LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	5.598	593	597	613	rBV	70185	252555	4.69%	1.267%
2	6.598	763	767	787	rBV	100344	400887	7.45%	2.011%
3	6.733	787	790	817	rVB	247579	522551	9.71%	2.621%
4	6.963	826	829	850	rBV	359221	642349	11.93%	3.222%
5	7.116	852	855	868	rVV	279650	363156	6.75%	1.822%
6	7.533	922	926	935	rBV	96640	231292	4.30%	1.160%
7	8.245	1044	1047	1059	rBV	639023	822324	15.28%	4.125%
8	9.316	1225	1229	1238	rBV	519892	627807	11.66%	3.149%
9	9.380	1238	1240	1244	rVB	71220	64896	1.21%	0.326%
10	9.704	1291	1295	1303	rBV2	43844	79071	1.47%	0.397%
11	9.910	1325	1330	1334	rBV	89523	81242	1.51%	0.408%
12	10.004	1342	1346	1359	rVB	917424	971441	18.05%	4.873%
13	10.410	1410	1415	1418	rBV2	132709	135709	2.52%	0.681%
14	10.798	1477	1481	1489	rBV	230449	320792	5.96%	1.609%
15	10.886	1493	1496	1506	rVB	111109	143779	2.67%	0.721%
16	11.333	1570	1572	1575	rBV	83635	65598	1.22%	0.329%
17	11.498	1596	1600	1612	rBV	683919	903208	16.78%	4.531%
18	11.763	1642	1645	1648	rBV	69673	54159	1.01%	0.272%
19	11.868	1659	1663	1672	rBV	1863724	1593029	29.59%	7.991%
20	12.563	1776	1781	1783	rBV	4368714	5383084	100.00%	27.004%
21	12.580	1783	1784	1794	rVV2	3256235	3245915	60.30%	16.283%
22	12.663	1794	1798	1802	rVV	737415	698514	12.98%	3.504%
23	12.721	1804	1808	1816	rVB	74107	121710	2.26%	0.611%
24	12.951	1845	1847	1853	rVB	72964	93029	1.73%	0.467%
25	13.080	1866	1869	1877	rVB	439328	458827	8.52%	2.302%
26	13.386	1918	1921	1923	rBV	68305	57129	1.06%	0.287%
27	13.962	2016	2019	2023	rBV3	60495	72129	1.34%	0.362%
28	14.057	2032	2035	2038	rBV	68725	76660	1.42%	0.385%
29	14.151	2047	2051	2064	rBV	553223	788634	14.65%	3.956%
30	15.703	2310	2315	2327	rVB	354410	662766	12.31%	3.325%

