LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	4.934	480	484	493	rVB	328508	419073	7.58%	0.907%
2	5.345	549	554	557	rBV	4477529	4532984	81.97%	9.811%
3	6.369	723	728	731	rBV	4003498	4510386	81.56%	9.762%
4	6.563	759	761	768	rBV	122852	138299	2.50%	0.299%
5	6.734	787	790	794	rVB	1521689	1286744	23.27%	2.785%
6	6.892	813	817	820	rBV	4221443	3652483	66.05%	7.905%
7	7.304	881	887	889	rBV	2712524	3006361	54.36%	6.507%
8	8.022	1004	1009	1012	rBV	2018014	1712250	30.96%	3.706%
9	9.098	1187	1192	1196	rBV	5175112	5447490	98.51%	11.790%
10	9.492	1254	1259	1263	rBV	844526	749423	13.55%	1.622%
11	9.651	1281	1286	1289	rBV4	59382	93434	1.69%	0.202%
12	9.692	1290	1293	1295	rVB	81803	80693	1.46%	0.175%
13	9.774	1301	1307	1311	rBV	2085894	2033759	36.78%	4.402%
14	9.827	1311	1316	1319	rBV5	38752	72674	1.31%	0.157%
15	10.186	1374	1377	1380	rBV2	128477	121135	2.19%	0.262%
16	10.569	1437	1442	1445	rBV	3686949	3508530	63.44%	7.594%
17	10.704	1462	1465	1469	rVB	317450	307829	5.57%	0.666%
18	10.904	1496	1499	1501	rBV2	156600	163161	2.95%	0.353%
19	11.174	1542	1545	1548	rVB	540564	556812	10.07%	1.205%
20	11.263	1557	1560	1567	rBV	2157351	1995489	36.08%	4.319%
21	11.804	1649	1652	1658	rVB	560653	528603	9.56%	1.144%
22	12.468	1763	1765	1769	rBV2	197405	197516	3.57%	0.427%
23	12.586	1782	1785	1788	rBV	402620	422417	7.64%	0.914%
24	12.863	1827	1832	1835	rVB	5085315	5530150	100.00%	11.969%
25	13.780	1984	1988	2003	rVB2	343735	803981	14.54%	1.740%
26	13.904	2005	2009	2013	rBV	2126490	1940474	35.09%	4.200%
27	14.680	2139	2141	2149	rVB	85242	95193	1.72%	0.206%
28	14.921	2180	2182	2190	rVB2	37723	61483	1.11%	0.133%
29	15.009	2193	2197	2202	rVB	91516	116759	2.11%	0.253%
30	15.333	2246	2252	2256	rBV	1428357	1754748	31.73%	3.798%
31	15.368	2256	2258	2263	rVB	84457	93272	1.69%	0.202%
32	15.786	2325	2329	2334	rVB	62745	88254	1.60%	0.191%
33	15.903	2341	2349	2364	rVB9	49352	180988	3.27%	0.392%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 46202847

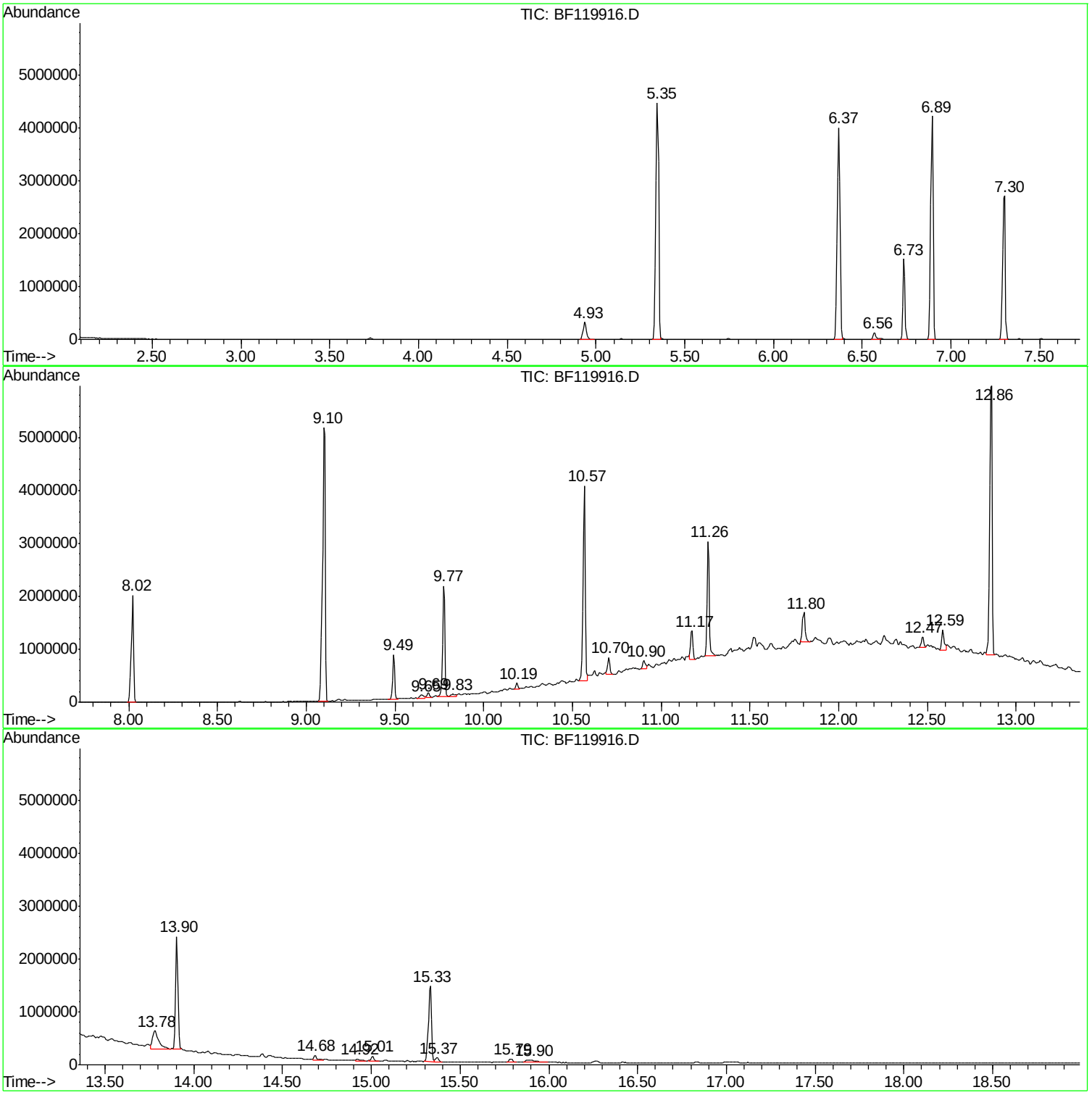
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

