LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
Operator : CG/JU
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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	5.375	556	559	572	rBV	1049777	1028575	26.62%	4.188%
2	6.392	728	732	744	rBV	644970	642131	16.62%	2.614%
3	6.751	790	793	802	rBV	883232	815672	21.11%	3.321%
4	6.910	816	820	824	rBV	3023815	2792985	72.29%	11.371%
5	7.316	884	889	892	rBV	2153100	2011860	52.07%	8.191%
6	7.528	920	925	929	rVB	95682	80722	2.09%	0.329%
7	8.033	1007	1011	1021	rBV	1141487	994841	25.75%	4.050%
8	9.110	1189	1194	1197	rBV	4257714	3863834	100.00%	15.731%
9	9.504	1257	1261	1265	rVB	105747	87130	2.26%	0.355%
10	9.786	1305	1309	1313	rBV	1210879	1021103	26.43%	4.157%
11	10.574	1439	1443	1451	rBV	1799258	1593773	41.25%	6.489%
12	11.268	1557	1561	1564	rBV	1218187	989345	25.61%	4.028%
13	11.804	1648	1652	1661	rBV	359108	405754	10.50%	1.652%
14	12.480	1764	1767	1770	rBV	54312	61562	1.59%	0.251%
15	12.586	1782	1785	1792	rBV	161290	206638	5.35%	0.841%
16	12.851	1826	1830	1834	rBV	3668483	3759590	97.30%	15.307%
17	13.086	1868	1870	1875	rVB4	44274	43819	1.13%	0.178%
18	13.427	1926	1928	1933	rVB3	47732	47956	1.24%	0.195%
19	13.757	1981	1984	1993	rBV	459009	605271	15.67%	2.464%
20	13.904	2005	2009	2013	rBV	1123894	1051591	27.22%	4.281%
21	14.074	2035	2038	2044	rVB	118738	120416	3.12%	0.490%
22	14.374	2086	2089	2092	rBV	206076	194696	5.04%	0.793%
23	14.674	2137	2140	2144	rVB	263473	246212	6.37%	1.002%
24	14.745	2149	2152	2156	rVB	94648	92198	2.39%	0.375%
25	14.992	2191	2194	2198	rVB	252400	290894	7.53%	1.184%
26	15.333	2248	2252	2261	rVB2	756670	1181498	30.58%	4.810%
27	15.762	2321	2325	2330	rVB	160629	220641	5.71%	0.898%
28	16.239	2403	2406	2411	rVB	73274	110654	2.86%	0.451%

Sum of corrected areas: 24561361

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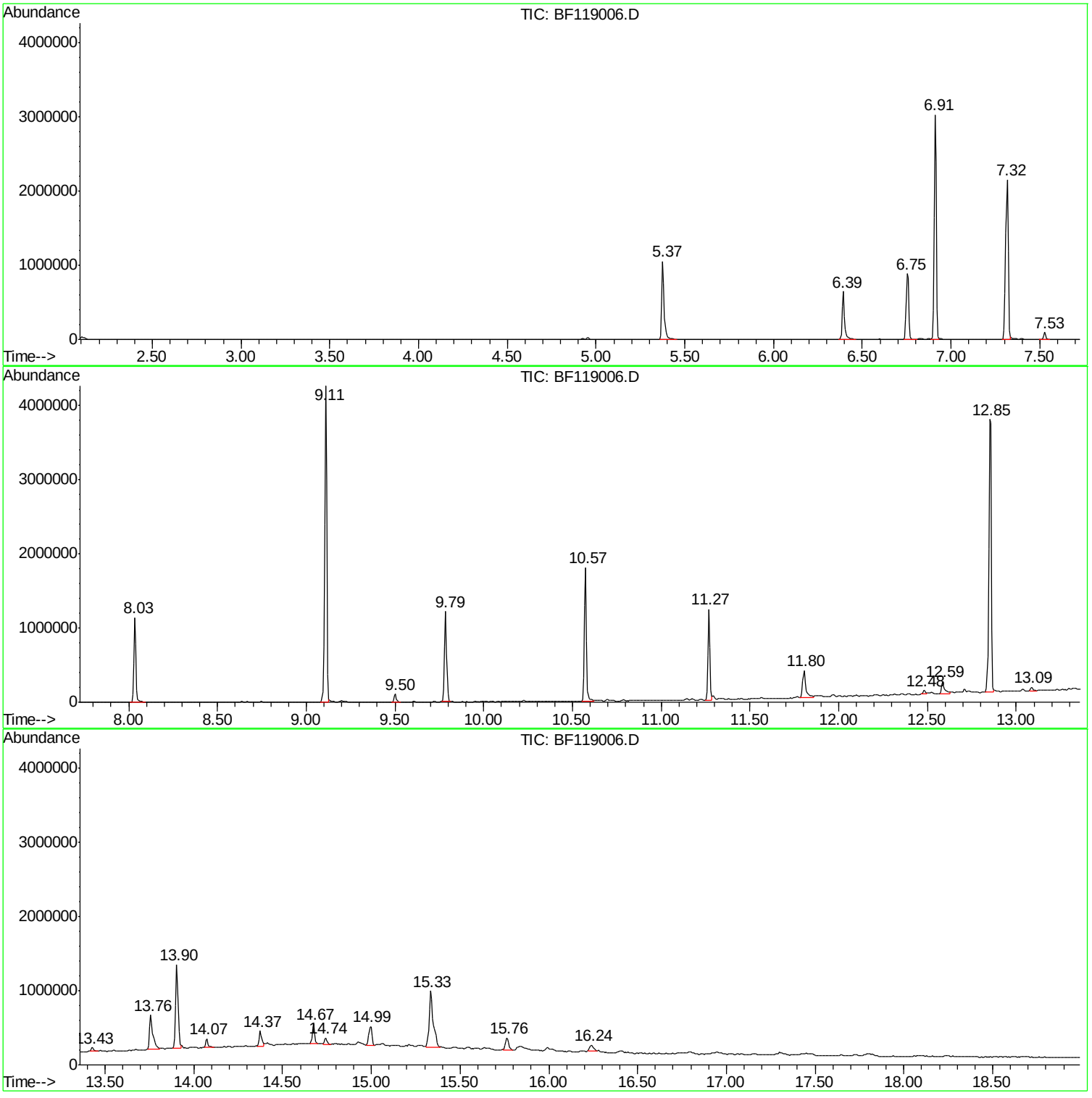
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAM-WC-L-02

