LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	471	474	483	rVB	16153	19879	1.18%	0.107%
2	5.304	544	547	573	rBV	1104483	1262011	74.74%	6.802%
3	6.339	720	723	741	rBV	1209745	1297500	76.84%	6.994%
4	6.534	750	756	761	rBV4	21546	31957	1.89%	0.172%
5	6.692	780	783	791	rBV	1103737	948148	56.15%	5.111%
6	7.257	876	879	891	rBV	985713	891620	52.80%	4.806%
7	7.981	998	1002	1005	rBV	1285982	1183590	70.09%	6.380%
8	9.051	1180	1184	1189	rBV	2077821	1688599	100.00%	9.102%
9	9.445	1247	1251	1255	rBV	139740	135709	8.04%	0.731%
10	9.569	1265	1272	1274	rBV2	16104	27529	1.63%	0.148%
11	9.727	1295	1299	1303	rBV	1498659	1319404	78.14%	7.112%
12	9.945	1333	1336	1340	rBV2	45680	45560	2.70%	0.246%
13	10.163	1370	1373	1375	rBV	28011	20624	1.22%	0.111%
14	10.386	1408	1411	1416	rVB	25418	27570	1.63%	0.149%
15	10.516	1430	1433	1442	rBV	728782	693159	41.05%	3.736%
16	10.633	1451	1453	1462	rVB	70537	103666	6.14%	0.559%
17	11.080	1527	1529	1532	rBV2	72552	72899	4.32%	0.393%
18	11.110	1532	1534	1540	rVB	62075	69157	4.10%	0.373%
19	11.210	1547	1551	1554	rBV	1330419	1225967	72.60%	6.608%
20	11.233	1554	1555	1558	rVB	82950	54447	3.22%	0.293%
21	11.510	1599	1602	1604	rBV	82547	64379	3.81%	0.347%
22	11.533	1604	1606	1609	rVB3	37033	26579	1.57%	0.143%
23	11.610	1616	1619	1622	rBV	368204	277011	16.40%	1.493%
24	11.751	1639	1643	1651	rBV3	201660	263243	15.59%	1.419%
25	11.916	1668	1671	1675	rBV	85039	67320	3.99%	0.363%
26	12.016	1685	1688	1690	rBV4	21563	28344	1.68%	0.153%
27	12.263	1727	1730	1732	rBV	28186	30231	1.79%	0.163%
28	12.292	1732	1735	1737	rBV	1073104	982094	58.16%	5.294%
29	12.316	1737	1739	1742	rVB	1394630	1090573	64.58%	5.878%
30	12.404	1751	1754	1756	rBV	264256	238661	14.13%	1.286%
31	12.421	1756	1757	1760	rVB	118220	79062	4.68%	0.426%
32	12.533	1774	1776	1782	rBV2	86471	96387	5.71%	0.520%
33	12.651	1791	1796	1798	rBV	140093	166392	9.85%	0.897%
34	12.674	1798	1800	1803	rVB	74808	60880	3.61%	0.328%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.798	1817	1821	1824	rBV	1572996	1401396	82.99%	7.554%
36	13.033	1858	1861	1866	rBV2	75202	108561	6.43%	0.585%
37	13.715	1973	1977	1985	rVB3	163879	296975	17.59%	1.601%
38	13.851	1996	2000	2003	rBV	1153183	1070304	63.38%	5.769%
39	15.268	2237	2241	2247	rVB	893582	1085271	64.27%	5.850%

