LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118996.D
Acq On : 21 Feb 2020 16:51
Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

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-BF022020.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	5.381	556	560	572	rBV	1415317	1495993	35.80%	6.093%
2	6.393	729	732	743	rBV	997054	931468	22.29%	3.794%
3	6.757	790	794	802	rBV	907788	790612	18.92%	3.220%
4	6.916	816	821	824	rBV	3189171	2993488	71.64%	12.193%
5	7.316	884	889	893	rBV	2116783	2231244	53.40%	9.088%
6	7.528	921	925	929	rVB	83834	70047	1.68%	0.285%
7	8.034	1007	1011	1015	rBV	1024511	950030	22.74%	3.870%
8	9.110	1190	1194	1198	rBV	4164092	4178235	100.00%	17.018%
9	9.504	1258	1261	1265	rBV	97795	74053	1.77%	0.302%
10	9.786	1305	1309	1313	rBV	1109665	982580	23.52%	4.002%
11	10.575	1439	1443	1447	rBV	2062124	2018760	48.32%	8.223%
12	11.275	1558	1562	1565	rBV	938961	898893	21.51%	3.661%
13	11.804	1648	1652	1661	rBV	269252	317529	7.60%	1.293%
14	12.586	1782	1785	1790	rBV2	109490	124826	2.99%	0.508%
15	12.857	1826	1831	1834	rBV	3954208	3638759	87.09%	14.821%
16	13.433	1927	1929	1932	rVB2	56172	45481	1.09%	0.185%
17	13.757	1981	1984	1992	rBV	310005	456478	10.93%	1.859%
18	13.904	2006	2009	2013	rBV	878797	865798	20.72%	3.526%
19	14.074	2036	2038	2042	rVB	90527	79217	1.90%	0.323%
20	14.374	2087	2089	2093	rBV	117793	120985	2.90%	0.493%
21	14.674	2138	2140	2144	rVB2	182734	162669	3.89%	0.663%
22	14.998	2192	2195	2199	rVB	162279	183448	4.39%	0.747%
23	15.333	2248	2252	2261	rVB	620294	940971	22.52%	3.833%