Sum of corrected areas: 19934242

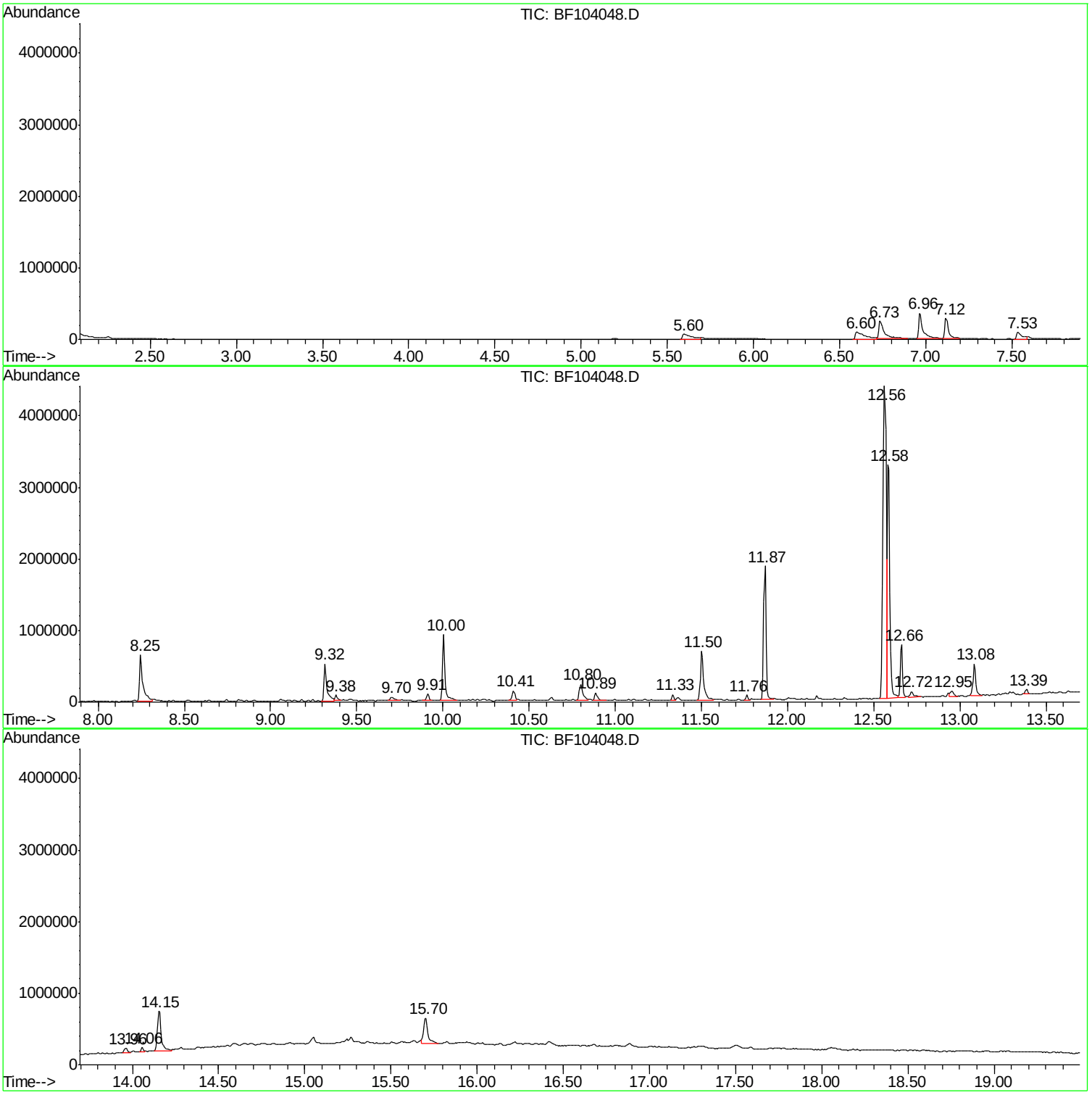
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

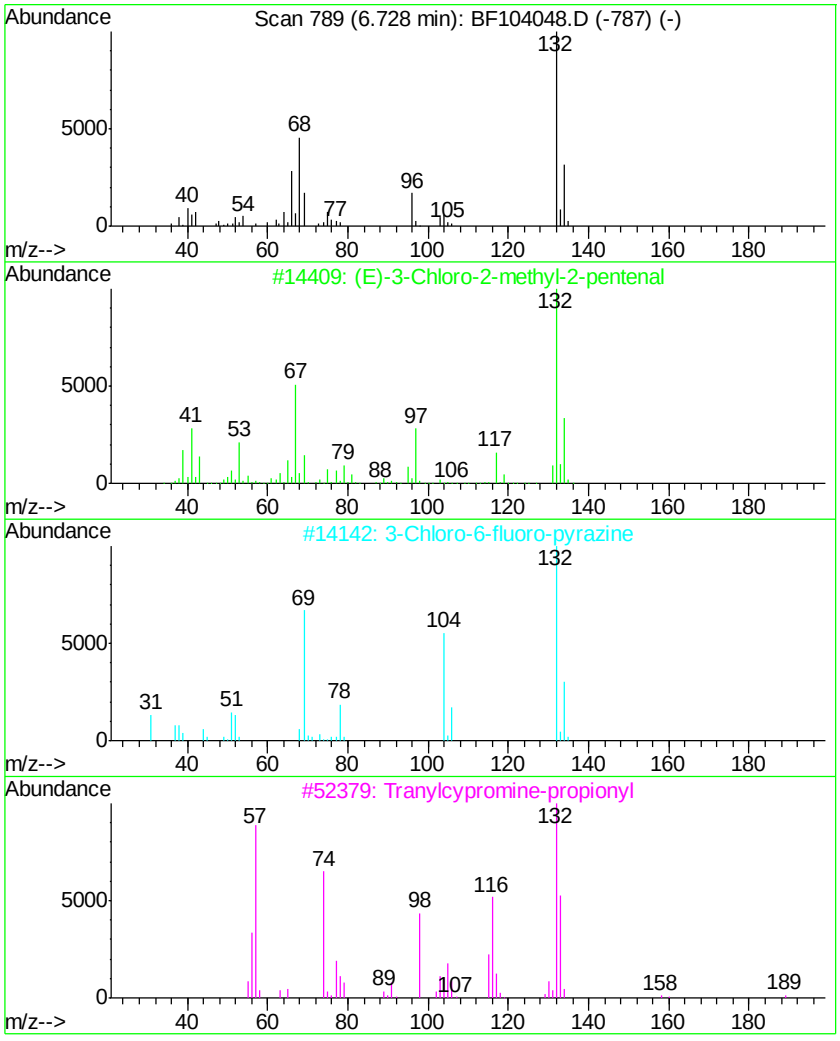
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