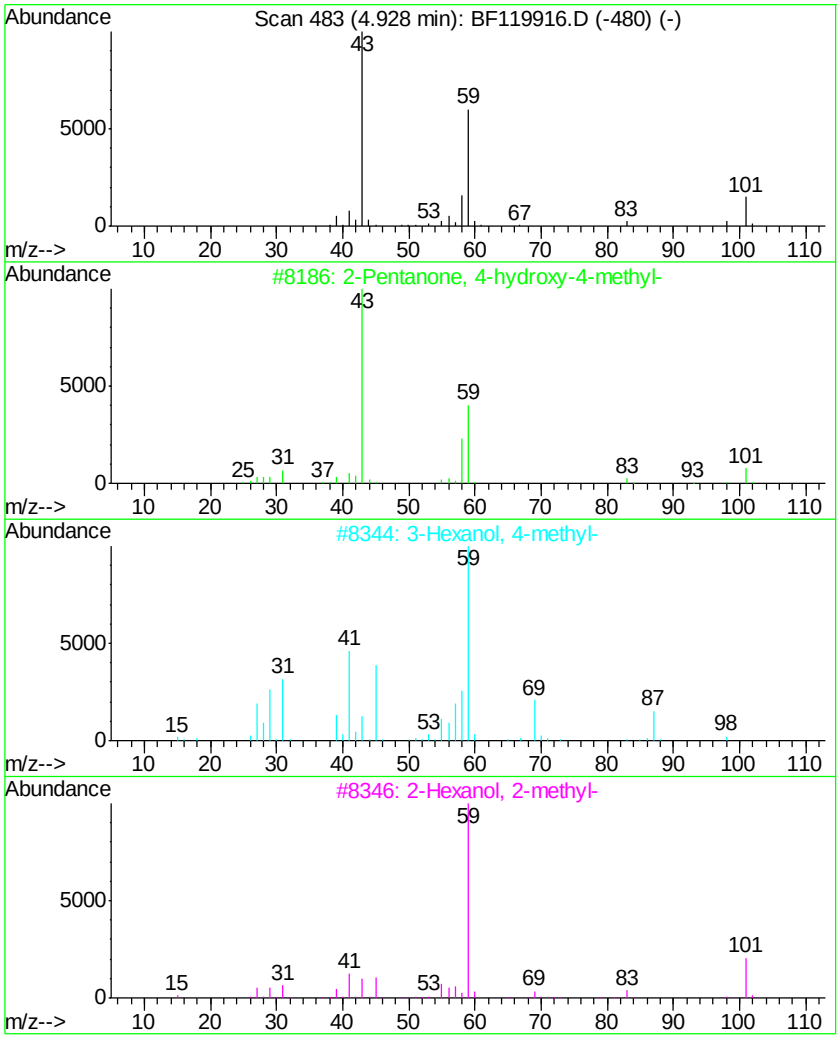
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

