LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-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:\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	6.957	825	828	842	rBV	318986	509897	5.75%	2.033%
2	7.110	851	854	862	rVB	70550	89030	1.00%	0.355%
3	8.198	1036	1039	1043	rBV	91430	89200	1.01%	0.356%
4	8.239	1043	1046	1051	rBV	636930	668584	7.54%	2.666%
5	8.810	1138	1143	1148	rBV	134818	134799	1.52%	0.538%
6	9.310	1224	1228	1236	rBV	152282	203053	2.29%	0.810%
7	9.375	1236	1239	1244	rVB	174999	154035	1.74%	0.614%
8	9.904	1324	1329	1334	rBV	188838	146633	1.65%	0.585%
9	9.998	1341	1345	1358	rVB	908228	945886	10.66%	3.772%
10	10.404	1411	1414	1417	rBV	196712	146732	1.65%	0.585%
11	10.792	1477	1480	1487	rBV	66333	104894	1.18%	0.418%
12	10.880	1492	1495	1504	rVB	170194	219469	2.47%	0.875%
13	11.327	1568	1571	1573	rBV	144267	109982	1.24%	0.439%
14	11.492	1595	1599	1611	rBV	711549	944694	10.65%	3.767%
15	11.757	1641	1644	1646	rBV	109467	89293	1.01%	0.356%
16	11.863	1658	1662	1665	rBV	3337545	2869112	32.34%	11.441%
17	12.563	1775	1781	1783	rBV	5279980	8870610	100.00%	35.374%
18	12.586	1783	1785	1793	rVV2	4947611	5096749	57.46%	20.324%
19	12.657	1793	1797	1801	rVV	1433762	1319502	14.87%	5.262%
20	12.710	1804	1806	1817	rVB	86627	148813	1.68%	0.593%
21	13.074	1865	1868	1876	rVB	155344	165383	1.86%	0.660%
22	13.304	1905	1907	1914	rVB2	79828	88745	1.00%	0.354%
23	13.380	1916	1920	1923	rBV	125396	118601	1.34%	0.473%
24	14.057	2032	2035	2040	rBV	104535	100495	1.13%	0.401%
25	14.157	2047	2052	2065	rBV	512860	735407	8.29%	2.933%
26	15.063	2202	2206	2212	rBV	218914	326374	3.68%	1.301%
27	15.715	2313	2317	2333	rVB	371122	680934	7.68%	2.715%

Sum of corrected areas: 25076906

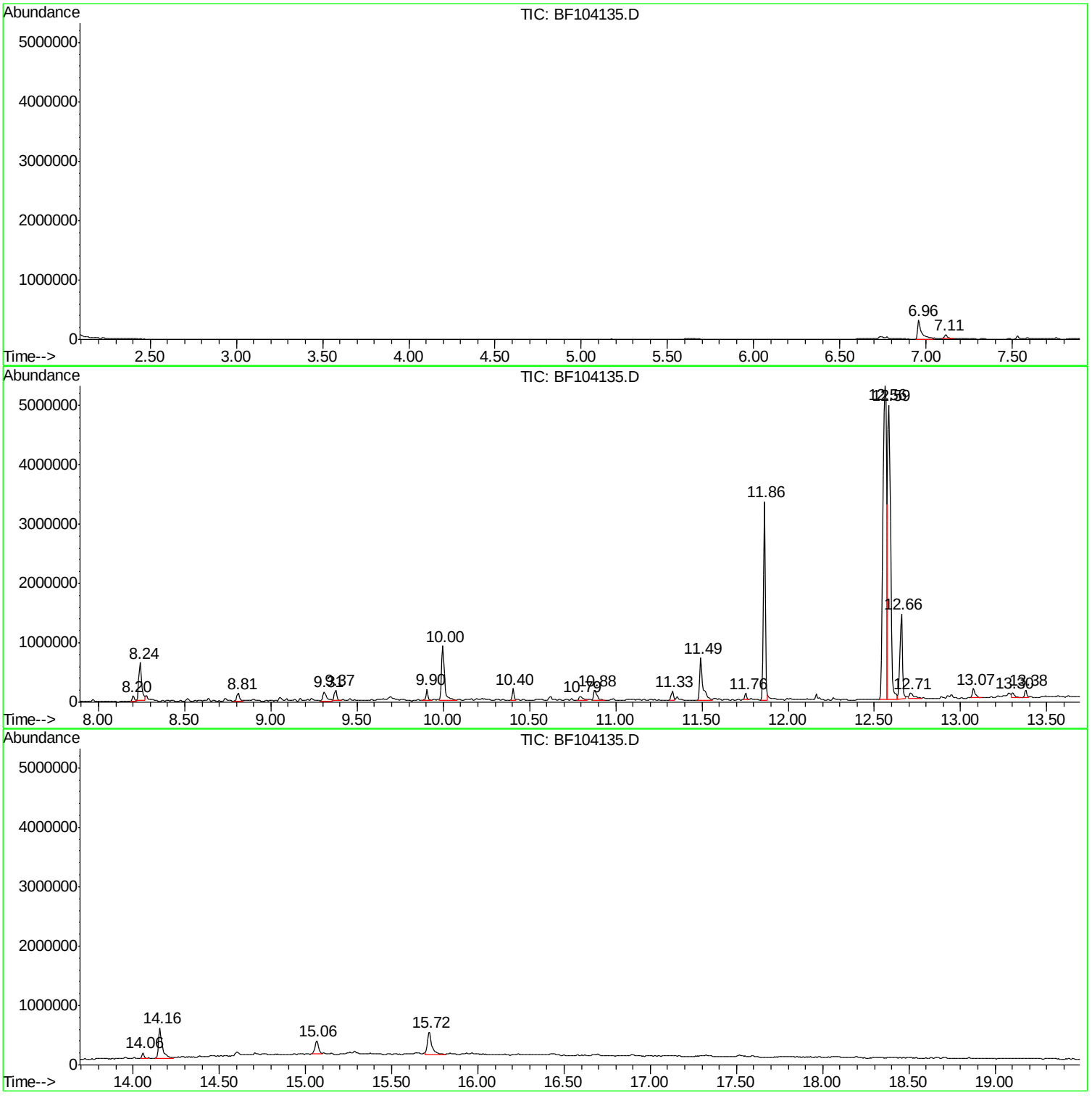
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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