Sum of corrected areas: 18552658

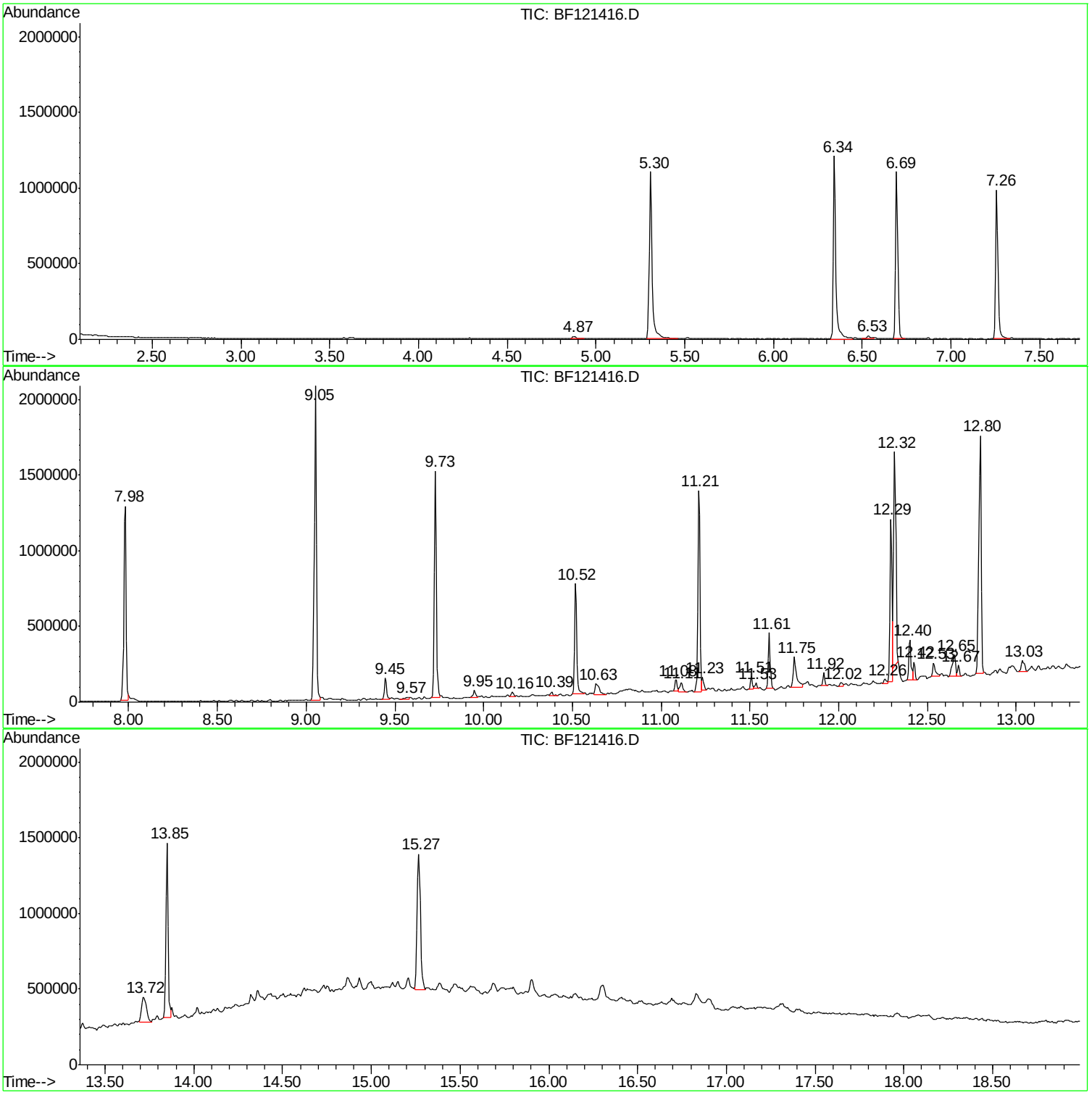
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

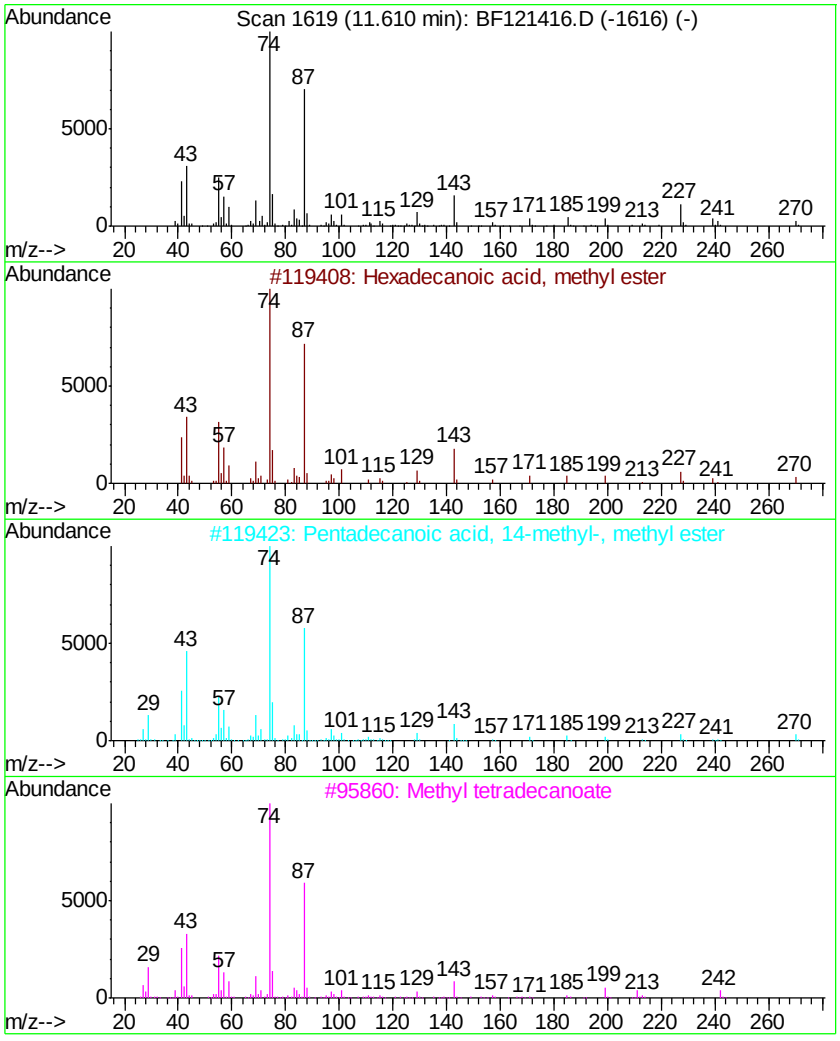
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