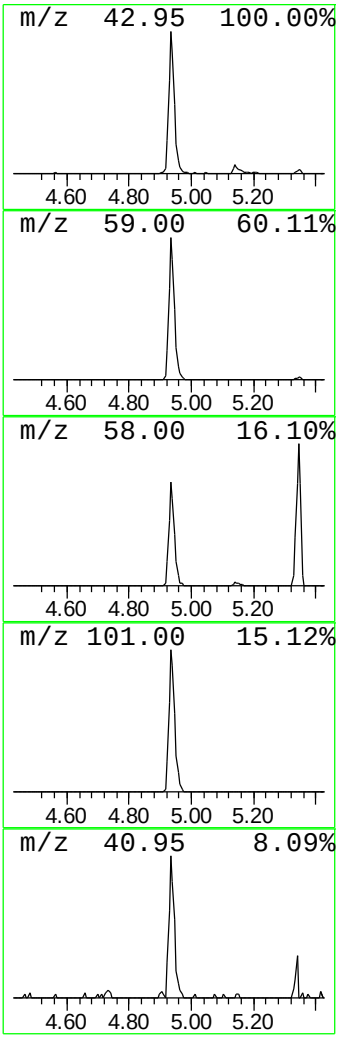
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.51 ng	419073	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetone	58	C3H6O	000067-64-1	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

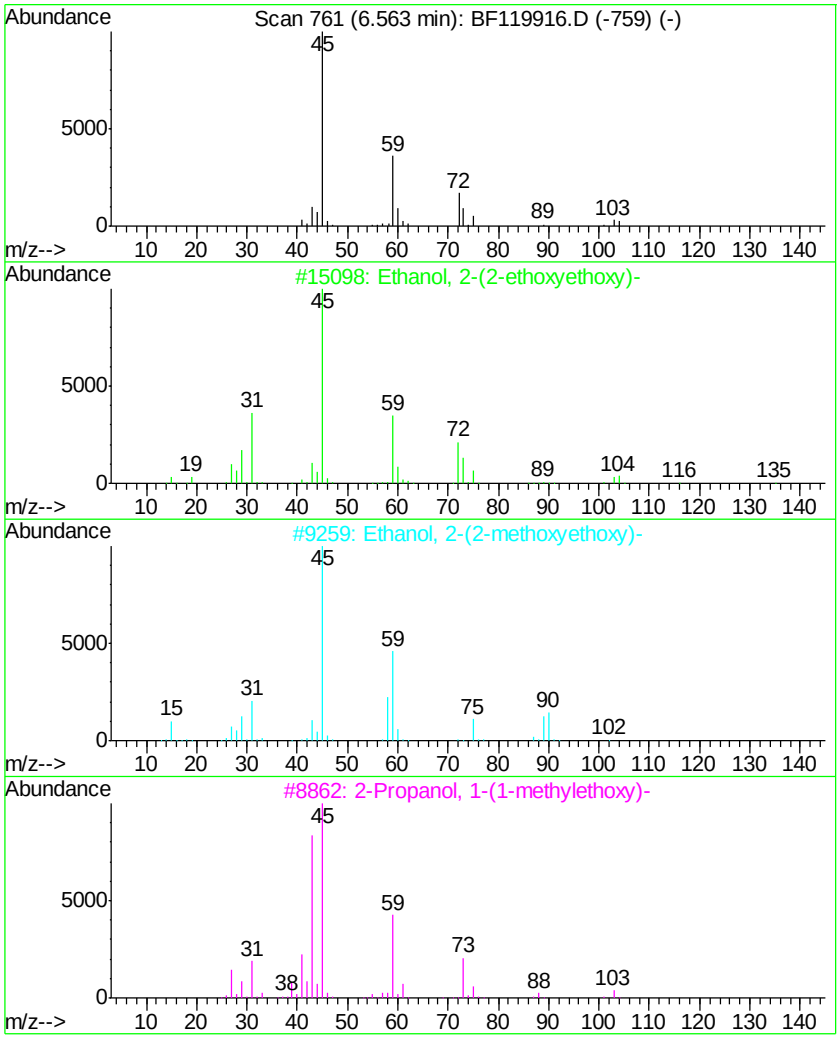
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

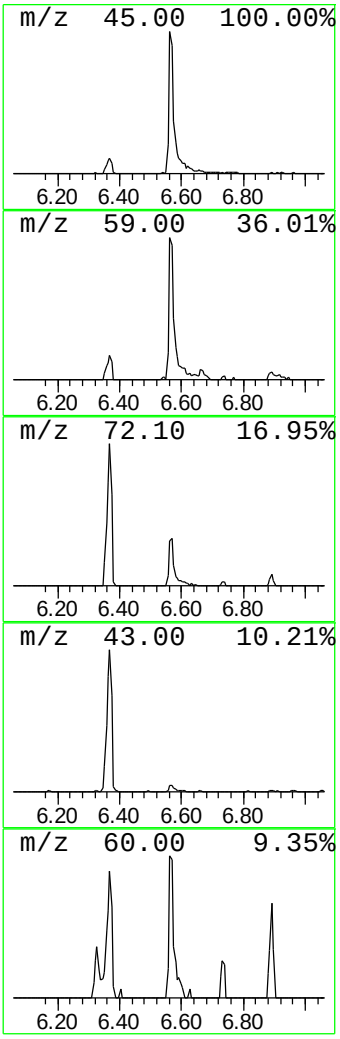
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.15 ng	138299	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	74
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	64
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Diethyl carbitol	162	C8H18O3	000112-36-7	38
5	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

