LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF127021.D
Acq On : 22 Feb 2022 21:15
Operator : CG\JU
Sample : N1610-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822

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: BF127021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.545	547	554	557	rBV	2371660	2191722	12.75%	4.528%
2	6.545	719	724	731	rVB	2069682	2279266	13.26%	4.709%
3	6.922	785	788	792	rBV	648052	495621	2.88%	1.024%
4	7.486	879	884	887	rBV	1721874	1484562	8.63%	3.067%
5	8.204	1003	1006	1009	rBV	768133	602192	3.50%	1.244%
6	9.280	1185	1189	1192	rVB	2868769	2218522	12.90%	4.583%
7	9.963	1302	1305	1308	rVB	708152	547344	3.18%	1.131%
8	10.757	1436	1440	1443	rBV	1359775	1187423	6.91%	2.453%
9	11.457	1555	1559	1561	rBV	526728	463498	2.70%	0.958%
10	11.839	1620	1624	1627	rBV	4855750	4354758	25.33%	8.997%
11	11.974	1643	1647	1655	rBV3	298256	316263	1.84%	0.653%
12	12.545	1737	1744	1746	rBV	10422191	17195379	100.00%	35.525%
13	12.568	1746	1748	1752	rVB2	11069614	9620949	55.95%	19.876%
14	12.633	1756	1759	1762	rVB	2549150	2017666	11.73%	4.168%
15	12.668	1762	1765	1767	rBV2	536087	568493	3.31%	1.174%
16	13.045	1825	1829	1832	rBV	1806938	1461145	8.50%	3.019%
17	13.280	1866	1869	1874	rVB2	208924	222569	1.29%	0.460%
18	13.357	1879	1882	1884	rVV	234681	177869	1.03%	0.367%
19	14.027	1993	1996	1999	rBV	197749	196146	1.14%	0.405%
20	14.104	2005	2009	2011	rBV2	431808	463954	2.70%	0.959%
21	15.609	2262	2265	2269	rBV	243056	338644	1.97%	0.700%

