LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

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-BF012218.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	4.928	479	483	495	rVB	175235	278171	7.19%	0.876%
2	5.334	547	552	555	rBV	3320396	3660468	94.62%	11.534%
3	6.363	721	727	739	rBV	2965254	3866382	99.95%	12.183%
4	6.492	743	749	752	rBV	3600589	3712413	95.97%	11.697%
5	6.716	783	787	794	rBV	971173	796108	20.58%	2.508%
6	6.875	809	814	817	rBV	3067822	2894406	74.82%	9.120%
7	7.286	878	884	887	rBV	2278617	2332778	60.30%	7.350%
8	7.998	1001	1005	1017	rBV	1204514	1058044	27.35%	3.334%
9	9.074	1183	1188	1191	rBV	3903388	3868410	100.00%	12.189%
10	9.469	1251	1255	1263	rBV	647646	537910	13.91%	1.695%
11	9.680	1288	1291	1295	rBV	114787	91785	2.37%	0.289%
12	9.751	1299	1303	1312	rVB	1175805	1019385	26.35%	3.212%
13	10.180	1373	1376	1379	rVB	129375	101796	2.63%	0.321%
14	10.398	1407	1413	1416	rBV	36058	43714	1.13%	0.138%
15	10.539	1433	1437	1449	rVB	1703987	1768020	45.70%	5.571%
16	10.651	1453	1456	1465	rVB	112179	110744	2.86%	0.349%
17	11.098	1529	1532	1535	rBV	52542	44795	1.16%	0.141%
18	11.233	1551	1555	1562	rBV	905510	809778	20.93%	2.552%