Library Search Compound Report

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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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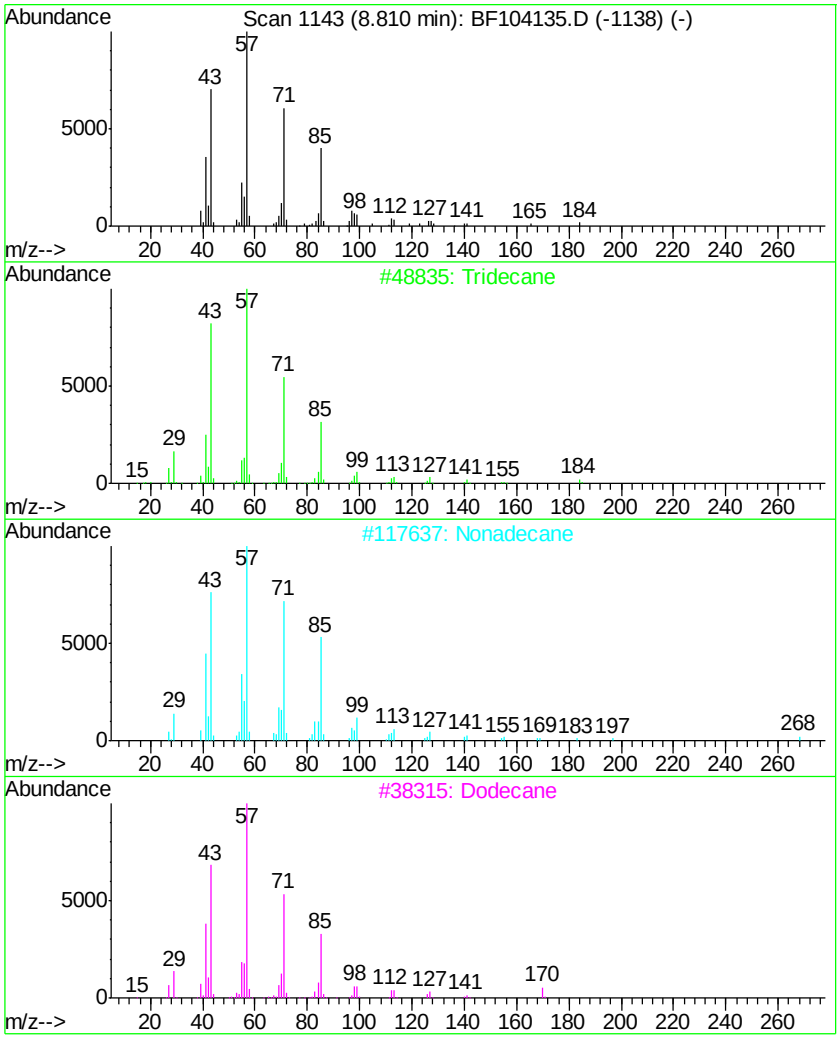
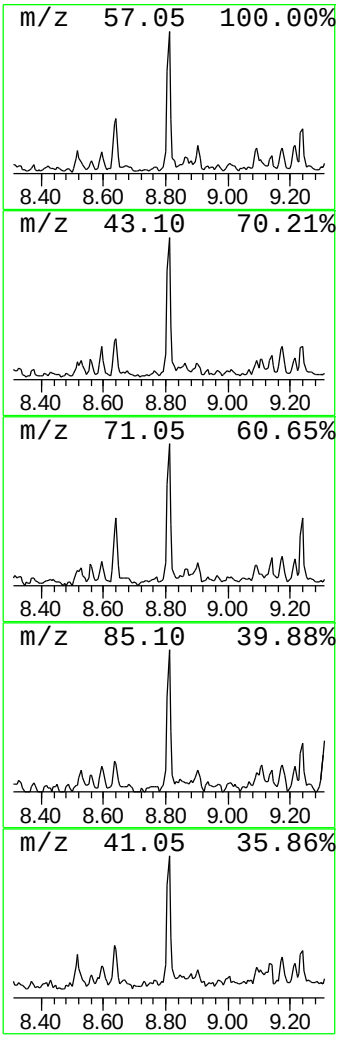
Peak Number 2 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.03 ng	134799	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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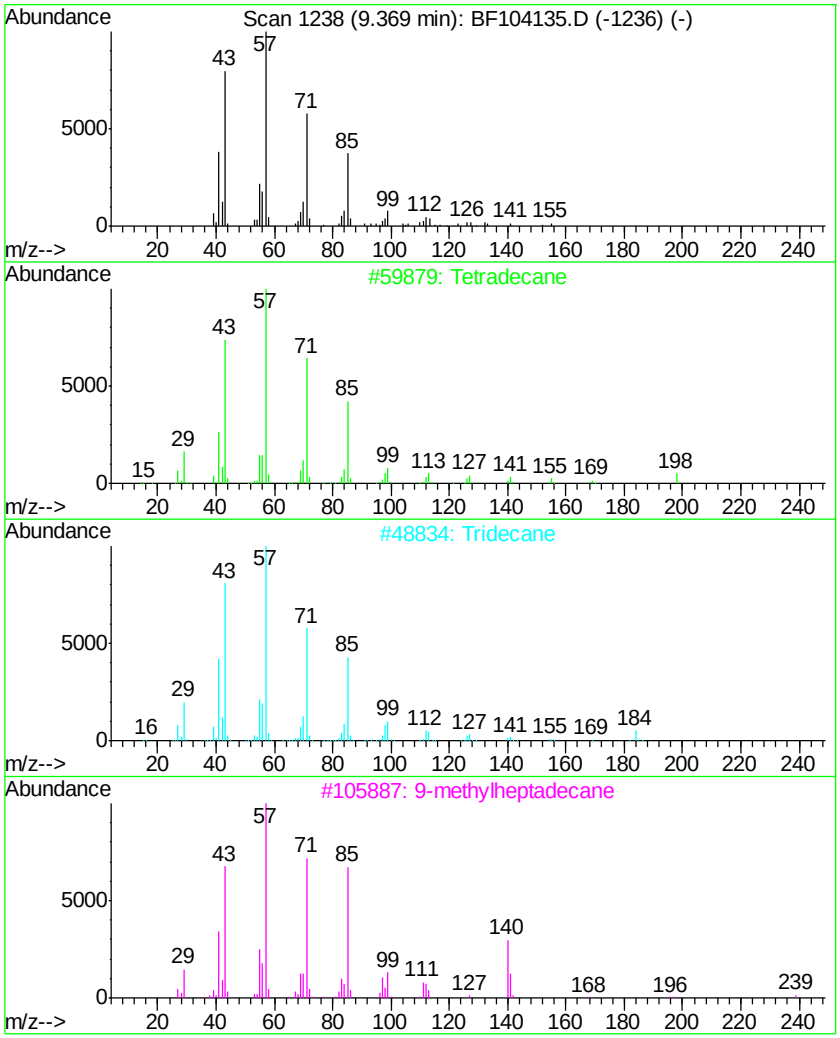
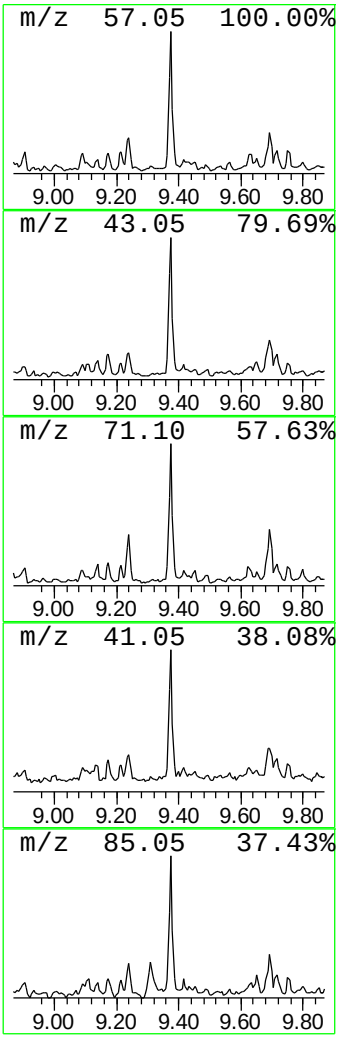
Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.26 ng	154035	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tridecane	184	C13H28	000629-50-5	83
3	9-methylheptadecane	254	C18H38	026741-18-4	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80