Sum of corrected areas: 48403985

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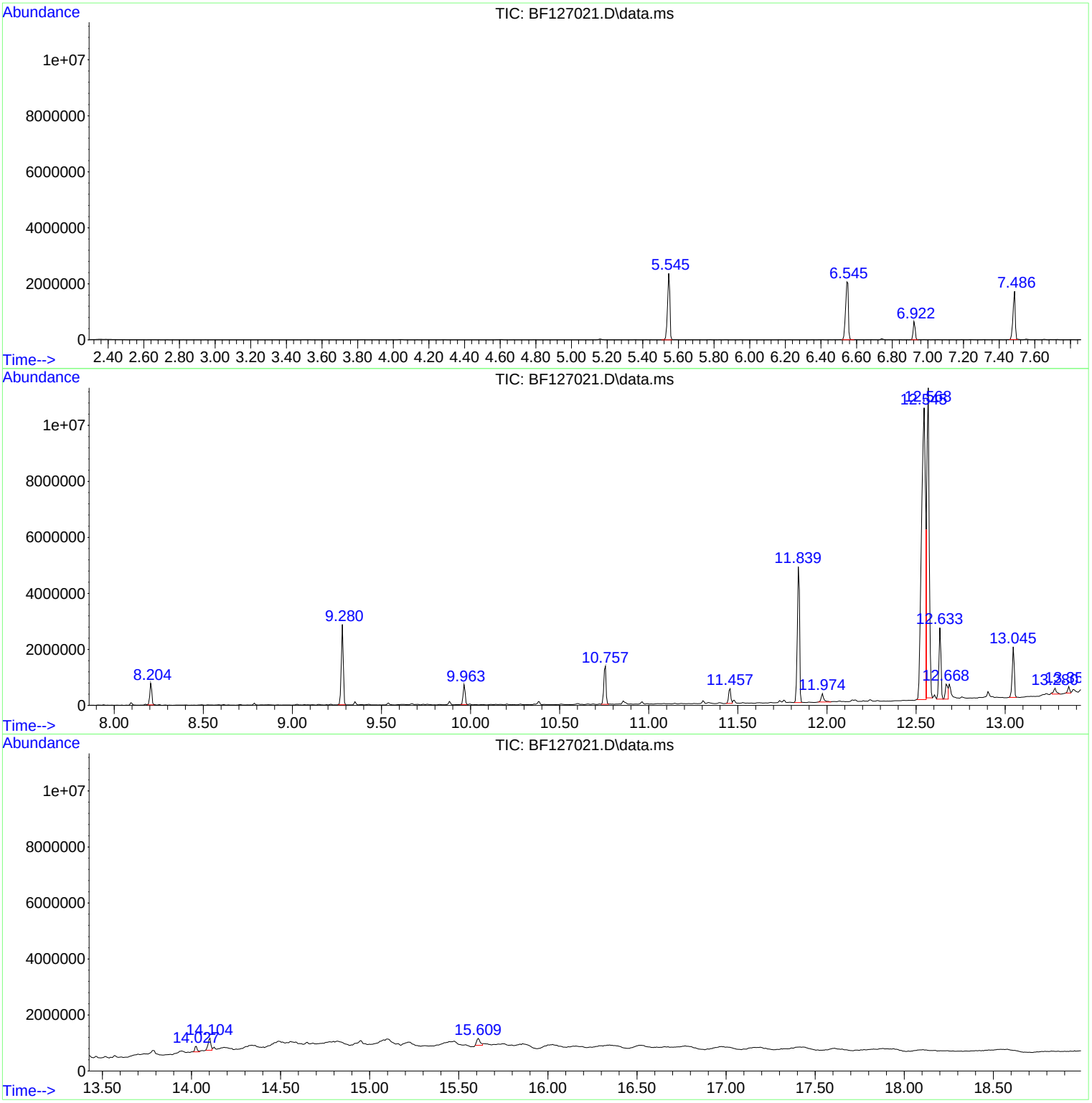
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF127021.D
Acq On : 22 Feb 2022 21:15
Operator : CG\JU
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Misc :
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Instrument :
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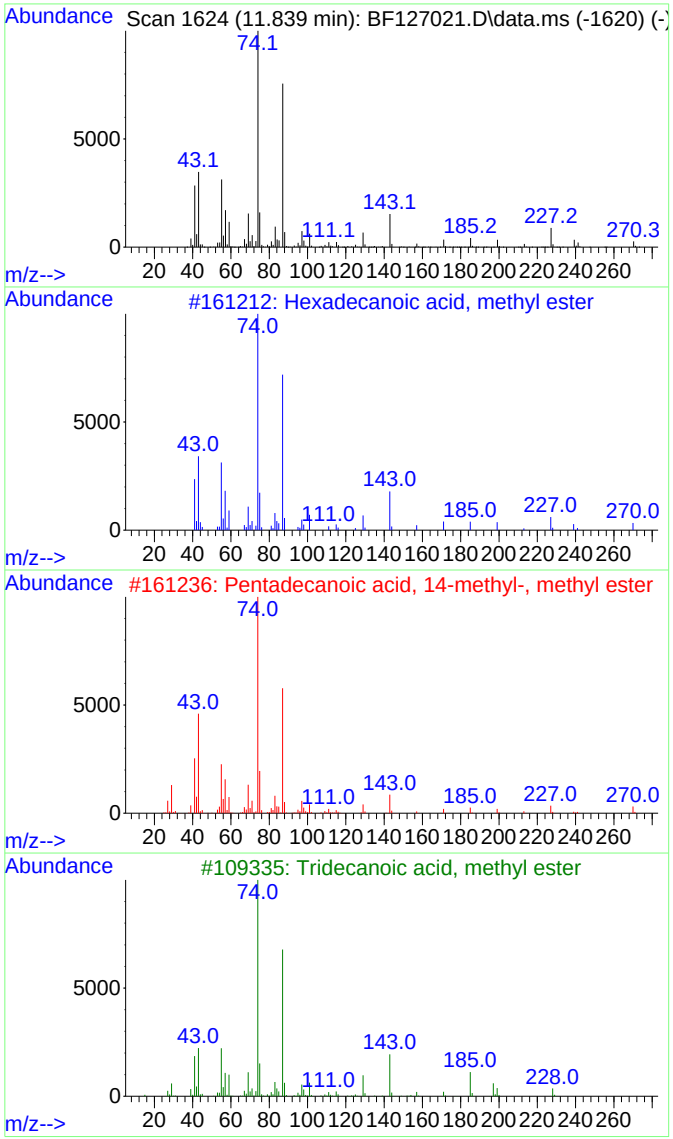
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

