LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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	4.963	485	489	496	rVB	73297	91583	1.10%	0.175%
2	5.375	554	559	562	rBV	3235974	2843561	34.24%	5.423%
3	6.392	727	732	741	rBV	2031427	1865870	22.47%	3.559%
4	6.763	791	795	799	rBV	1388688	1151177	13.86%	2.196%
5	6.922	817	822	826	rBV	4752959	4829204	58.15%	9.211%
6	7.333	885	892	895	rBV	3793703	4333332	52.18%	8.265%
7	7.898	983	988	991	rBV	173521	139047	1.67%	0.265%
8	8.051	1009	1014	1017	rBV	1683842	1518036	18.28%	2.895%
9	9.133	1192	1198	1201	rBV	7458038	7830183	94.28%	14.934%
10	9.522	1260	1264	1268	rBV	727656	583793	7.03%	1.113%
11	9.810	1306	1313	1316	rBV	2149009	1998274	24.06%	3.811%
12	10.604	1441	1448	1451	rBV	4983520	5418211	65.24%	10.334%
13	10.716	1465	1467	1475	rVB	81088	89152	1.07%	0.170%
14	11.292	1561	1565	1569	rBV	2191650	1904291	22.93%	3.632%
15	11.686	1628	1632	1636	rBV2	115940	118993	1.43%	0.227%
16	11.833	1652	1657	1672	rBV	1802860	1820526	21.92%	3.472%
17	11.945	1673	1676	1683	rVB	99464	112105	1.35%	0.214%
18	12.616	1786	1790	1803	rBV	975253	1001656	12.06%	1.910%
19	12.892	1831	1837	1840	rBV	7557747	8304874	100.00%	15.840%
20	13.274	1898	1902	1904	rBV	104409	89051	1.07%	0.170%
21	13.804	1987	1992	2006	rBV	605904	1285834	15.48%	2.452%
22	13.933	2010	2014	2018	rVB	1670251	1476669	17.78%	2.816%
23	14.104	2040	2043	2047	rVB	131748	123986	1.49%	0.236%
24	14.162	2049	2053	2062	rVB2	89591	193706	2.33%	0.369%
25	14.410	2092	2095	2100	rVB	226782	213904	2.58%	0.408%
26	14.462	2100	2104	2110	rBV4	54680	104762	1.26%	0.200%
27	14.521	2111	2114	2119	rVB	442498	376195	4.53%	0.718%
28	14.709	2143	2146	2150	rVB	253233	252379	3.04%	0.481%
29	15.039	2198	2202	2212	rVB	263018	316364	3.81%	0.603%
30	15.368	2253	2258	2262	rBV	964156	1185685	14.28%	2.261%