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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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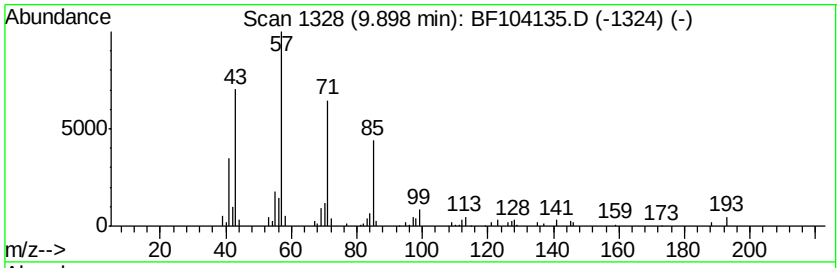
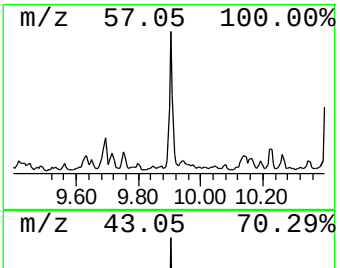
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	3.10 ng	146633	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Eicosane	282	C20H42	000112-95-8	72





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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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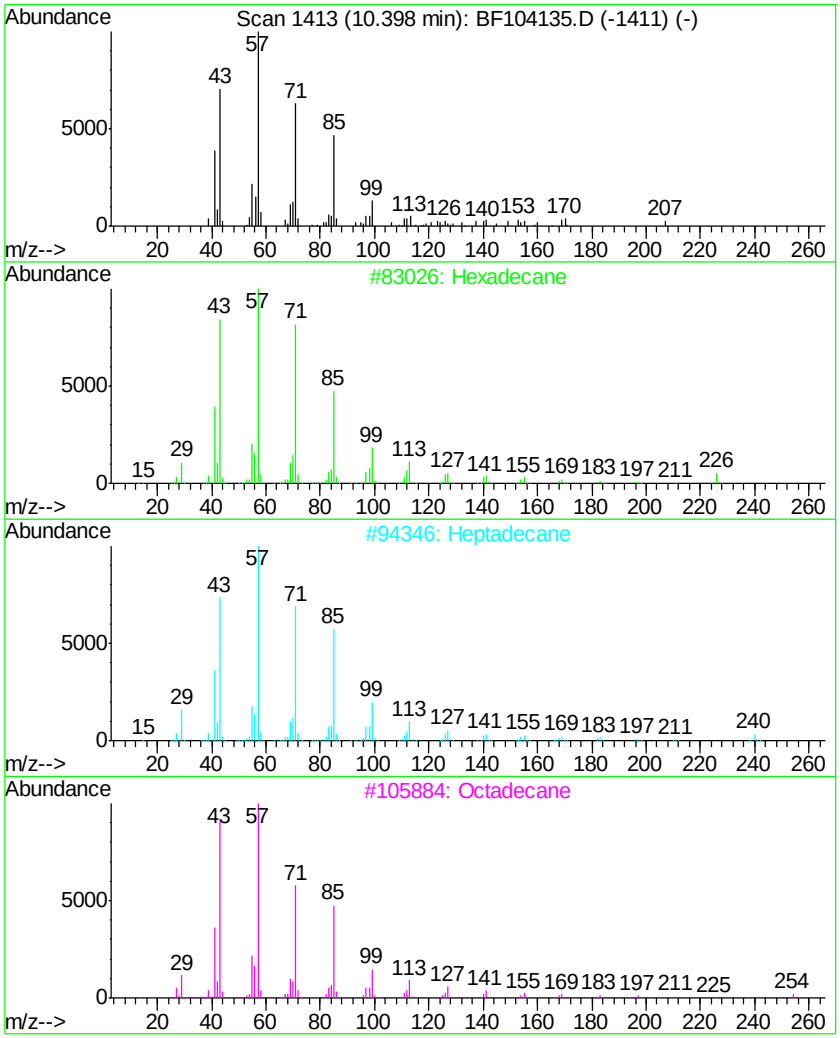
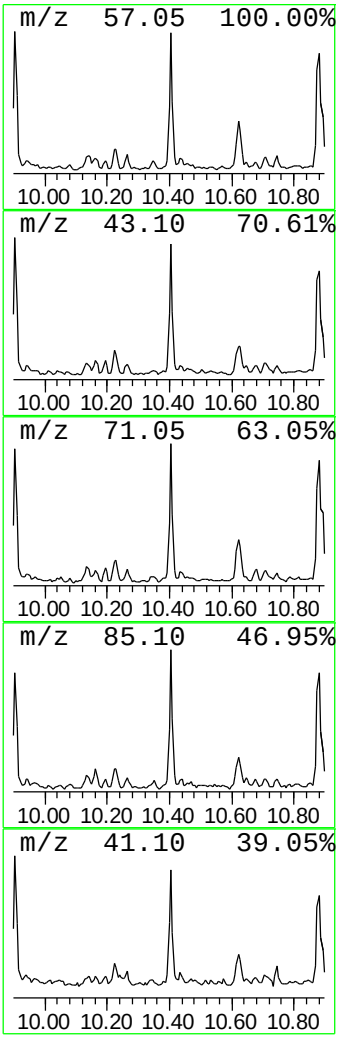
Peak Number 5 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.10 ng	146732	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





Library Search Compound Report

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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

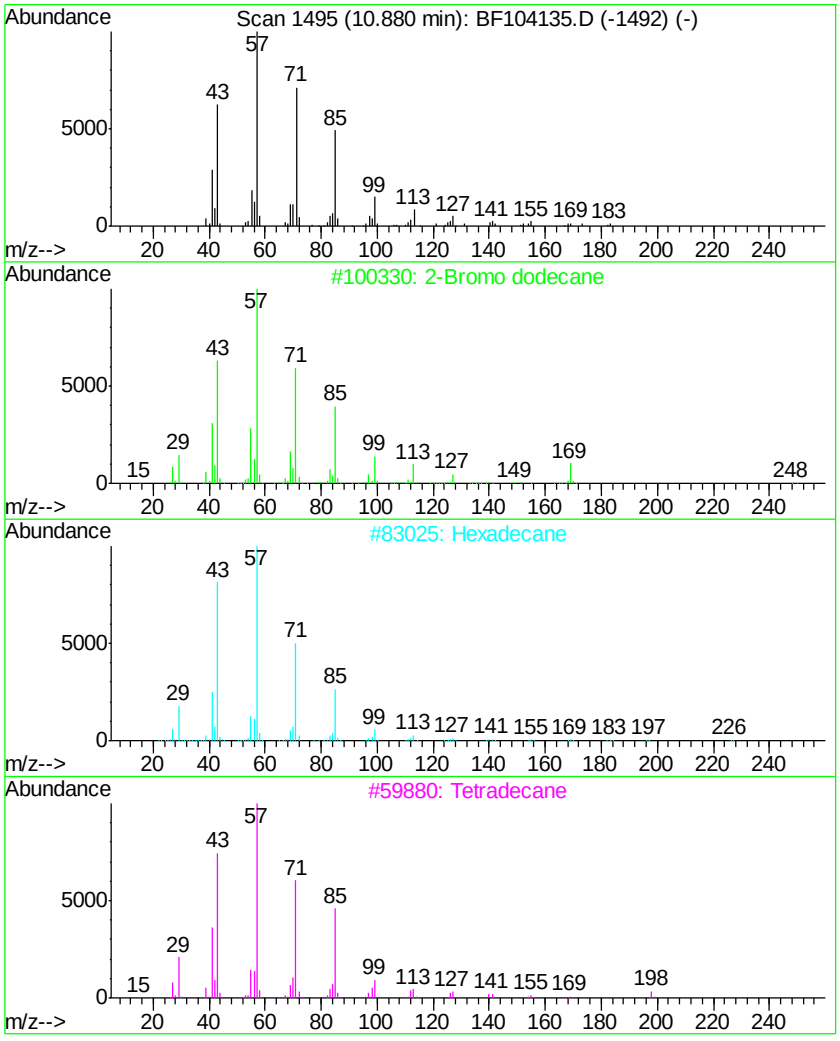
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