Sum of corrected areas: 24551564

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
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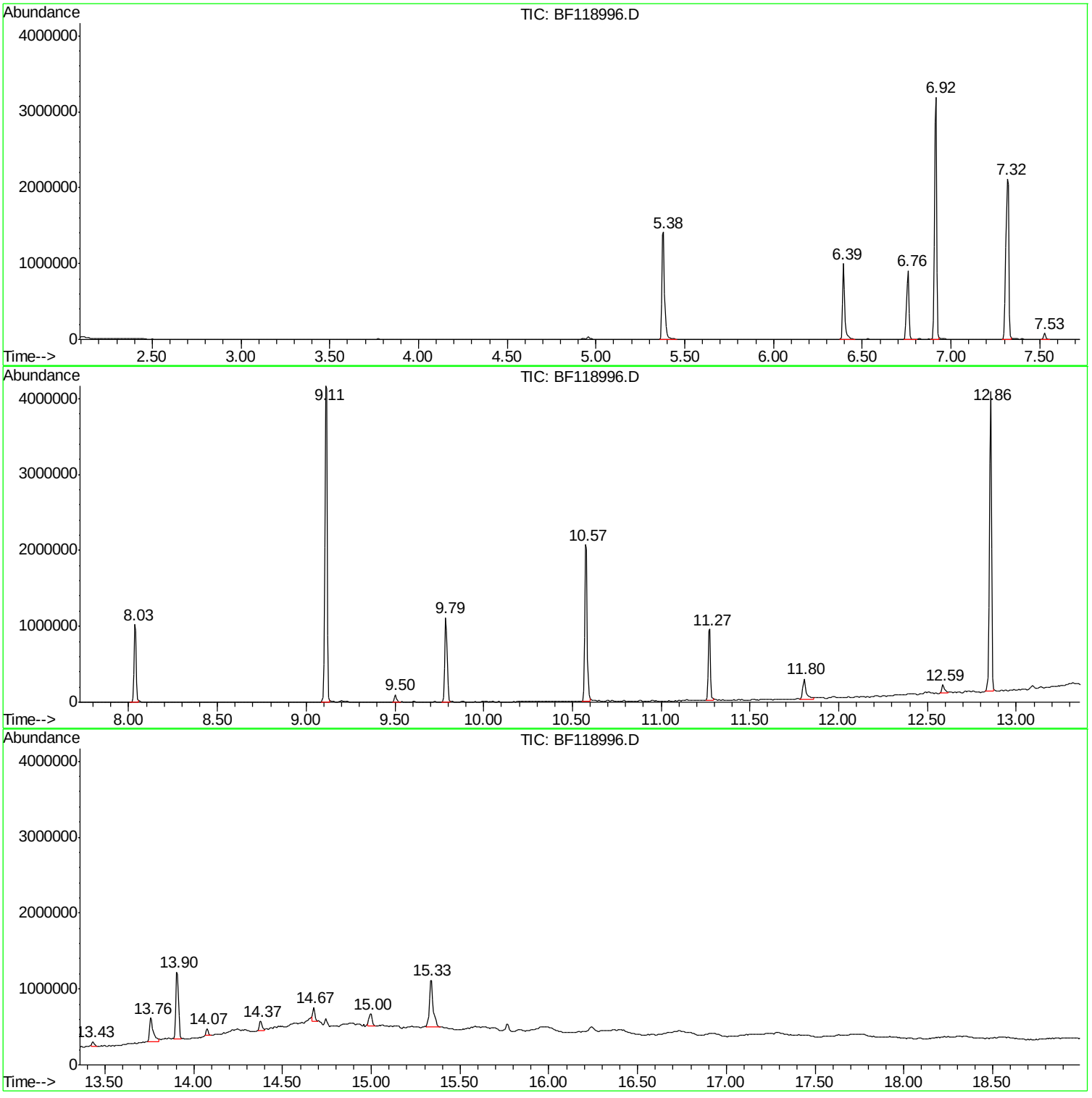
Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118996.D
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Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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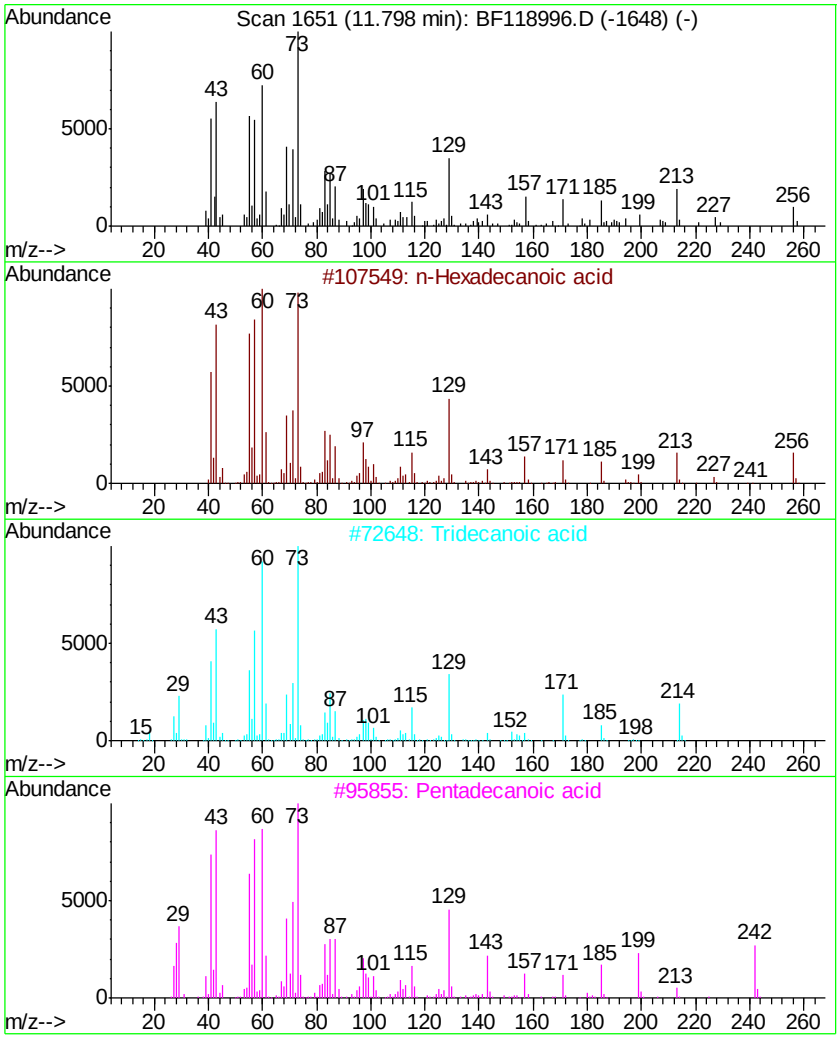
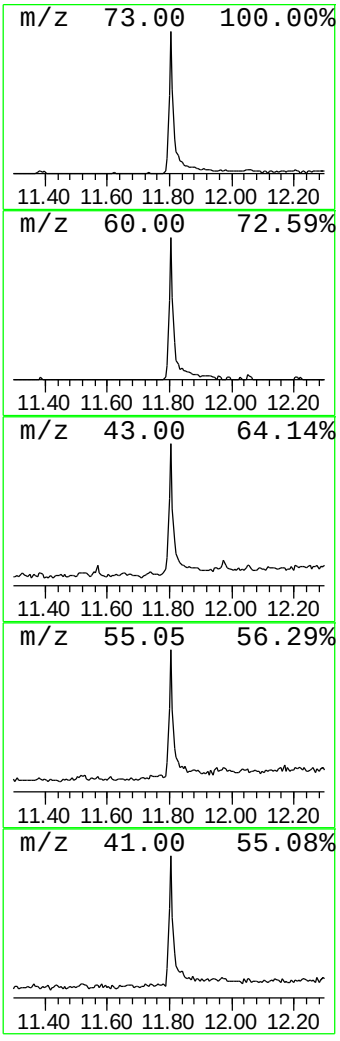
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.06 ng	317529	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	55