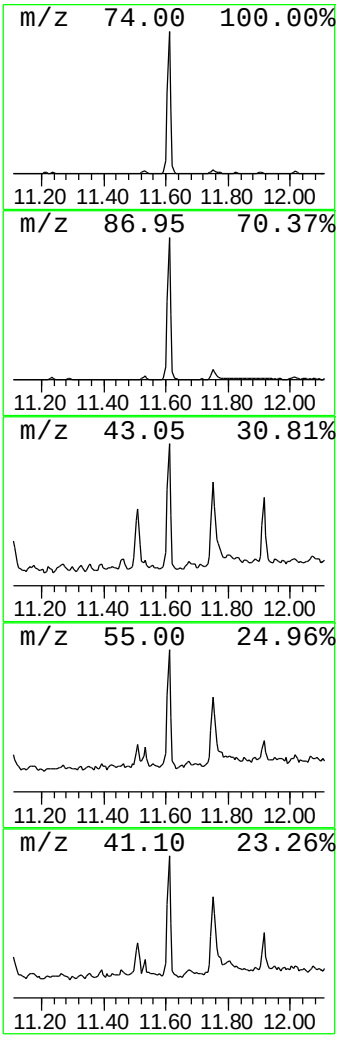
****

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.52 ng	277011	Phenanthrene-d10	11.21

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

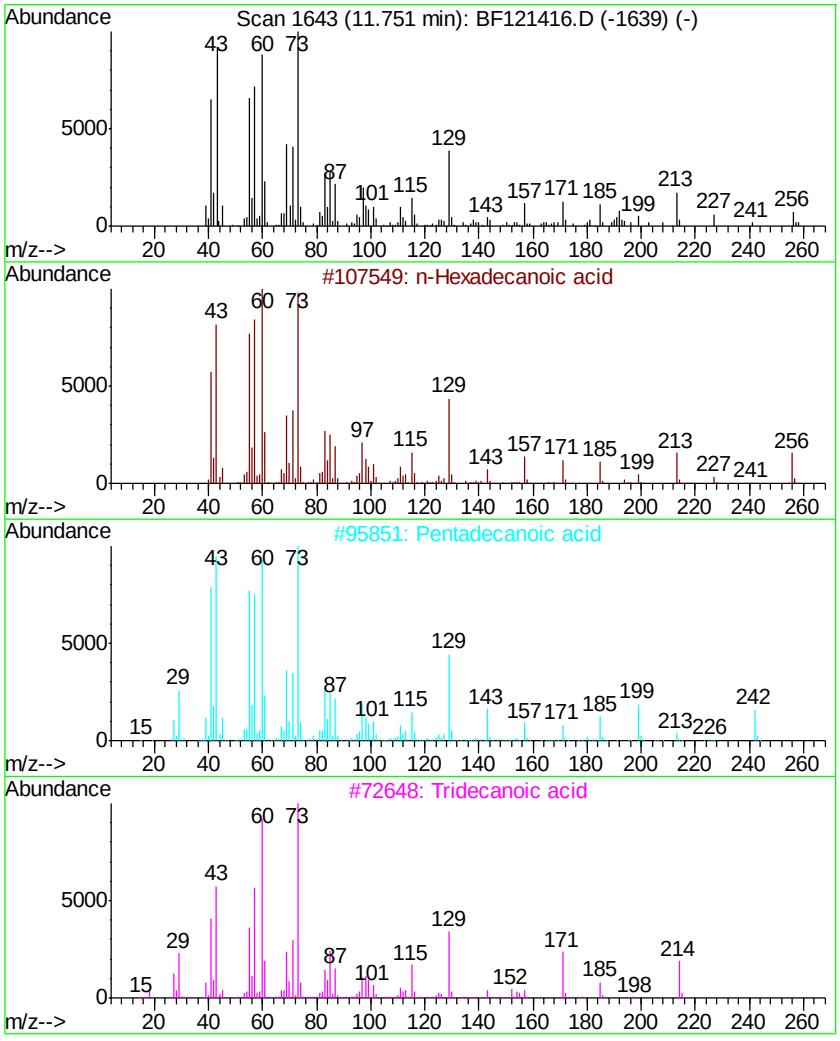
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