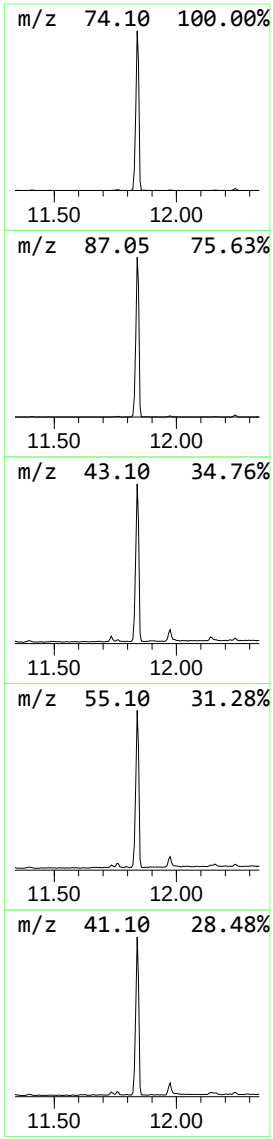
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	187.91 ng	4354760	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91





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Acq On : 22 Feb 2022 21:15
Operator : CG\JU
Sample : N1610-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822

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

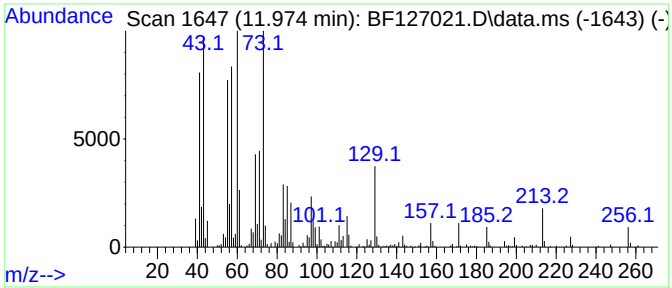
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

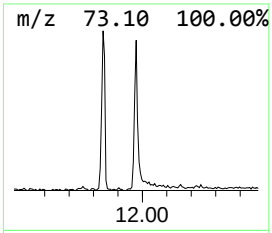
****

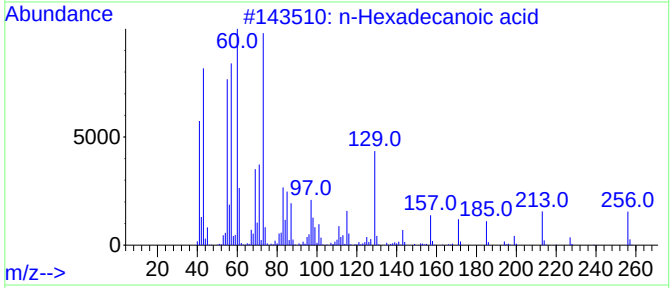
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

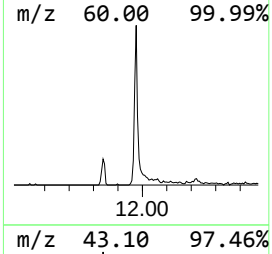
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	13.65 ng	316263	Phenanthrene-d10	11.457

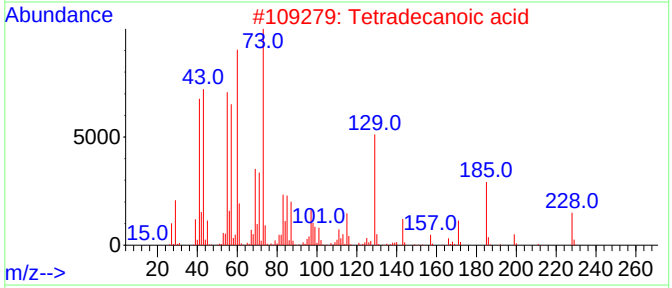
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83

