LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101200.D
Acq On : 7 Dec 2017 13:00
Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

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-BF113017.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	5.087	506	510	522	rBV	59665	99098	5.28%	0.646%
2	5.469	570	575	578	rBV	1476773	1537067	81.89%	10.017%
3	6.481	741	747	758	rBV	1406969	1636603	87.19%	10.666%
4	6.616	765	770	773	rBV	1682033	1627285	86.69%	10.605%
5	6.840	804	808	811	rBV	414129	324345	17.28%	2.114%
6	6.998	830	835	838	rBV	1327393	1205290	64.21%	7.855%
7	7.410	899	905	908	rBV	950098	976142	52.00%	6.362%
8	8.122	1021	1026	1034	rBV	520744	437908	23.33%	2.854%
9	9.204	1203	1210	1212	rBV	1755662	1862412	99.22%	12.138%
10	9.592	1272	1276	1279	rBV	118316	98905	5.27%	0.645%
11	9.798	1307	1311	1316	rBV	55864	45702	2.43%	0.298%
12	9.881	1320	1325	1329	rVB	591871	504336	26.87%	3.287%
13	10.298	1389	1396	1399	rBV	59286	54122	2.88%	0.353%
14	10.522	1427	1434	1436	rBV	16939	21931	1.17%	0.143%
15	10.675	1455	1460	1464	rBV	1184733	1208350	64.37%	7.875%
16	10.775	1474	1477	1481	rBV	46066	49952	2.66%	0.326%
17	11.369	1574	1578	1582	rBV	593195	541648	28.86%	3.530%
18	11.886	1662	1666	1671	rBV	65712	61529	3.28%	0.401%
19	12.963	1840	1849	1852	rBV	1893900	1877101	100.00%	12.233%
20	13.839	1994	1998	2003	rBV	200756	195288	10.40%	1.273%
21	14.021	2025	2029	2032	rBV	506077	475170	25.31%	3.097%
22	14.469	2101	2105	2109	rBV2	43100	48848	2.60%	0.318%