19	12.821	1821	1825	1829	rBV	2572029	2568605	66.40%	8.093%
20	13.715	1973	1977	1981	rBV	375292	415478	10.74%	1.309%
21	13.874	1996	2004	2010	rBV	777402	765411	19.79%	2.412%
22	14.351	2080	2085	2089	rBV6	37514	54032	1.40%	0.170%
23	15.298	2241	2246	2255	rBV	512814	696977	18.02%	2.196%
24	15.721	2315	2318	2324	rBV	54465	83777	2.17%	0.264%
25	16.198	2395	2399	2405	rVB2	56253	84145	2.18%	0.265%
26	16.756	2488	2494	2498	rBV3	37388	73332	1.90%	0.231%

Sum of corrected areas: 31736864

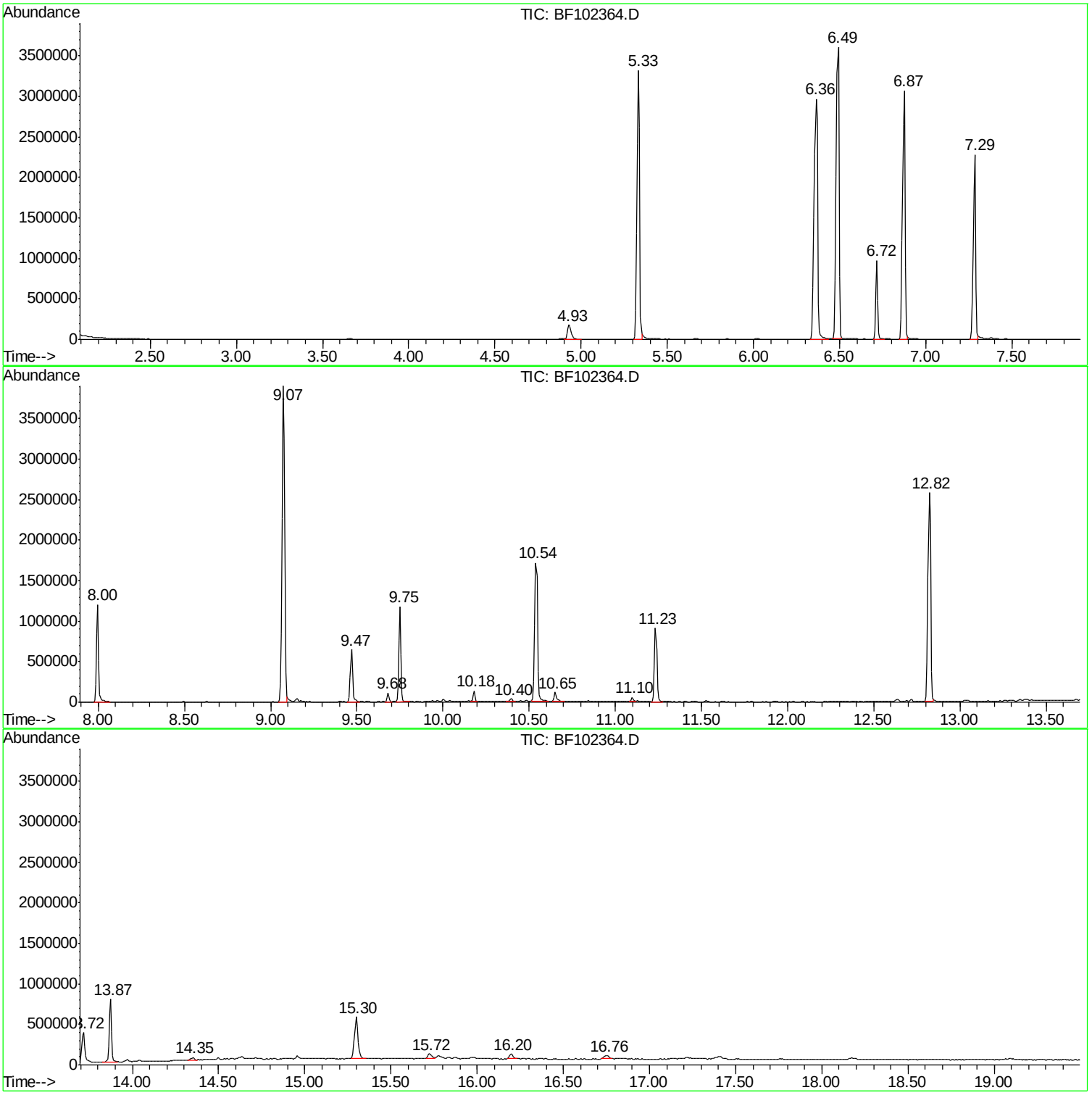
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

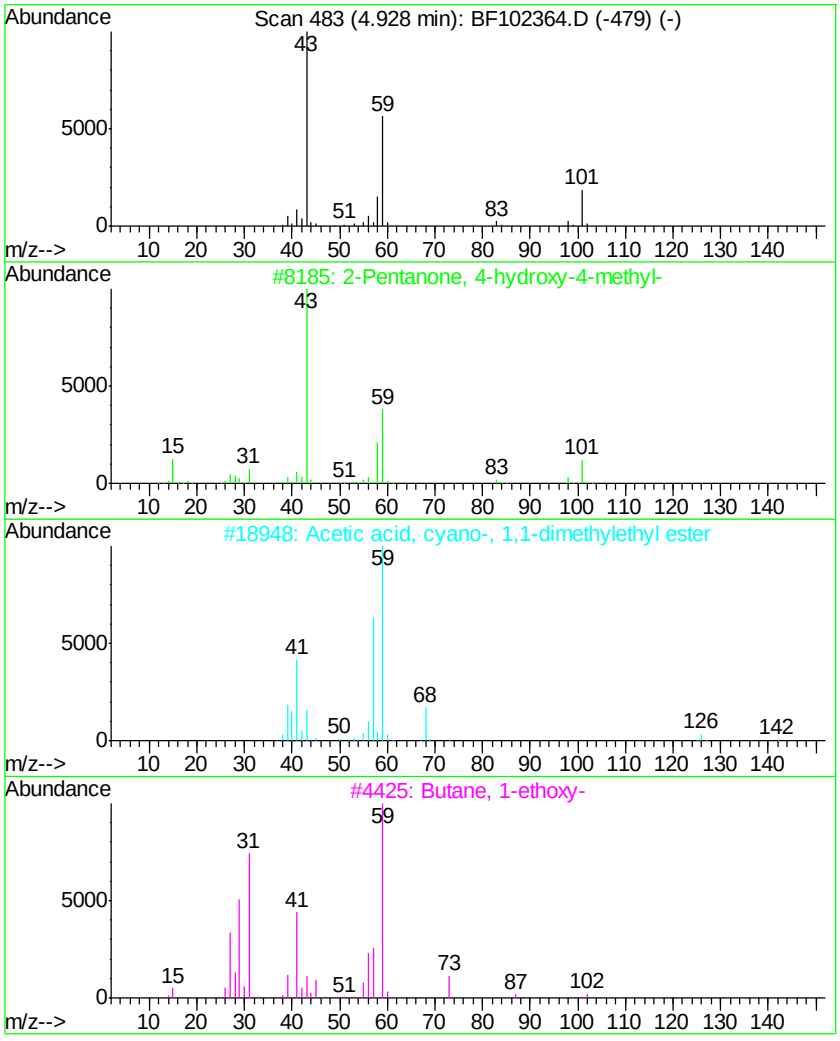