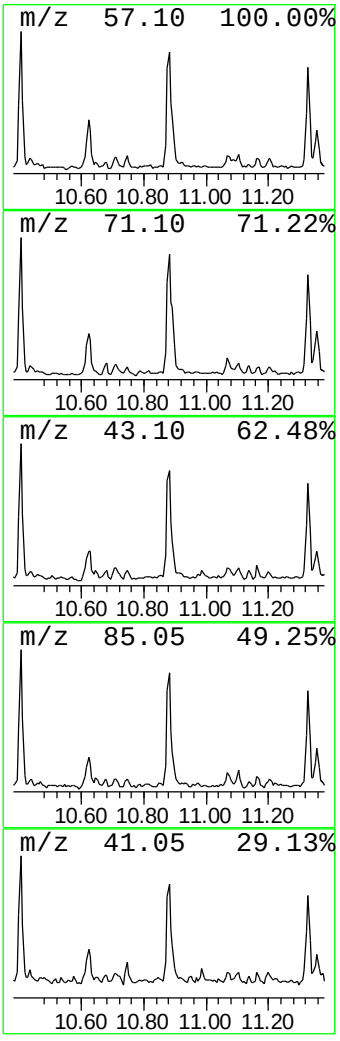
****

Peak Number 6 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.65 ng	219469	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86





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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

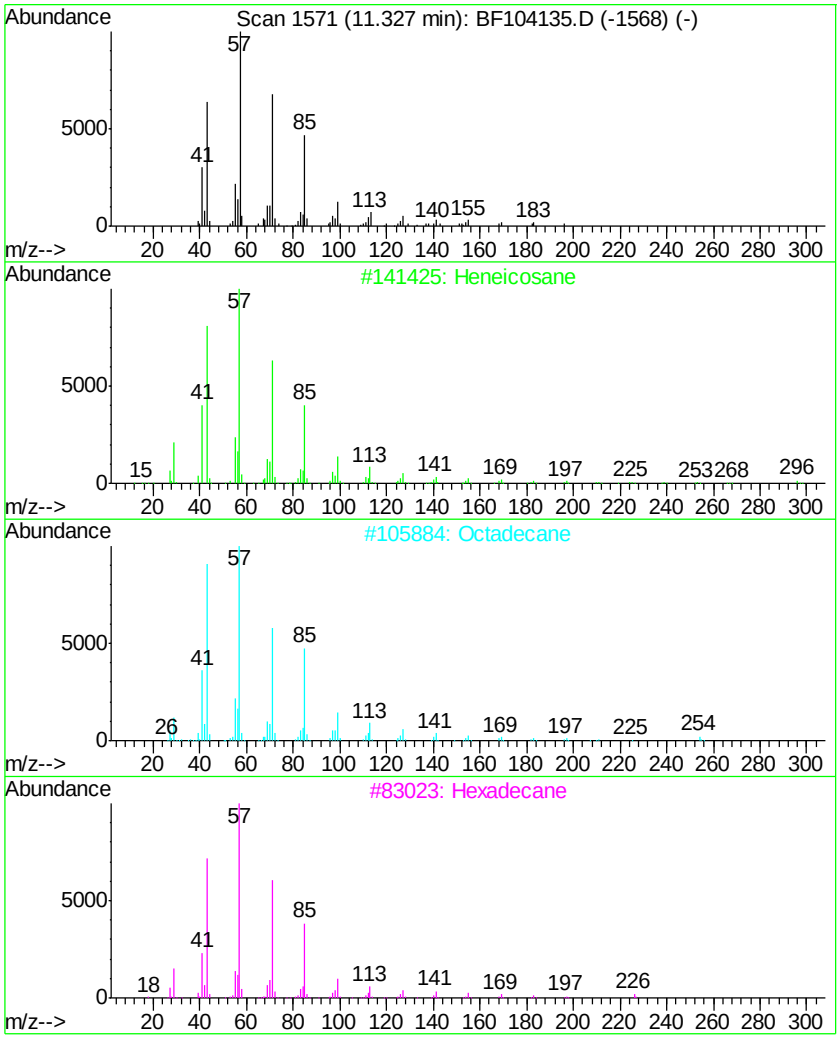
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

