LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129528.D
Acq On : 03 Aug 2022 02:28
Operator : CG\JU
Sample : N3990-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-080122

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129528.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.510	544	548	556	rBV	706702	680025	6.07%	2.264%
2	6.522	716	720	733	rBV	709877	661474	5.90%	2.203%
3	6.875	777	780	784	rBV	1148832	912845	8.14%	3.040%
4	7.434	872	875	879	rBV	403174	365540	3.26%	1.217%
5	8.157	995	998	1002	rBV	1257387	1056558	9.42%	3.518%
6	9.228	1177	1180	1187	rBV	730333	615739	5.49%	2.050%
7	9.916	1293	1297	1300	rBV	1229831	948557	8.46%	3.159%
8	10.704	1428	1431	1441	rBV	335033	335366	2.99%	1.117%
9	11.404	1547	1550	1553	rBV	1052643	933008	8.32%	3.107%
10	11.786	1611	1615	1618	rBV	2978225	2398518	21.39%	7.987%
11	12.480	1728	1733	1735	rBV	9788334	11212268	100.00%	37.335%
12	12.498	1735	1736	1742	rVV2	6997550	5824396	51.95%	19.394%
13	12.580	1746	1750	1753	rVB	1570566	1387546	12.38%	4.620%
14	12.622	1753	1757	1761	rBV	256814	263613	2.35%	0.878%
15	12.851	1793	1796	1803	rVB	210221	225942	2.02%	0.752%
16	12.992	1816	1820	1822	rVB	588340	530685	4.73%	1.767%