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

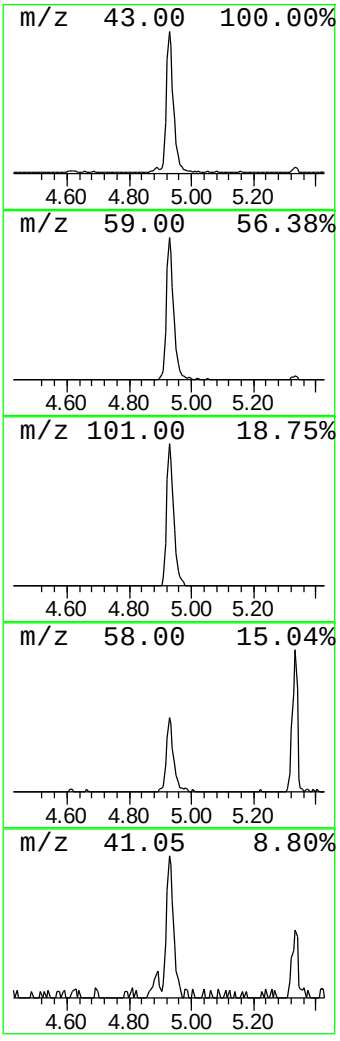
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.99 ng	278171	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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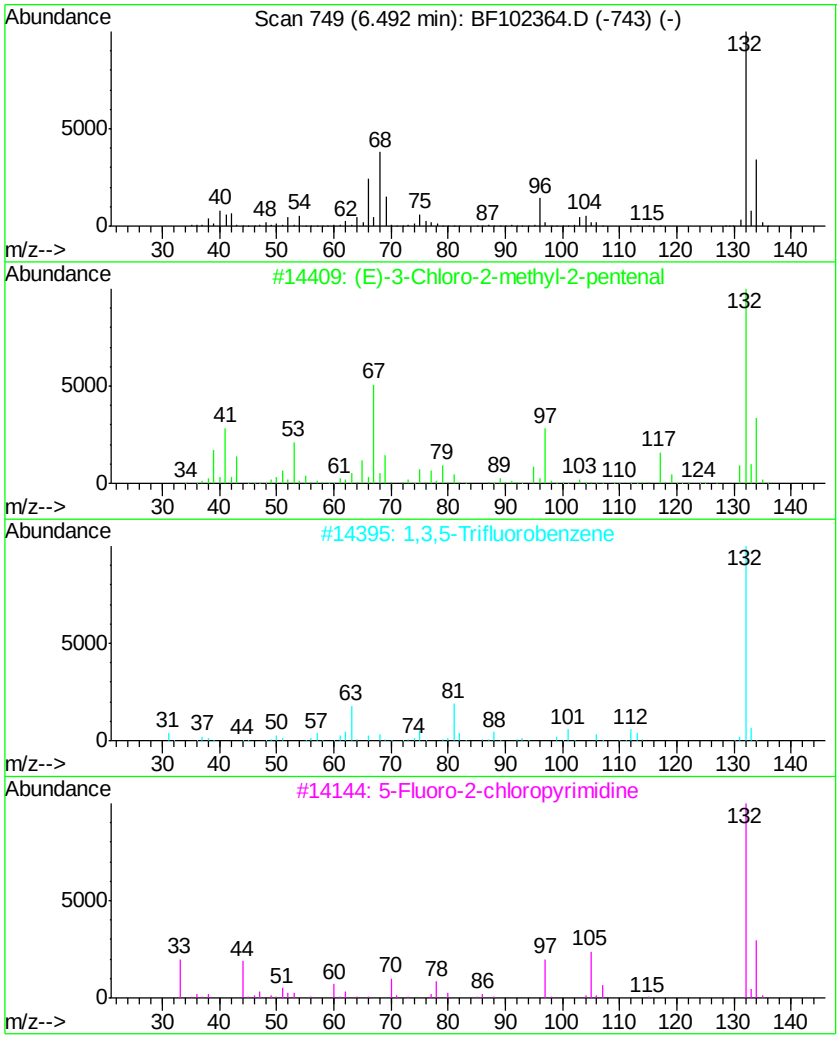
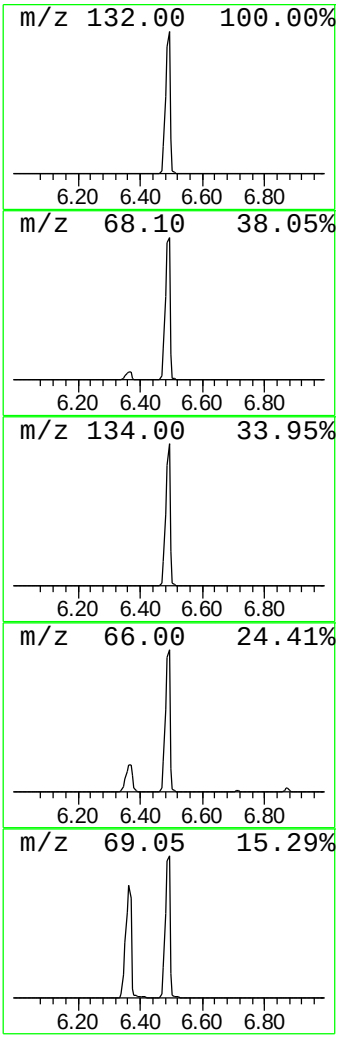
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	93.26 ng	3712410	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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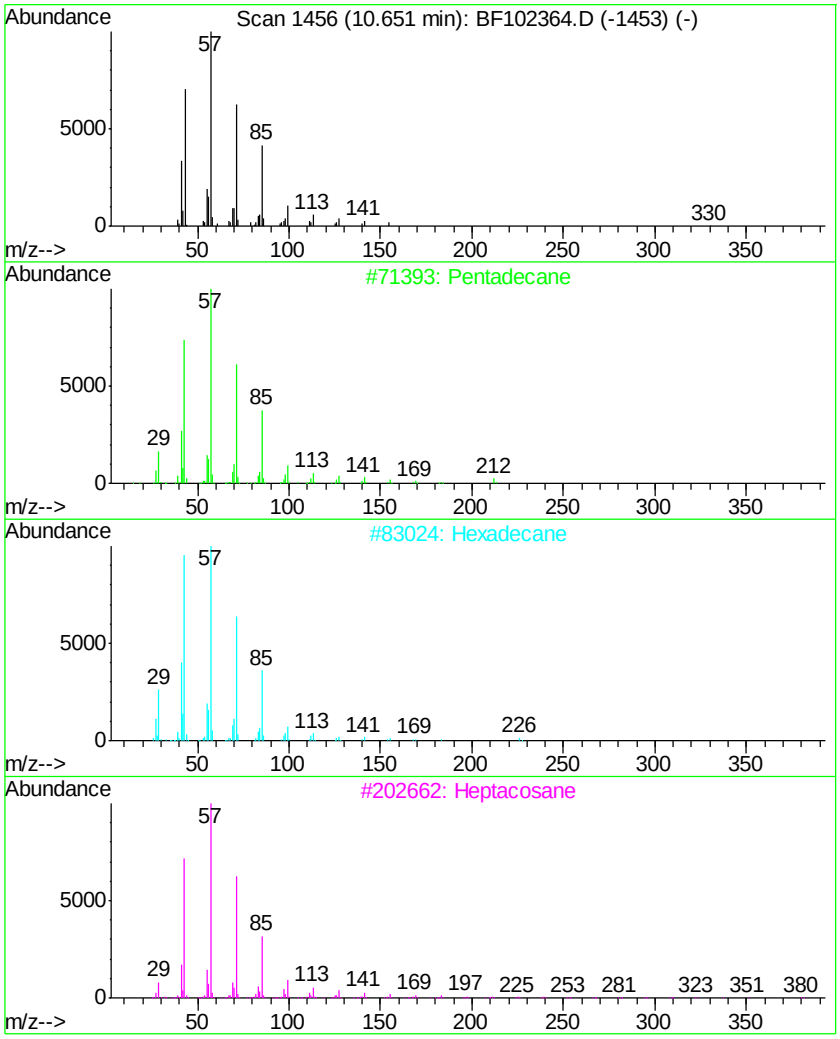
