LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128280.D
Acq On : 16 May 2022 21:15
Operator : CG\JU
Sample : N2834-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	543	547	565	rBV	1111236	1053808	3.11%	1.757%
2	6.516	715	719	734	rBV	1163588	1082448	3.19%	1.805%
3	6.887	778	782	785	rBV	572051	457447	1.35%	0.763%
4	7.451	874	878	885	rBV	721642	674919	1.99%	1.126%
5	8.169	996	1000	1003	rBV	665453	524941	1.55%	0.875%
6	9.239	1179	1182	1186	rBV	1231995	1072861	3.16%	1.789%
7	9.928	1295	1299	1302	rVB	669261	522466	1.54%	0.871%
8	10.716	1430	1433	1437	rBV	701428	621428	1.83%	1.036%
9	11.416	1549	1552	1555	rBV	635947	560429	1.65%	0.935%
10	11.810	1613	1619	1622	rBV	8400714	10194903	30.06%	17.001%
11	12.533	1729	1742	1744	rBV4	9935046	33910117	100.00%	56.550%
12	12.580	1749	1750	1751	rVV	739344	345297	1.02%	0.576%
13	12.604	1751	1754	1757	rVB	5205270	4956718	14.62%	8.266%
14	12.639	1757	1760	1765	rBV	405423	418382	1.23%	0.698%
15	12.875	1796	1800	1806	rVB2	318376	567165	1.67%	0.946%
16	13.010	1818	1823	1826	rBV	1147157	1076374	3.17%	1.795%
17	13.316	1872	1875	1881	rVB	590183	522824	1.54%	0.872%
18	13.480	1898	1903	1912	rVB3	225374	383193	1.13%	0.639%
19	13.986	1986	1989	1992	rBV	530681	454494	1.34%	0.758%
20	14.069	1999	2003	2006	rBV2	463200	564797	1.67%	0.942%