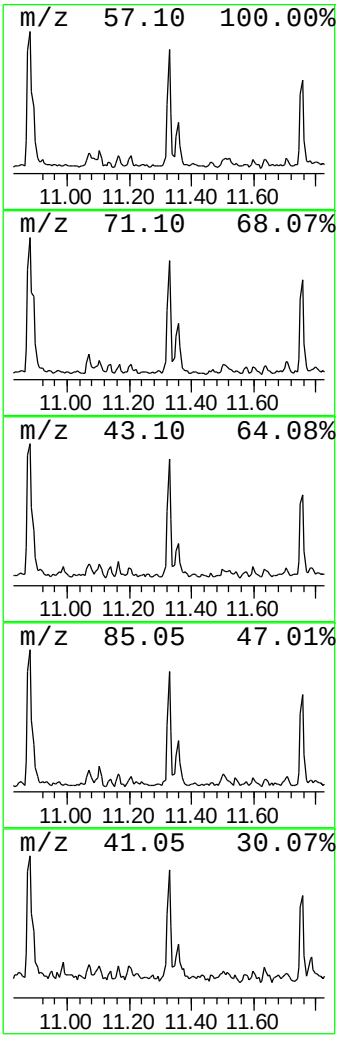
****

Peak Number 7 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.33 ng	109982	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
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Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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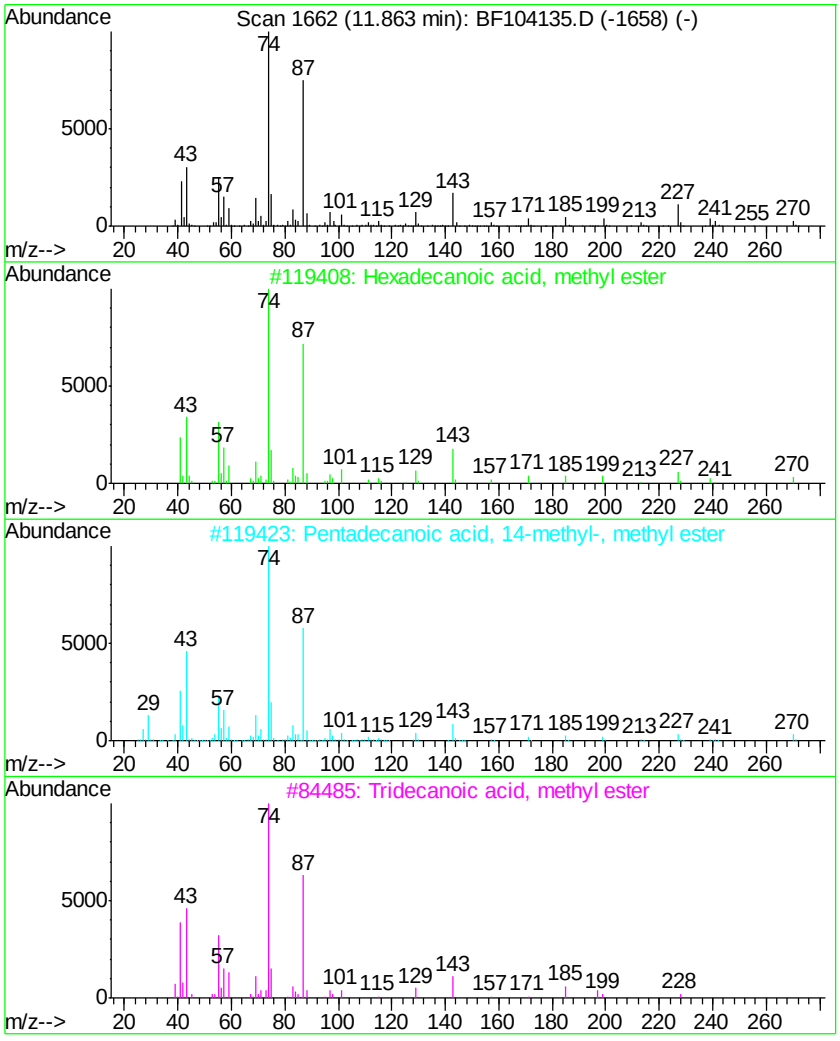
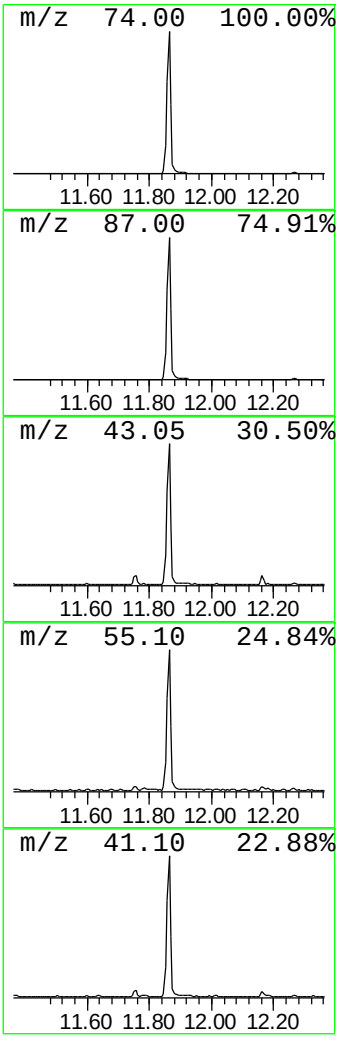
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	60.74 ng	2869110	Phenanthrene-d10	11.49

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	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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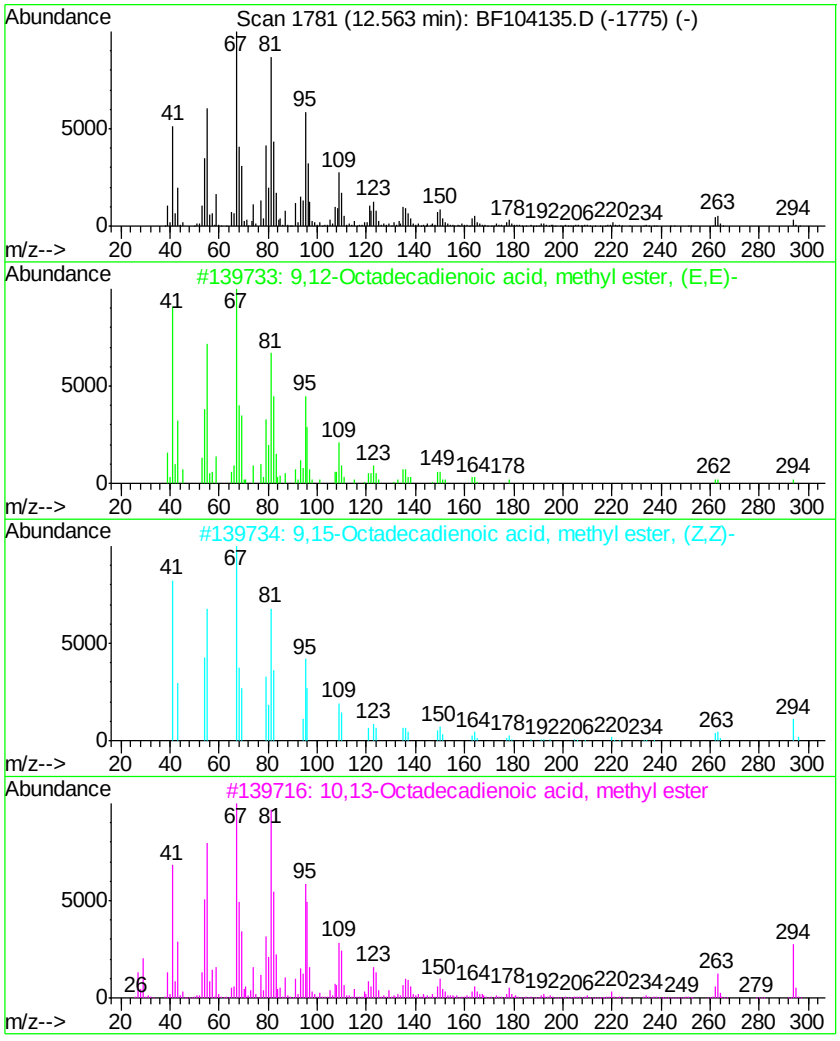
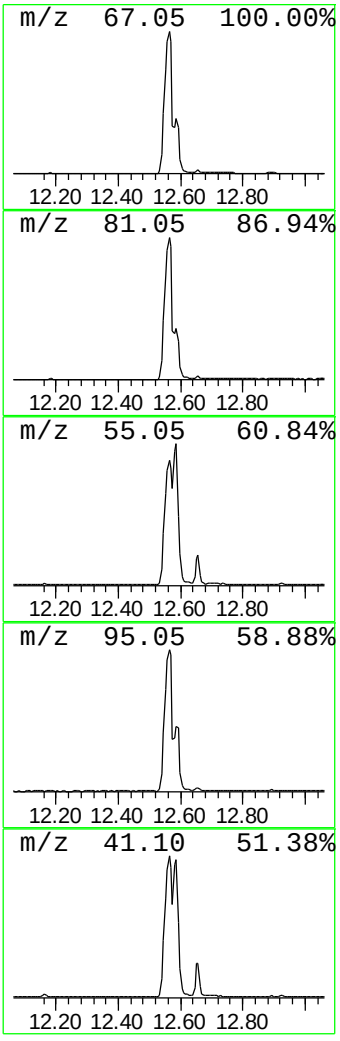
Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	187.80 ng	8870610	Phenanthrene-d10	11.49

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	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	98





