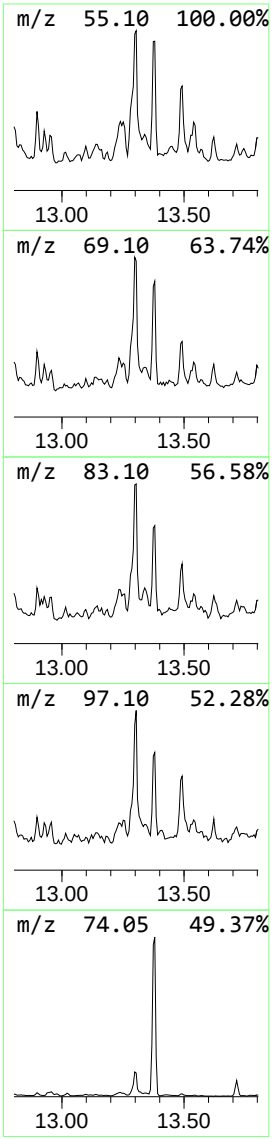
Peak Number 5 cis-Methyl 11-eicosenoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	17.00 ng	894021	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	93
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	91
4	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	59
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	53





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TIC Library : C:\Database\NIST20.L
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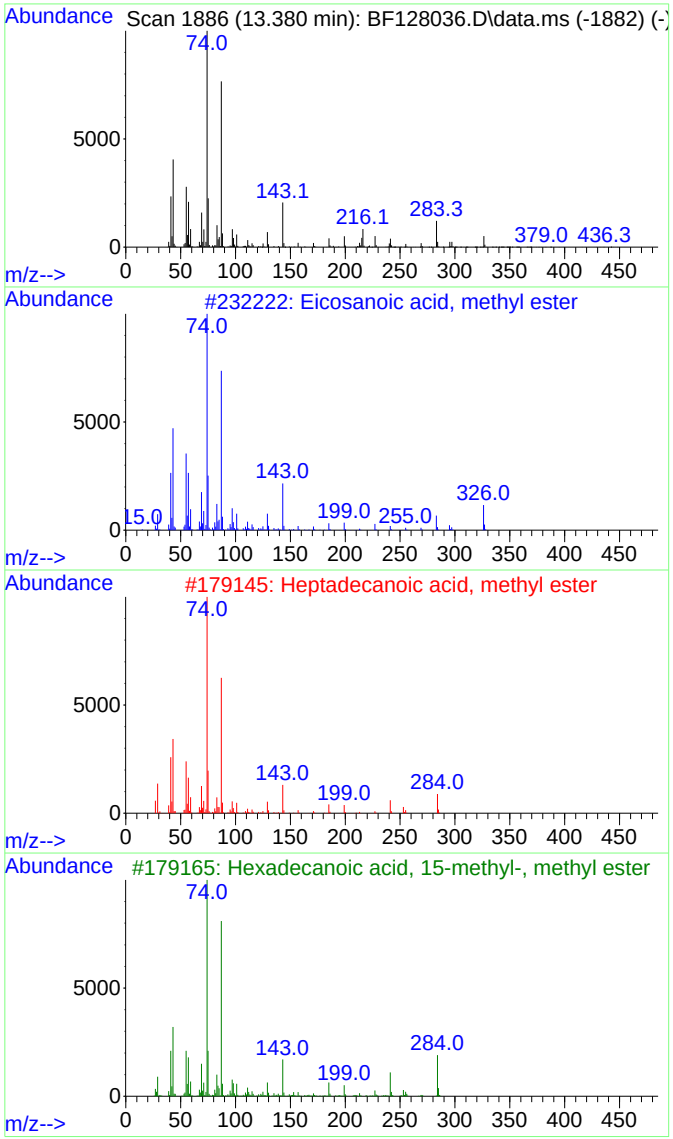
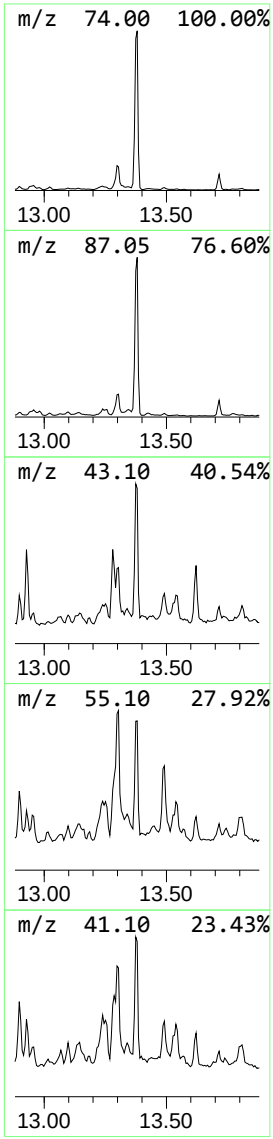
****

Peak Number 6 Eicosanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	34.24 ng	1800110	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





Tentatively Identified Compound (LSC) summary

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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...	11.880	20.0	ng	22973700	4	11.469	22973700	20.0
n-Hexadecanoic ...	12.045	3.3	ng	3804660	4	11.469	22973700	20.0
9,12-Octadecadi...	12.645	67.8	ng	77935300	4	11.469	22973700	20.0
Methyl 9-cis,11...	12.898	17.7	ng	930699	5	14.133	1051530	20.0
cis-Methyl 11-e...	13.304	17.0	ng	894021	5	14.133	1051530	20.0
Eicosanoic acid...	13.380	34.2	ng	1800110	5	14.133	1051530	20.0