Sum of corrected areas: 59965011

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ClientSampleId :
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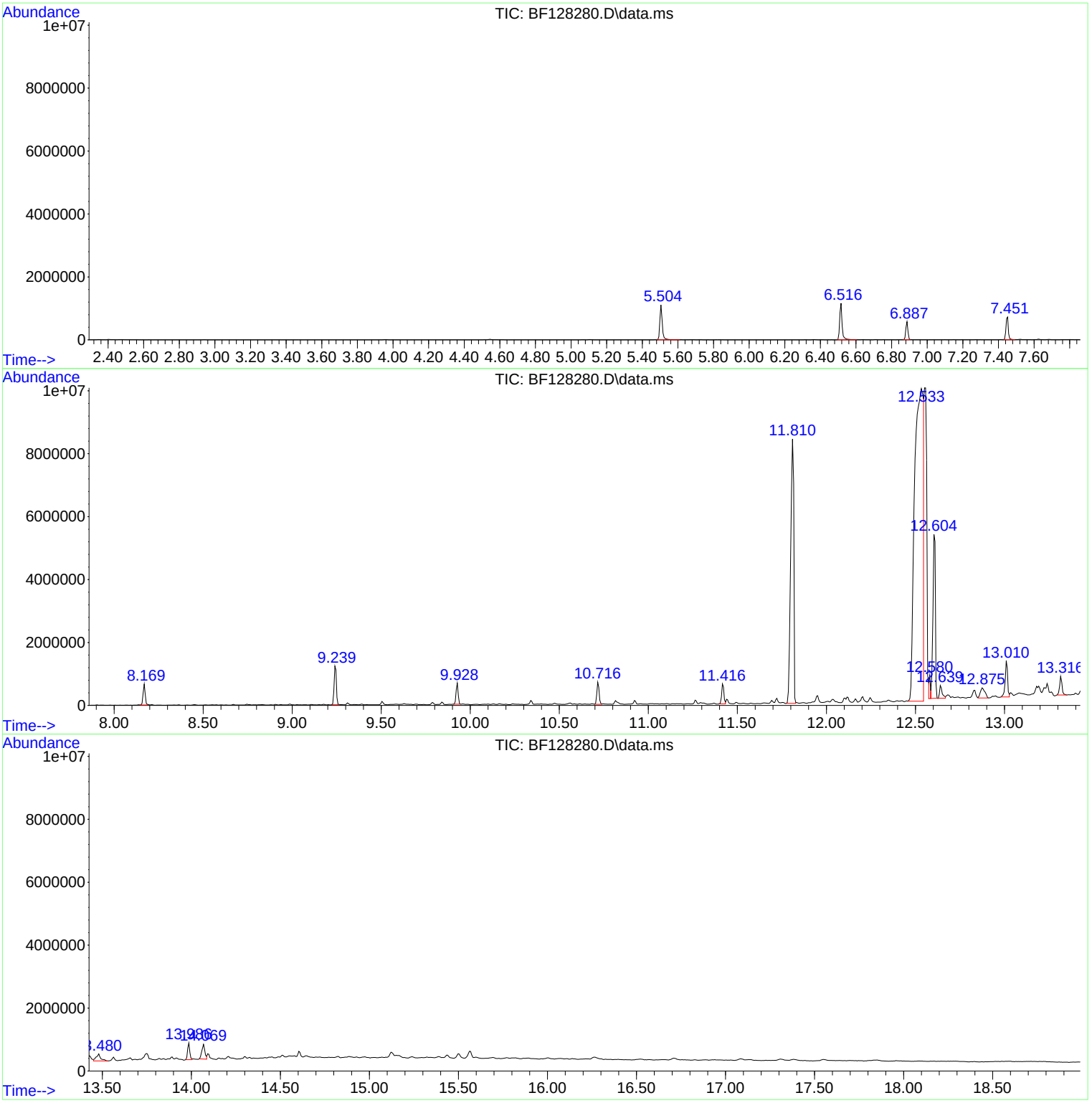
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF128280.D
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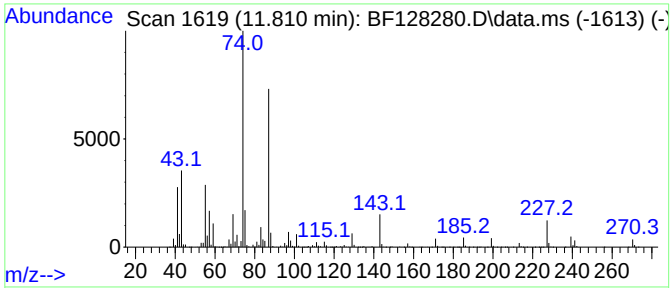
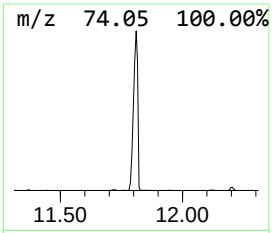
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

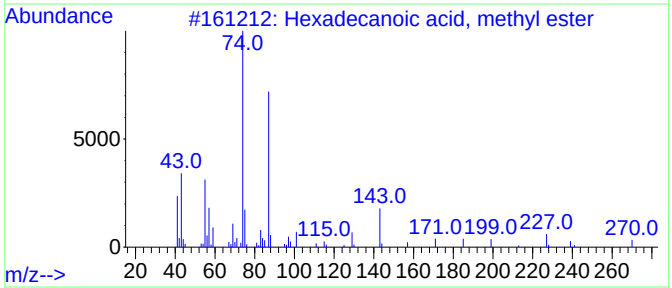
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 2

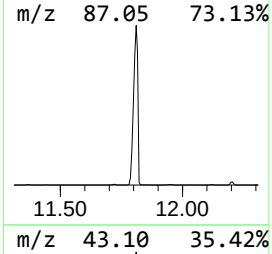
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	363.82 ng	10194900	Phenanthrene-d10	11.416

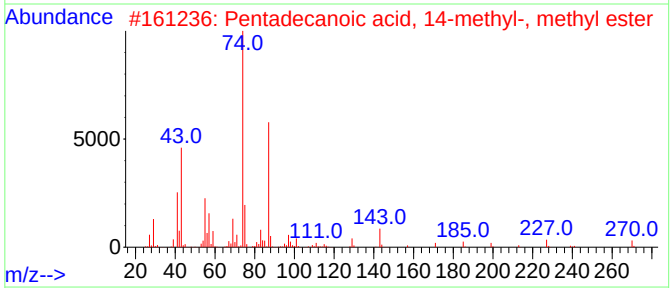
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83