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Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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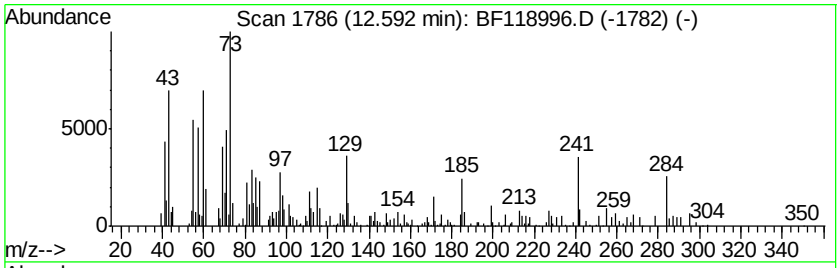
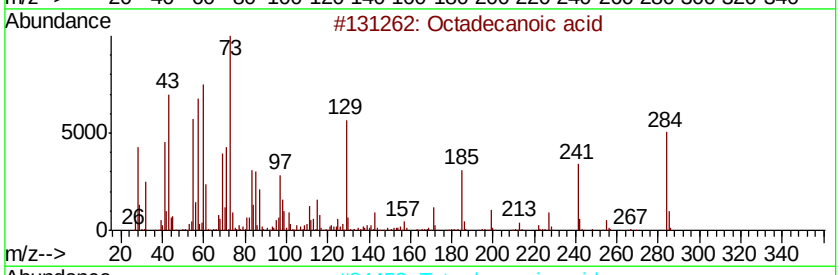
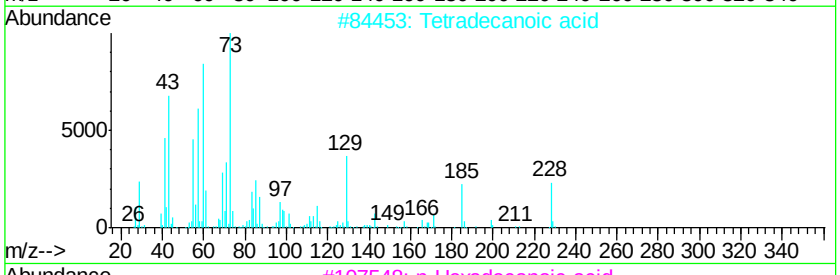
Peak Number 3 Octadecanoic acid Concentration Rank 7