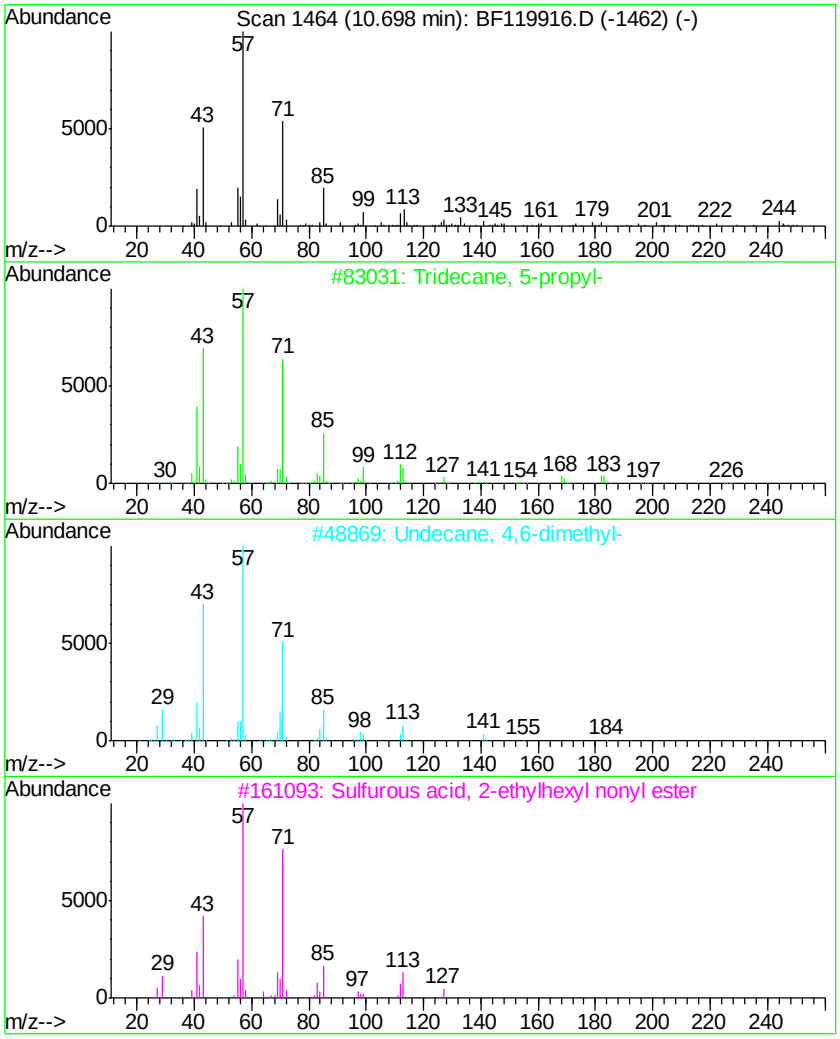
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

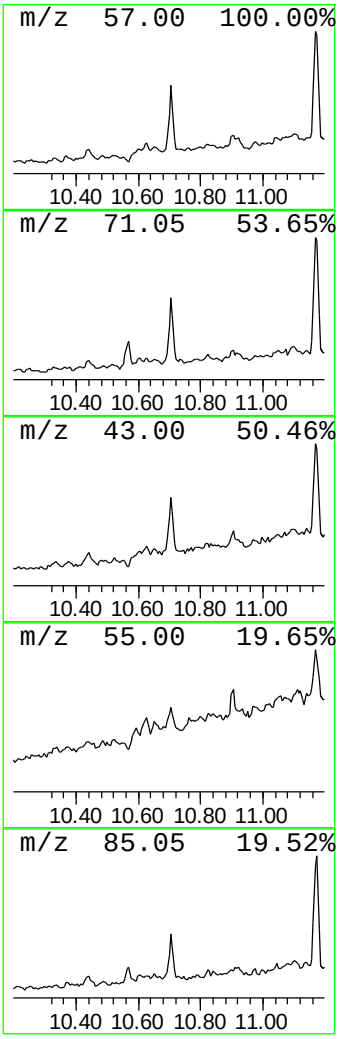
****

Peak Number 4 Tridecane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.09 ng	307829	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