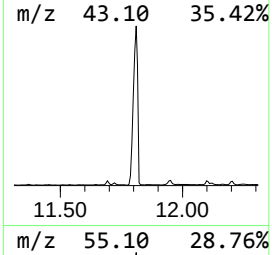


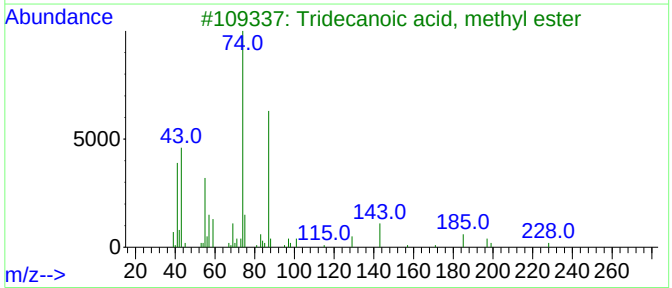


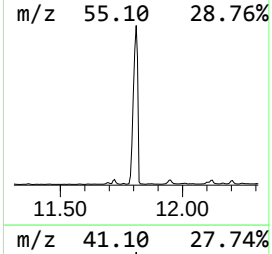


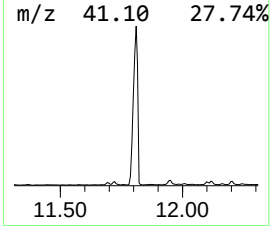












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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-051222

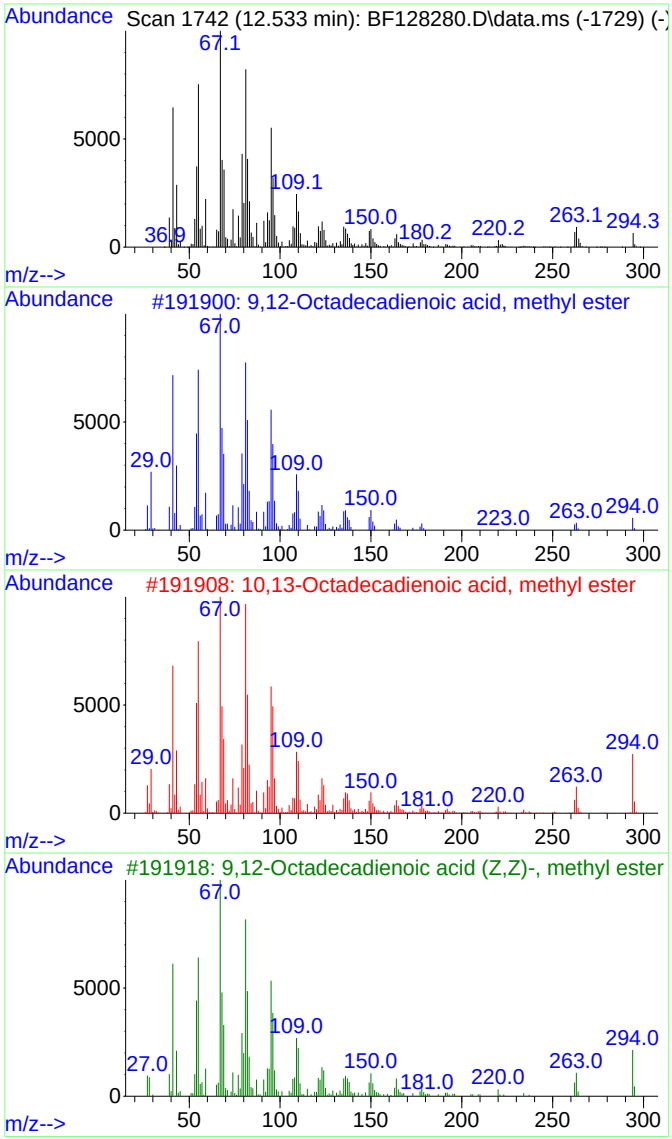
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

