LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
Data File : BF127269.D
Acq On : 08 Mar 2022 20:26
Operator : CG\JU
Sample : N1833-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-03072022

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127269.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	542	546	560	rBV	495480	478950	4.51%	1.875%
2	6.510	714	718	726	rBV	522230	502055	4.73%	1.965%
3	6.881	777	781	784	rBV	784692	669774	6.31%	2.622%
4	7.440	873	876	879	rBV	421544	327417	3.08%	1.282%
5	8.163	995	999	1002	rBV	1045854	808930	7.62%	3.167%
6	9.234	1178	1181	1186	rBV	702211	558079	5.25%	2.185%
7	9.922	1294	1298	1301	rBV	944445	719747	6.78%	2.818%
8	10.710	1429	1432	1436	rBV	265814	240142	2.26%	0.940%
9	11.416	1548	1552	1554	rBV	753502	641892	6.04%	2.513%
10	11.798	1613	1617	1620	rBV	3271676	2635562	24.81%	10.318%
11	12.498	1728	1736	1738	rBV	7688378	10622793	100.00%	41.586%
12	12.516	1738	1739	1744	rVV2	5820766	4815323	45.33%	18.851%
13	12.592	1748	1752	1755	rVV	1263956	1129122	10.63%	4.420%
14	12.863	1795	1798	1805	rVB	167996	174381	1.64%	0.683%
15	12.998	1818	1821	1824	rVB	422008	359956	3.39%	1.409%
16	13.980	1986	1988	1994	rVB	104709	111647	1.05%	0.437%
17	14.063	1998	2002	2005	rBV	477523	432425	4.07%	1.693%
18	15.557	2252	2256	2261	rBV	242668	315844	2.97%	1.236%

Sum of corrected areas: 25544039

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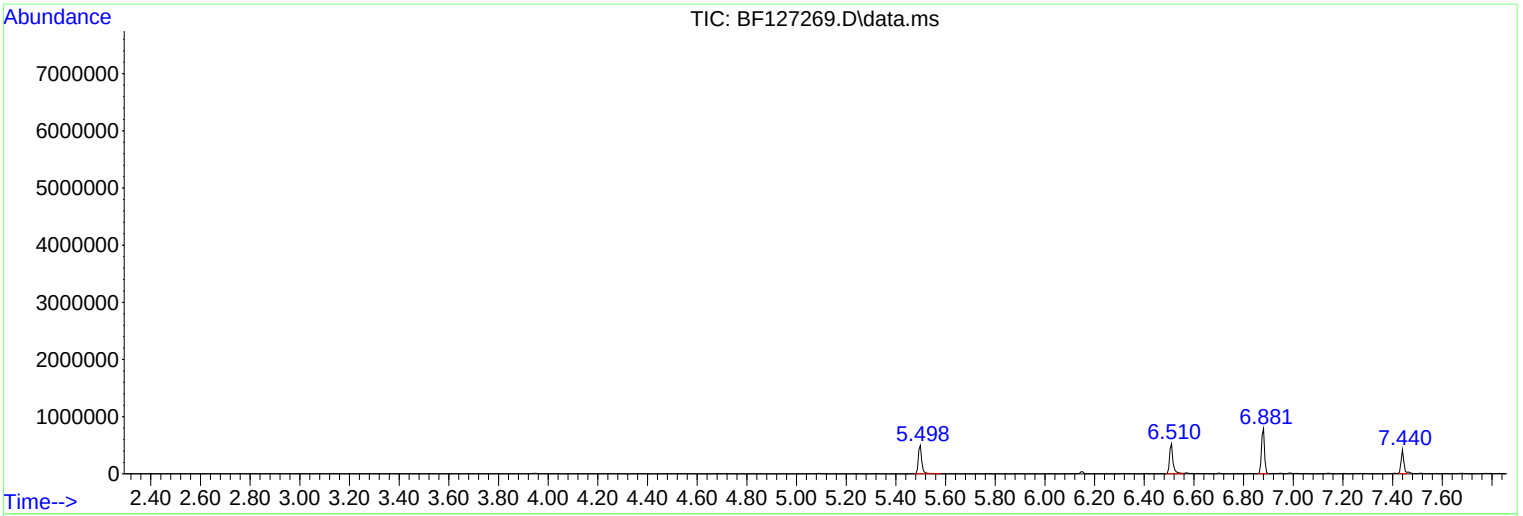
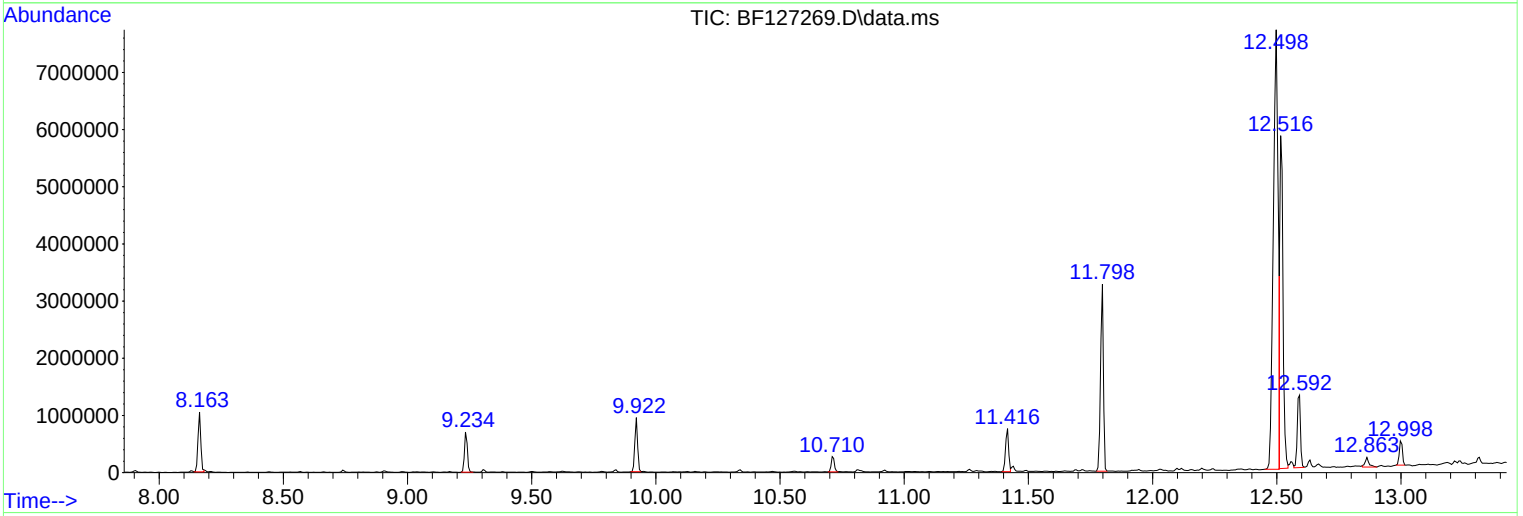
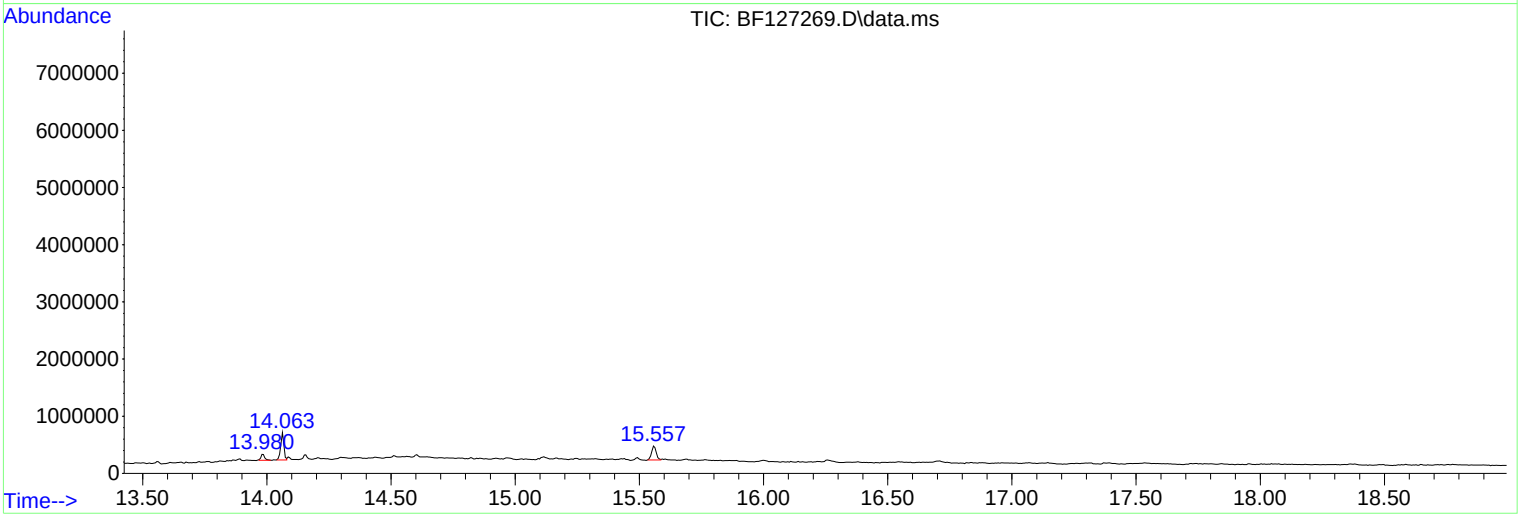