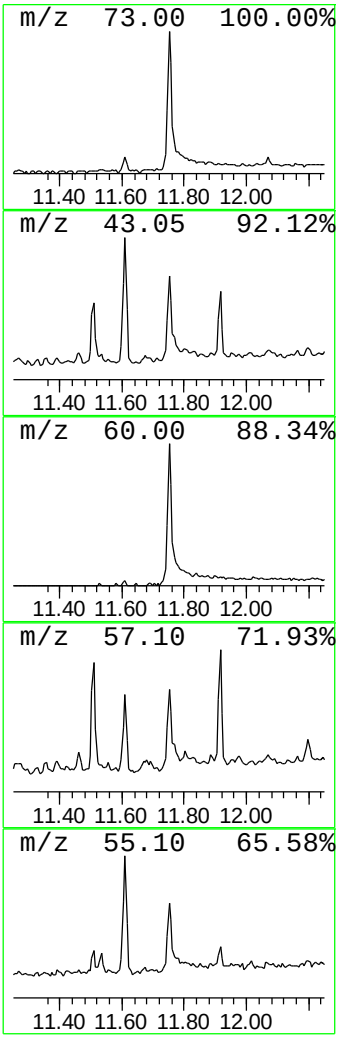
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.29 ng	263243	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

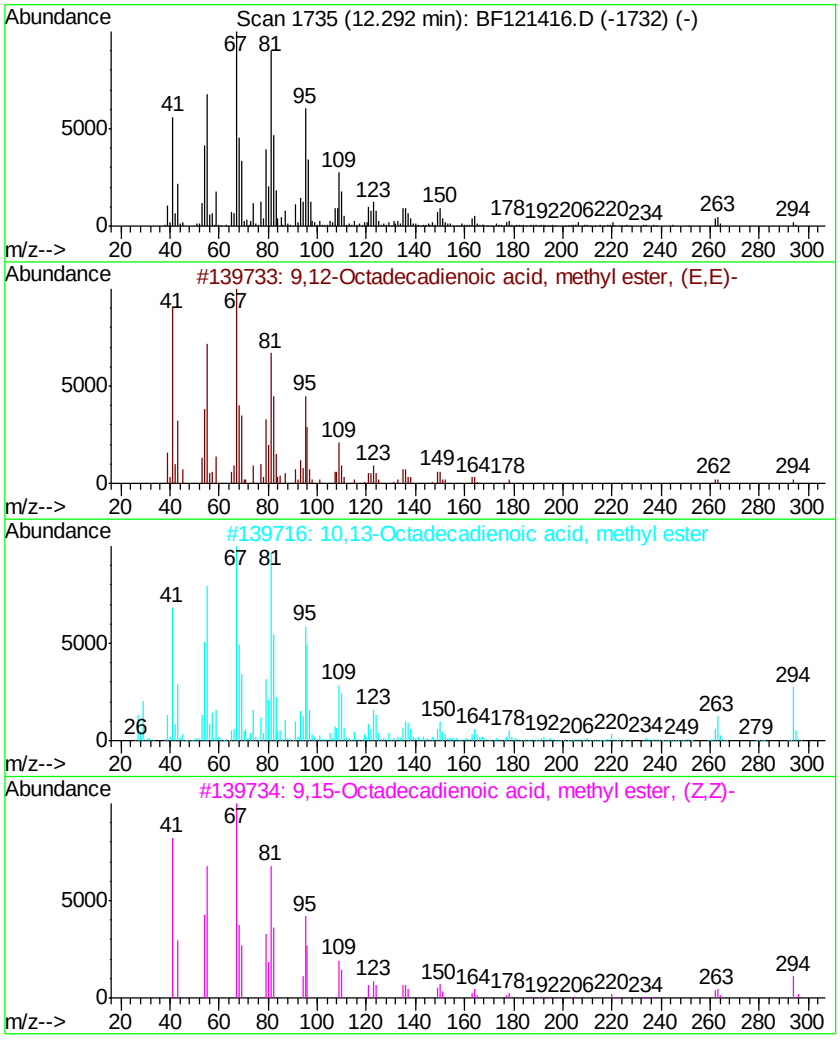
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