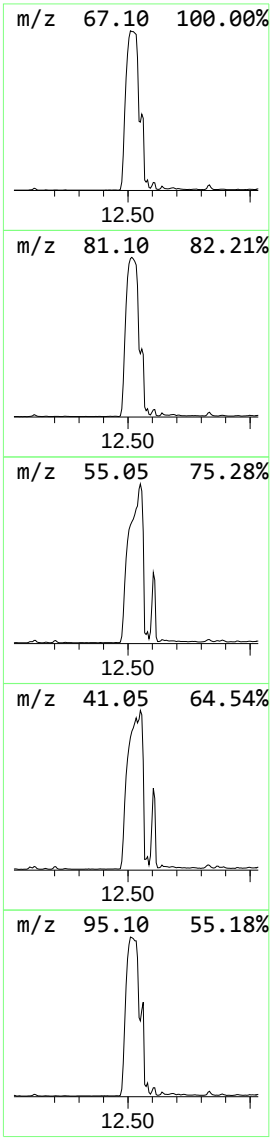
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	1210.15 ng	33910100	Phenanthrene-d10	11.416

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	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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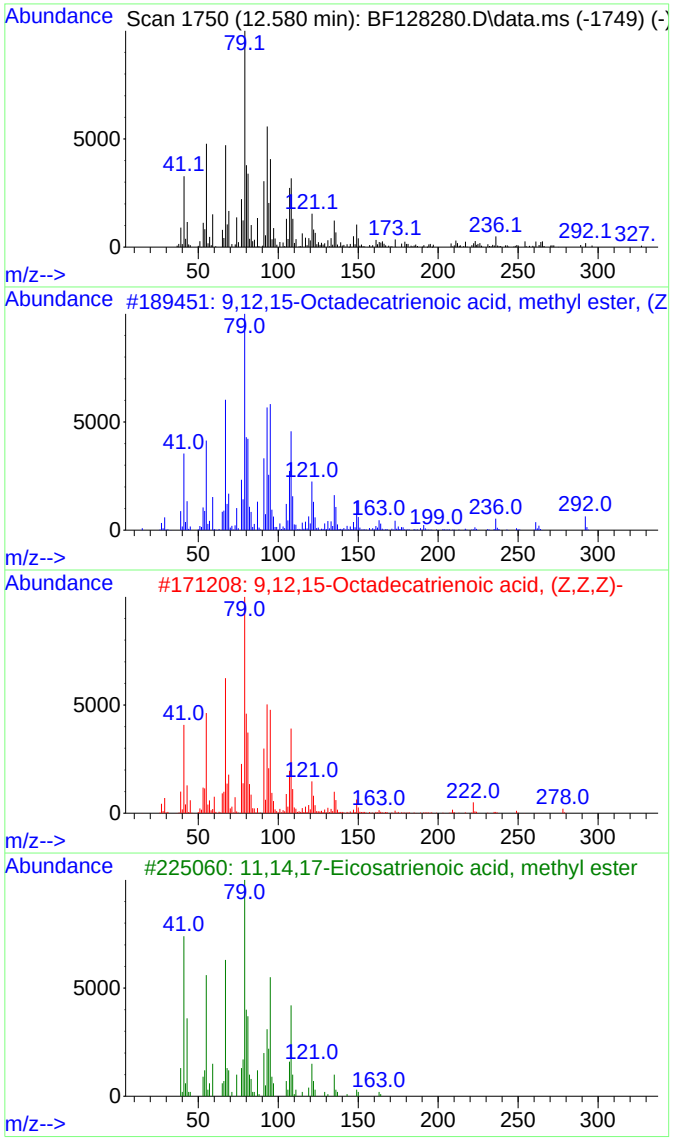
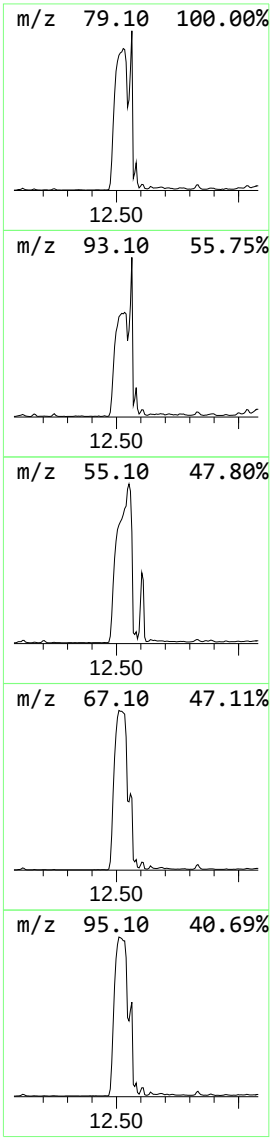
****