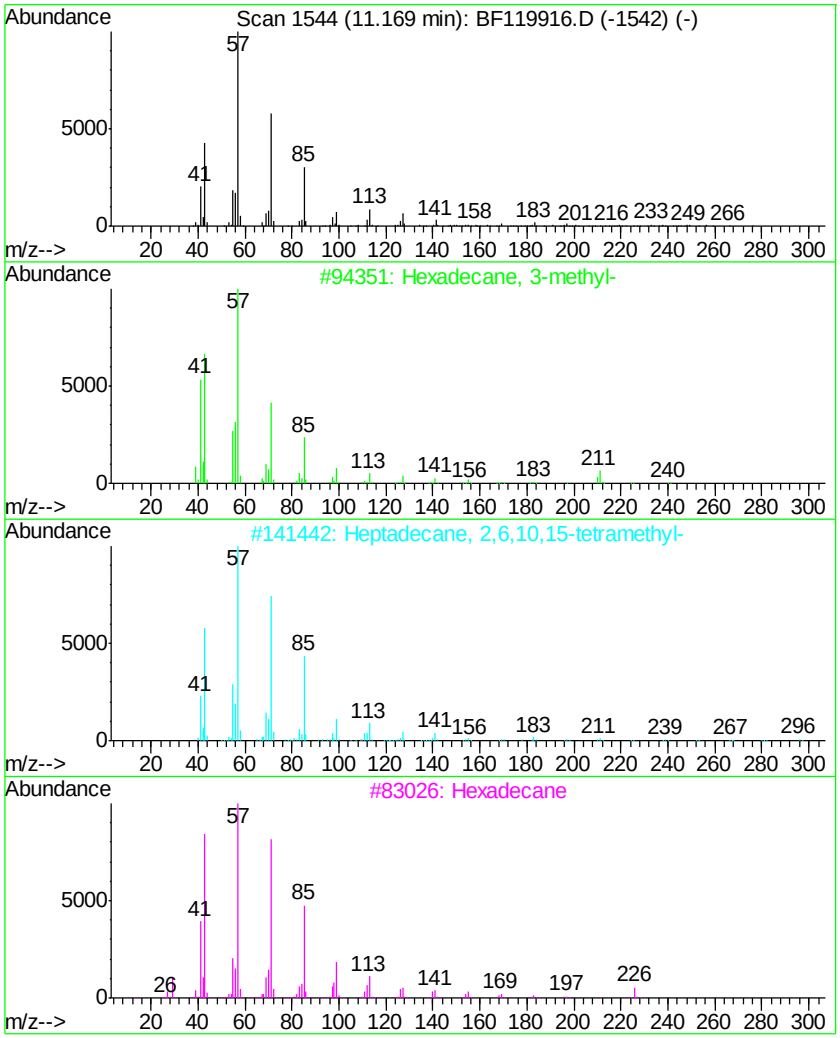
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

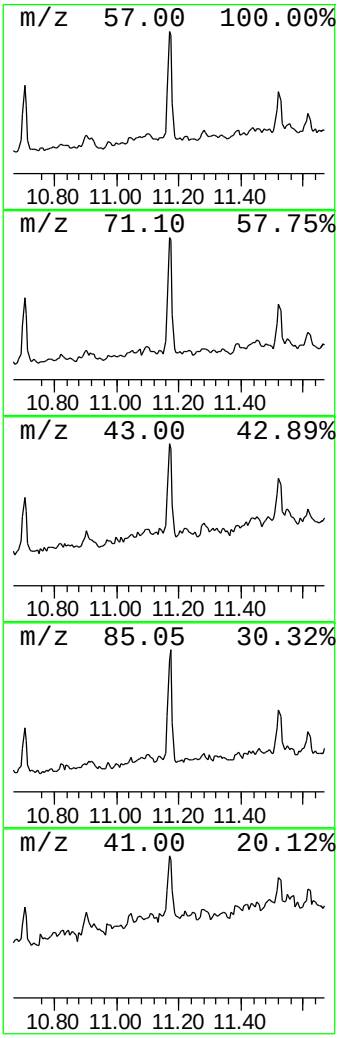
****

Peak Number 5 Hexadecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	5.58 ng	556812	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptacosane	380	C27H56	000593-49-7	78
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

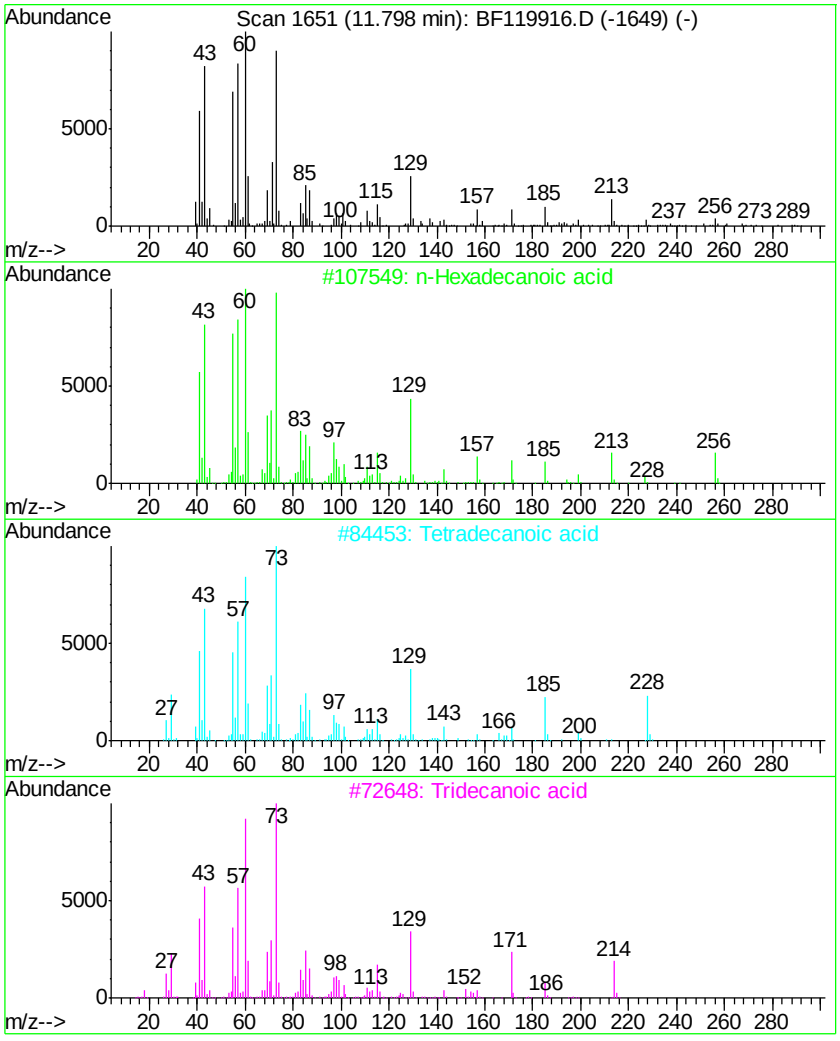
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