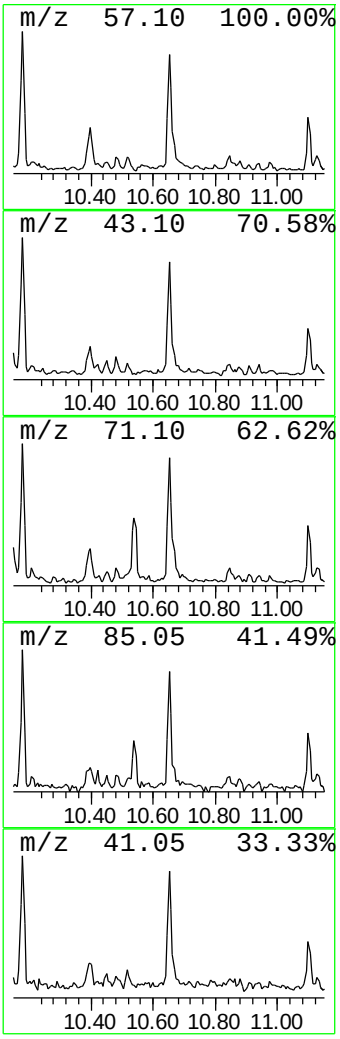
Peak Number 4 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.74 ng	110744	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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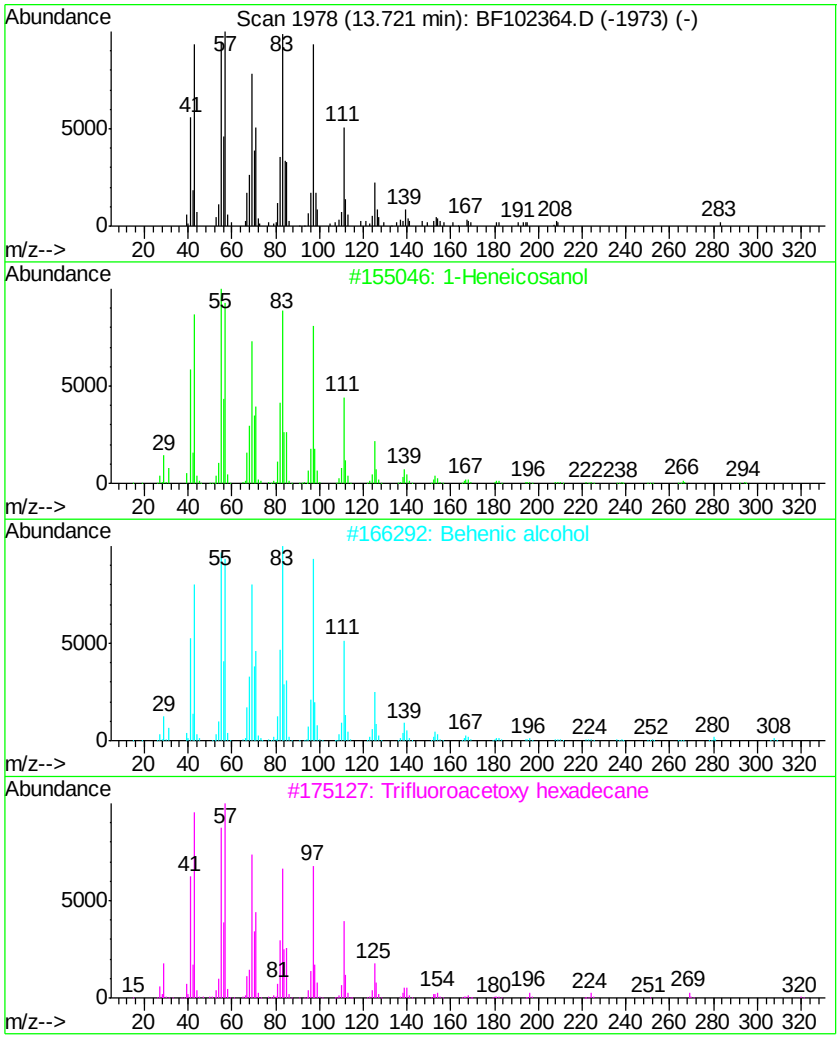
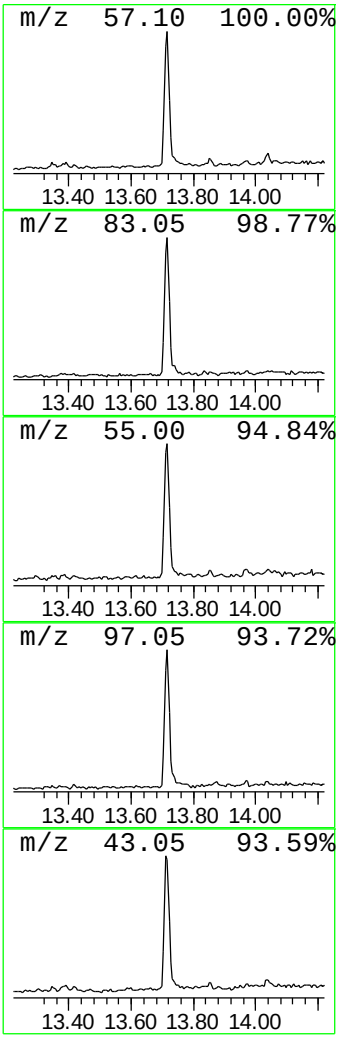
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	10.86 ng	415478	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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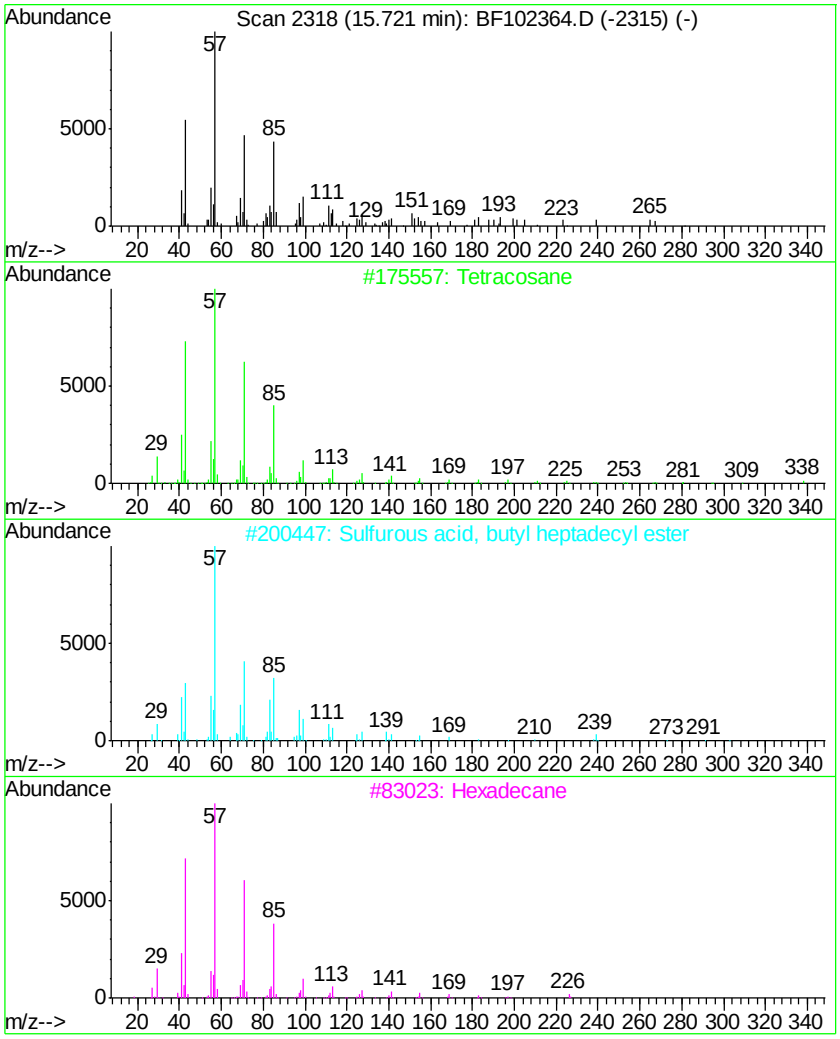
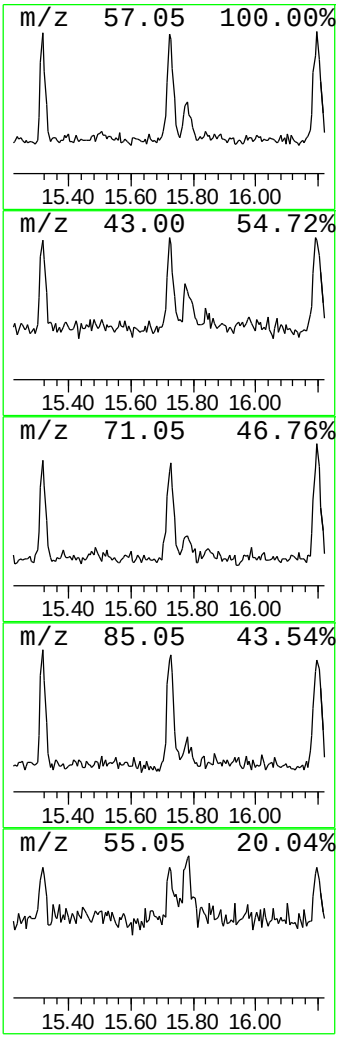
Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.40 ng	83777	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	68
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Octadecane	254	C18H38	000593-45-3	64
5	10-Methylnonadecane	282	C20H42	056862-62-5	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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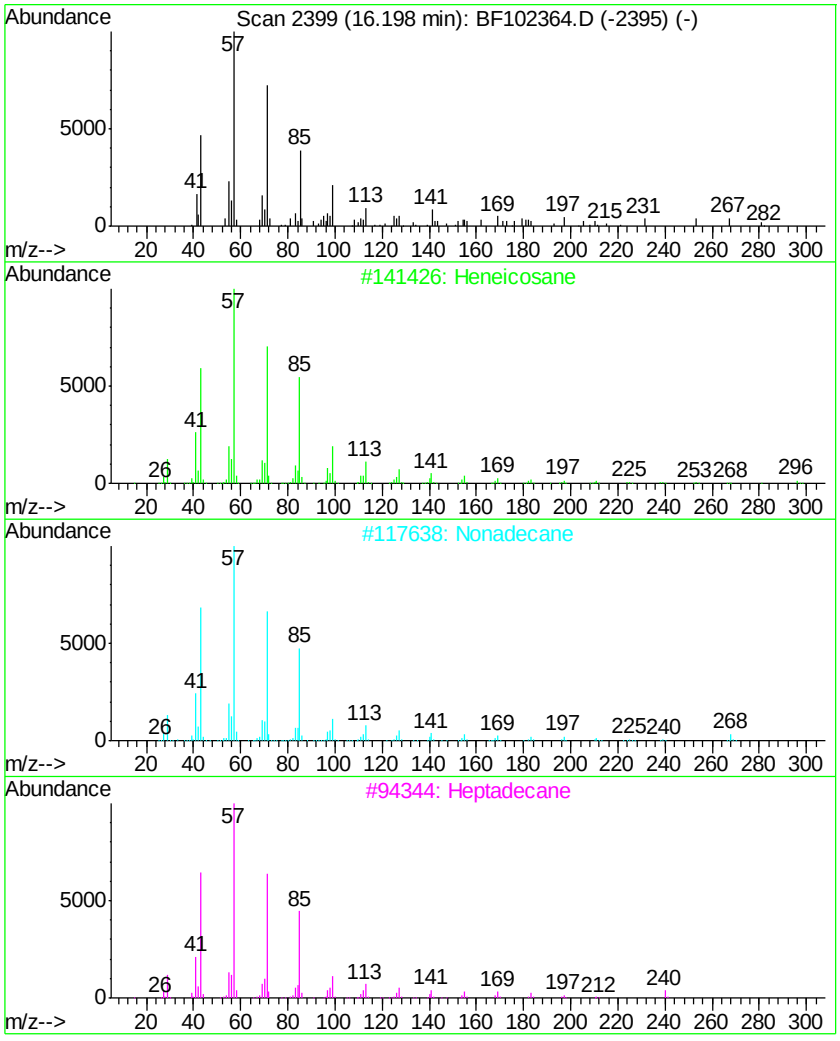
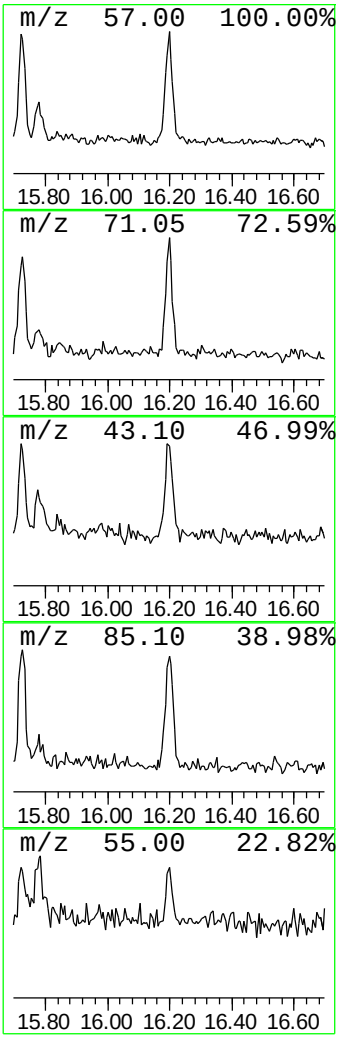
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.41 ng	84145	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	Nonadecane	268	C19H40	000629-92-5	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetratetracontane	619	C44H90	007098-22-8	72