Peak Number 3 9,12,15-Octadecatrienoic ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	12.32 ng	345297	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	95
2	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	91
3	11,14,17-Eicosatrienoic acid, me...	320	C21H36O2	055682-88-7	87
4	Methyl 2-hydroxy-octadeca-9,12,1...	308	C19H32O3	1000336-39-1	80
5	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	70





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TIC Library : C:\Database\NIST20.L
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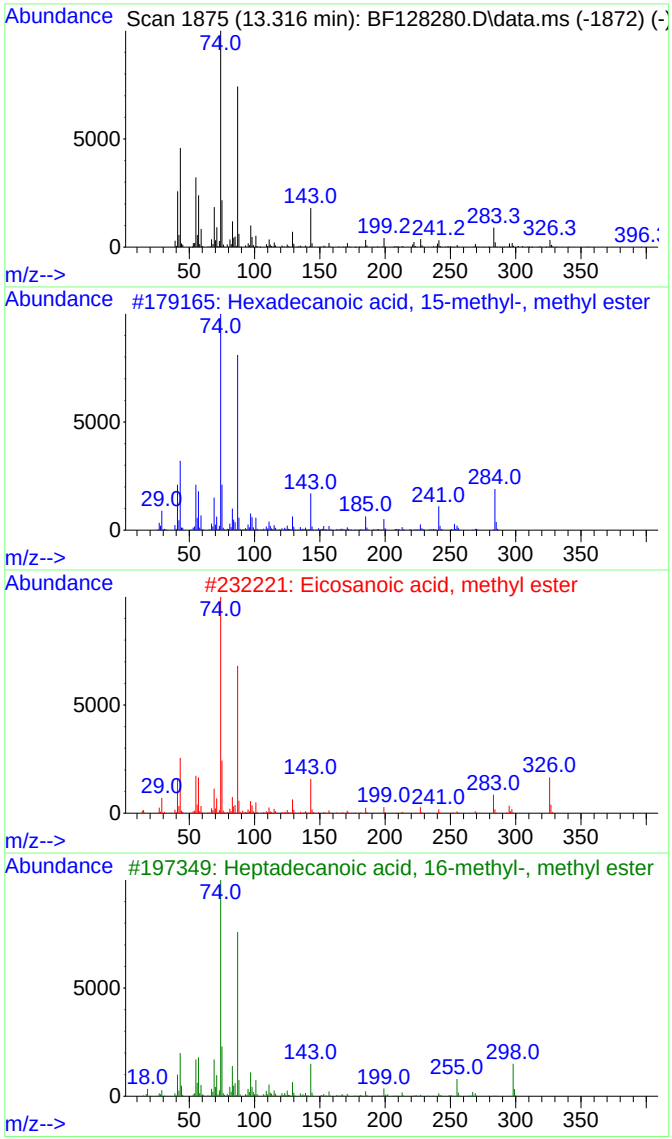
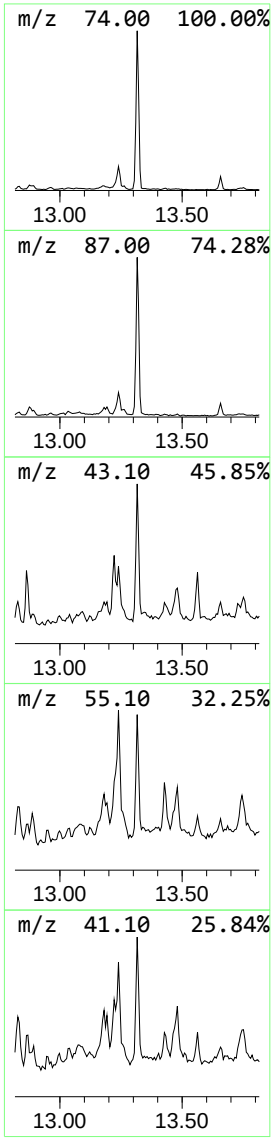
****
Peak Number 4 Hexadecanoic acid, 15-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	18.51 ng	522824	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Methyl stearate	298	C19H38O2	000112-61-8	93