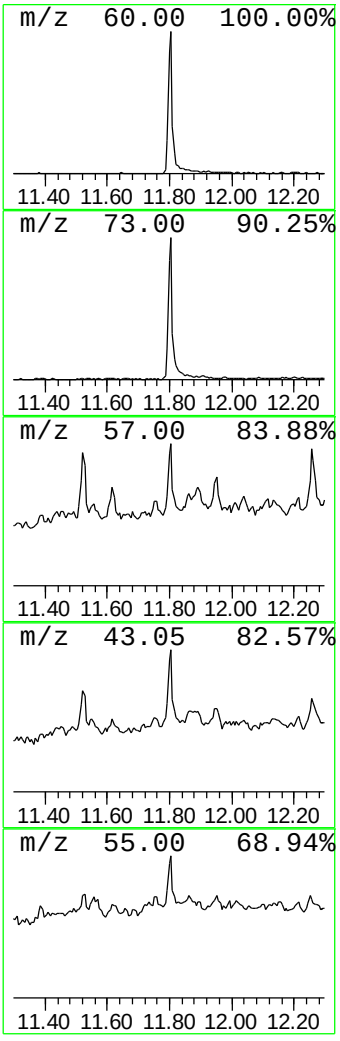
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.30 ng	528603	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

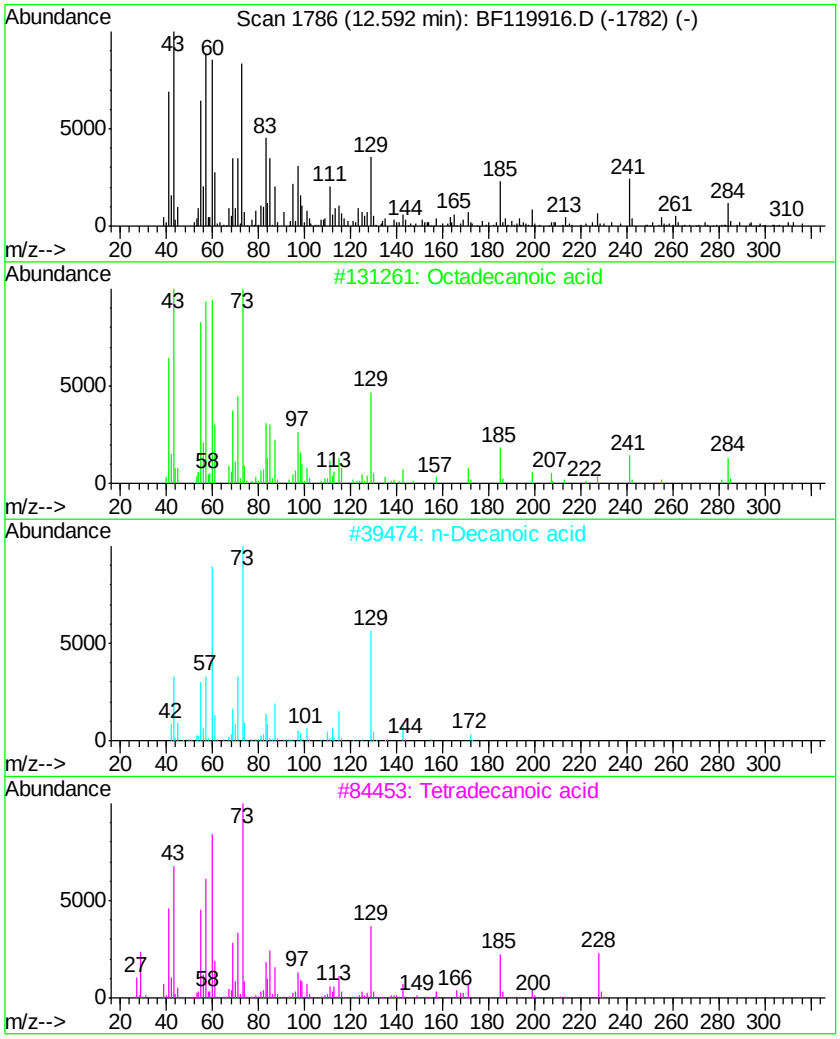
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