23	15.110	2210	2214	2217	rBV	48381	50603	2.70%	0.330%
24	15.498	2274	2280	2287	rVB	282321	345465	18.40%	2.251%
25	15.921	2347	2352	2356	rBV3	16764	23548	1.25%	0.153%
26	15.974	2356	2361	2366	rBV5	20407	35408	1.89%	0.231%

Sum of corrected areas: 15344056

LSC Report - Integrated Chromatogram

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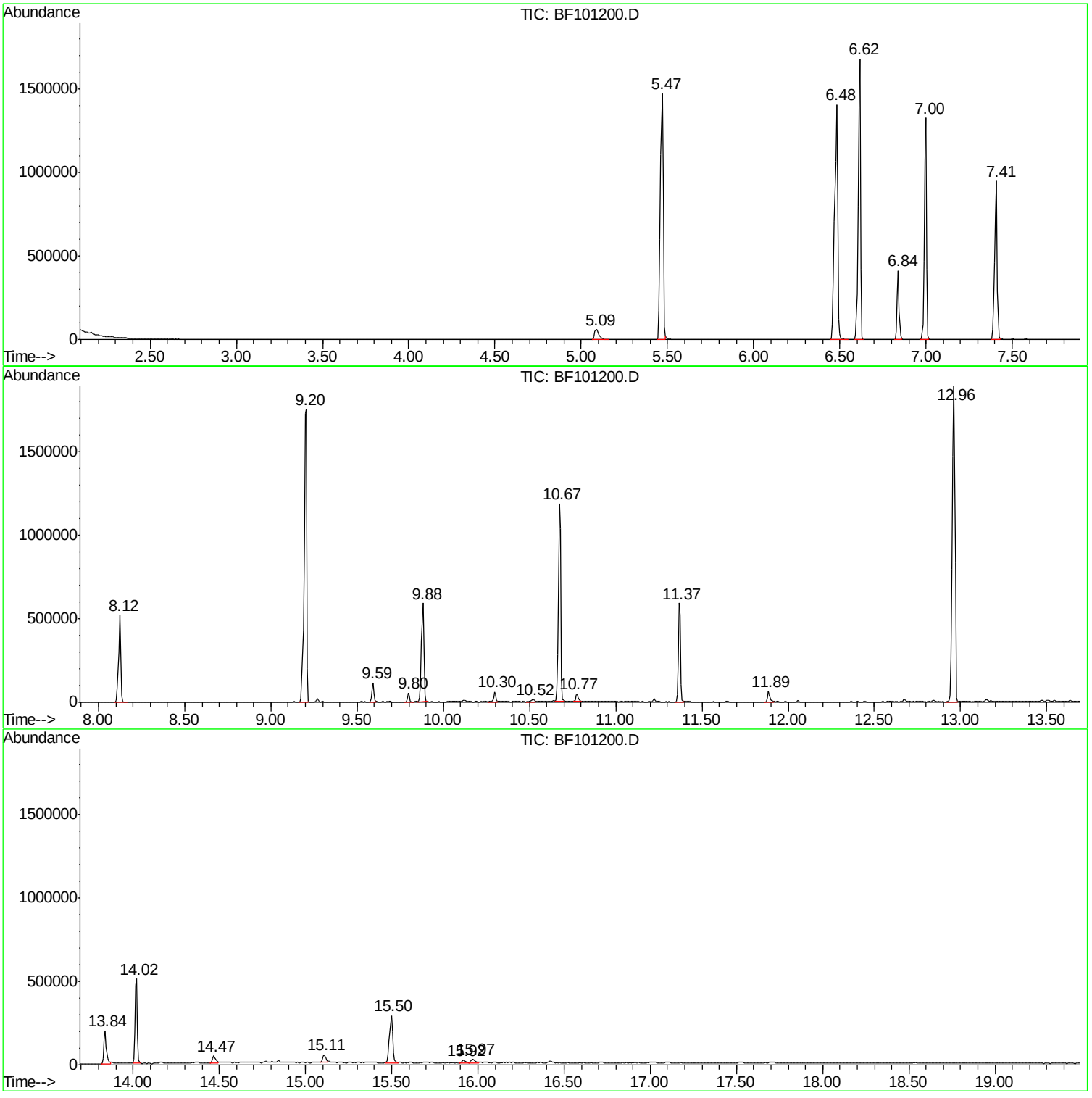
Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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\BF120717\
Data File : BF101200.D
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Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

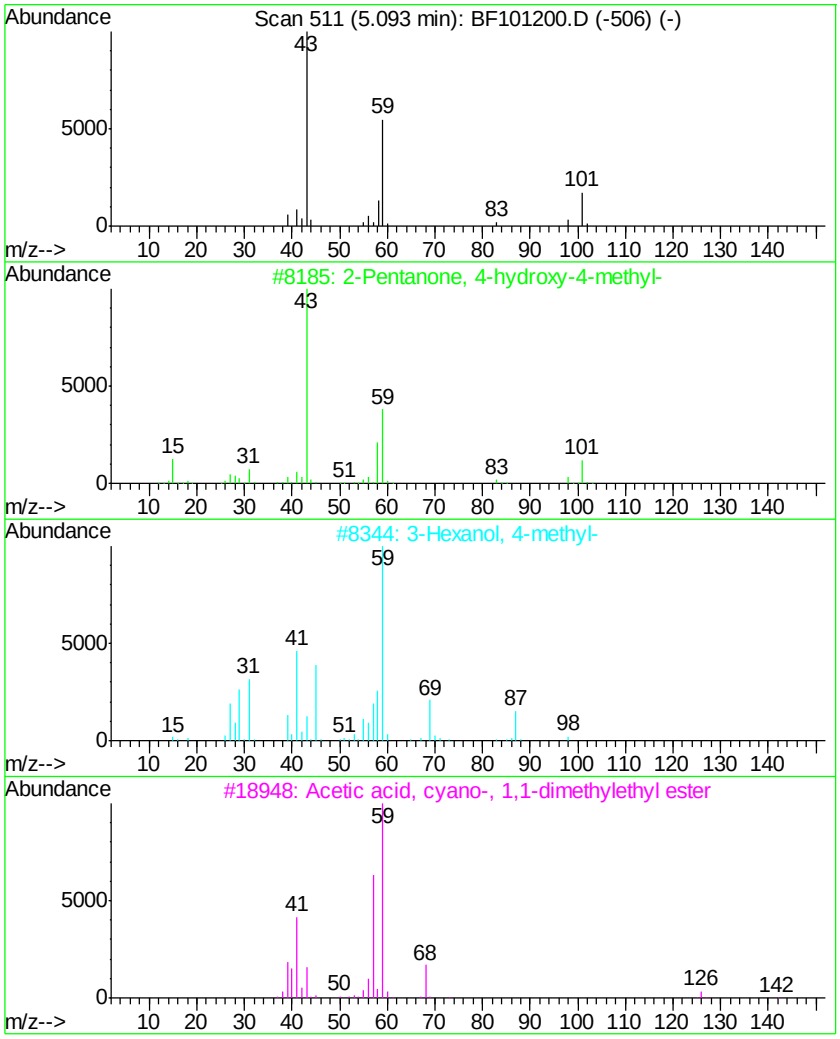
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

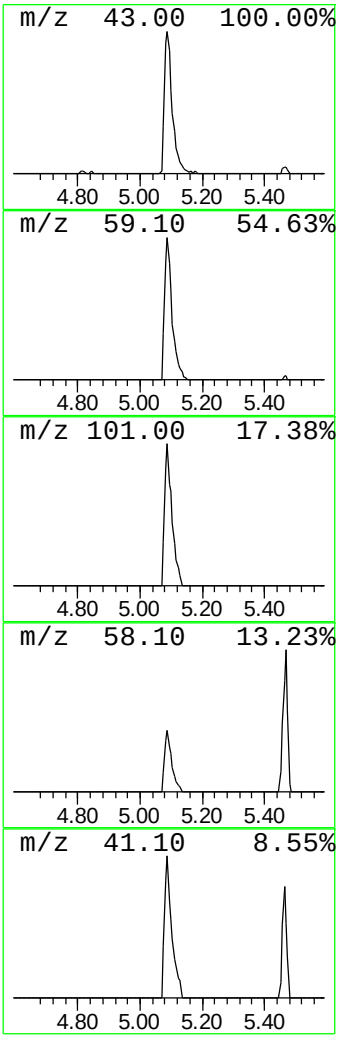