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Instrument :
BNA_F
ClientSampleId :
TR-06-051222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

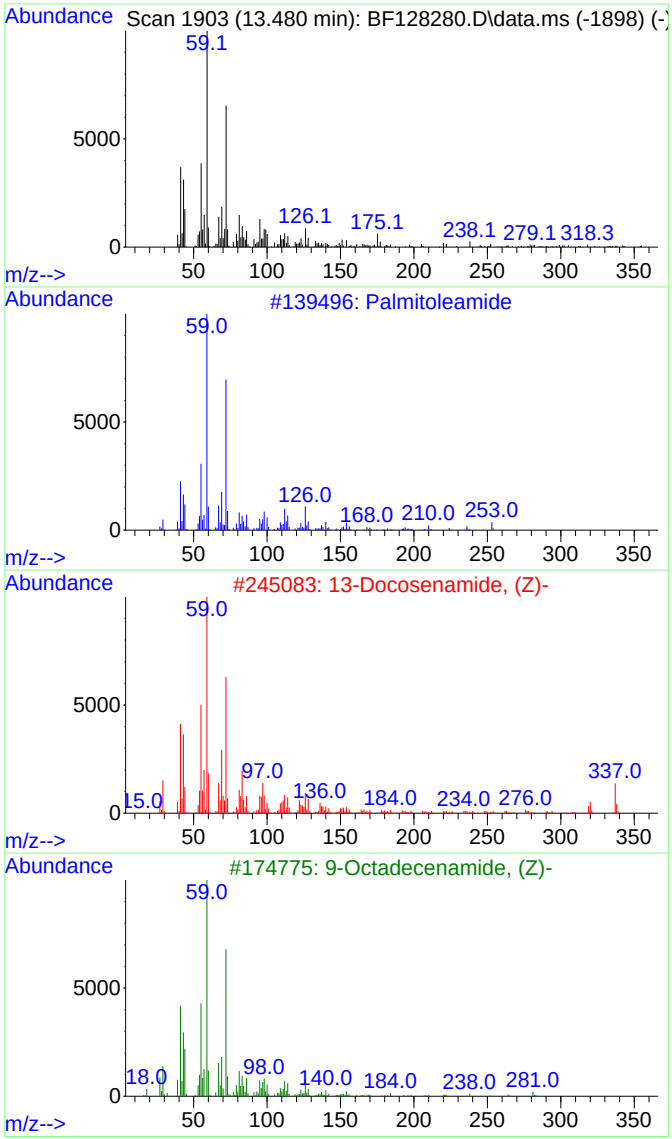
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

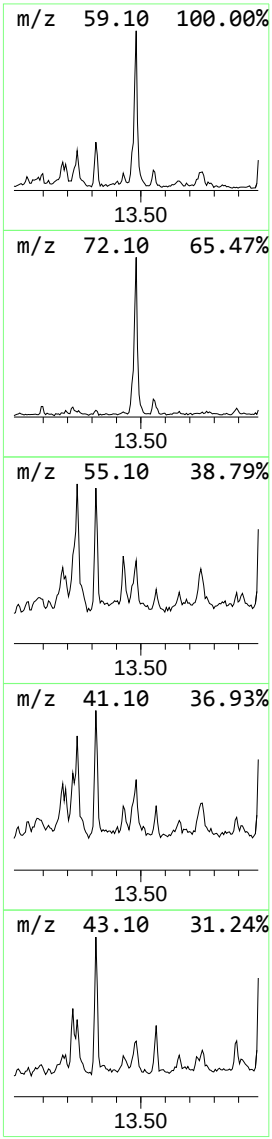
****

Peak Number 5 Palmitoleamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	13.57 ng	383193	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleamide	253	C16H31NO	106010-22-4	72
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	60
4	Nonanamide	157	C9H19NO	001120-07-6	58
5	Octanamide	143	C8H17NO	000629-01-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