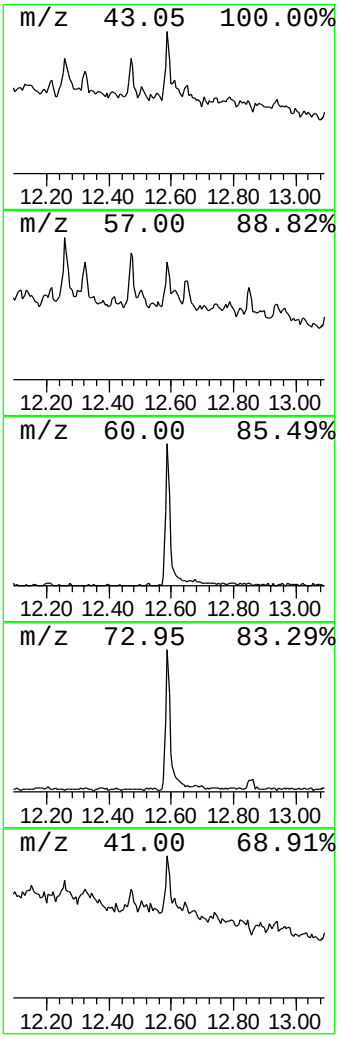
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	4.35 ng	422417	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	45
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

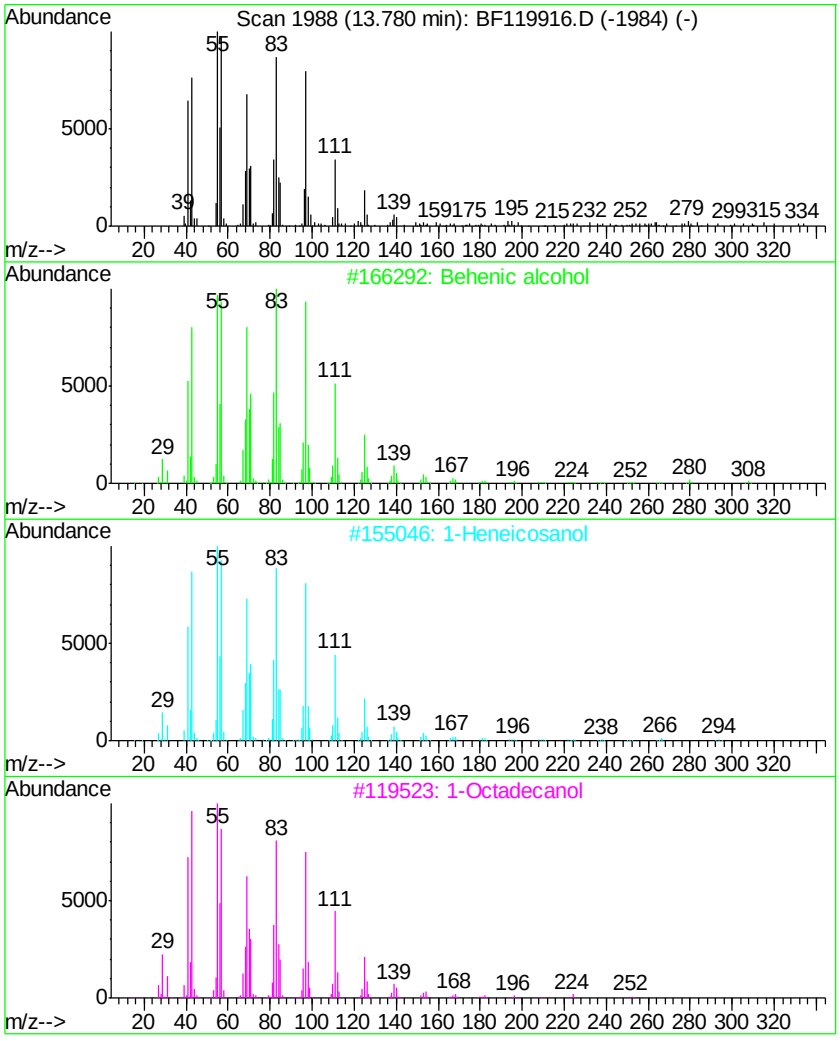
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

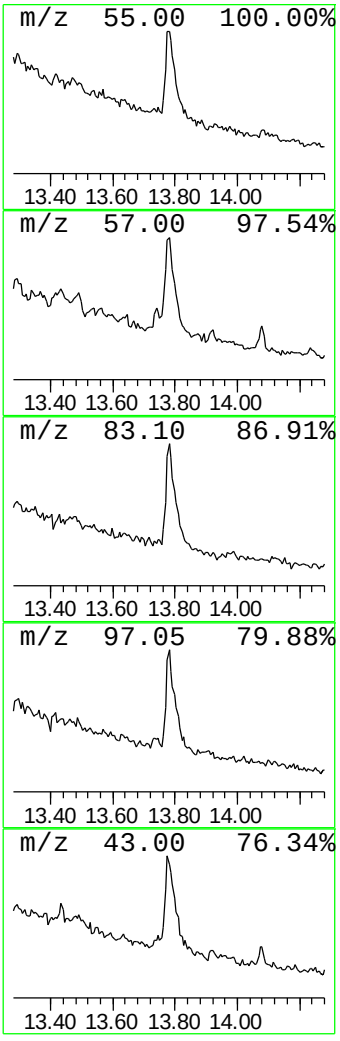
****

Peak Number 8 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	8.29 ng	803981	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	9-Nonadecene	266	C19H38	031035-07-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