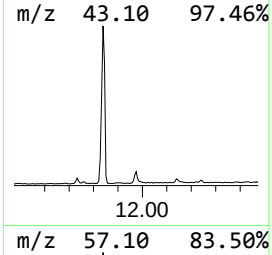


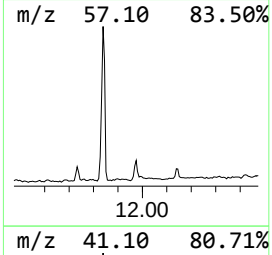


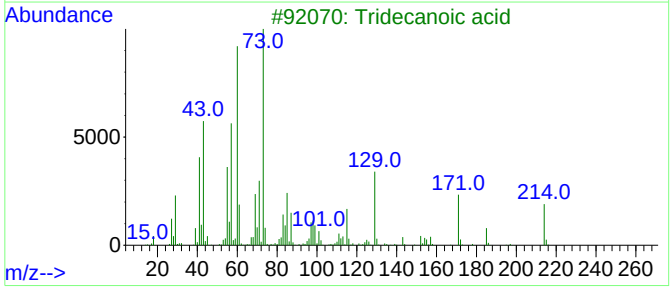


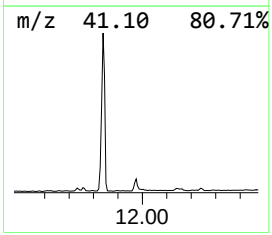












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Sample : N1610-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822

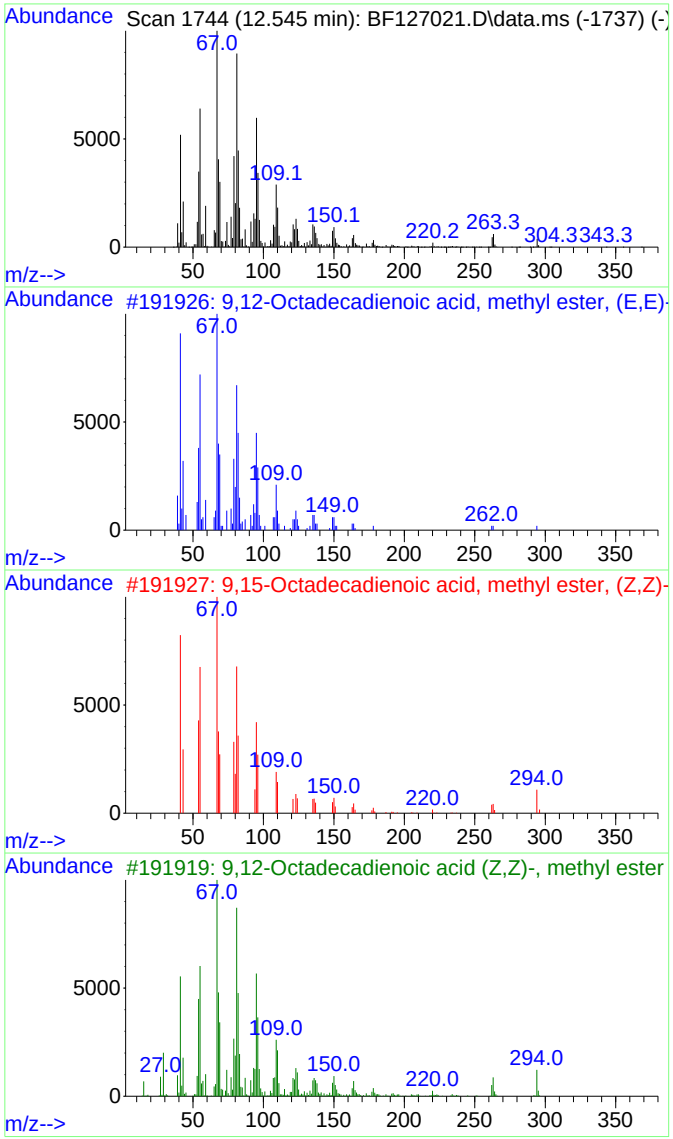
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