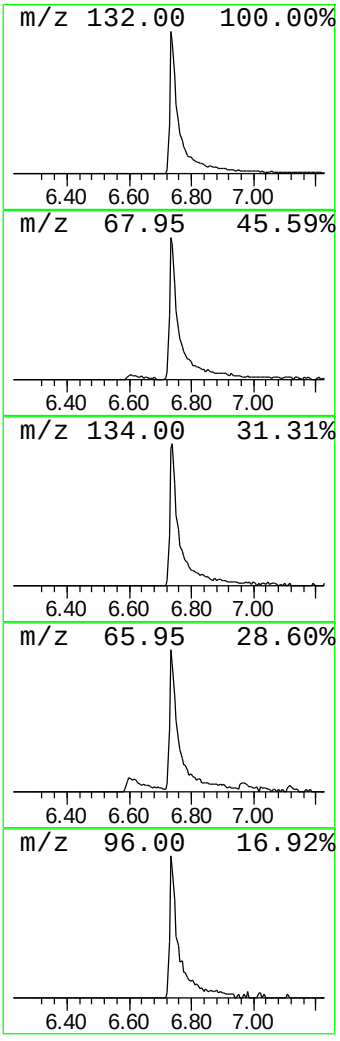
****

Peak Number 1 unknown6.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	16.27 ng	522551	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

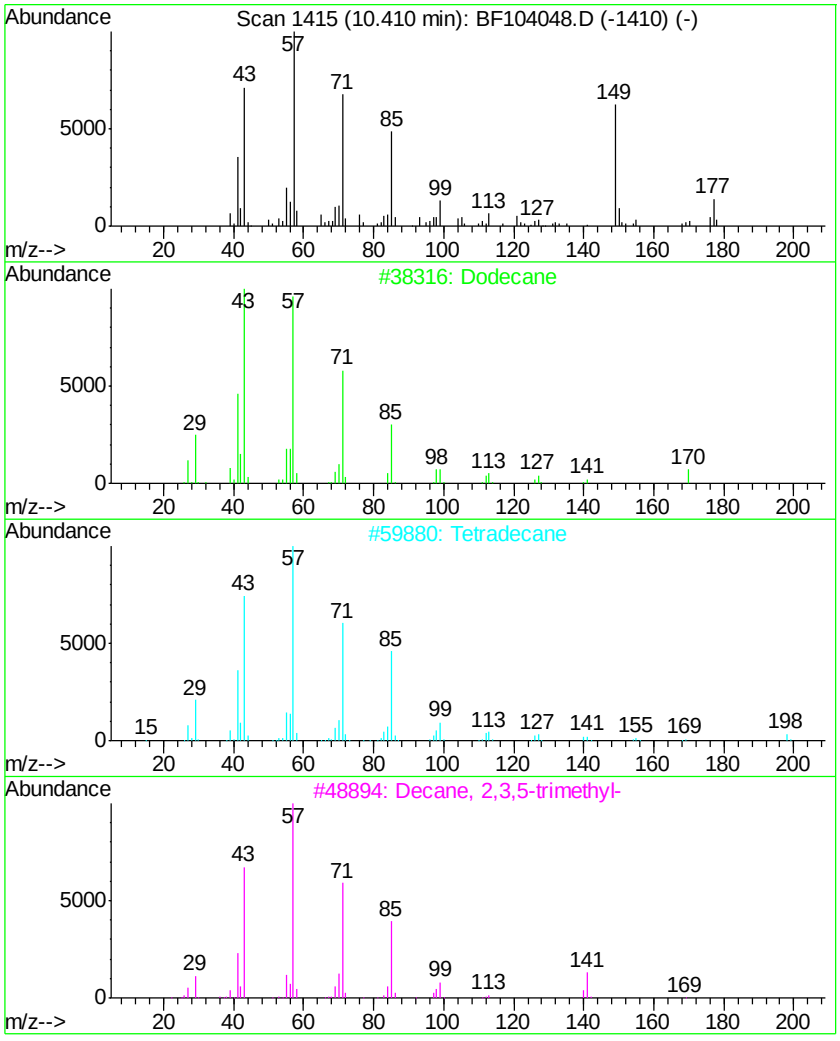
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