17	13.174	1847	1851	1854	rVB3	93039	135163	1.21%	0.450%
18	13.304	1870	1873	1876	rBV	131551	123648	1.10%	0.412%
19	13.969	1984	1986	1991	rBV	136849	134301	1.20%	0.447%
20	14.051	1996	2000	2003	rBV	826540	788468	7.03%	2.625%
21	15.539	2250	2253	2258	rVB	415640	498124	4.44%	1.659%

Sum of corrected areas: 30031784

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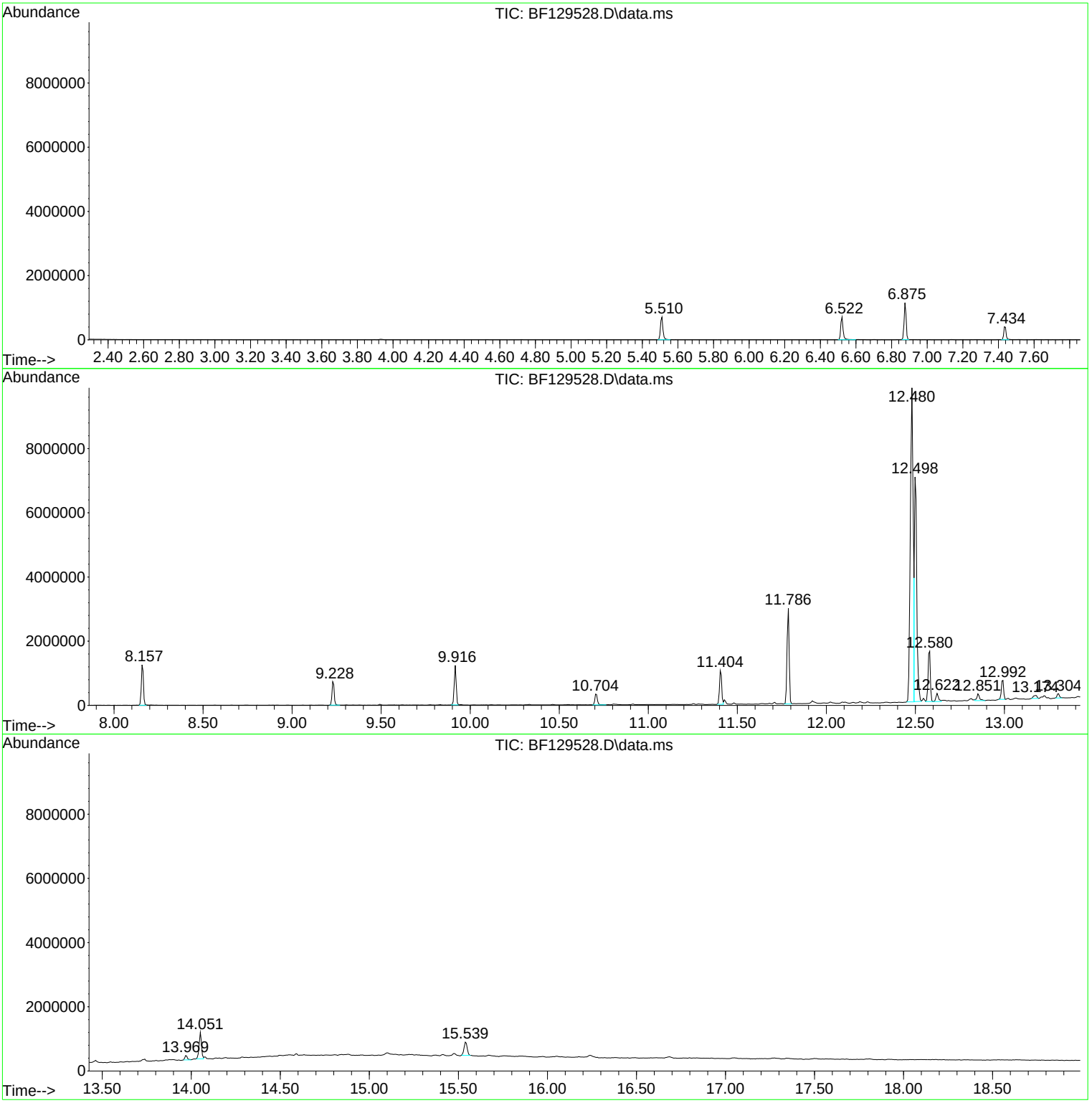
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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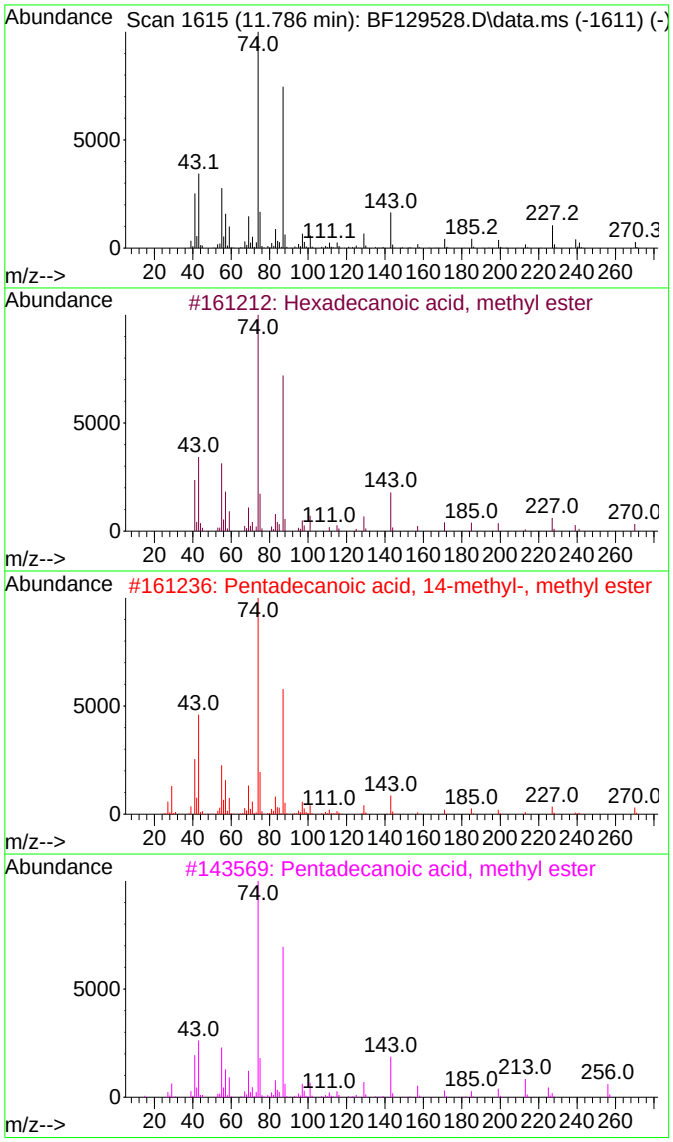
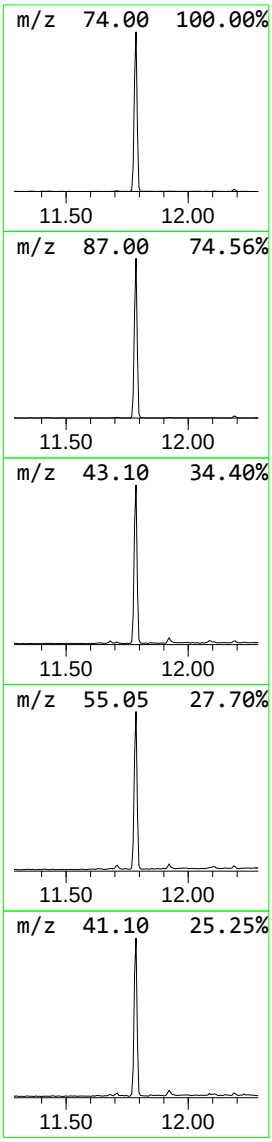