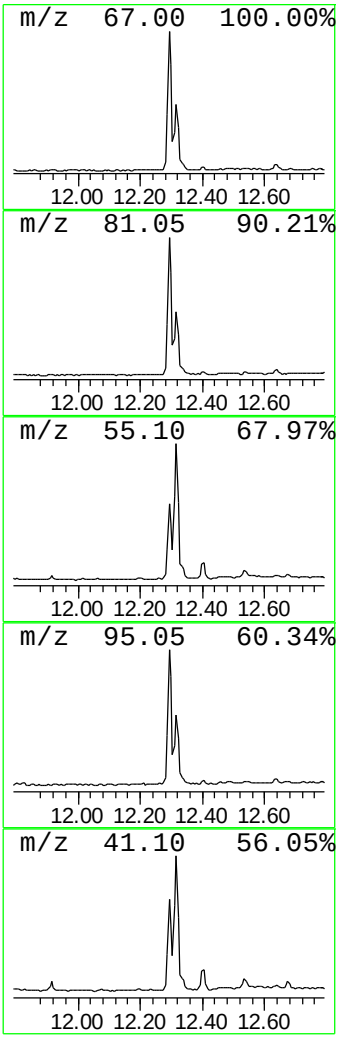
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	16.02 ng	982094	Phenanthrene-d10	11.21

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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

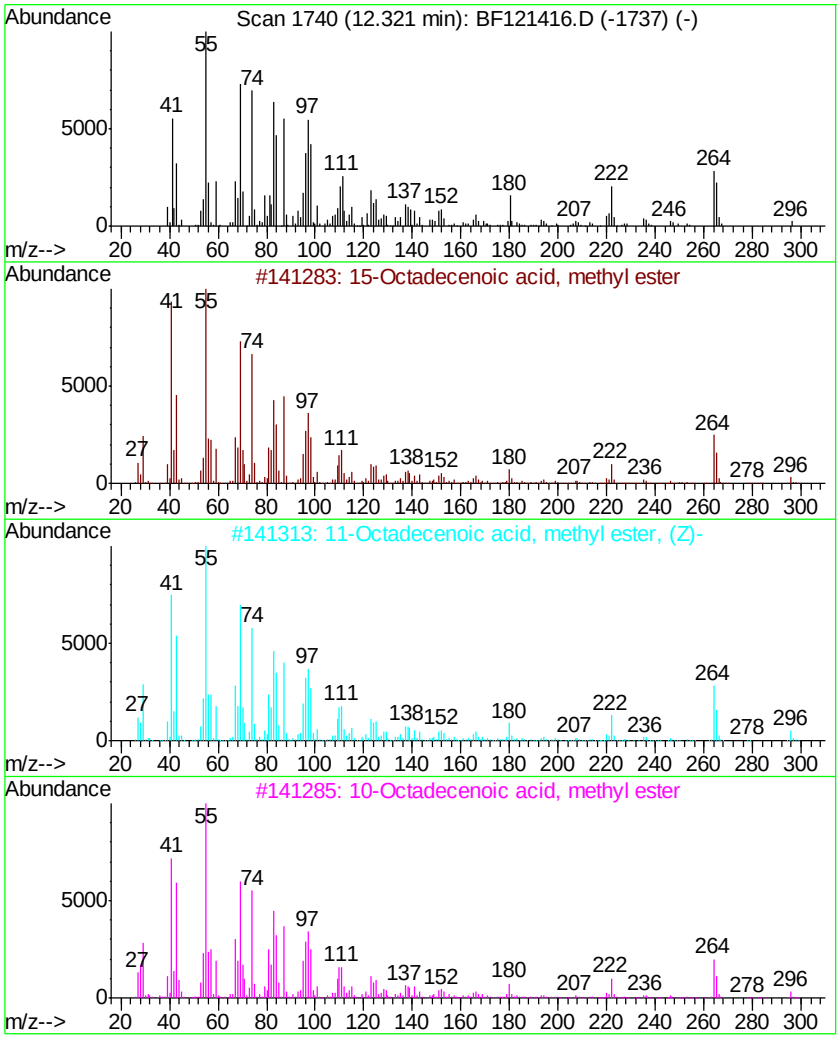
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