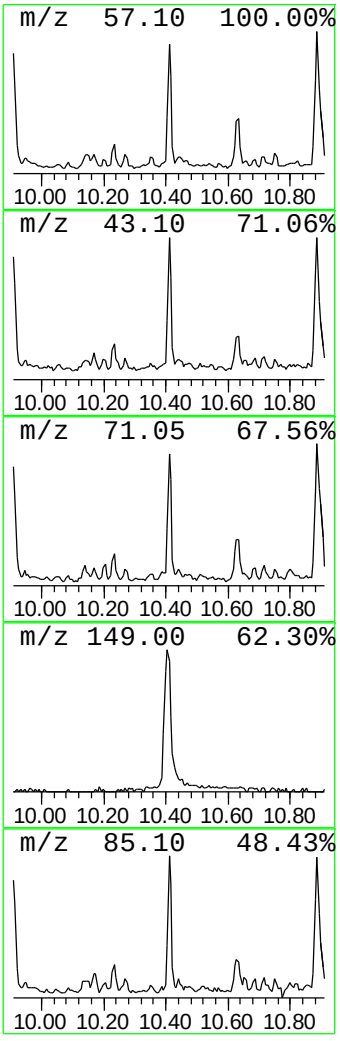
****

Peak Number 3 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	2.79 ng	135709	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	49
2	Tetradecane	198	C14H30	000629-59-4	49
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49
4	Tetracosane	338	C24H50	000646-31-1	49
5	Docosane	310	C22H46	000629-97-0	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

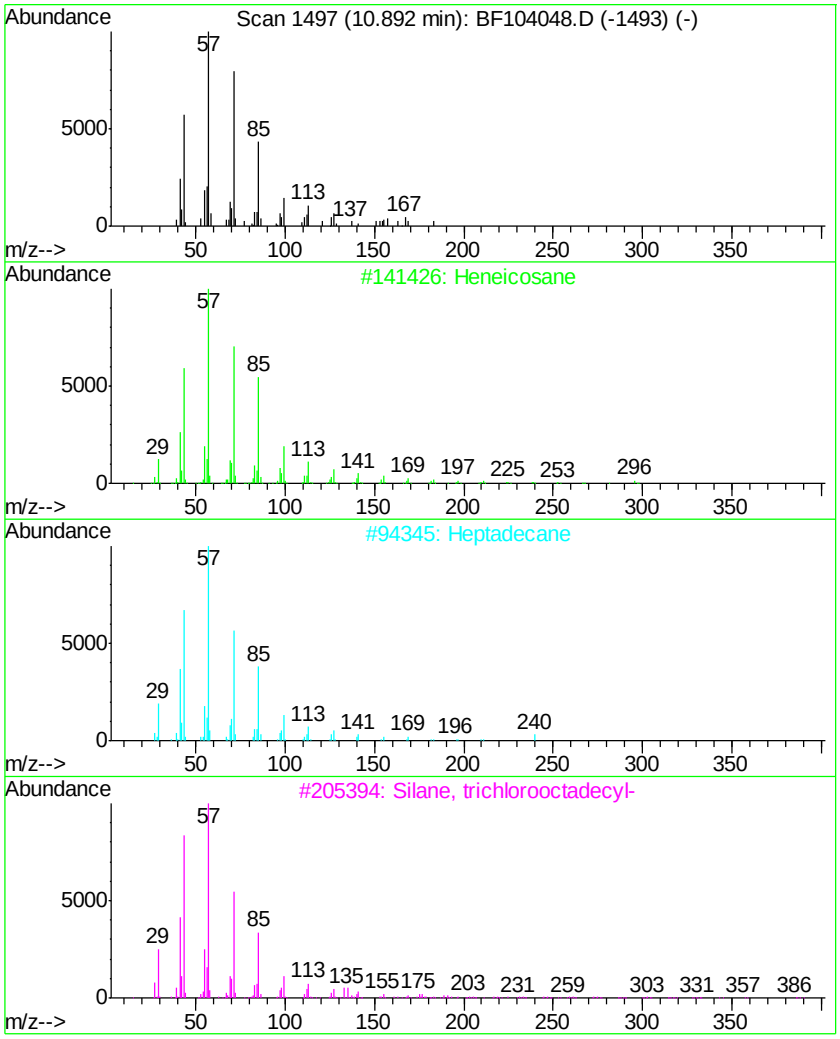
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