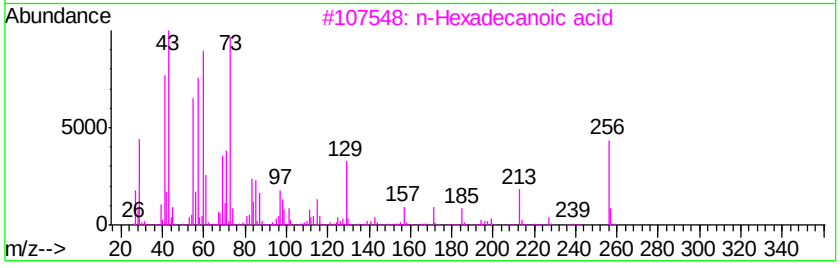
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.78 ng	124826	Phenanthrene-d10	11.27

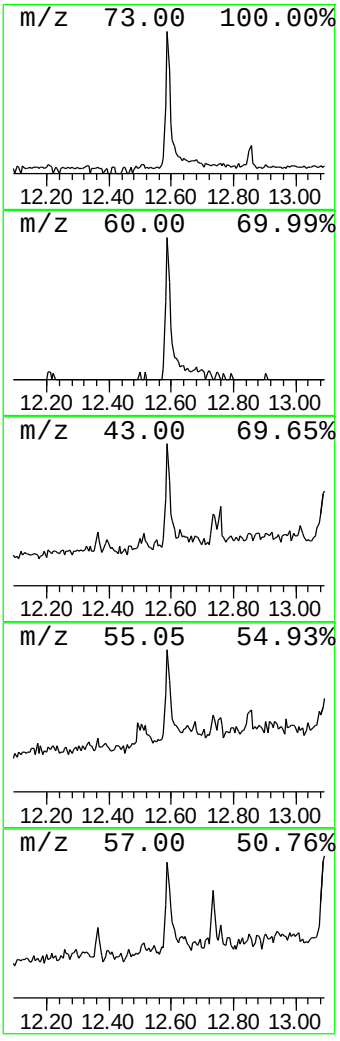
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81











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Data File : BF118996.D
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Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

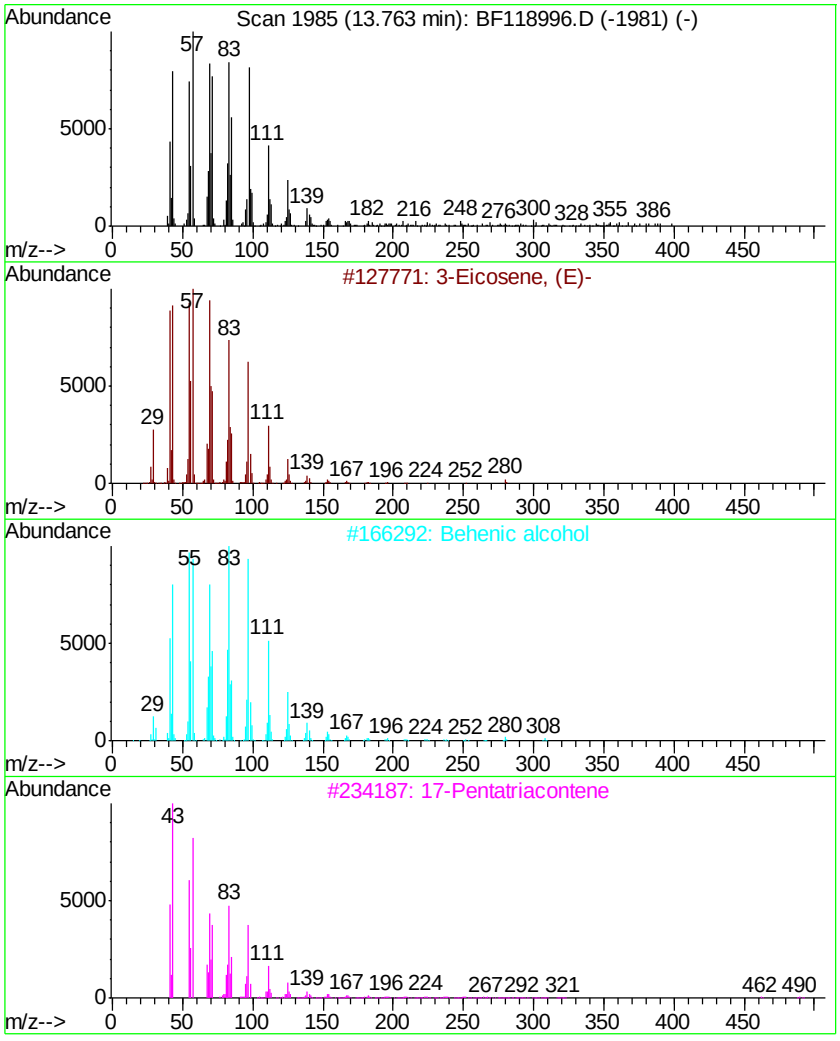
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