****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	51.41 ng	2398520	Phenanthrene-d10	11.404

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	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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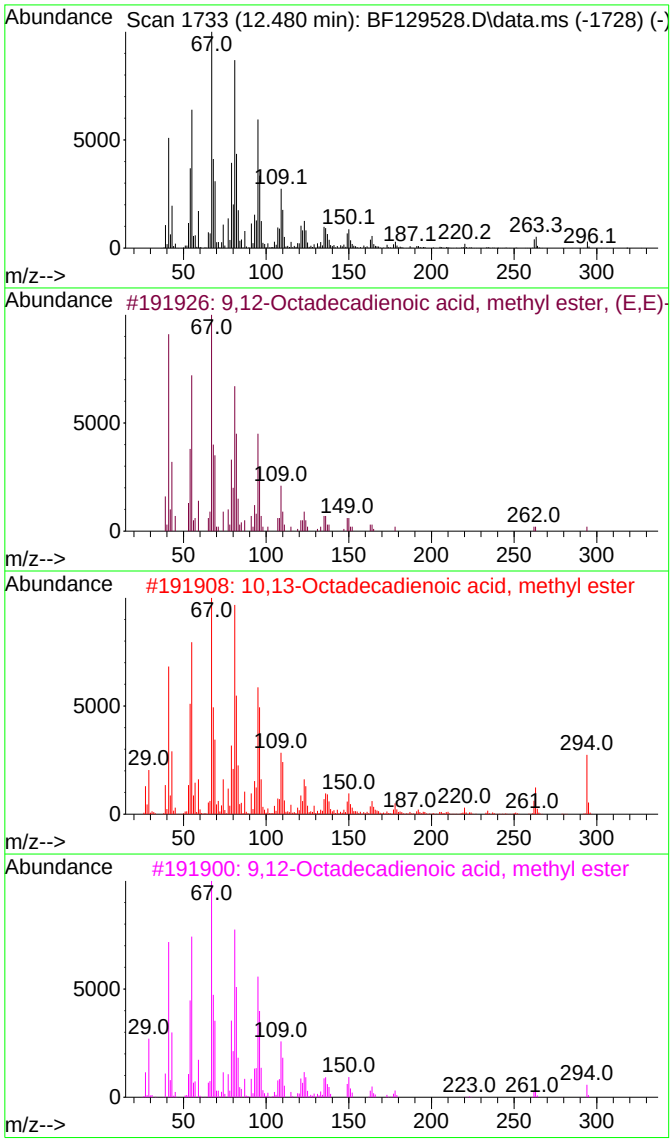
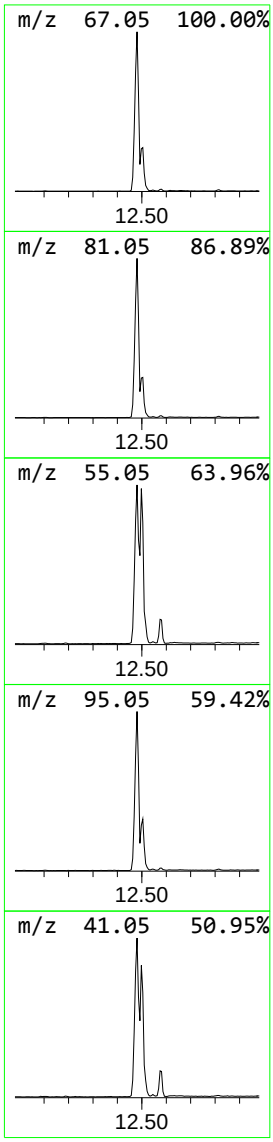
****
Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	240.35 ng	11212300	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99





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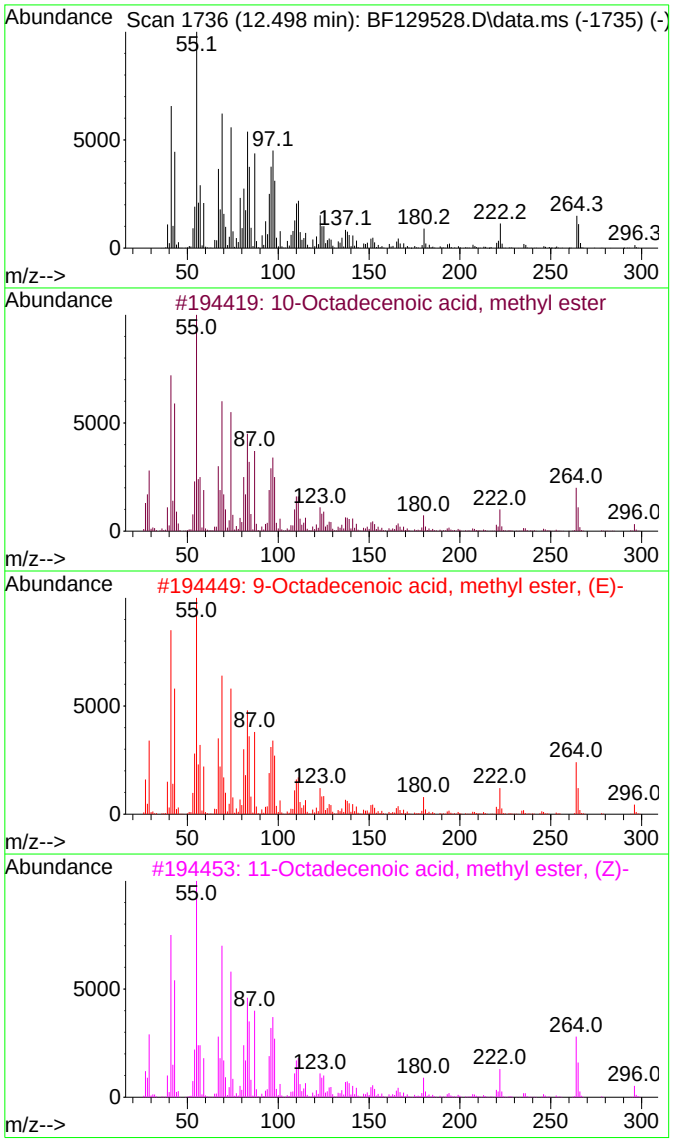
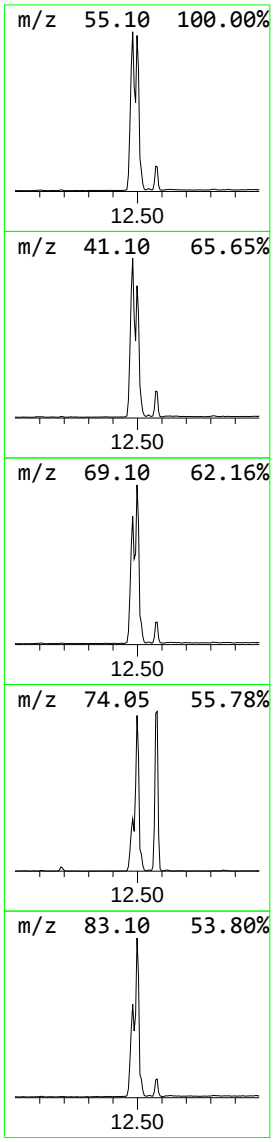