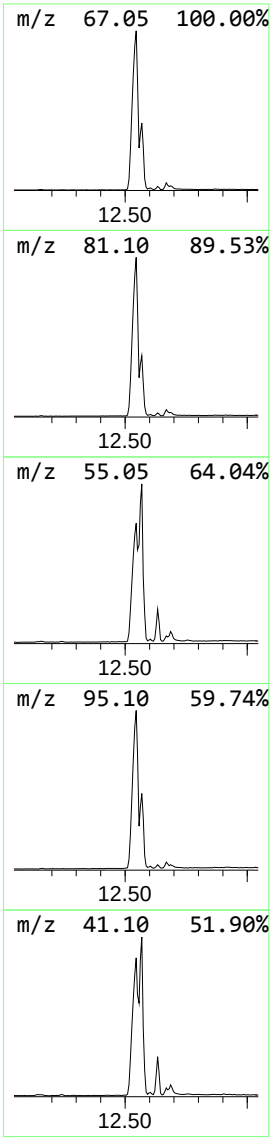
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	741.98 ng	17195400	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99





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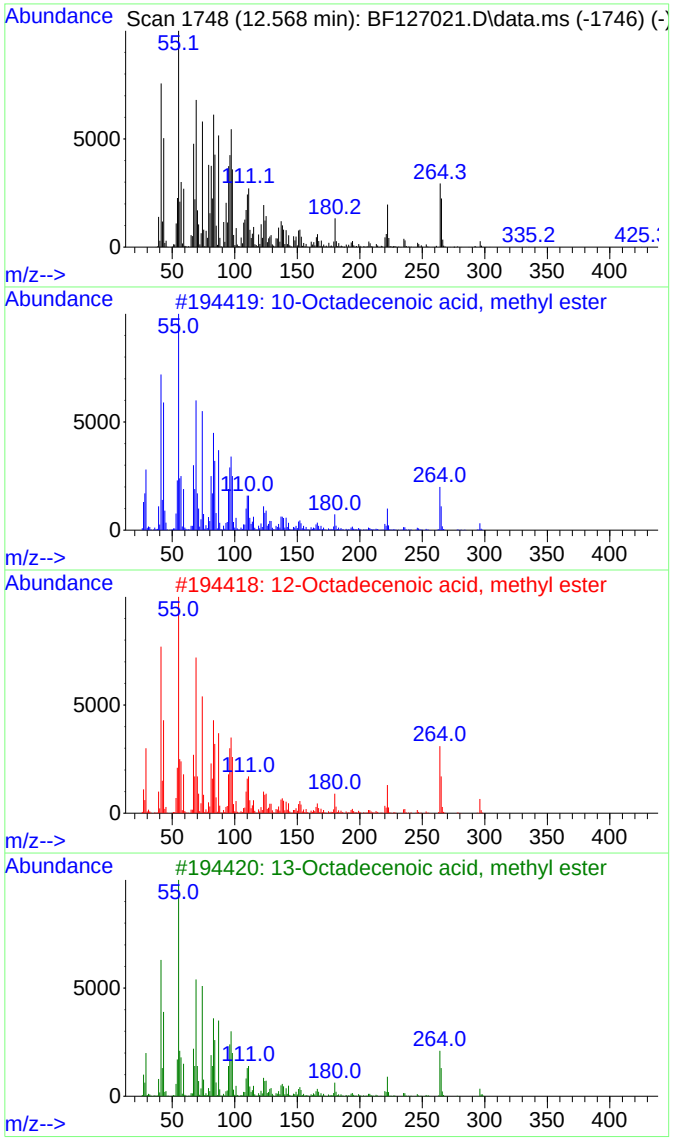
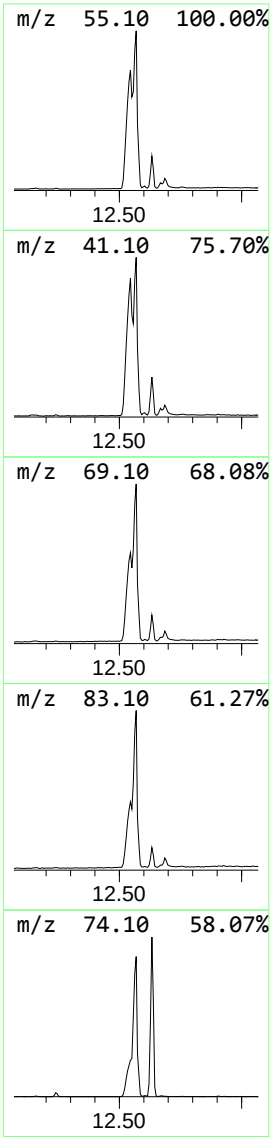
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	415.14 ng	9620950	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99