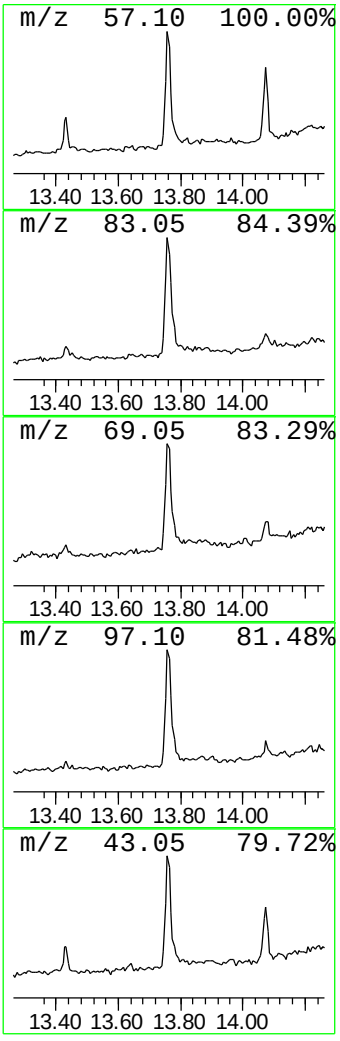
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	10.54 ng	456478	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118996.D
Acq On : 21 Feb 2020 16:51
Operator : CG/JU
Sample : L1605-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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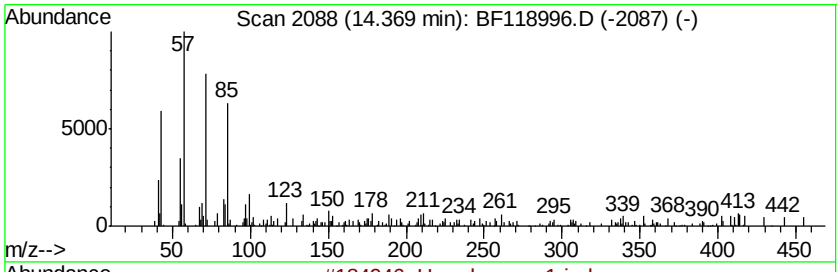
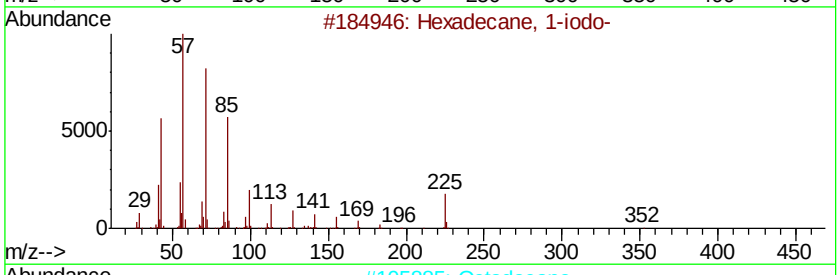
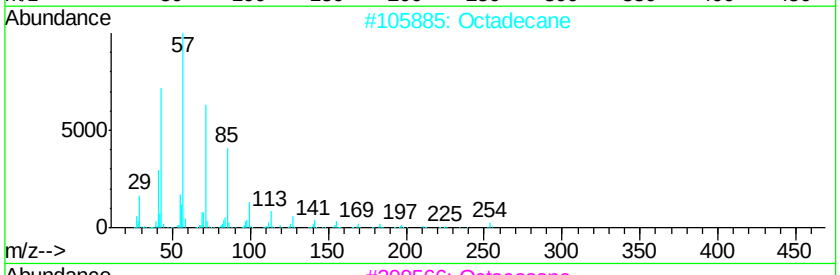
Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 6