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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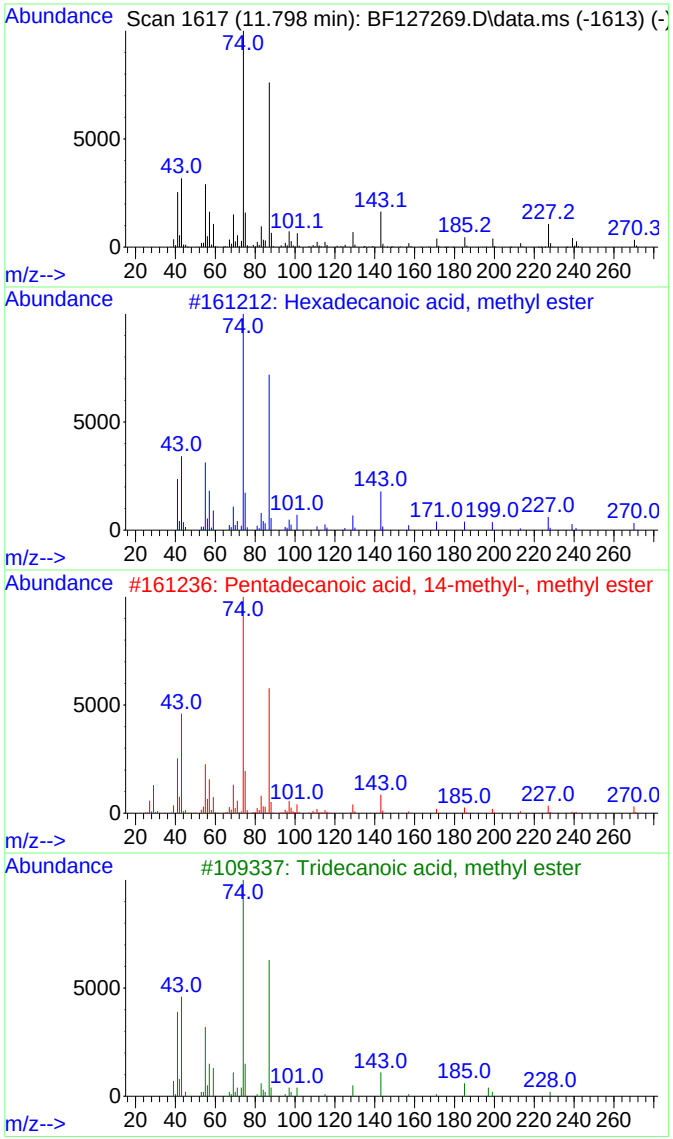
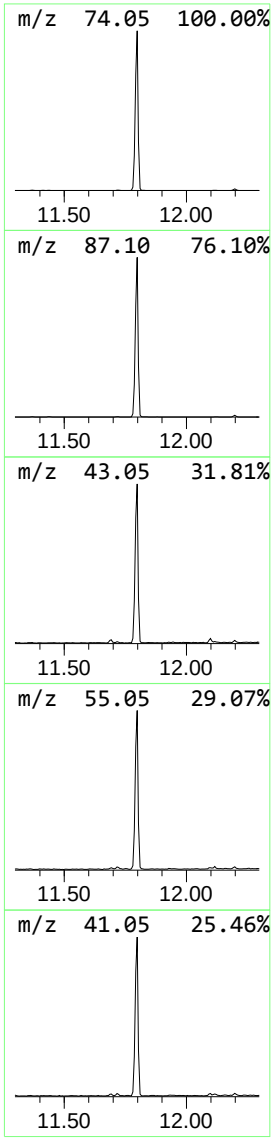
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	82.12 ng	2635560	Phenanthrene-d10	11.416

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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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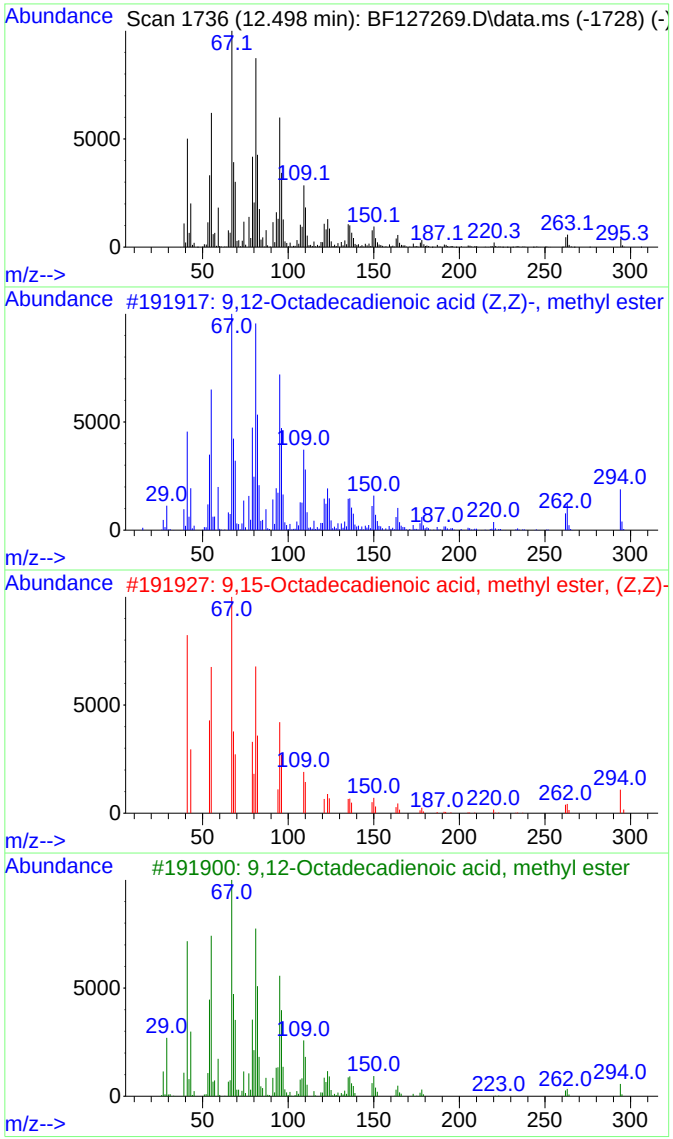
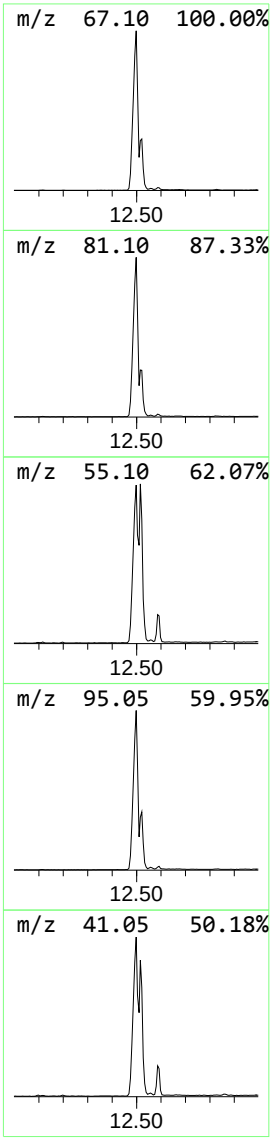