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Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
Operator : SJ/JU
Sample : J1241-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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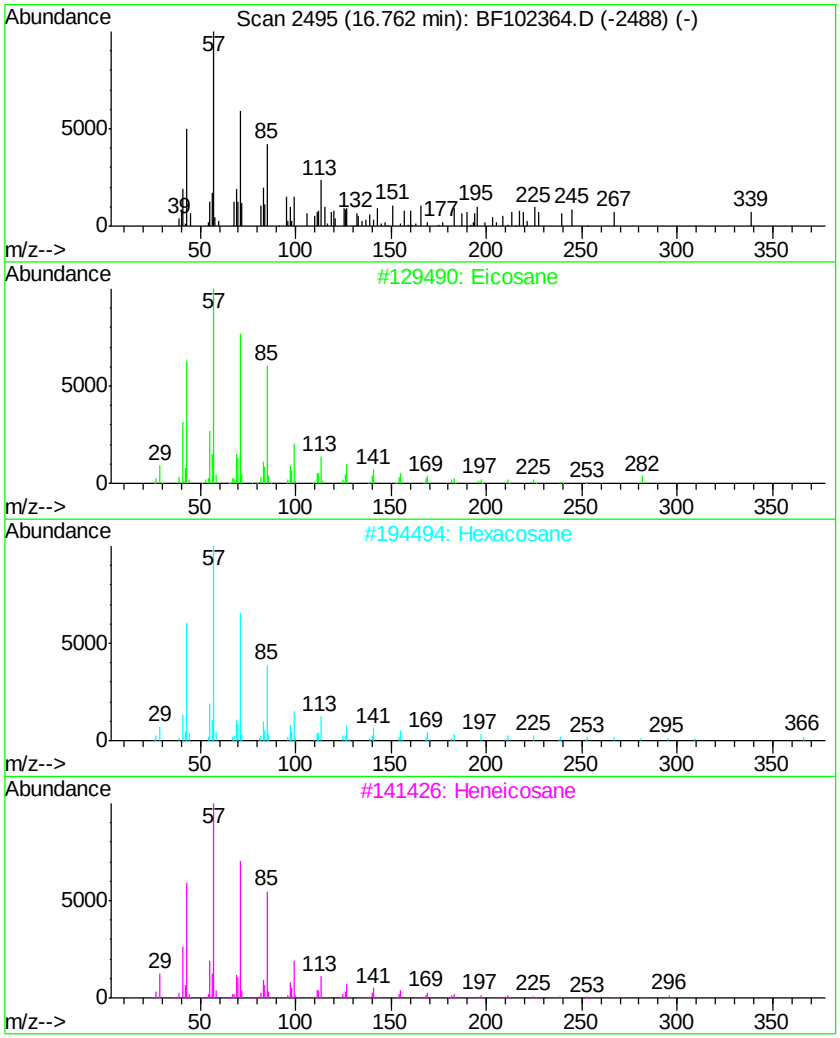
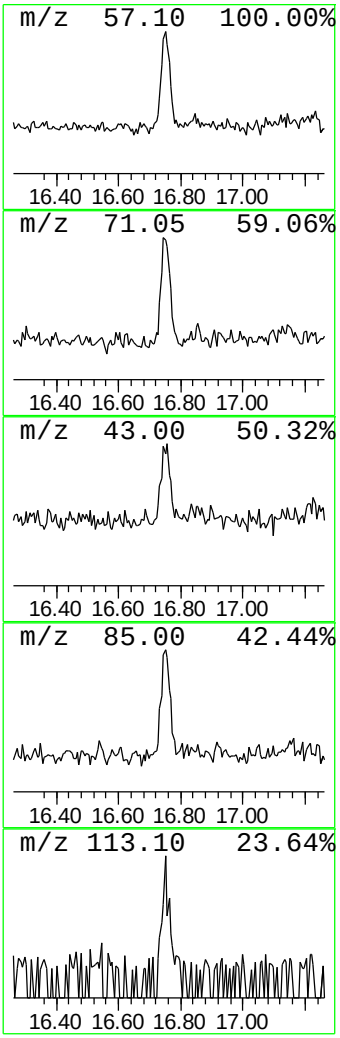
Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.10 ng	73332	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Hexacosane	366	C26H54	000630-01-3	64
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102364.D
Acq On : 24 Jan 2018 1:22
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Instrument : BNA_F
ClientSampleId : EPE-108-4(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
2-Pentanone, 4-hy...	4.93	7.0	ng	278171	1	6.72	796108	20.0
unknown6.49	6.49	93.3	ng	3712410	1	6.72	796108	20.0
Pentadecane	10.65	2.7	ng	110744	4	11.23	809778	20.0
1-Heneicosanol	13.72	10.9	ng	415478	5	13.87	765411	20.0
Tetracosane	15.72	2.4	ng	83777	6	15.30	696977	20.0
Heneicosane	16.20	2.4	ng	84145	6	15.30	696977	20.0
Eicosane	16.76	2.1	ng	73332	6	15.30	696977	20.0