31	15.409	2262	2265	2275	rVB	210389	273864	3.30%	0.522%
32	15.827	2332	2336	2342	rBV	144201	204551	2.46%	0.390%
33	15.939	2349	2355	2367	rBV5	85135	260451	3.14%	0.497%
34	16.321	2414	2420	2424	rBV	76036	119750	1.44%	0.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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: 52431019

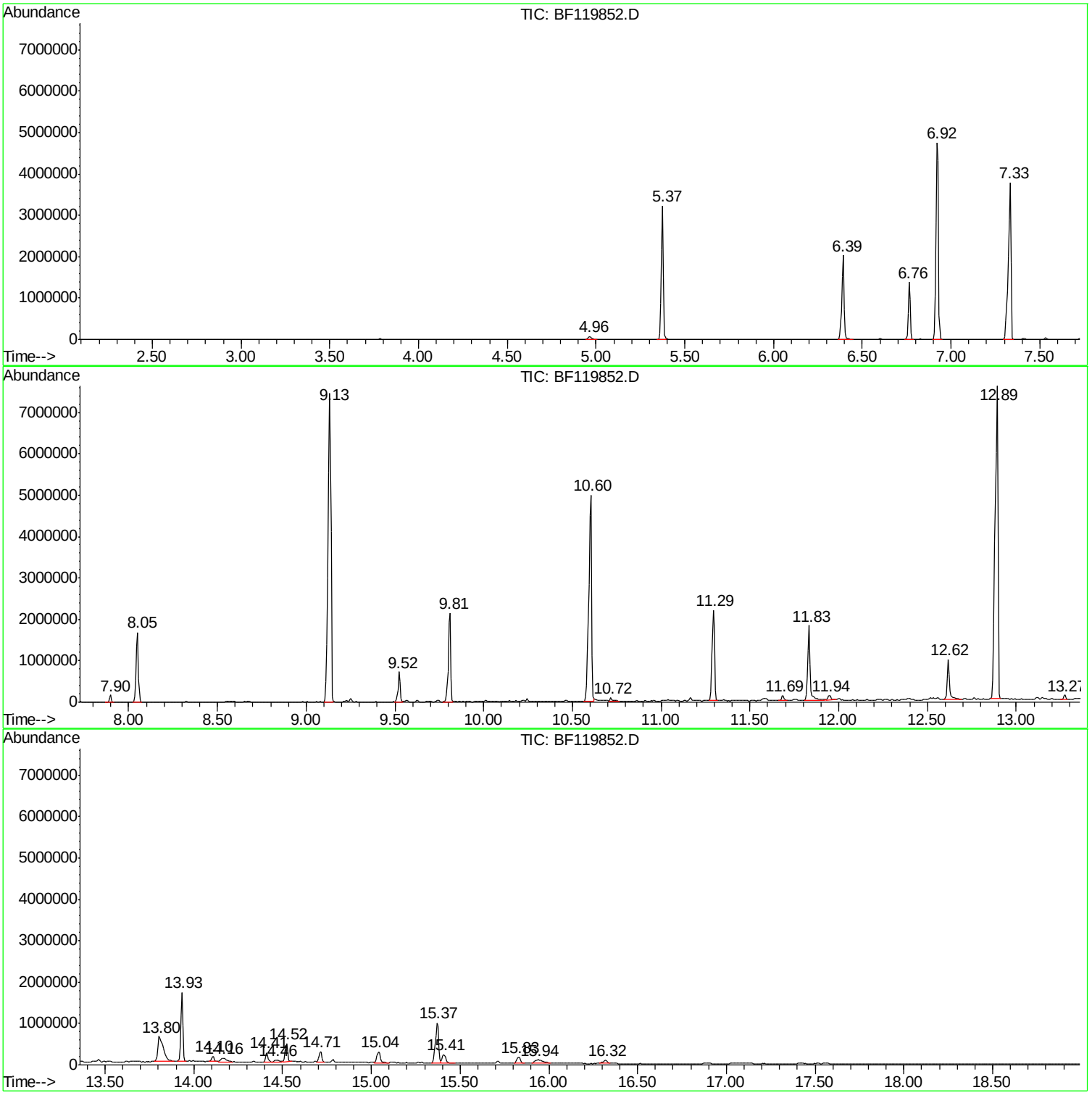
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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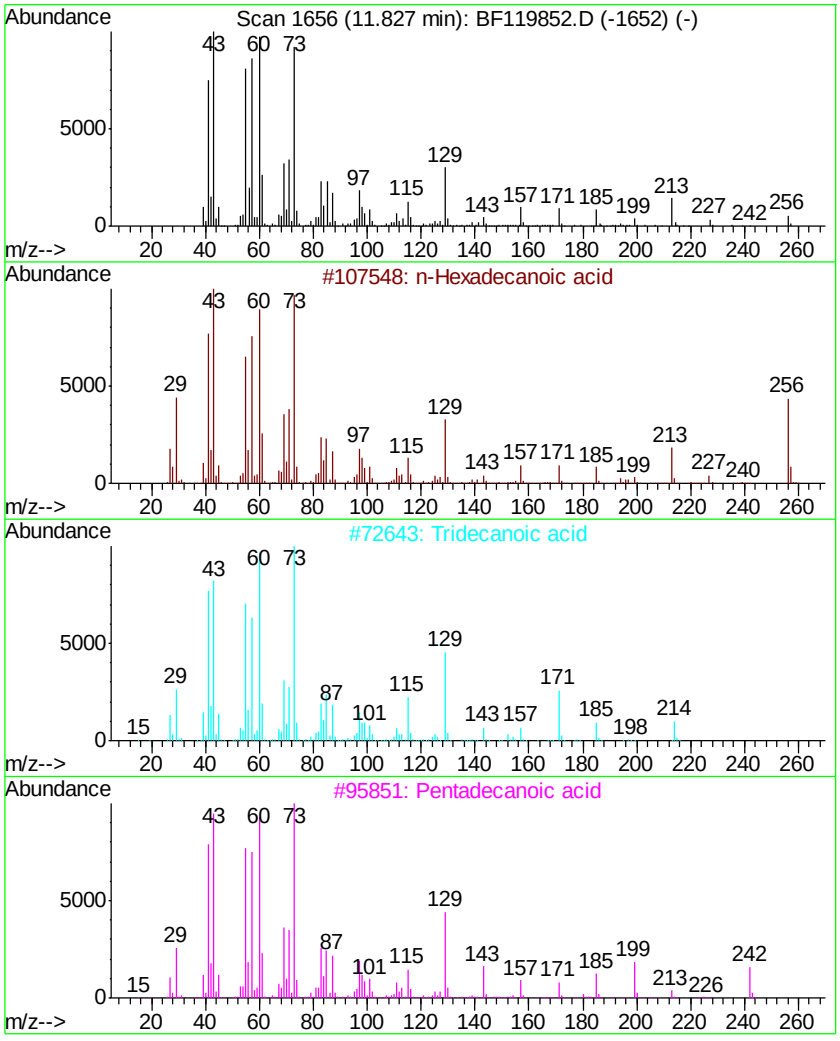
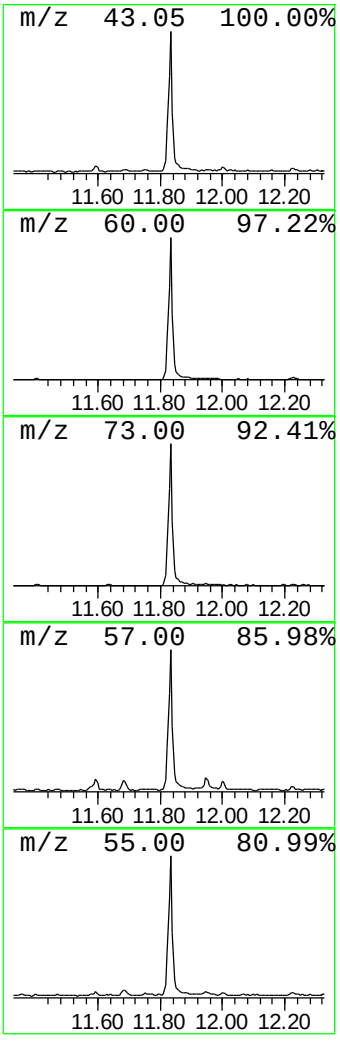
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	19.12 ng	1820530	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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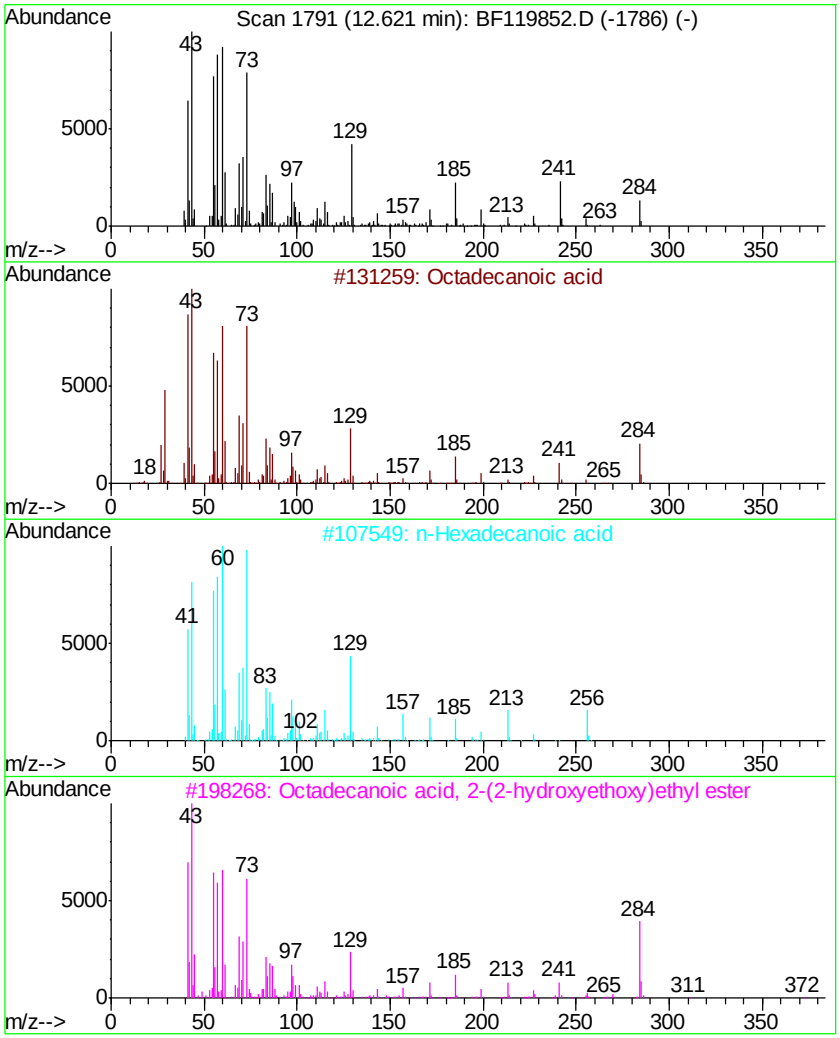
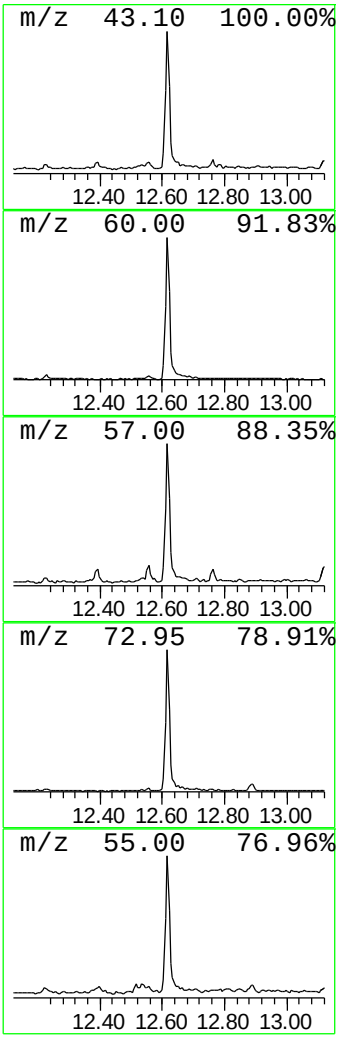