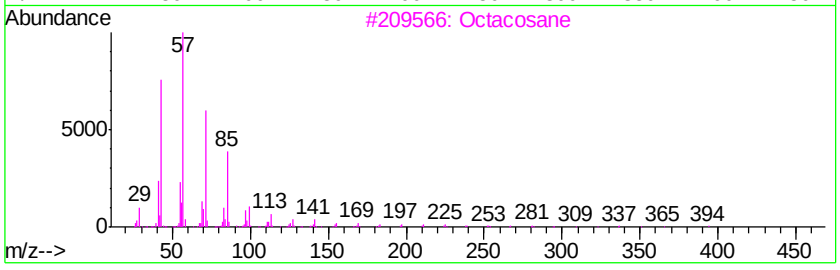
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.79 ng	120985	Chrysene-d12	13.90

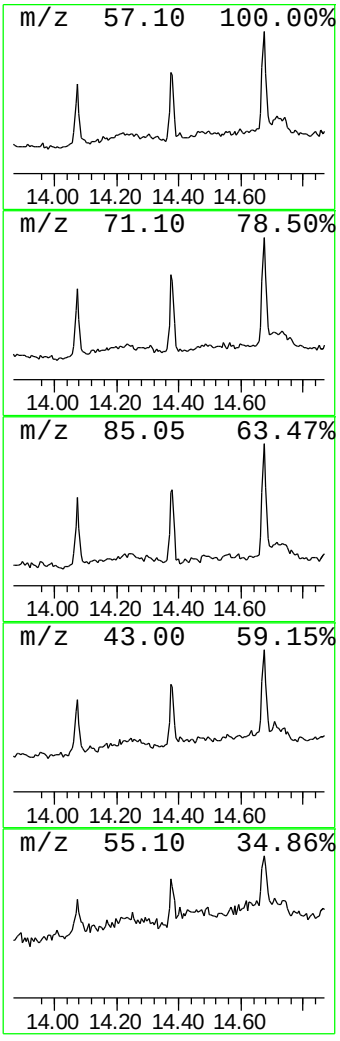
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Nonacosane	408	C29H60	000630-03-5	87
5	Heneicosane	296	C21H44	000629-94-7	87











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118996.D
Acq On : 21 Feb 2020 16:51
Operator : CG/JU
Sample : L1605-01
Misc :
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Instrument : BNA_F
ClientSampleId : HAM-GW-02-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