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	330.98 ng	10622800	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Instrument :
BNA_F
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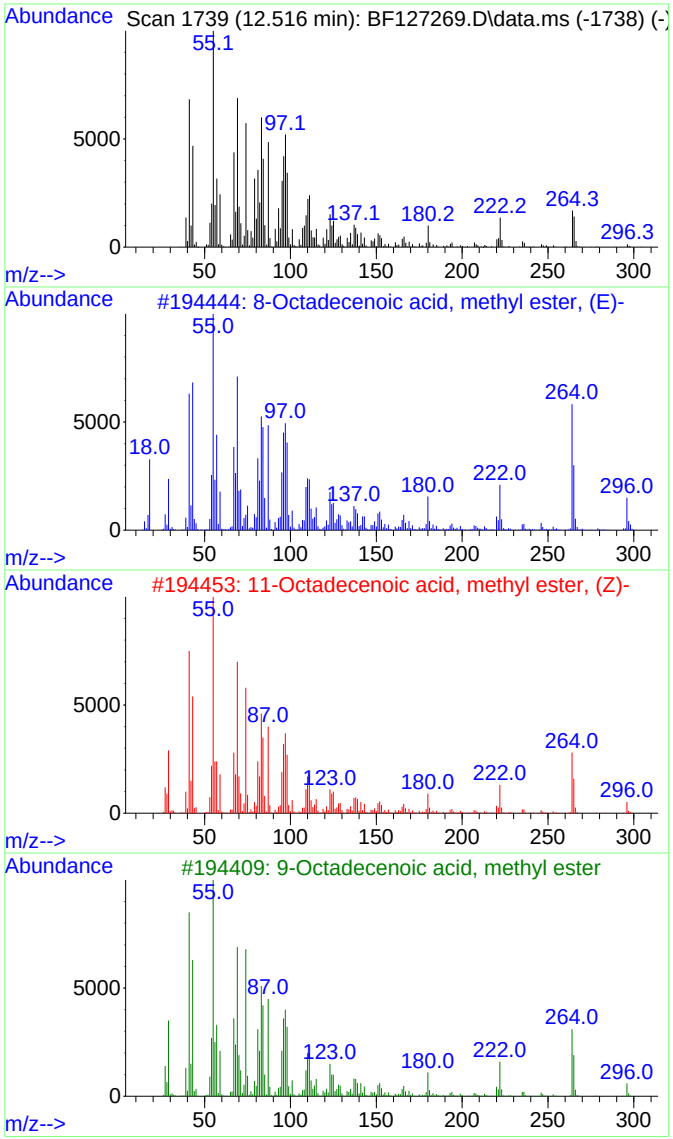
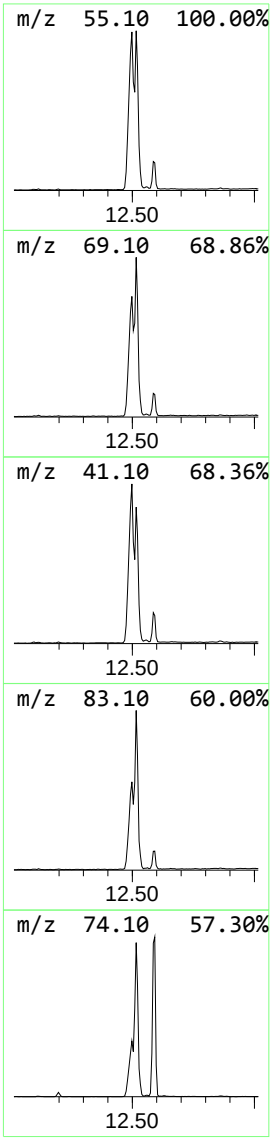
****
Peak Number 3 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	150.04 ng	4815320	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99





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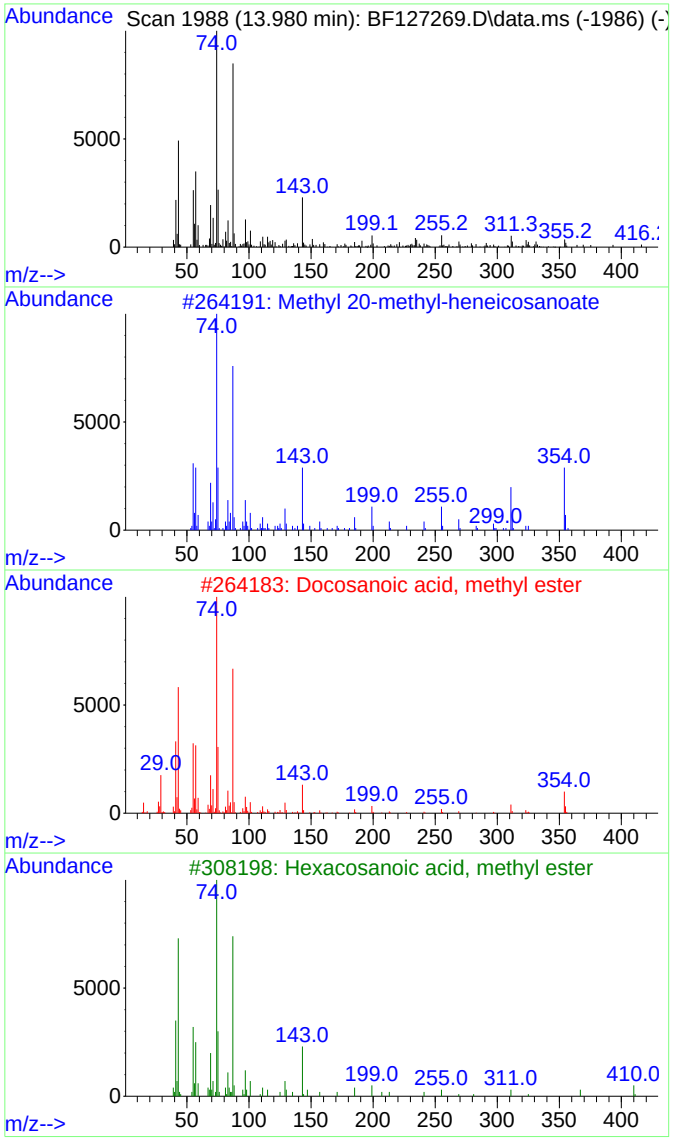
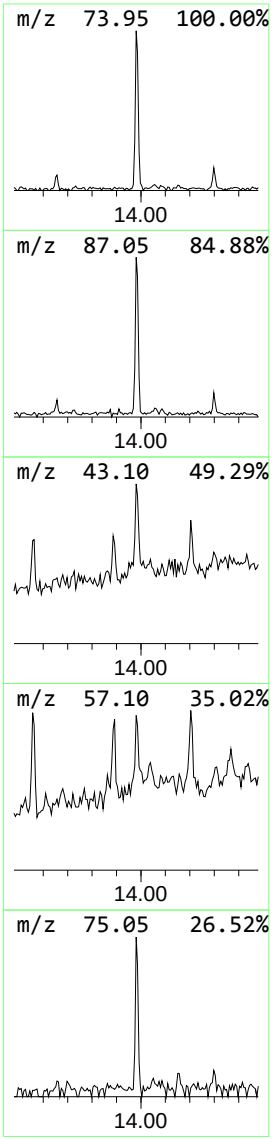
****
Peak Number 4 Methyl 20-methyl-heneicosan... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	5.16 ng	111647	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
3	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	80





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.798	82.1	ng	2635560	4	11.416	641892	20.0
9,12-Octadecadi...	12.498	331.0	ng	10622800	4	11.416	641892	20.0
8-Octadecenoic ...	12.516	150.0	ng	4815320	4	11.416	641892	20.0
Methyl 20-methy...	13.980	5.2	ng	111647	5	14.063	432425	20.0