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	13.57 ng	1001660	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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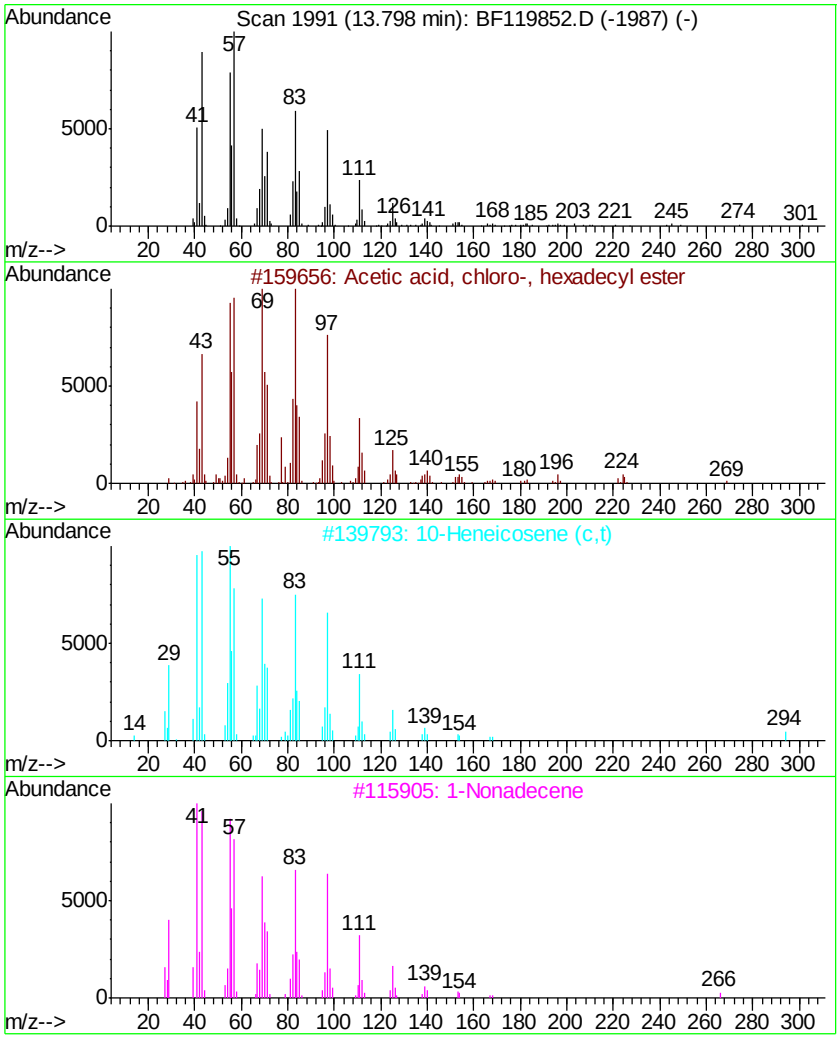
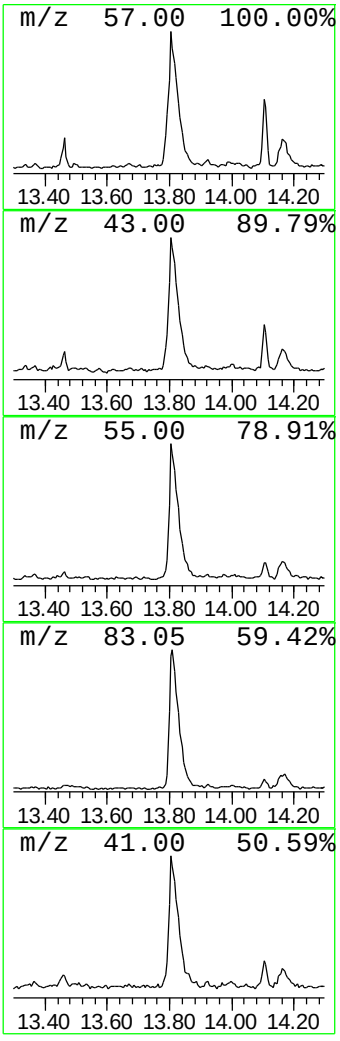
Peak Number 4 Acetic acid, chloro-, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	17.42 ng	1285830	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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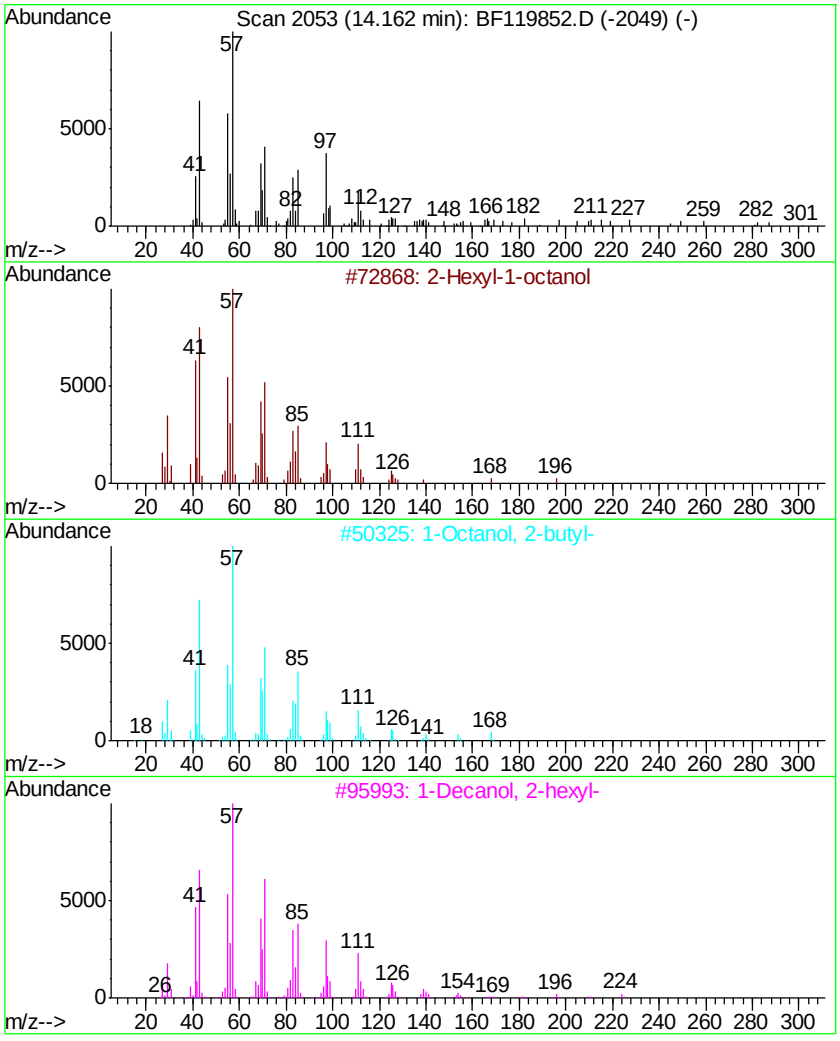
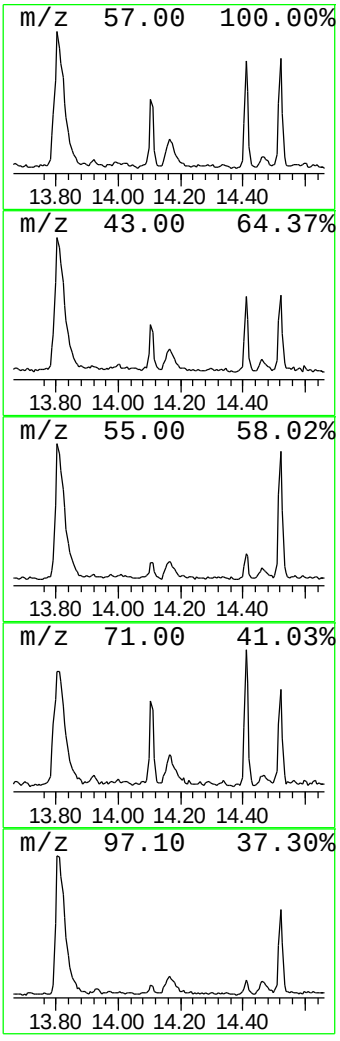
Peak Number 5 2-Hexyl-1-octanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.62 ng	193706	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	86
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
4	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	64
5	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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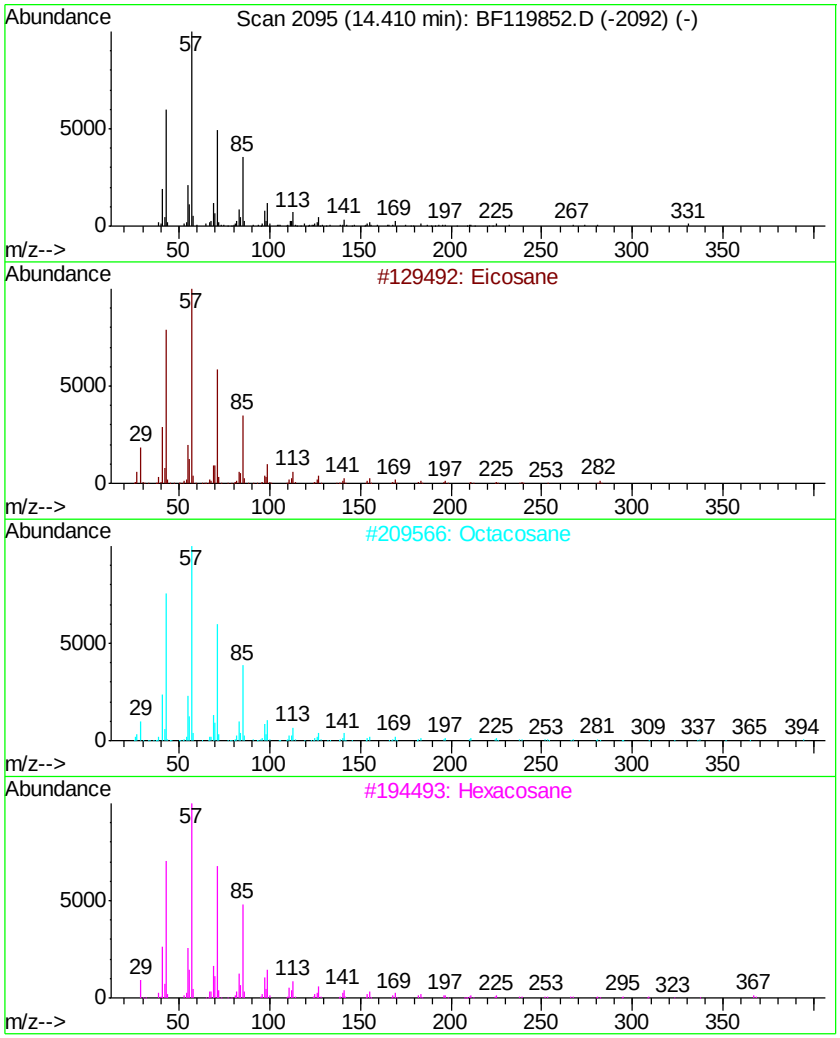