****
Peak Number 3 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	124.85 ng	5824400	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99





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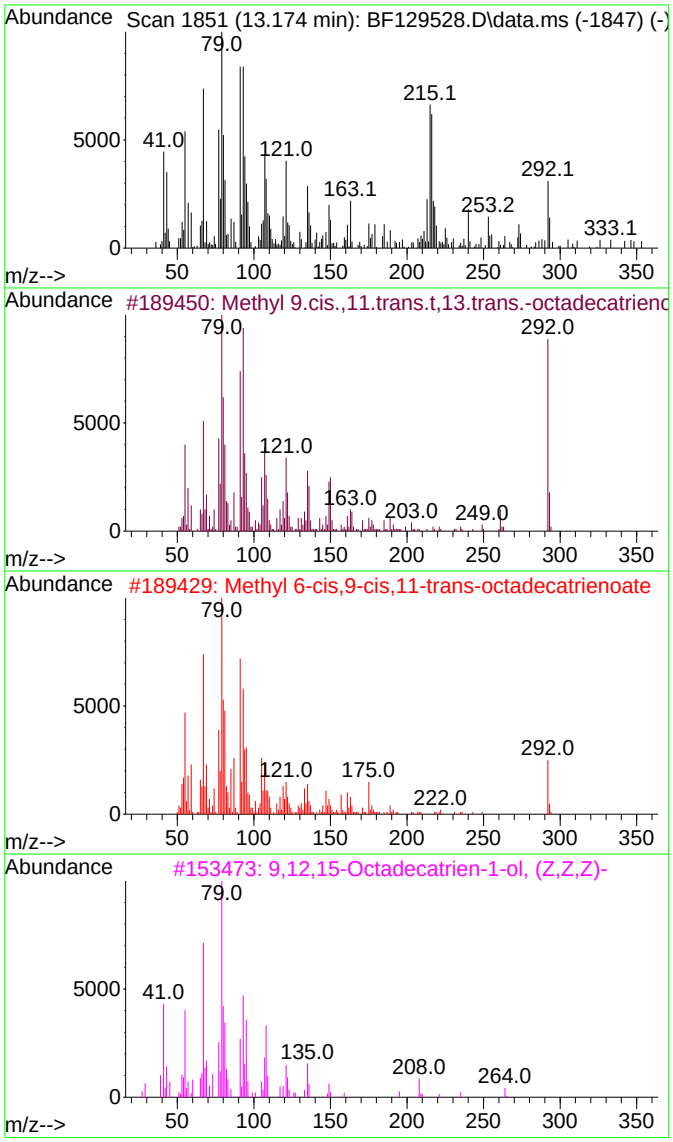
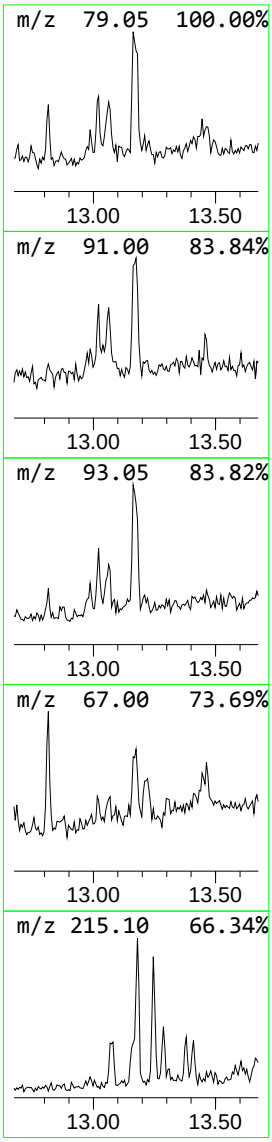
****
Peak Number 4 Methyl 9.cis.,11.trans.t,13... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	3.43 ng	135163	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	86
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1010336-37-7	86
3	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	70