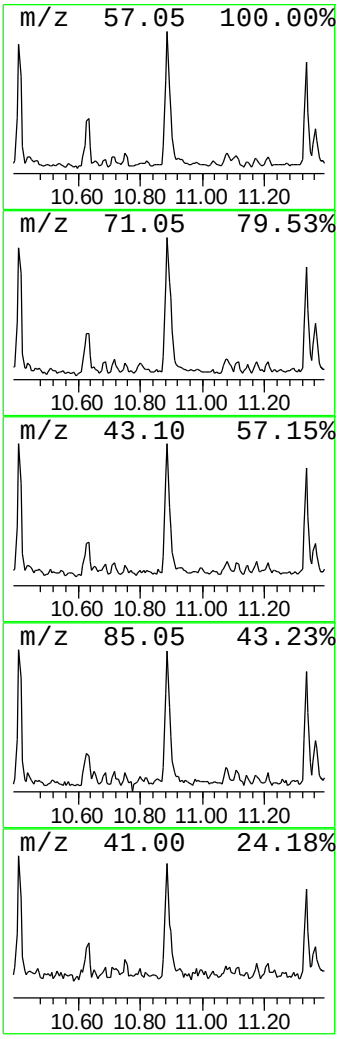
****

Peak Number 4 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	3.18 ng	143779	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

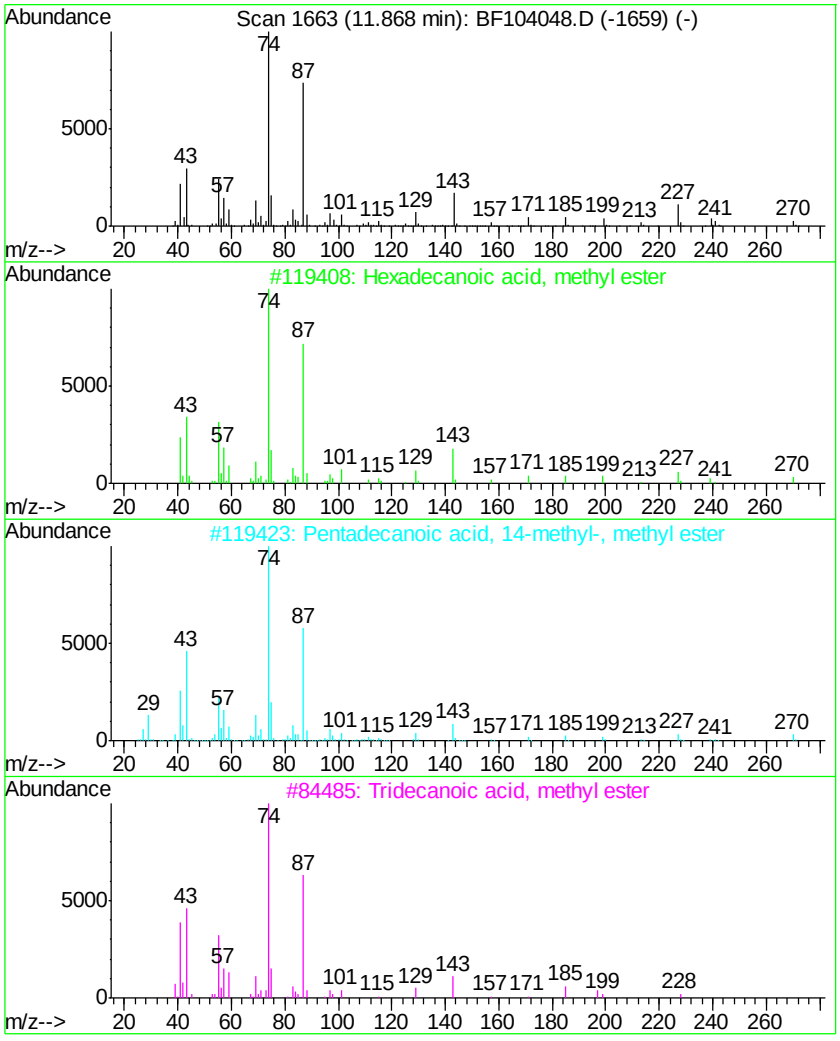
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

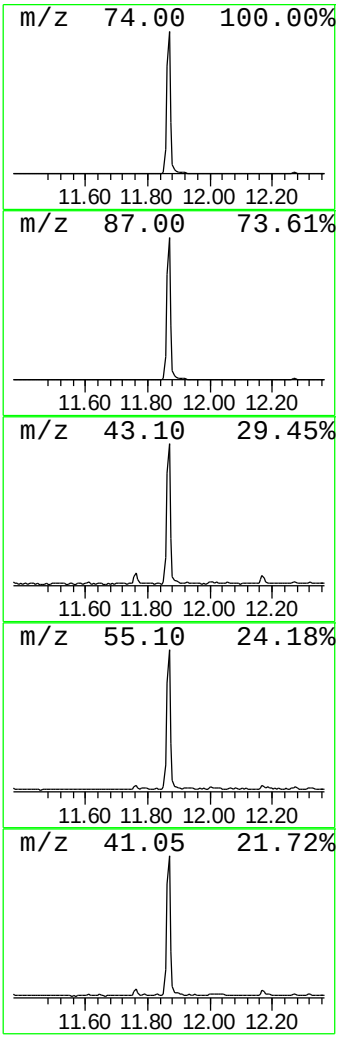
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	35.27 ng	1593030	Phenanthrene-d10	11.50