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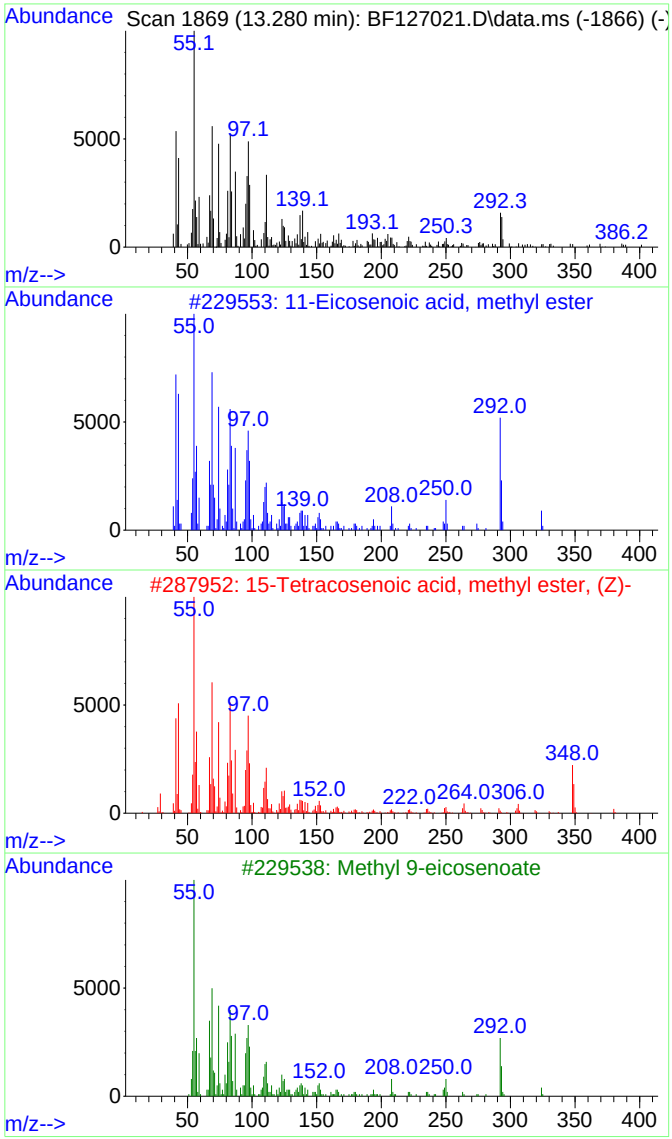
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

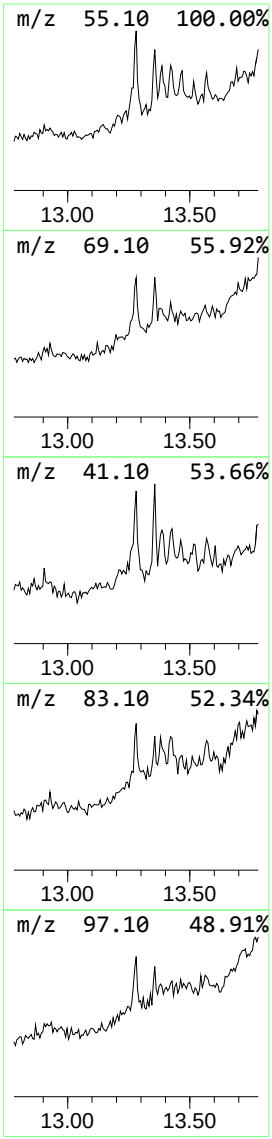
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 11-Eicosenoic acid, methyl ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	9.59 ng	222569	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
2	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	74
3	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	68
4	Cyclopropanedecanoic acid, 2-oct...	338	C22H42O2	010152-64-4	68
5	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	52