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

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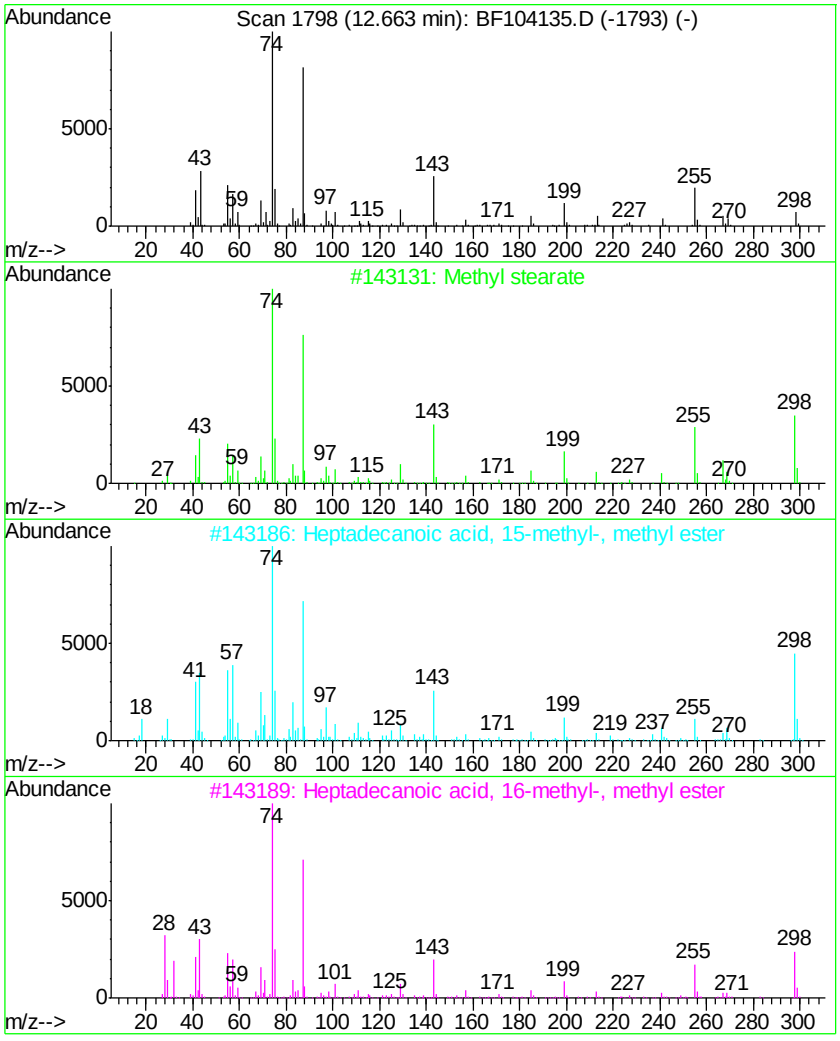
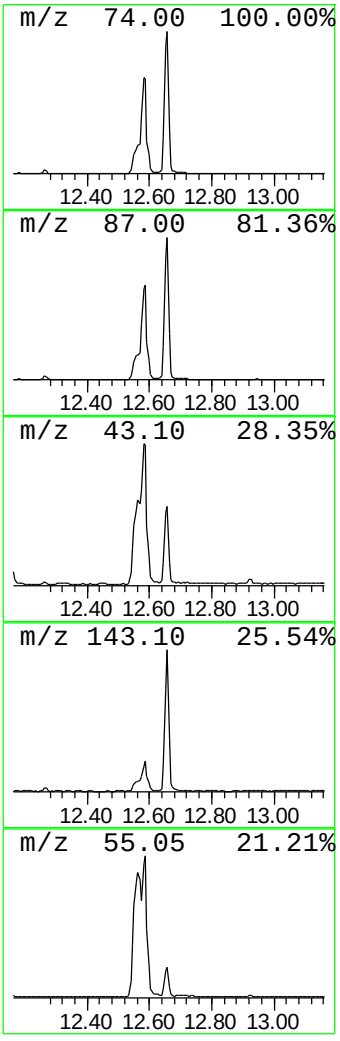
Peak Number 11 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	27.94 ng	1319500	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Data File : BF104135.D
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Operator : JU/SJ
Sample : J1757-11 10X
Misc :
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Instrument : BNA_F
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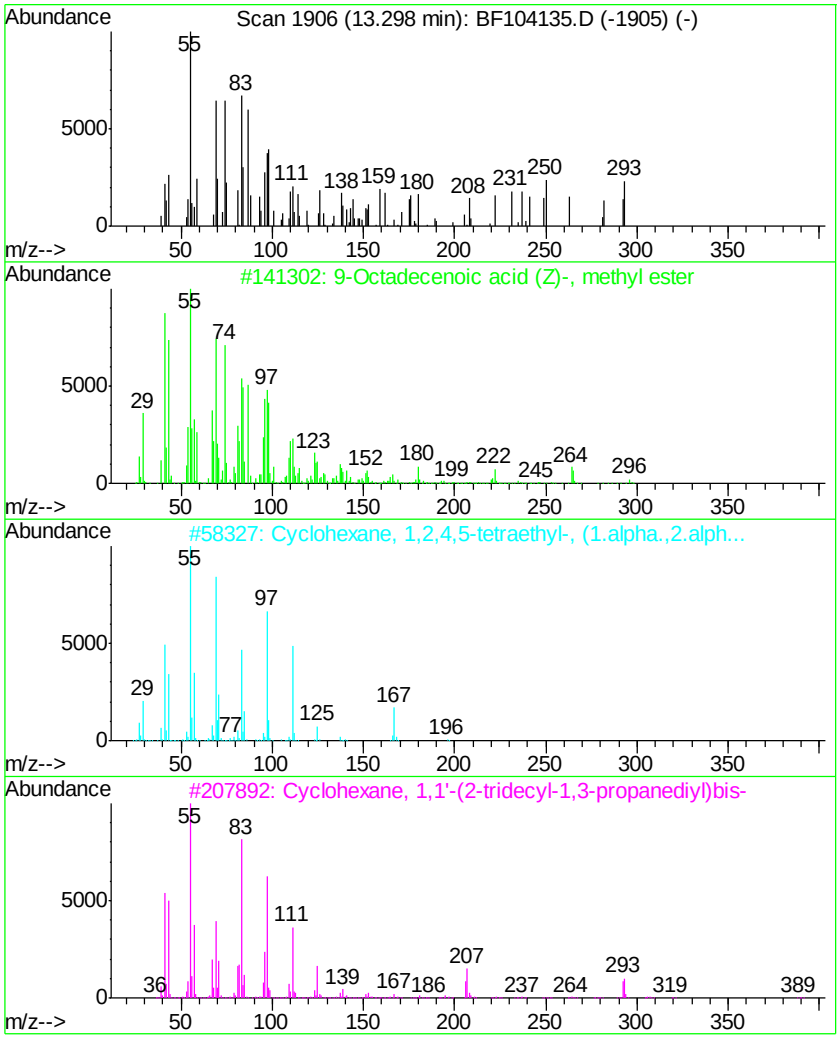
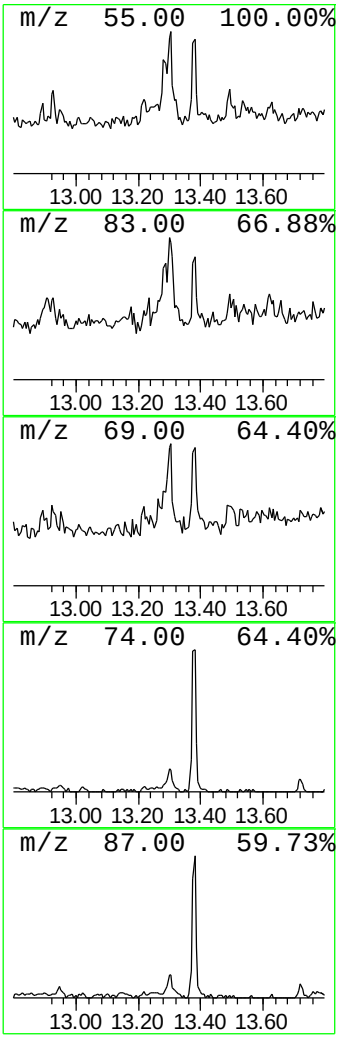
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.41 ng	88745	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	43
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	22
3	Cyclohexane, 1,1'-(2-tridecyl-1,...	390	C28H54	055255-74-8	22
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	22
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	22