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	92
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

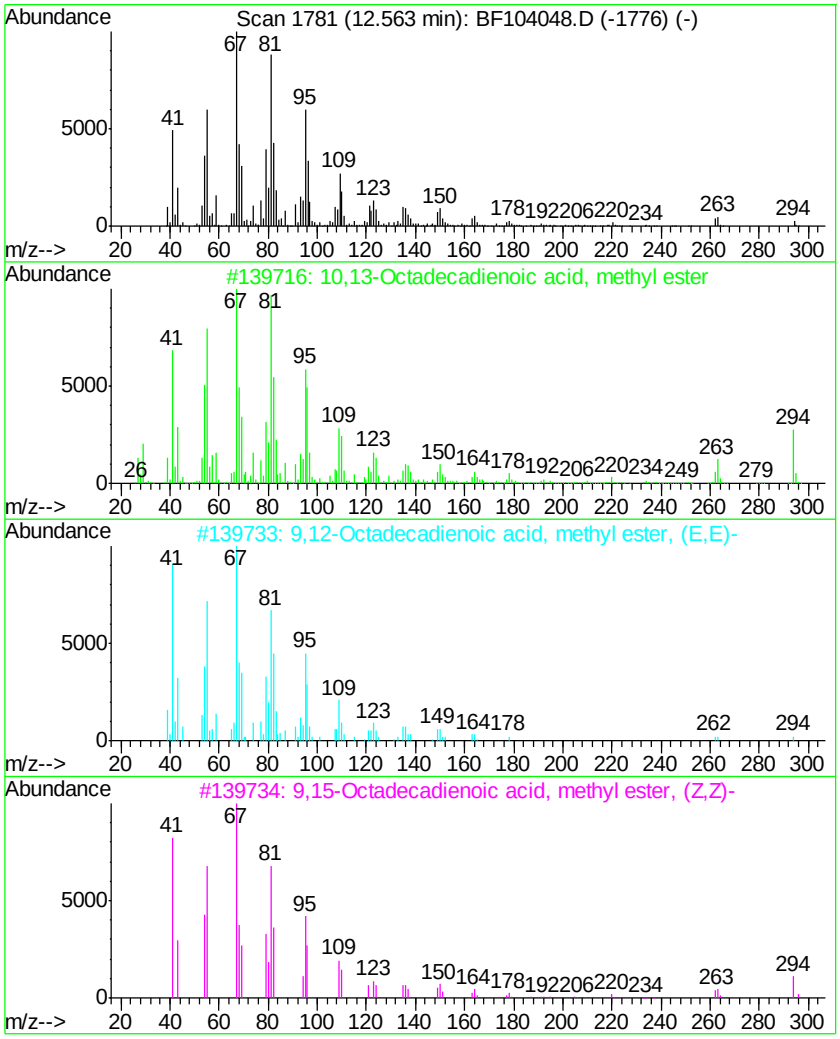
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

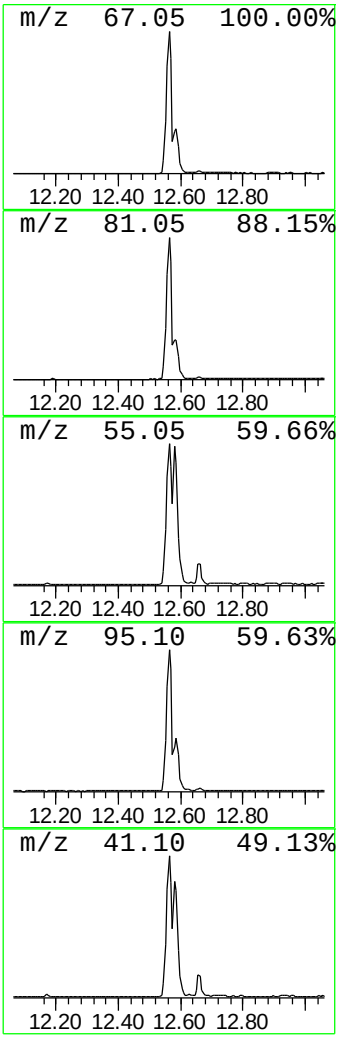
****

Peak Number 6 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	119.20 ng	5383080	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