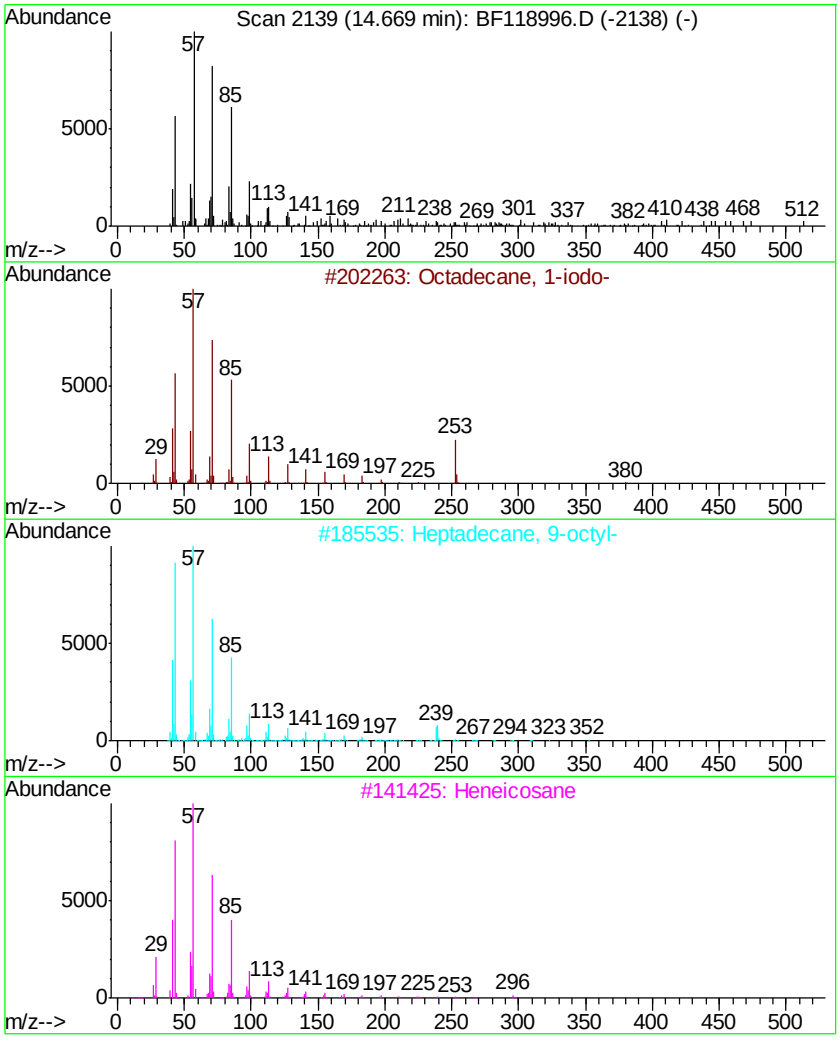
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

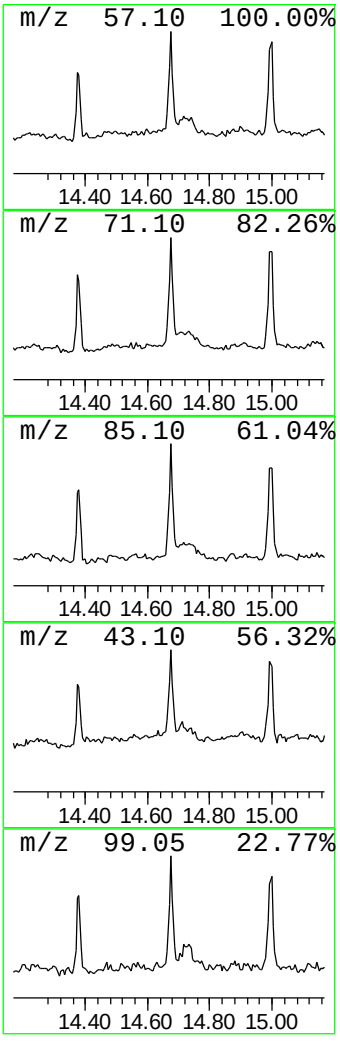
****

Peak Number 6 Octadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.46 ng	162669	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Pentacosane	352	C25H52	000629-99-2	83
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	83