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	6.11 ng	99098	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Sample : I6645-03
Misc :
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Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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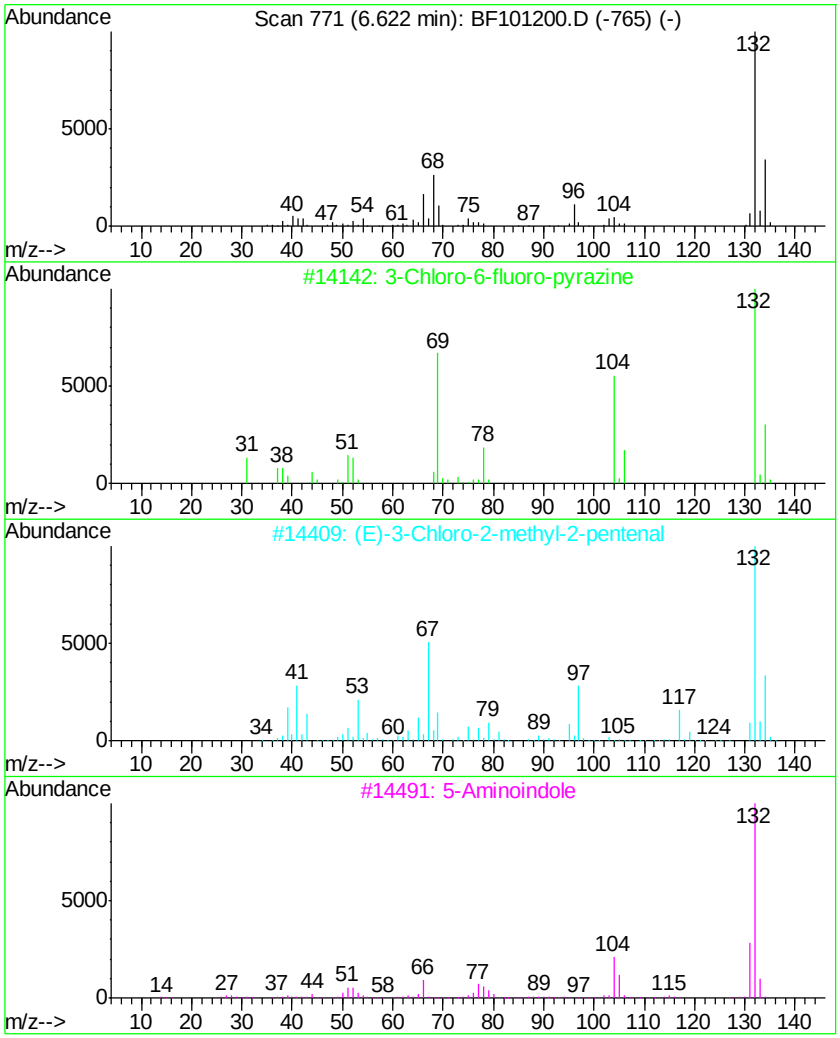
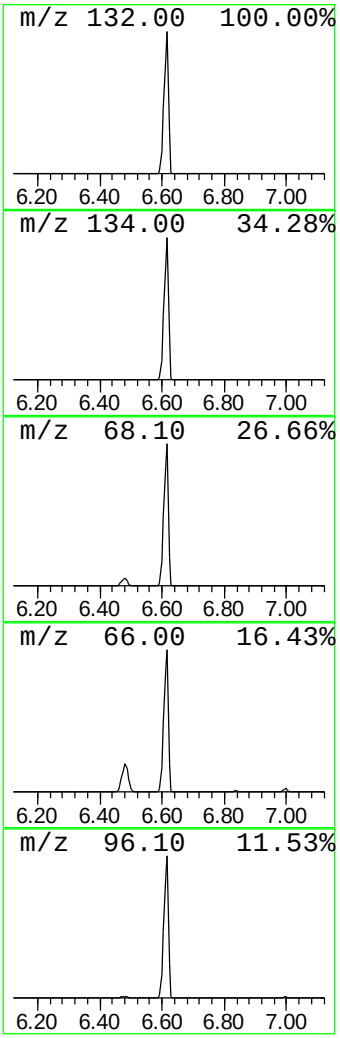
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	100.34 ng	1627290	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101200.D
Acq On : 7 Dec 2017 13:00
Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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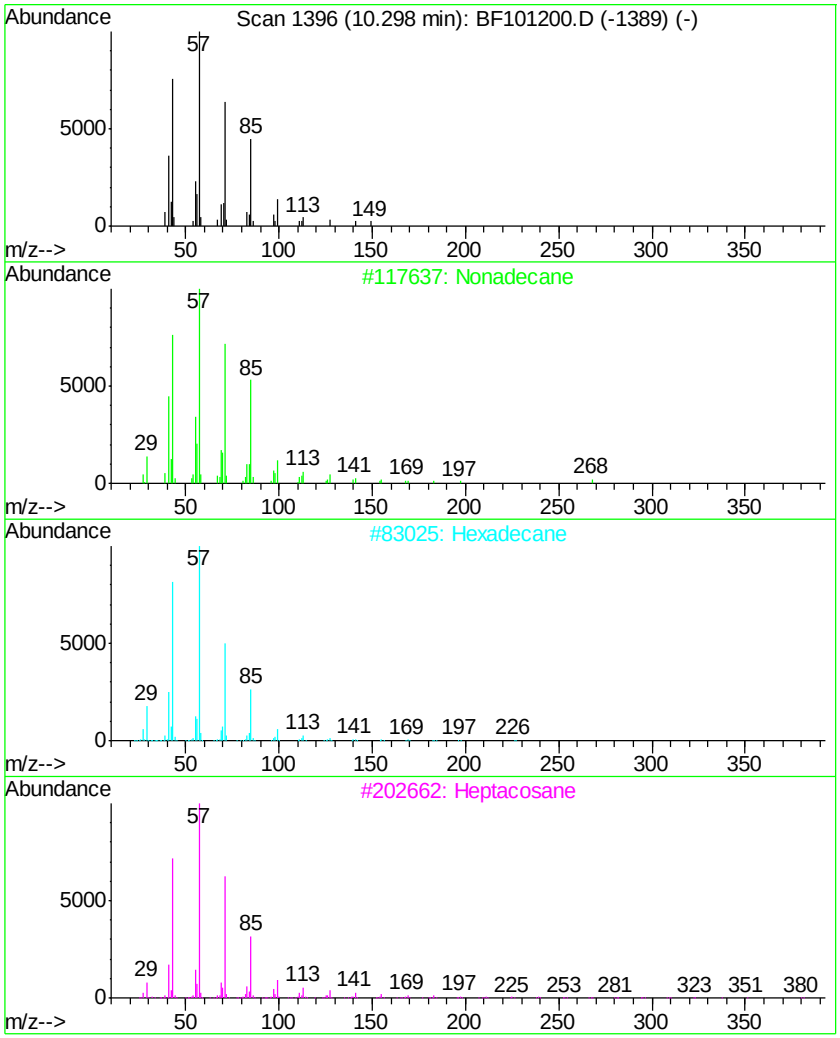
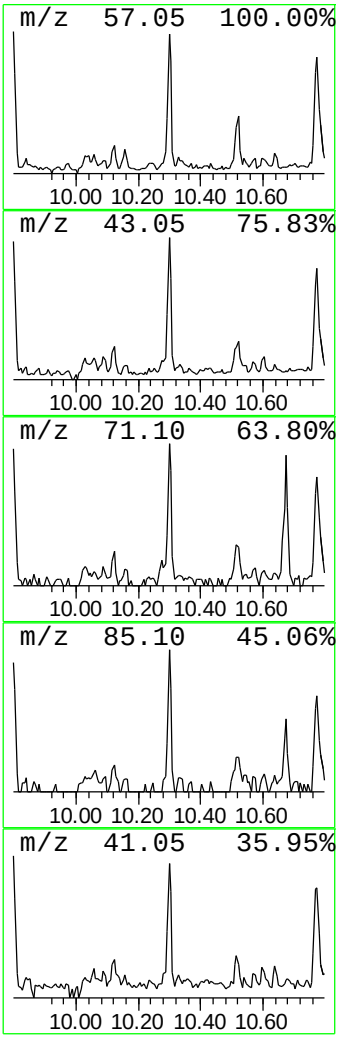
Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.15 ng	54122	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptacosane	380	C27H56	000593-49-7	59
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59
5	Pentadecane	212	C15H32	000629-62-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101200.D
Acq On : 7 Dec 2017 13:00
Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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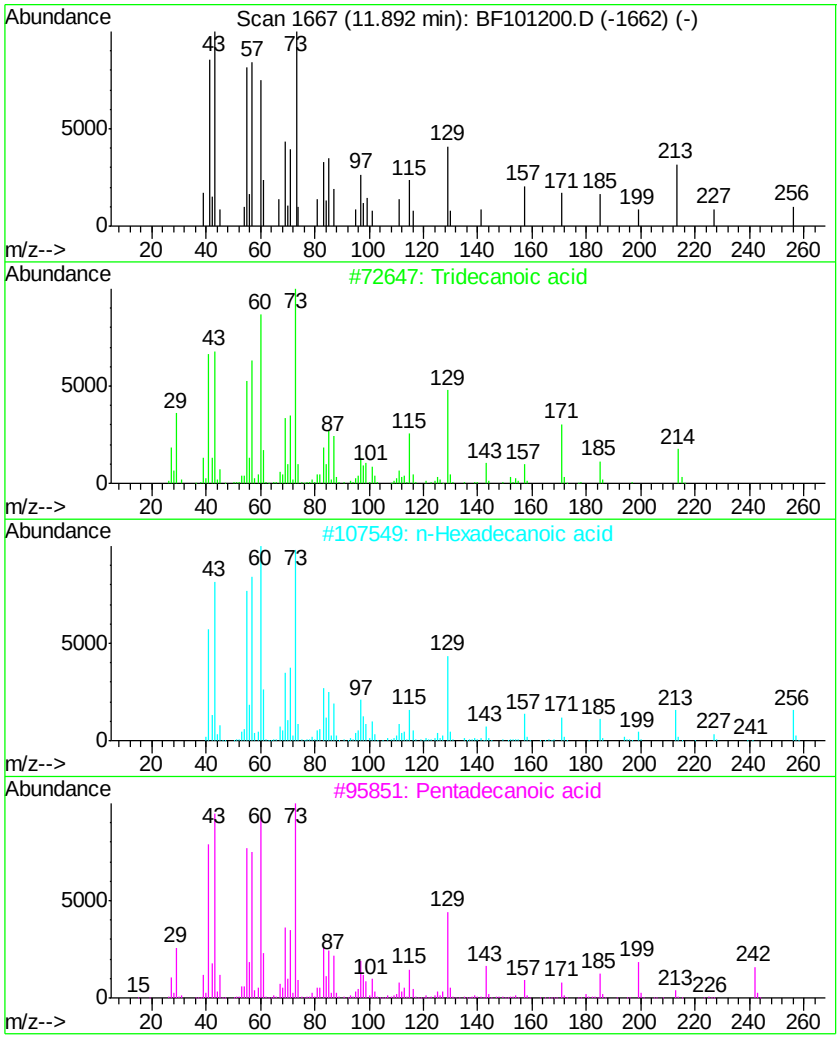
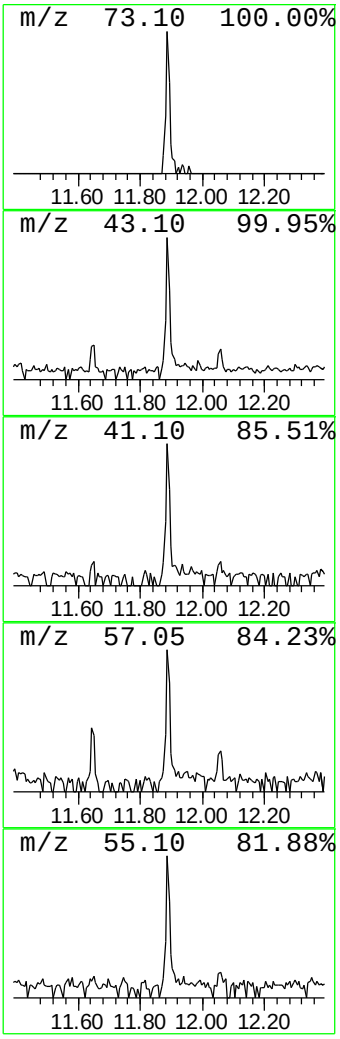
Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.27 ng	61529	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101200.D
Acq On : 7 Dec 2017 13:00
Operator : SJ/JU
Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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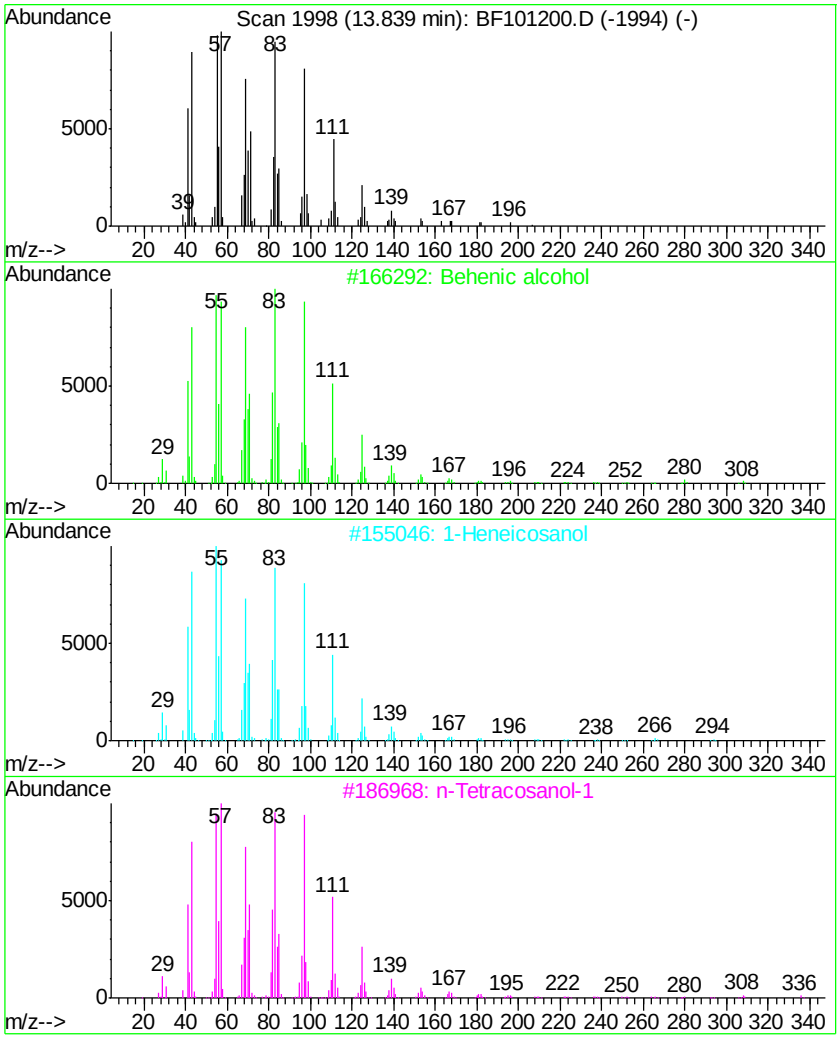
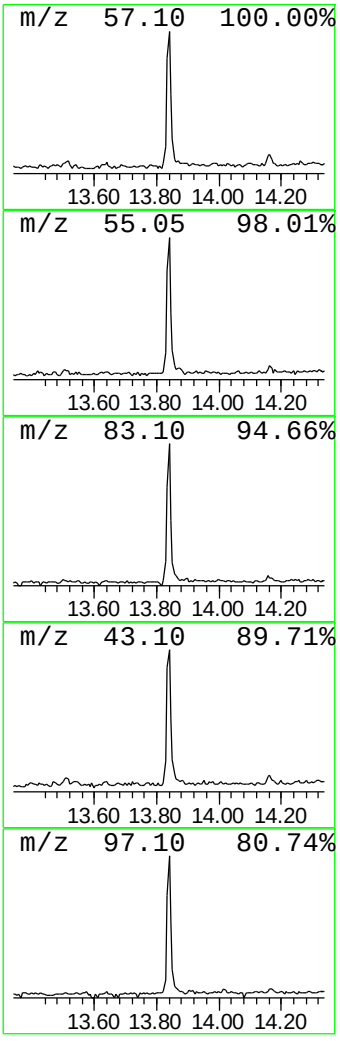
Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.22 ng	195288	Chrysene-d12	14.02

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





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Sample : I6645-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BSC-SB-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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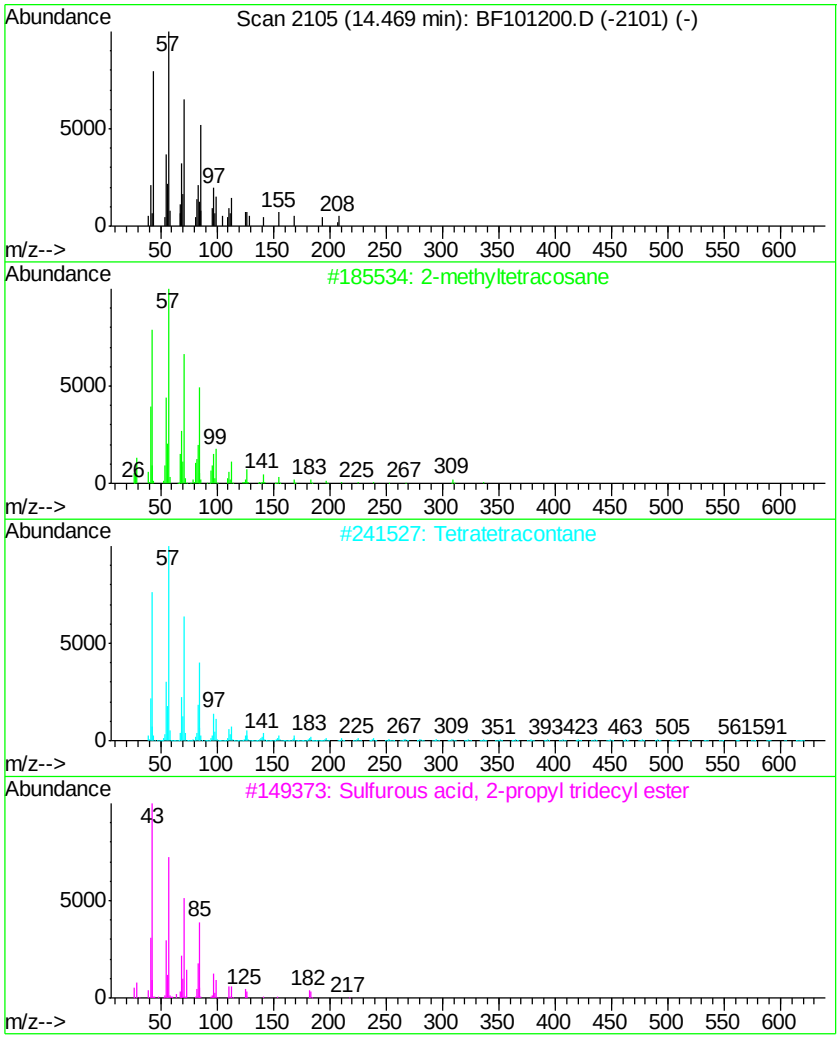
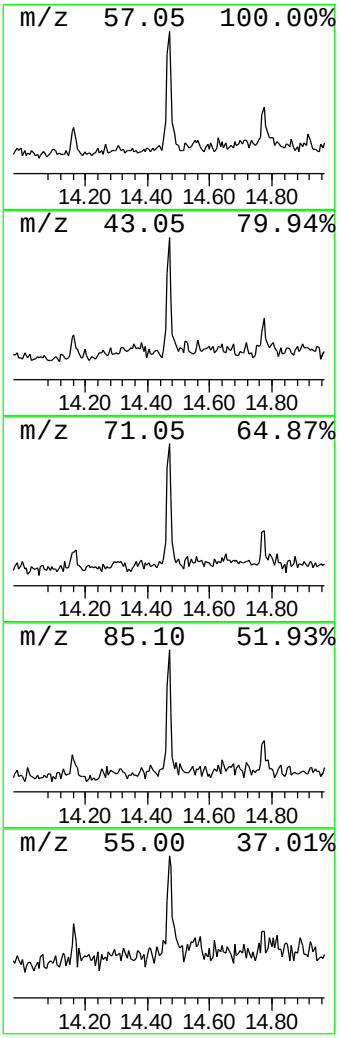
Peak Number 7 2-methyltetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.06 ng	48848	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Tritetracontane	605	C43H88	007098-21-7	86