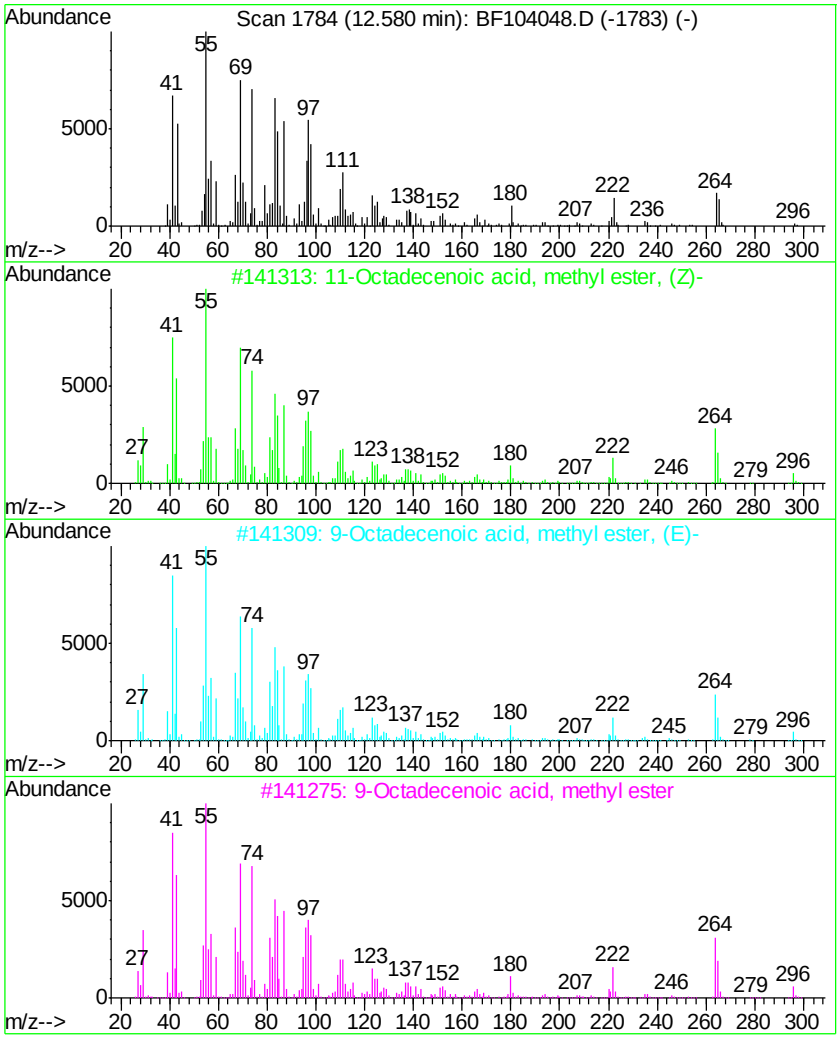
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

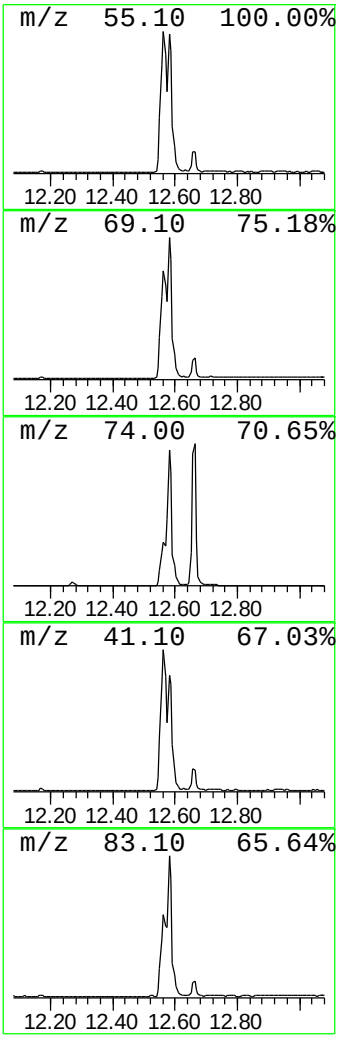
****

Peak Number 7 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	71.88 ng	3245920	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	89
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	89
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	86
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