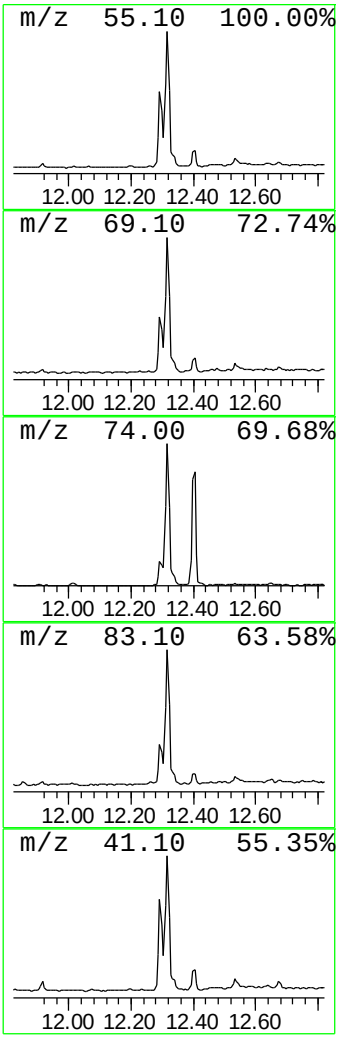
****

Peak Number 4 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	17.79 ng	1090570	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

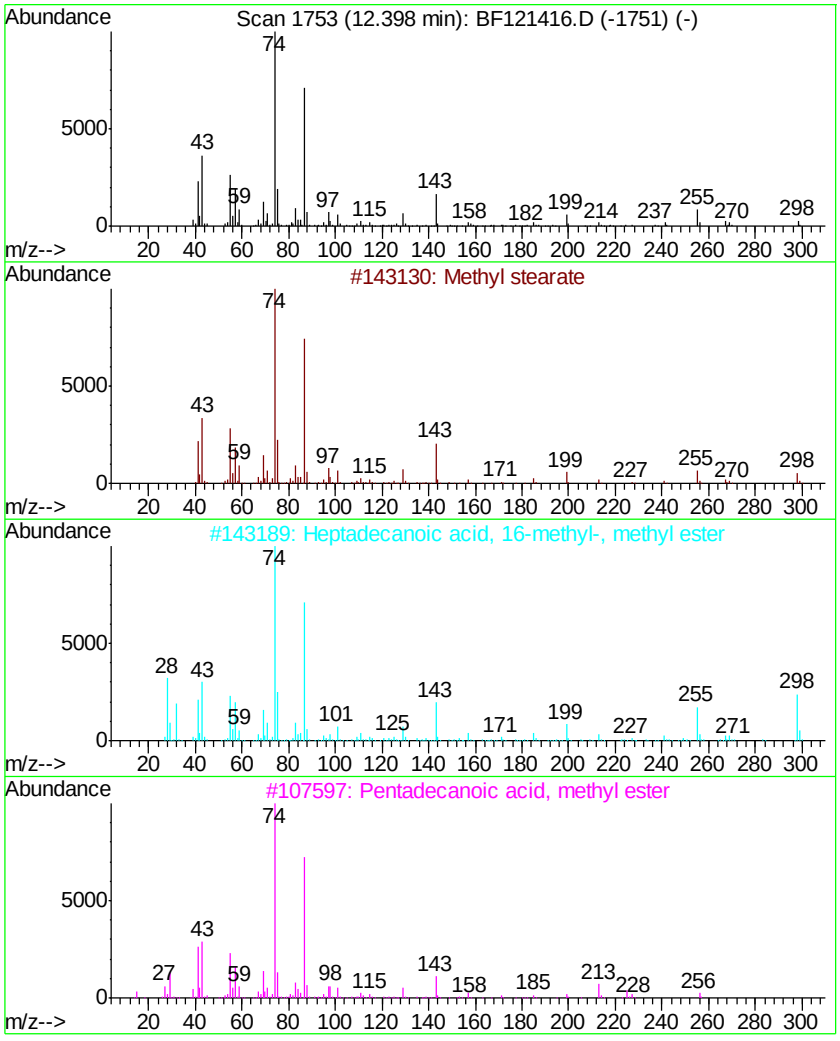
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

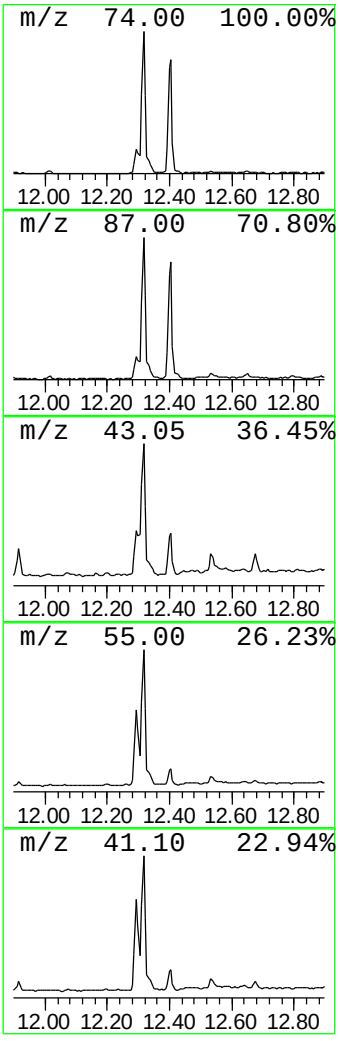
****

Peak Number 5 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.89 ng	238661	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