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86





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

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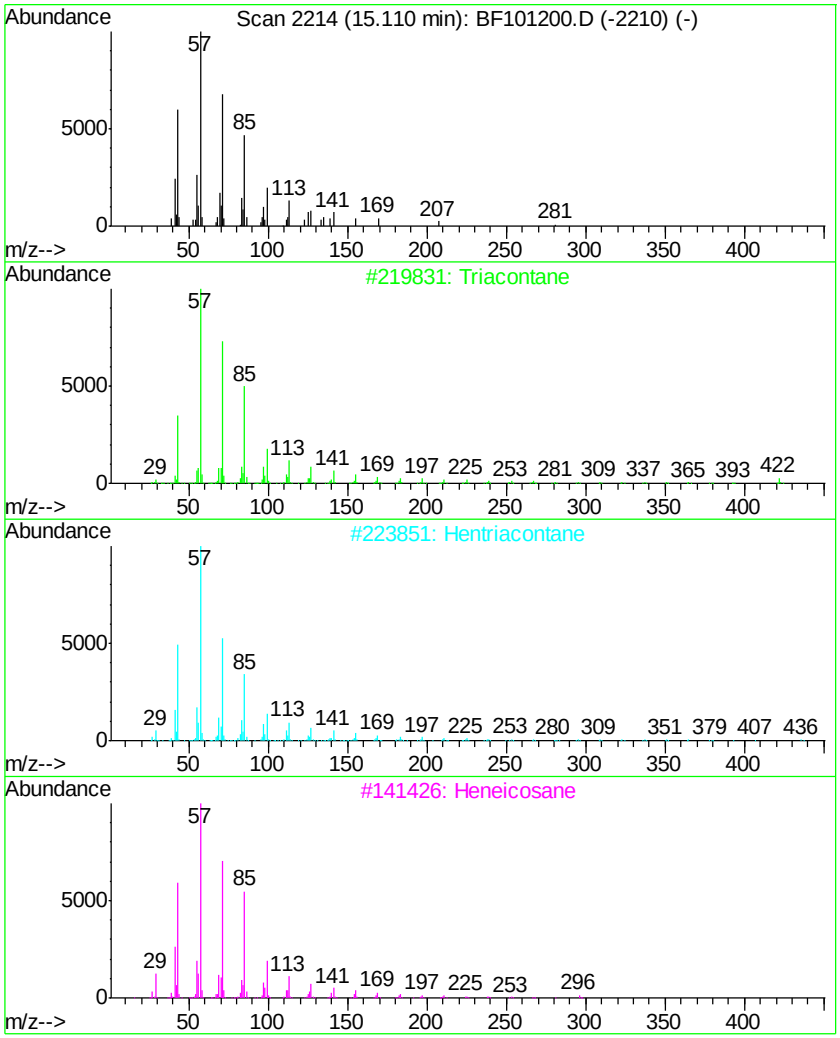
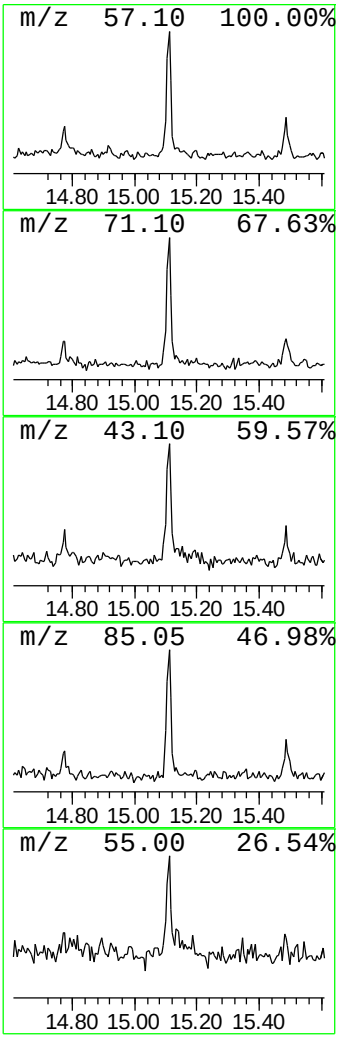
Peak Number 8 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.93 ng	50603	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90





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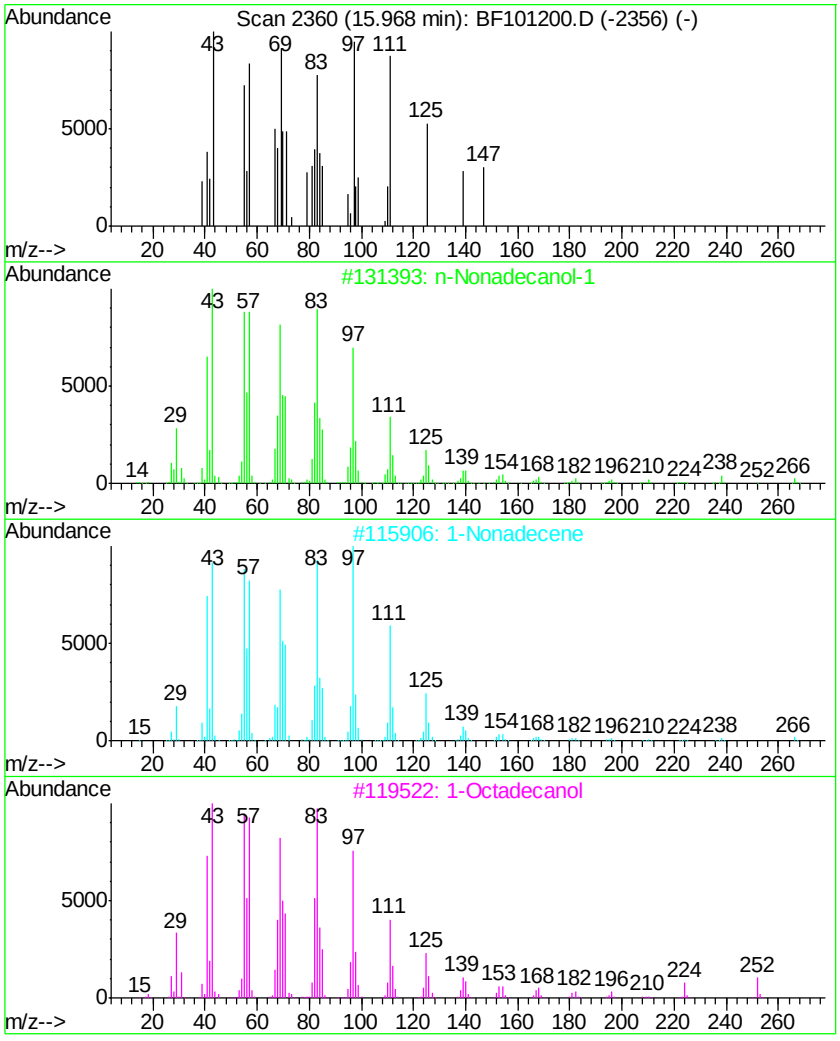
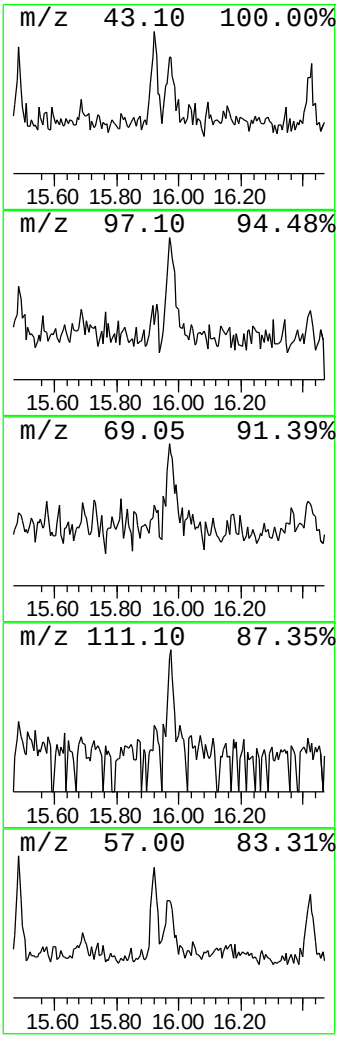
Peak Number 9 n-Nonadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.05 ng	35408	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
2	1-Nonadecene	266	C19H38	018435-45-5	62
3	1-Octadecanol	270	C18H38O	000112-92-5	58
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	58
5	1-Hexadecanol	242	C16H34O	036653-82-4	58





Tentatively Identified Compound (LSC) summary

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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...	5.09	6.1	ng	99098	1	6.84	324345	20.0
unknown6.62	6.62	100.3	ng	1627290	1	6.84	324345	20.0
Nonadecane	10.30	2.1	ng	54122	3	9.88	504336	20.0
Tridecanoic acid	11.89	2.3	ng	61529	4	11.37	541648	20.0
Behenic alcohol	13.84	8.2	ng	195288	5	14.02	475170	20.0
2-methyltetracosane	14.47	2.1	ng	48848	5	14.02	475170	20.0
Triacontane	15.11	2.9	ng	50603	6	15.50	345465	20.0
n-Nonadecanol-1	15.97	2.0	ng	35408	6	15.50	345465	20.0