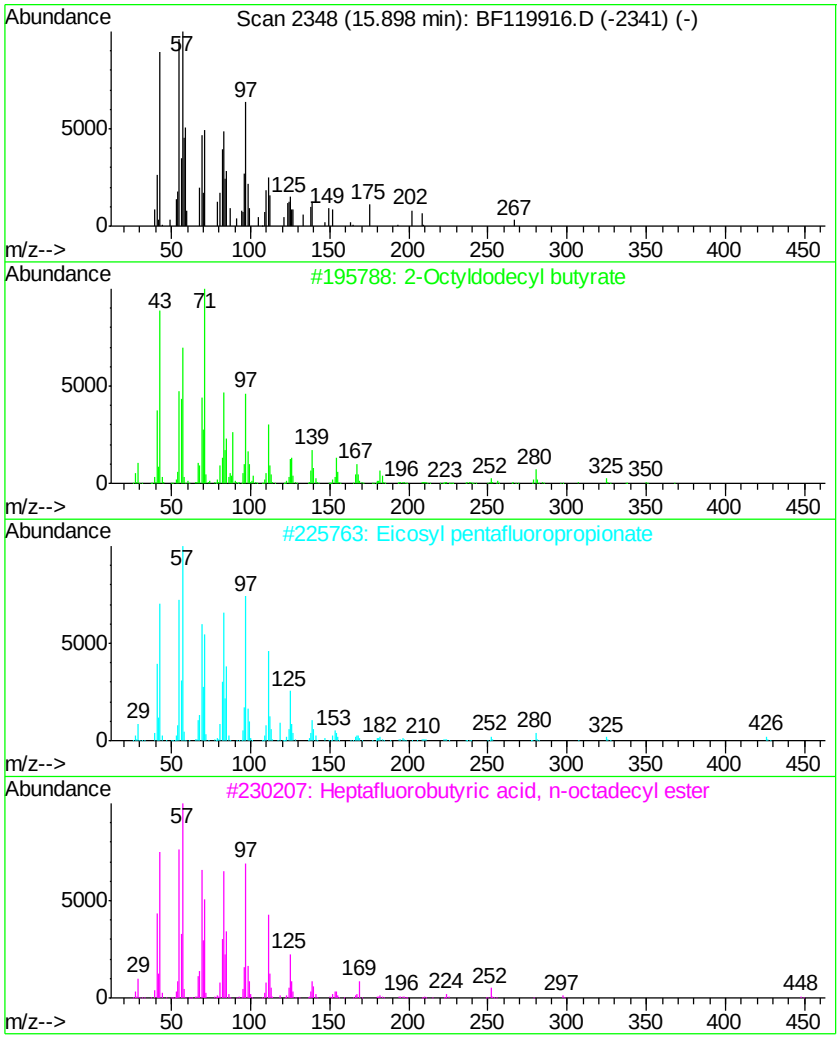
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

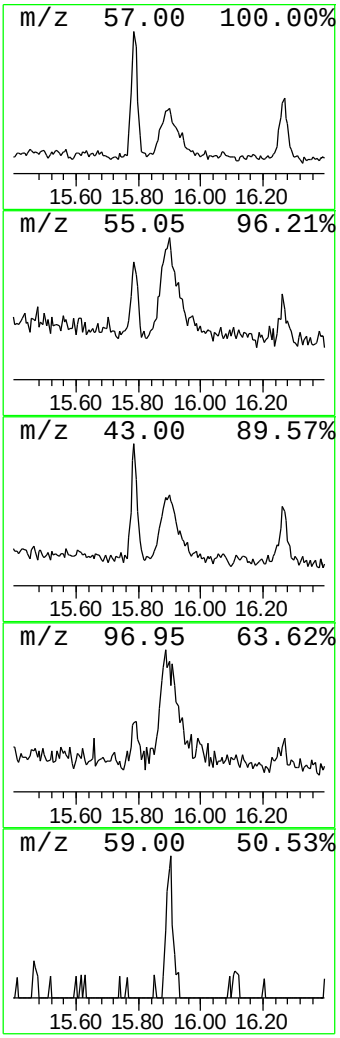
****

Peak Number 9 unknown15.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.06 ng	180988	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyldodecyl butyrate	368	C24H48O2	1000368-55-2	46
2	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	45
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	45
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	45
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041320\
Data File : BF119916.D
Acq On : 13 Apr 2020 15:11
Operator : MA/SJ
Sample : L2215-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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	6.5	ng	419073	1	6.73	1286740	20.0
Ethanol, 2-(2-eth...	6.56	2.1	ng	138299	1	6.73	1286740	20.0
Tridecane, 5-propyl-	10.70	3.1	ng	307829	4	11.26	1995490	20.0
Hexadecane, 3-met...	11.17	5.6	ng	556812	4	11.26	1995490	20.0
n-Hexadecanoic acid	11.80	5.3	ng	528603	4	11.26	1995490	20.0
Octadecanoic acid	12.59	4.3	ng	422417	5	13.90	1940470	20.0
Behenic alcohol	13.78	8.3	ng	803981	5	13.90	1940470	20.0
unknown15.90	15.90	2.1	ng	180988	6	15.33	1754750	20.0