4	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	64
5	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	52





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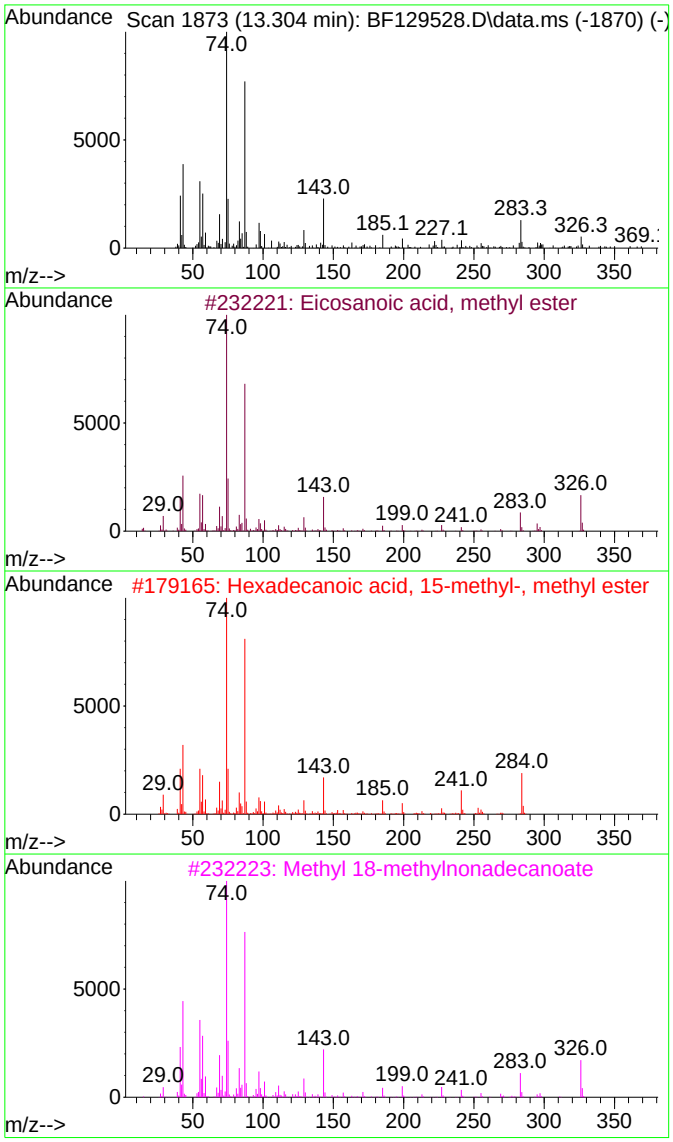
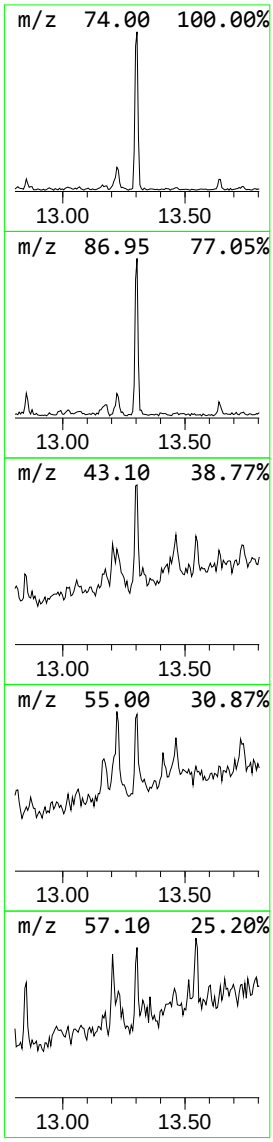
****

Peak Number 5 Eicosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	3.14 ng	123648	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	94
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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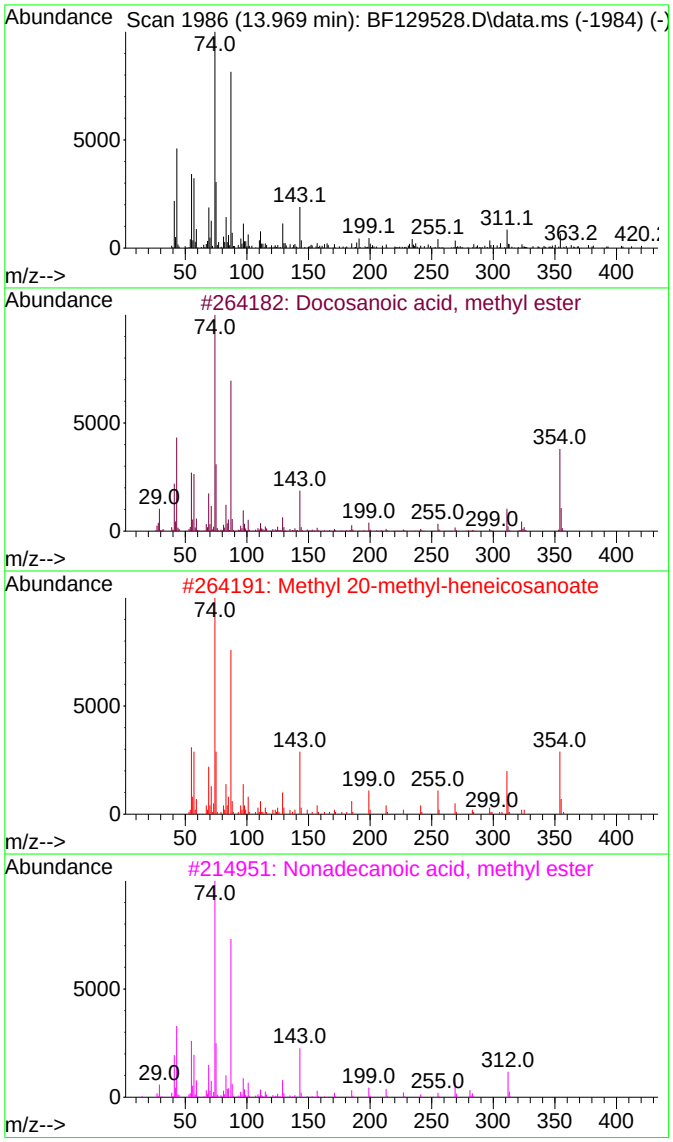
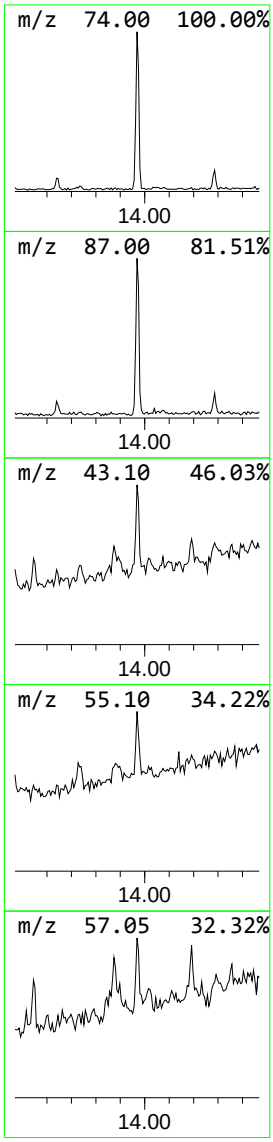
****

Peak Number 6 Docosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	3.41 ng	134301	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Octadecanoic acid, 17-methyl-, m...	312	C20H40O2	055124-97-5	87
5	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.786	51.4	ng	2398520	4	11.404	933008	20.0
9,12-Octadecadi...	12.480	240.3	ng	11212300	4	11.404	933008	20.0
10-Octadecenoic...	12.498	124.8	ng	5824400	4	11.404	933008	20.0
Methyl 9.cis.,1...	13.174	3.4	ng	135163	5	14.051	788468	20.0
Eicosanoic acid...	13.304	3.1	ng	123648	5	14.051	788468	20.0
Docosanoic acid...	13.969	3.4	ng	134301	5	14.051	788468	20.0