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Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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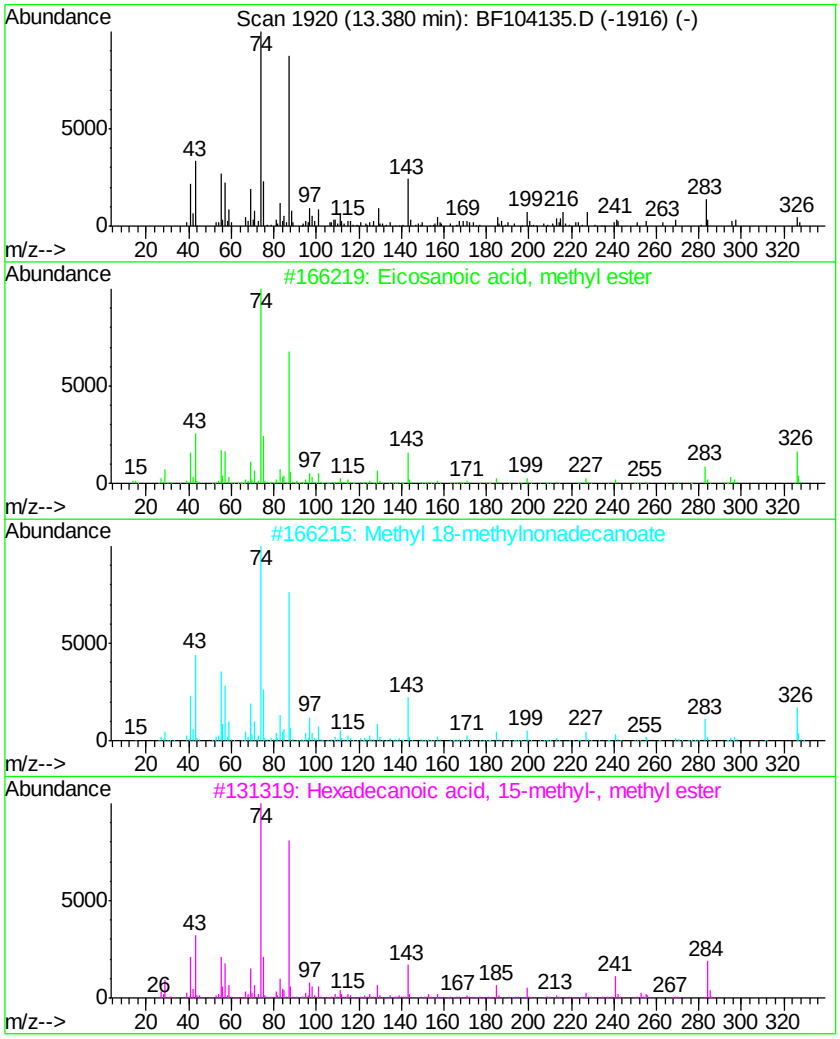
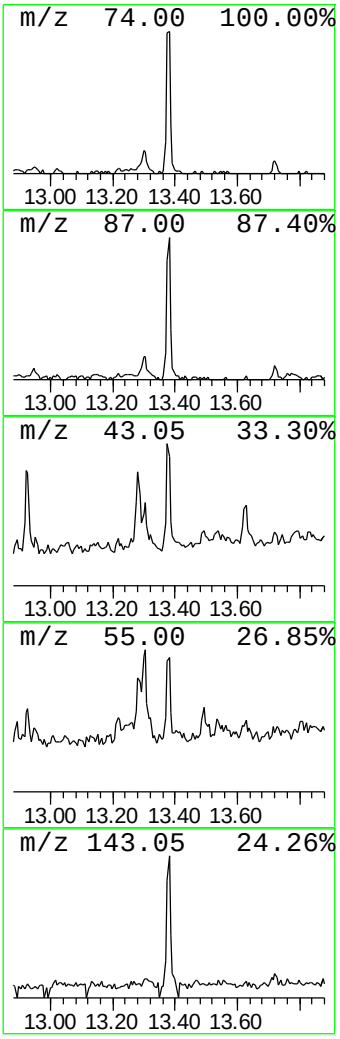
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	3.23 ng	118601	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	90





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Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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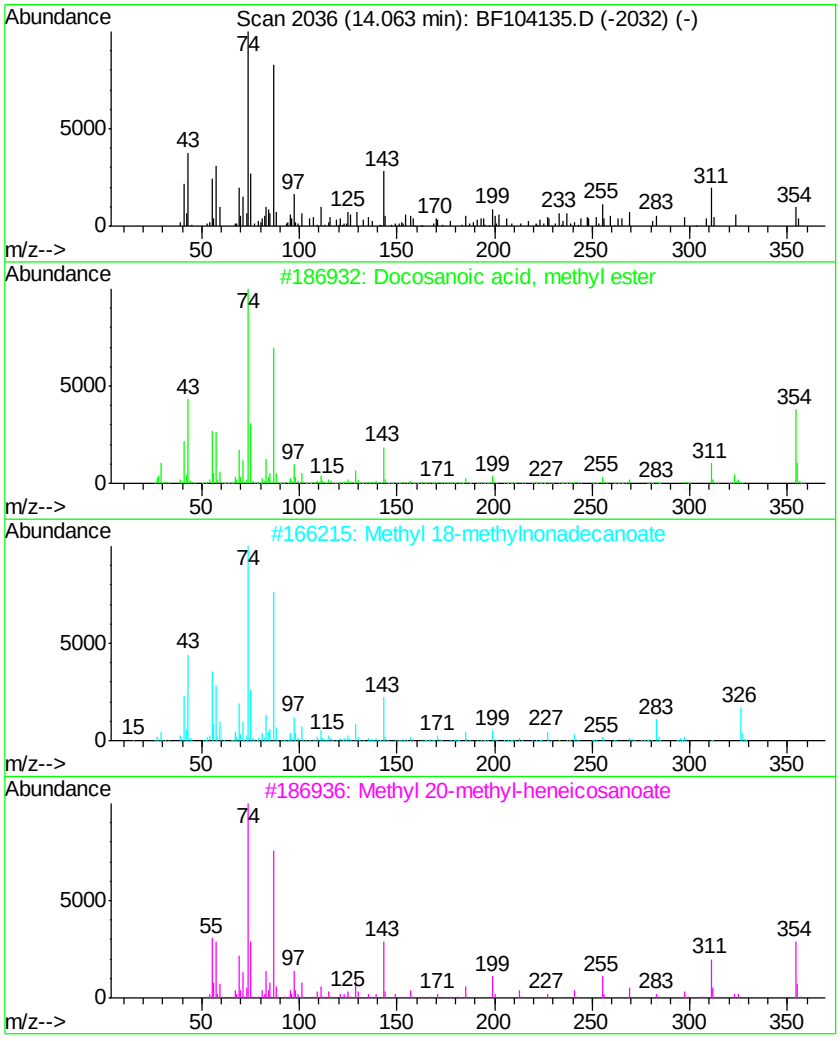
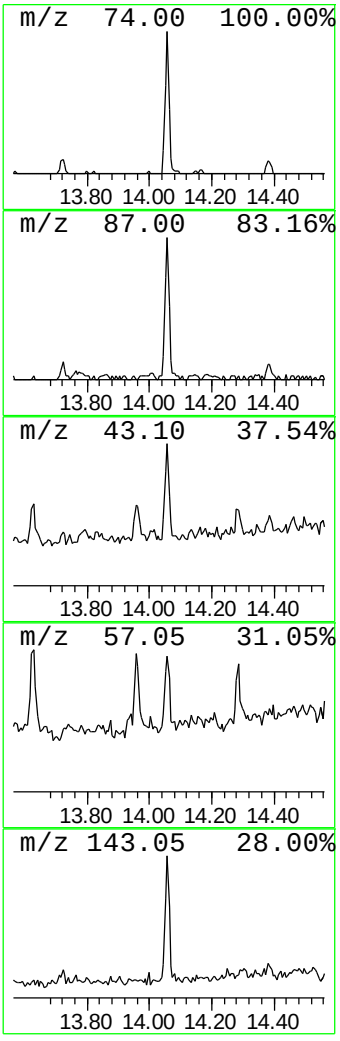
Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	2.73 ng	100495	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	94
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
5	Methyl stearate	298	C19H38O2	000112-61-8	87