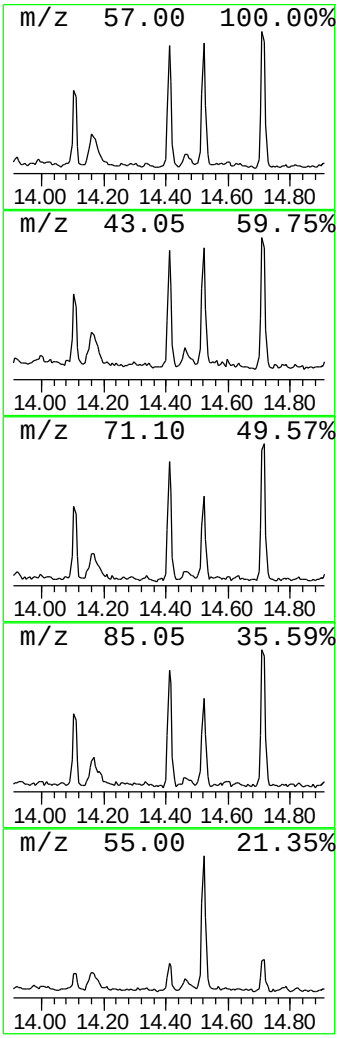
Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.90 ng	213904	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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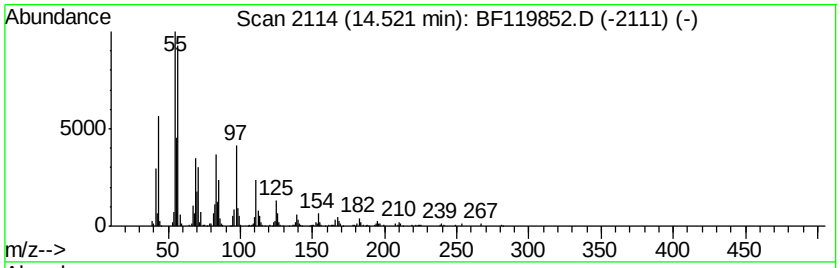
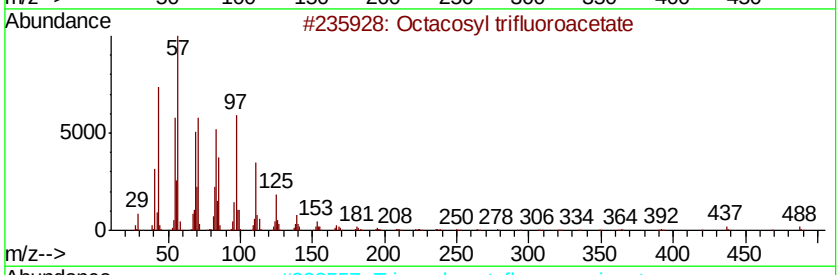
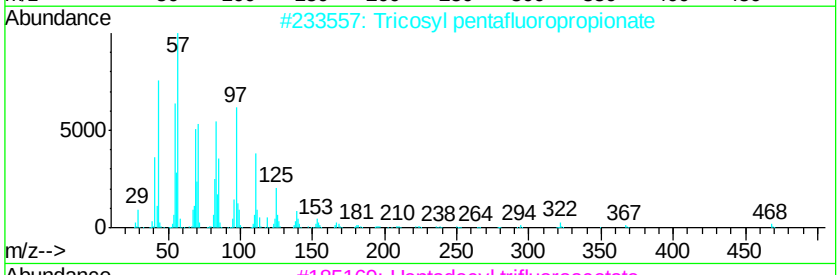
Peak Number 7 Octacosyl trifluoroacetate Concentration Rank 6

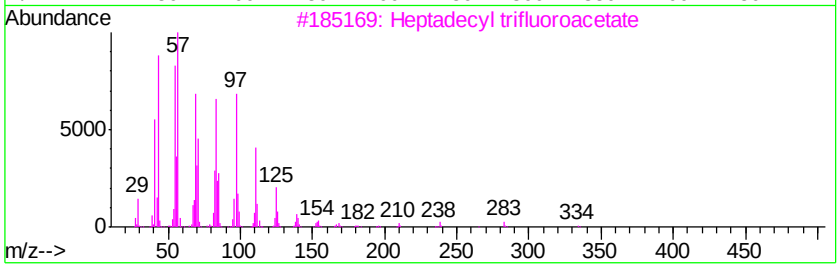
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.10 ng	376195	Chrysene-d12	13.93

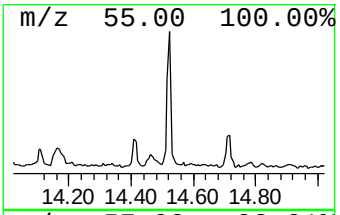
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81
2	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	81
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	81
5	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	81

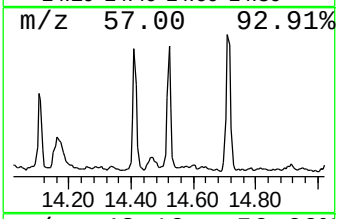


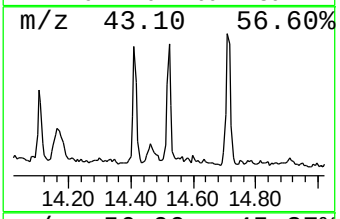