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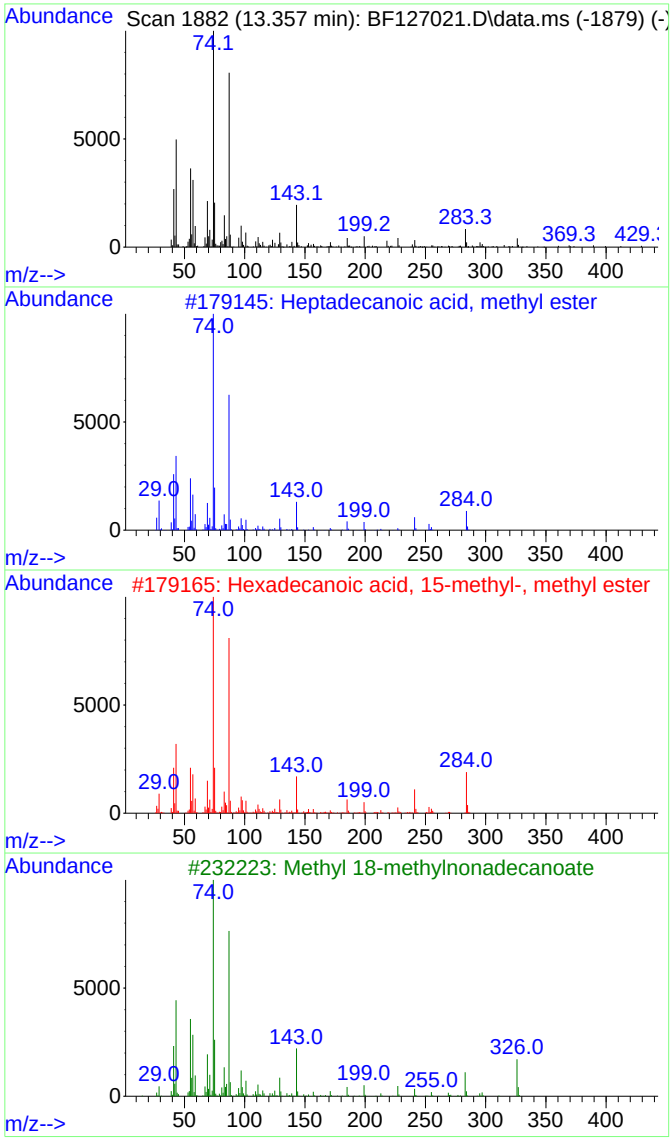
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

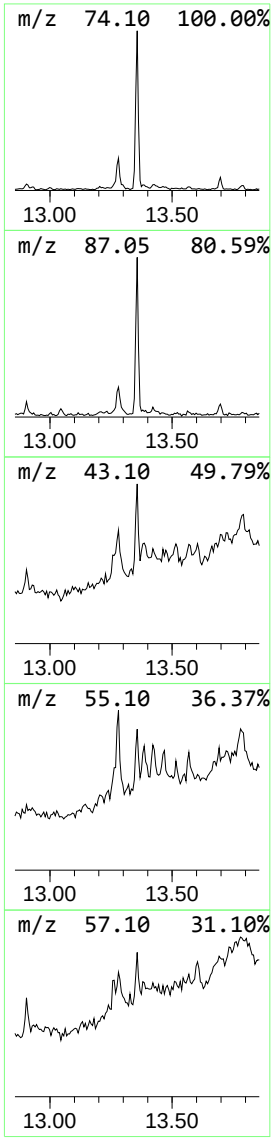
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecanoic acid, methyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	7.67 ng	177869	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	90
4	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	90
5	Methyl stearate	298	C19H38O2	000112-61-8	90