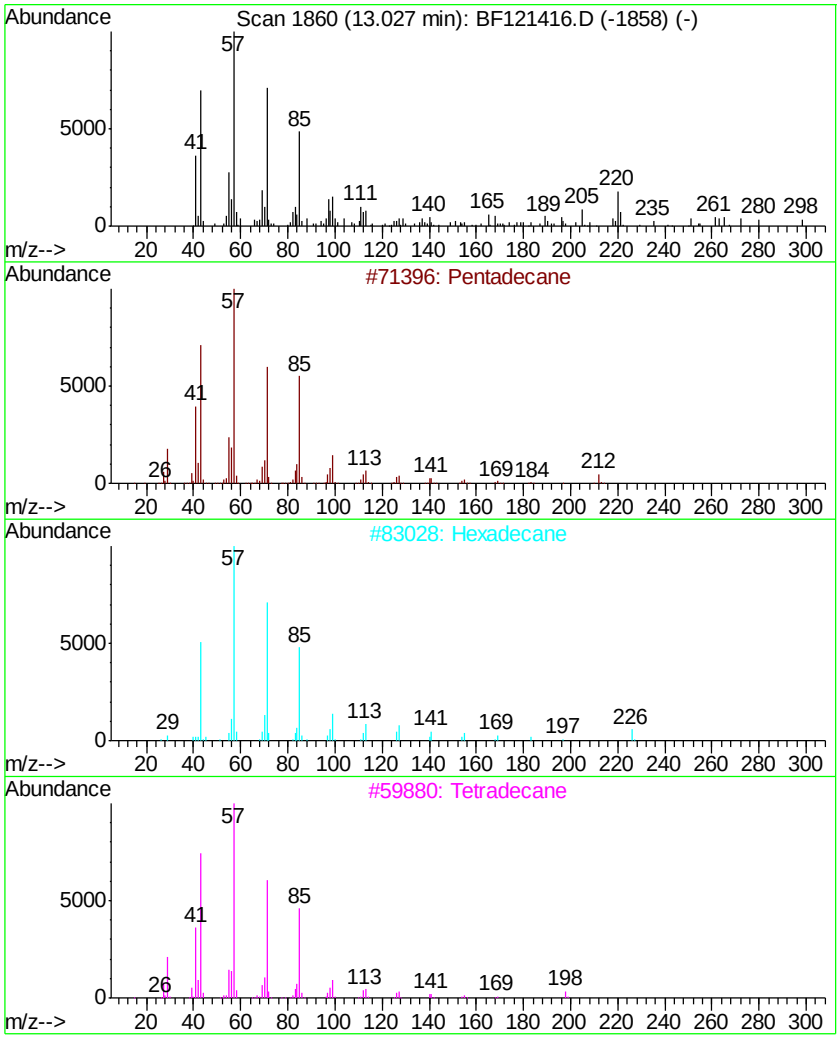
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

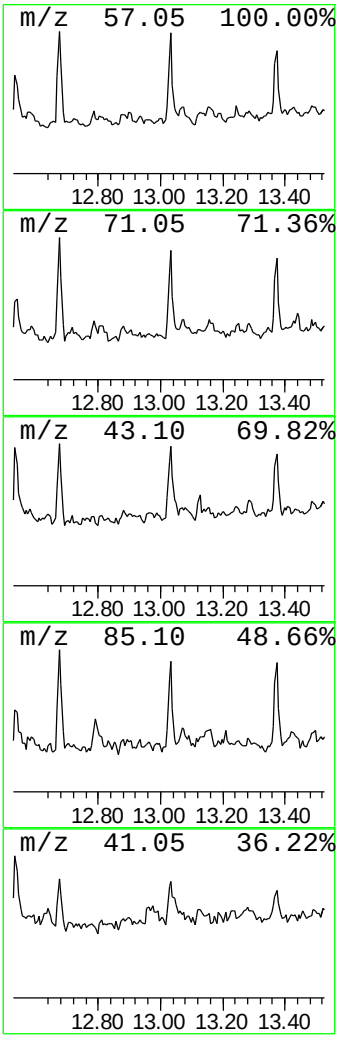
****

Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.03 ng	108561	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	81
4	Hexacosane	366	C26H54	000630-01-3	74
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