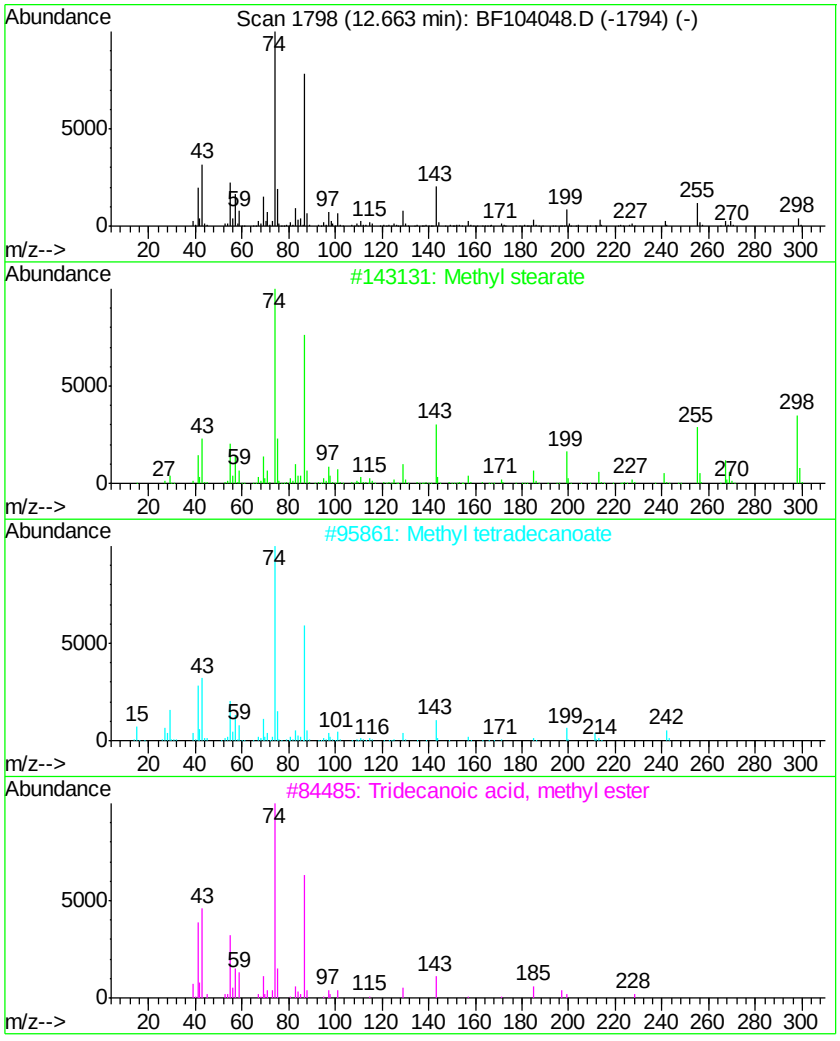
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

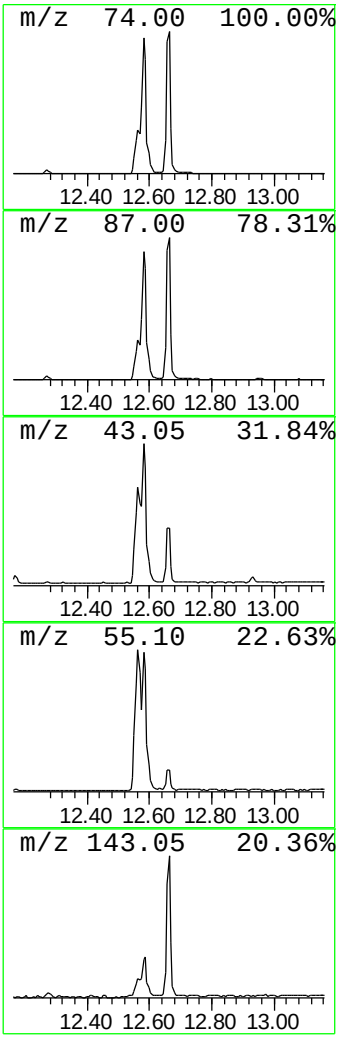
****

Peak Number 8 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	15.47 ng	698514	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032918\
Data File : BF104048.D
Acq On : 29 Mar 2018 14:03
Operator : JU/SJ
Sample : J1754-17 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-032718-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
unknown6.67	6.73	16.3	ng	522551	1	6.96	642349	20.0
Dodecane	10.41	2.8	ng	135709	3	10.00	971441	20.0
Heneicosane	10.89	3.2	ng	143779	4	11.50	903208	20.0
Hexadecanoic acid...	11.87	35.3	ng	1593030	4	11.50	903208	20.0
10,13-Octadecadie...	12.56	119.2	ng	5383080	4	11.50	903208	20.0
11-Octadecenoic a...	12.58	71.9	ng	3245920	4	11.50	903208	20.0
Methyl stearate	12.66	15.5	ng	698514	4	11.50	903208	20.0