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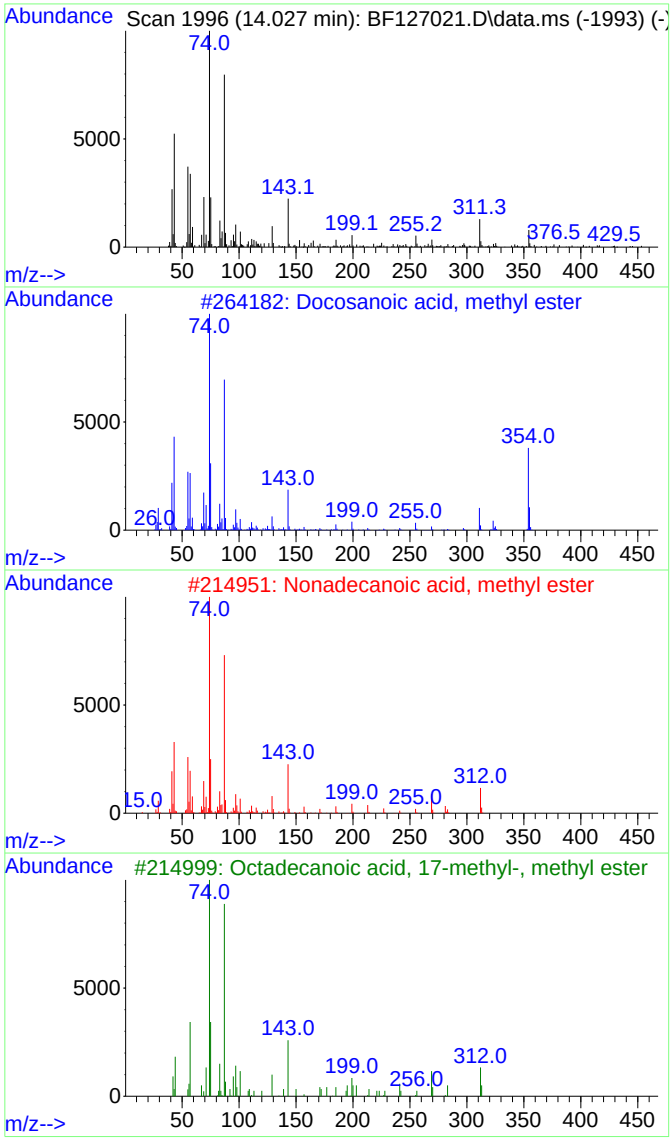
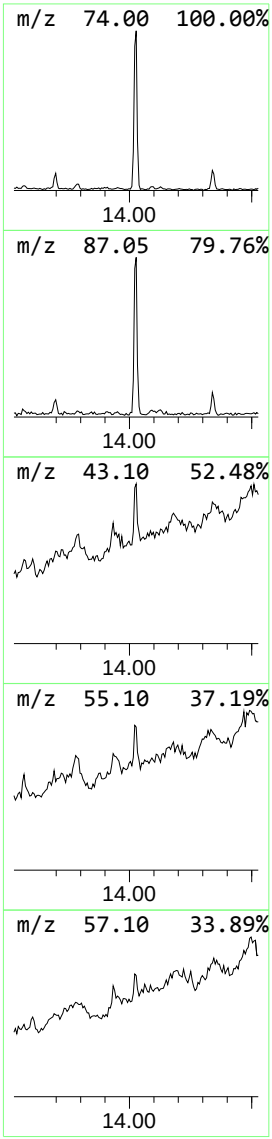
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Docosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	8.46 ng	196146	Chrysene-d12	14.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	94
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Octadecanoic acid, 17-methyl-, m...	312	C20H40O2	055124-97-5	91
4	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Tentatively Identified Compound (LSC) summary

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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...	11.839	187.9	ng	4354760	4	11.457	463498	20.0
n-Hexadecanoic ...	11.974	13.7	ng	316263	4	11.457	463498	20.0
9,12-Octadecadi...	12.545	742.0	ng	17195400	4	11.457	463498	20.0
10-Octadecenoic...	12.569	415.1	ng	9620950	4	11.457	463498	20.0
11-Eicosenoic a...	13.280	9.6	ng	222569	5	14.104	463954	20.0
Heptadecanoic a...	13.357	7.7	ng	177869	5	14.104	463954	20.0
Docosanoic acid...	14.027	8.5	ng	196146	5	14.104	463954	20.0