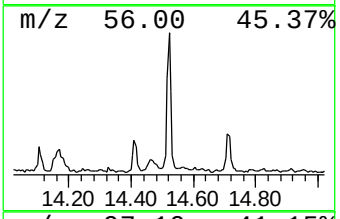


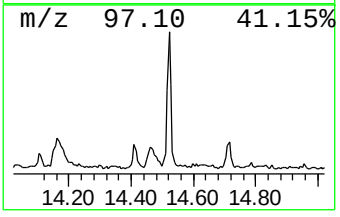












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

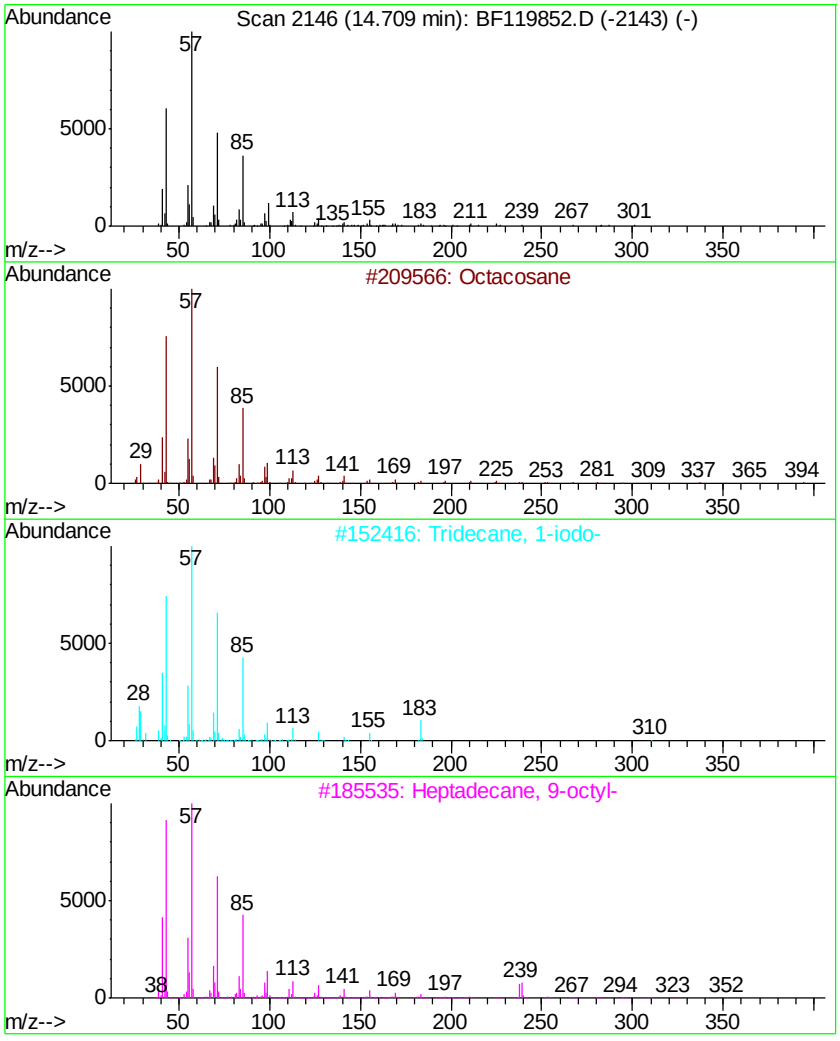
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

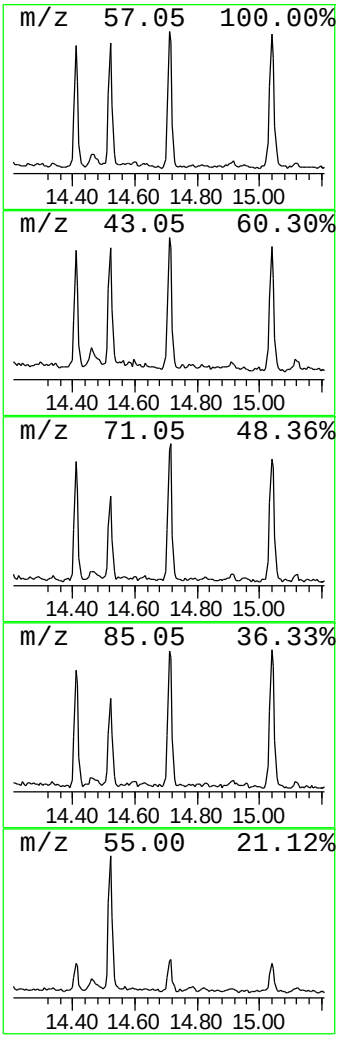
****

Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.26 ng	252379	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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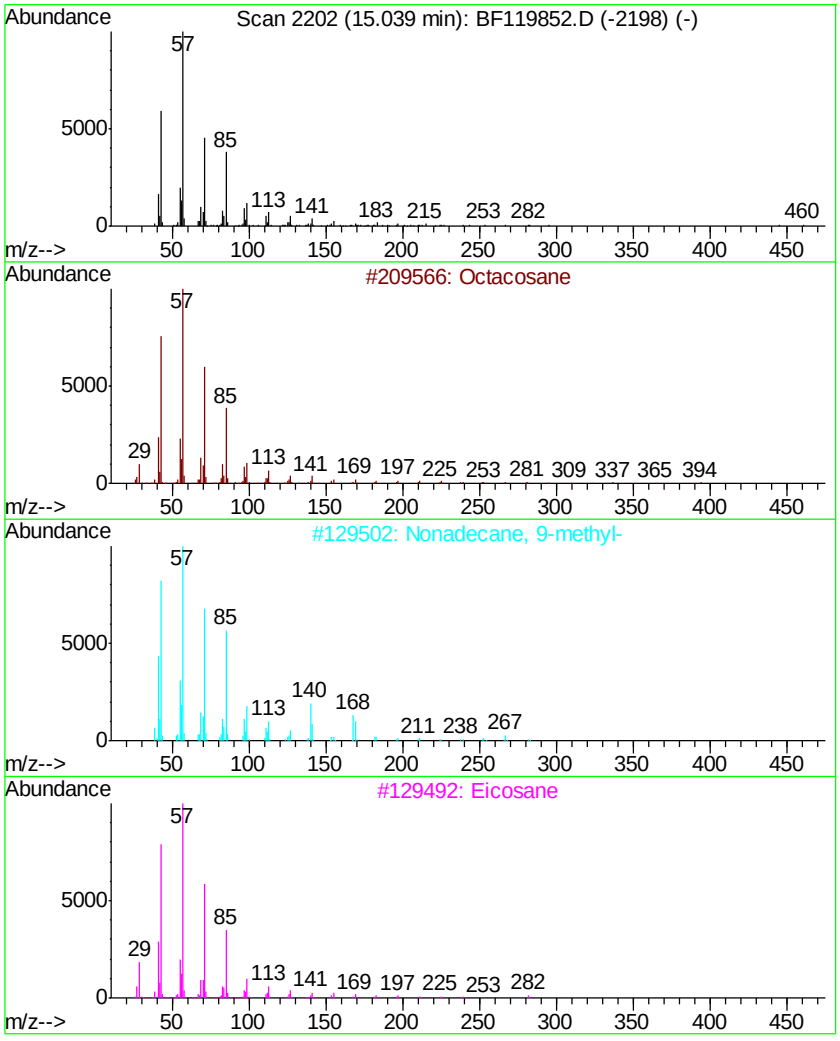
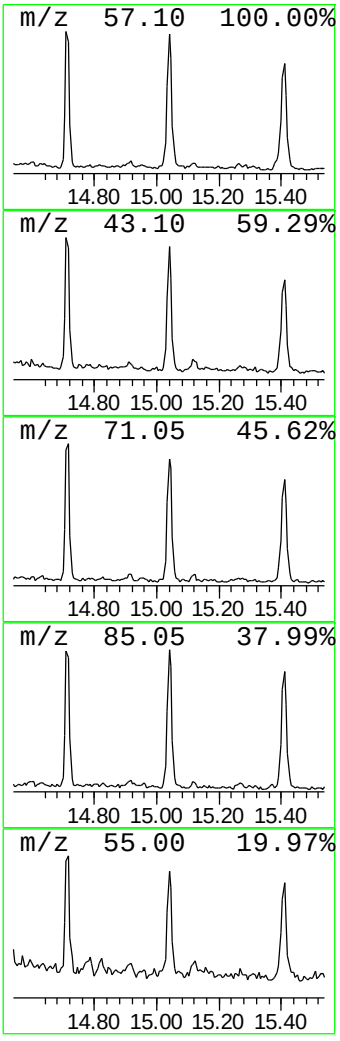
Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.34 ng	316364	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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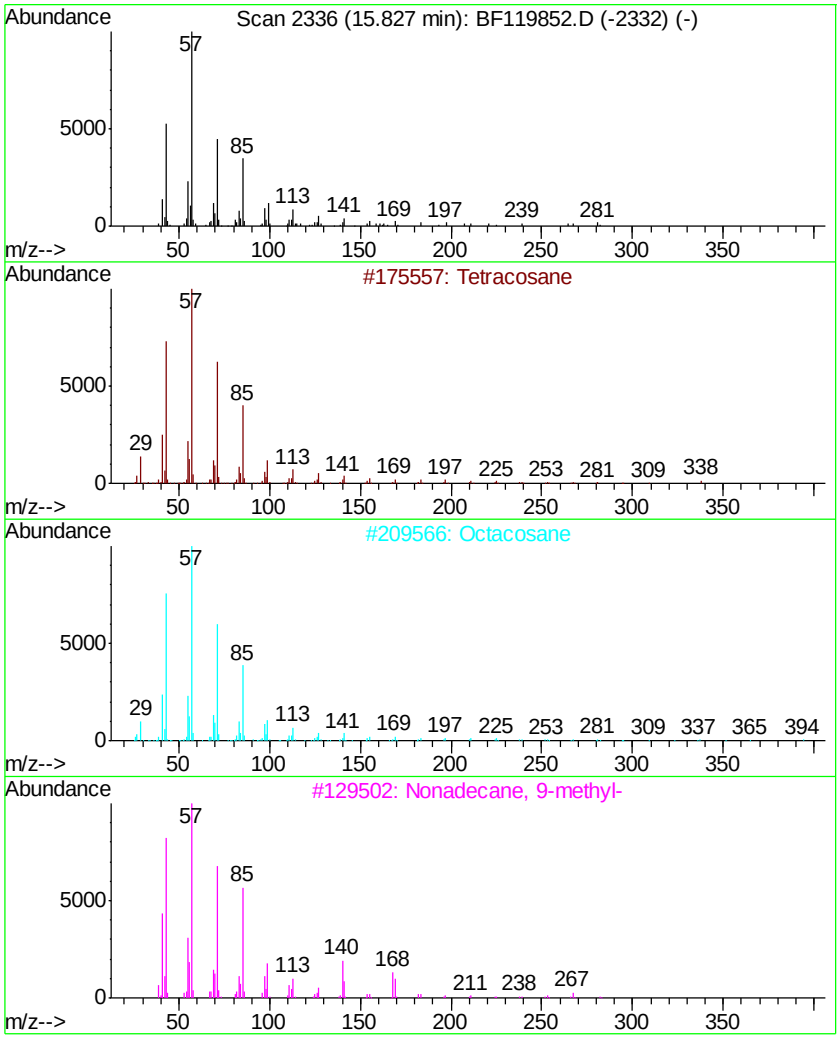
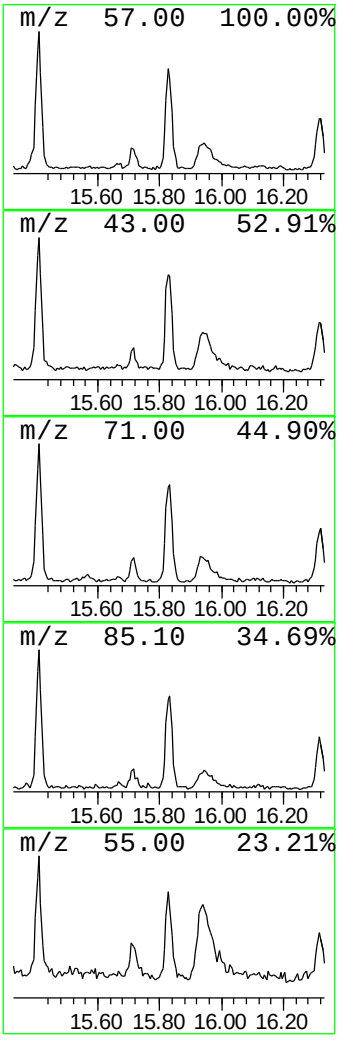
Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.45 ng	204551	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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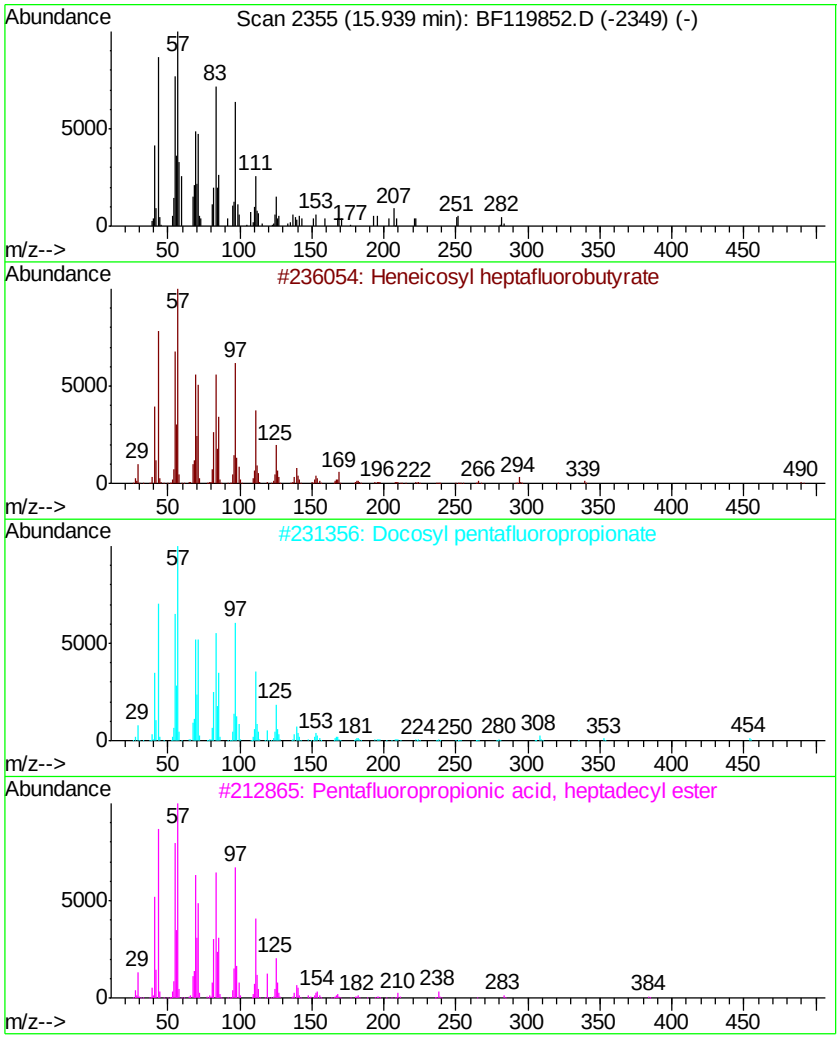
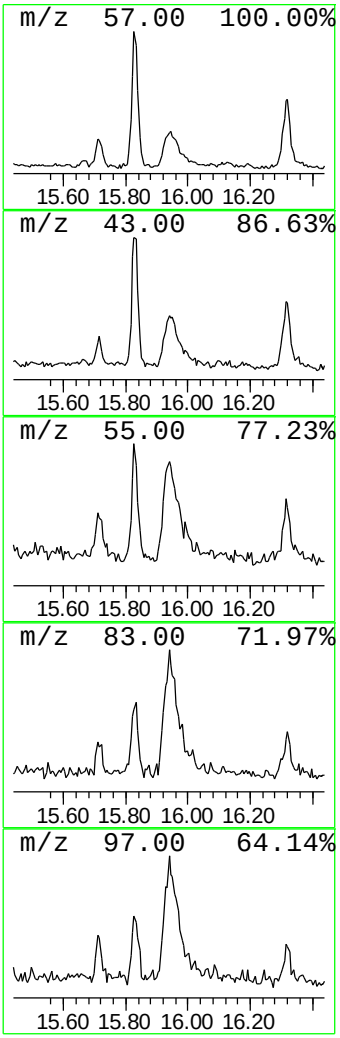
Peak Number 11 Heneicosyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.39 ng	260451	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	74
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	74
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	74
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	74
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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

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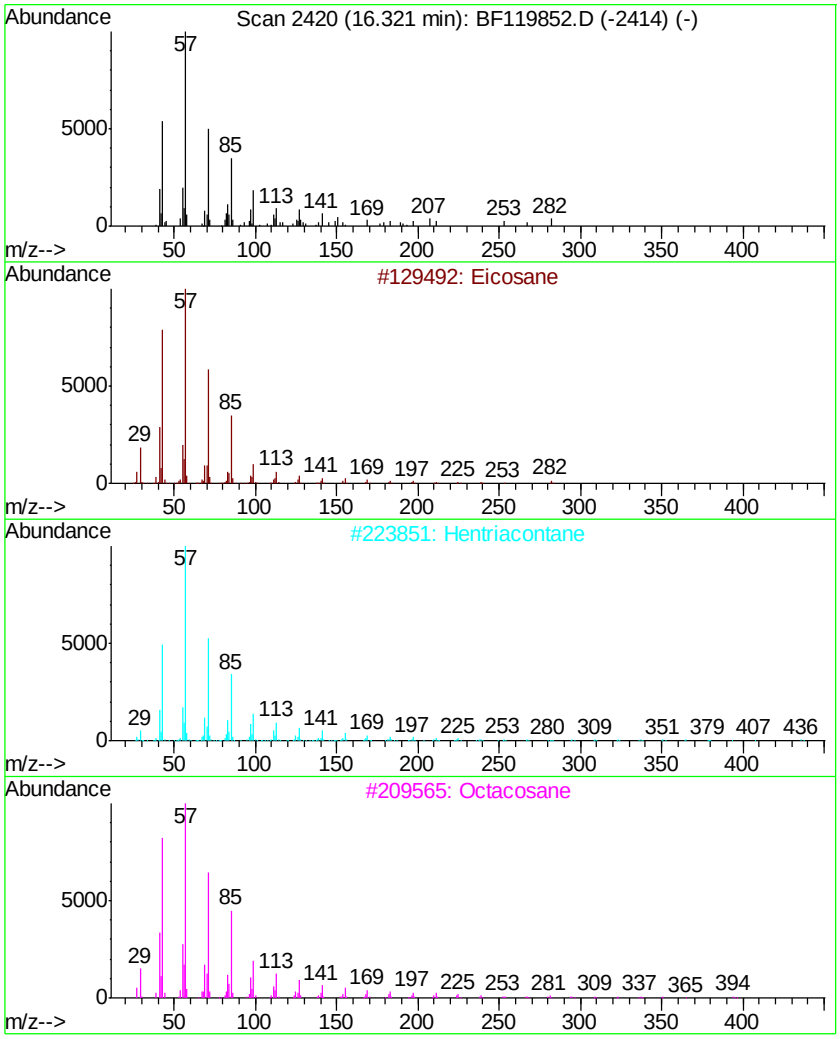
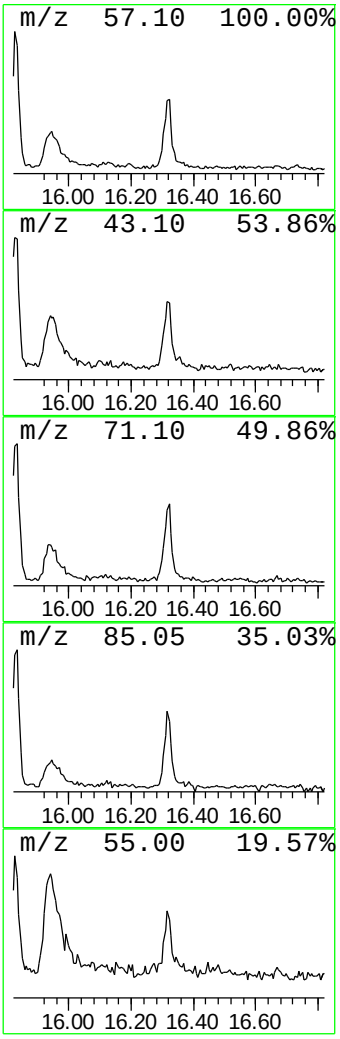
Peak Number 12 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.02 ng	119750	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Pentacosane	352	C25H52	000629-99-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
Data File : BF119852.D
Acq On : 9 Apr 2020 4:29
Operator : MA/SJ
Sample : L2151-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CBH-591

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
n-Hexadecanoic acid	11.83	19.1	ng	1820530	4	11.29	1904290	20.0
Octadecanoic acid	12.62	13.6	ng	1001660	5	13.93	1476670	20.0
Acetic acid, chlo...	13.80	17.4	ng	1285830	5	13.93	1476670	20.0
2-Hexyl-1-octanol	14.16	2.6	ng	193706	5	13.93	1476670	20.0
Eicosane	14.41	2.9	ng	213904	5	13.93	1476670	20.0
Octacosyl trifluo...	14.52	5.1	ng	376195	5	13.93	1476670	20.0
Octacosane	14.71	4.3	ng	252379	6	15.37	1185690	20.0
Nonadecane, 9-met...	15.04	5.3	ng	316364	6	15.37	1185690	20.0
Tetracosane	15.83	3.5	ng	204551	6	15.37	1185690	20.0
Heneicosyl heptaf...	15.94	4.4	ng	260451	6	15.37	1185690	20.0
Hentriacontane	16.32	2.0	ng	119750	6	15.37	1185690	20.0