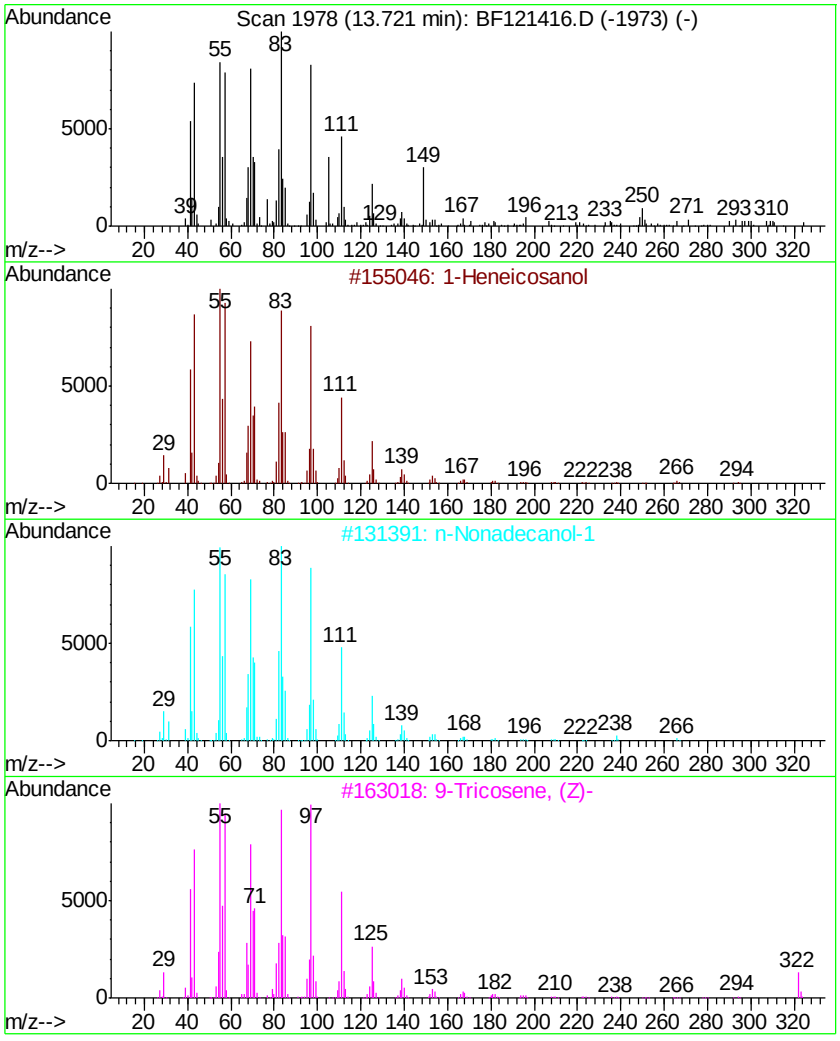
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

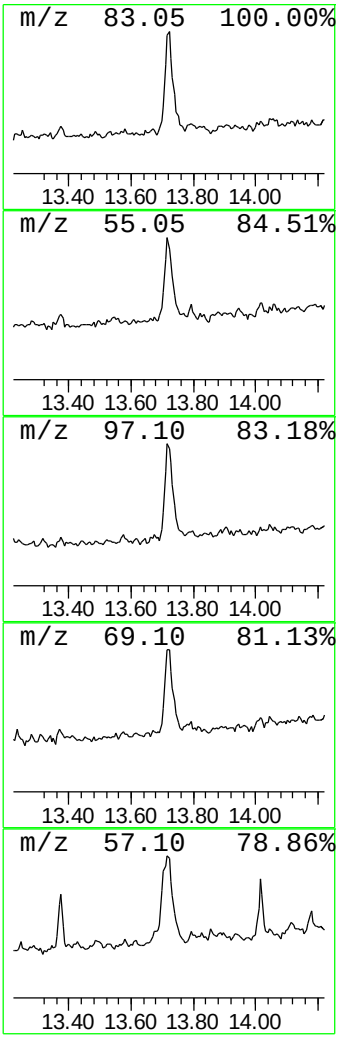
****

Peak Number 8 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.55 ng	296975	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082420\
Data File : BF121416.D
Acq On : 25 Aug 2020 00:05
Operator : JU/CG
Sample : L3780-17 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic acid...	11.61	4.5	ng	277011	4	11.21	1225970	20.0
n-Hexadecanoic acid	11.75	4.3	ng	263243	4	11.21	1225970	20.0
9,12-Octadecadien...	12.29	16.0	ng	982094	4	11.21	1225970	20.0
15-Octadecenoic a...	12.32	17.8	ng	1090570	4	11.21	1225970	20.0
Methyl stearate	12.40	3.9	ng	238661	4	11.21	1225970	20.0
Pentadecane	13.03	2.0	ng	108561	5	13.85	1070300	20.0
1-Heneicosanol	13.72	5.5	ng	296975	5	13.85	1070300	20.0