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

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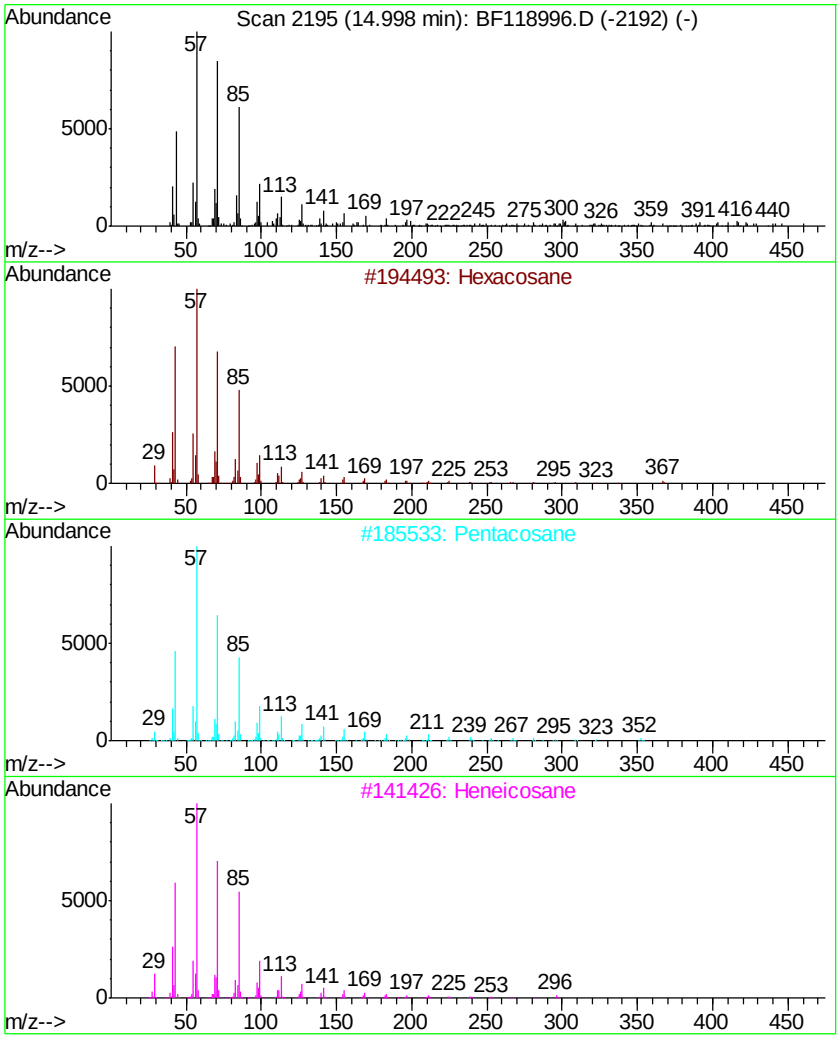
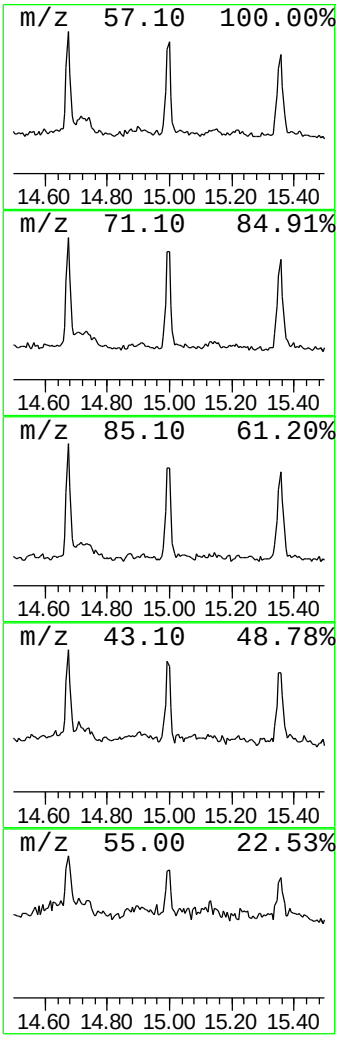
Peak Number 7 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.90 ng	183448	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022120\
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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	11.80	7.1	ng	317529	4	11.27	898893	20.0
Octadecanoic acid	12.59	2.8	ng	124826	4	11.27	898893	20.0
3-Eicosene, (E)-	13.76	10.5	ng	456478	5	13.90	865798	20.0
Hexadecane, 1-iodo-	14.37	2.8	ng	120985	5	13.90	865798	20.0
Octadecane, 1-iodo-	14.67	3.5	ng	162669	6	15.33	940971	20.0
Hexacosane	15.00	3.9	ng	183448	6	15.33	940971	20.0