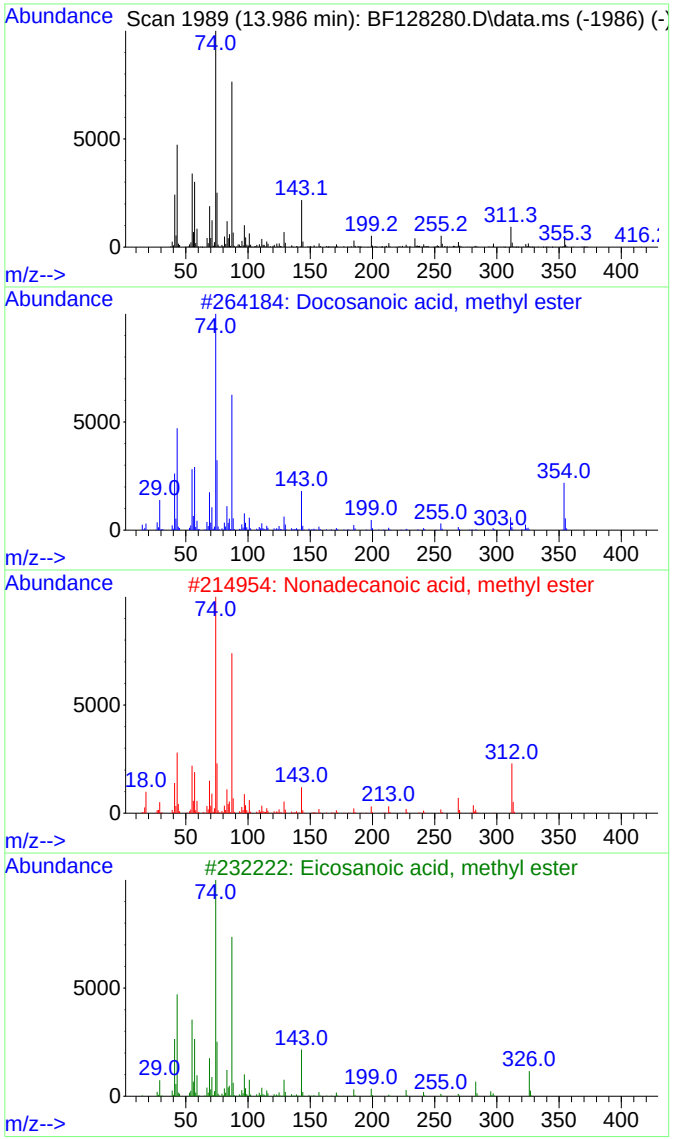
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

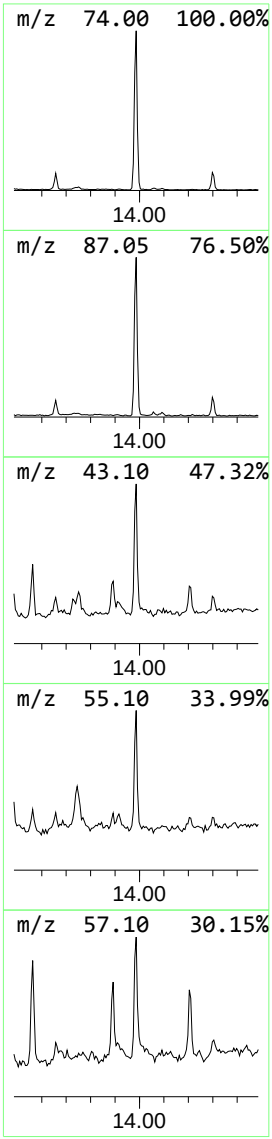
****

Peak Number 6 Docosanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	16.09 ng	454494	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	97
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.810	363.8	ng	10194900	4	11.416	560429	20.0
9,12-Octadecadi...	12.533	1210.2	ng	33910100	4	11.416	560429	20.0
9,12,15-Octadec...	12.581	12.3	ng	345297	4	11.416	560429	20.0
Hexadecanoic ac...	13.316	18.5	ng	522824	5	14.069	564797	20.0
Palmitoleamide	13.480	13.6	ng	383193	5	14.069	564797	20.0
Docosanoic acid...	13.986	16.1	ng	454494	5	14.069	564797	20.0