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Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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

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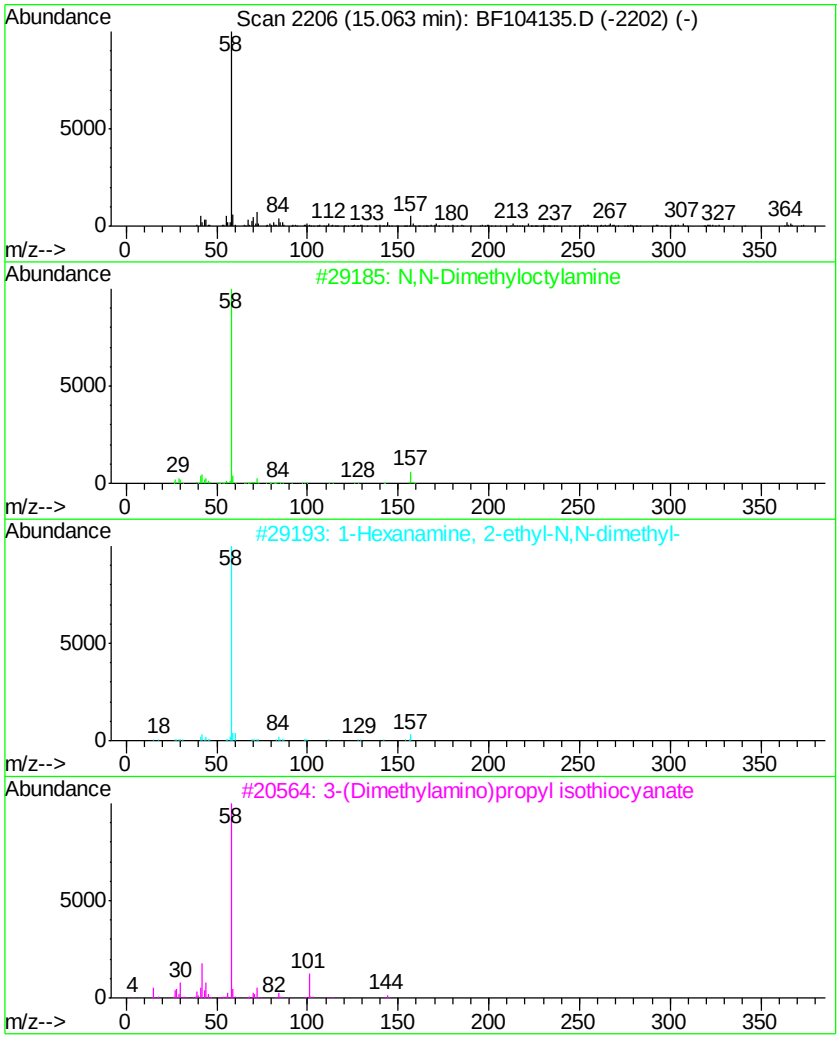
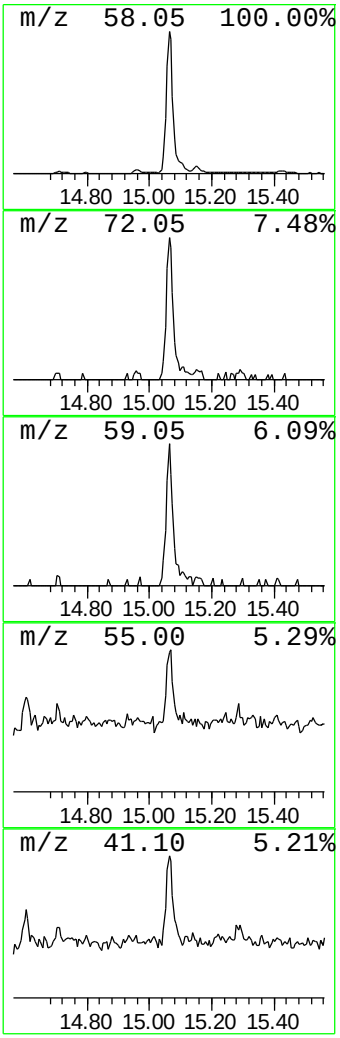
Peak Number 16 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	9.59 ng	326374	Perylene-d12	15.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
4	2-Trifluoromethylbenzoic acid, 2...	261	C12H14F3NO2	1000331-16-2	64
5	Benzeneacetamide, N-methyl-N-[2-...	307	C16H25N3O3	1000193-49-1	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF040218\
Data File : BF104135.D
Acq On : 2 Apr 2018 15:15
Operator : JU/SJ
Sample : J1757-11 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-033018-C

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
Tridecane	8.81	4.0	ng	134799	2	8.24	668584	20.0
Tetradecane	9.37	3.3	ng	154035	3	10.00	945886	20.0
Pentadecane	9.90	3.1	ng	146633	3	10.00	945886	20.0
Hexadecane	10.40	3.1	ng	146732	3	10.00	945886	20.0
2-Bromo dodecane	10.88	4.7	ng	219469	4	11.49	944694	20.0
Heneicosane	11.33	2.3	ng	109982	4	11.49	944694	20.0
Hexadecanoic acid...	11.86	60.7	ng	2869110	4	11.49	944694	20.0
9,12-Octadecadien...	12.56	187.8	ng	8870610	4	11.49	944694	20.0
Methyl stearate	12.66	27.9	ng	1319500	4	11.49	944694	20.0
9-Octadecenoic ac...	13.30	2.4	ng	88745	5	14.16	735407	20.0
Eicosanoic acid, ...	13.38	3.2	ng	118601	5	14.16	735407	20.0
Docosanoic acid, ...	14.06	2.7	ng	100495	5	14.16	735407	20.0
N,N-Dimethyloctyl...	15.06	9.6	ng	326374	6	15.72	680934	20.0