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
Operator : CG/JU
Sample : L1603-02
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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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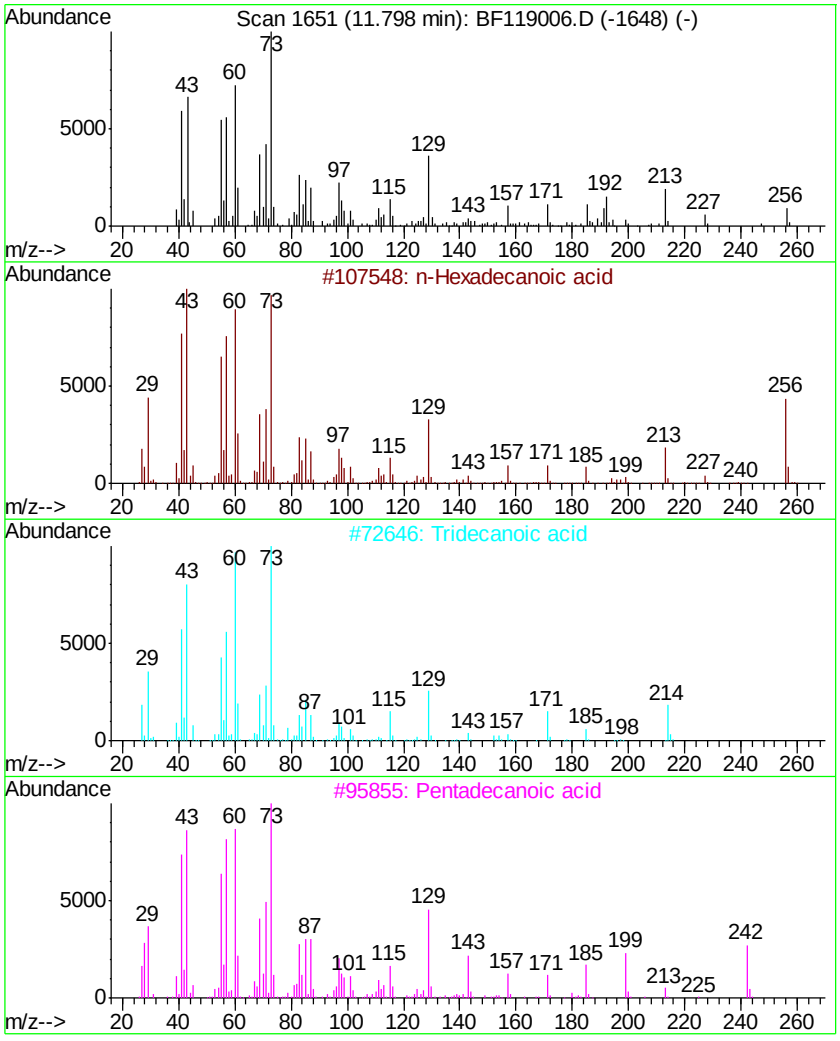
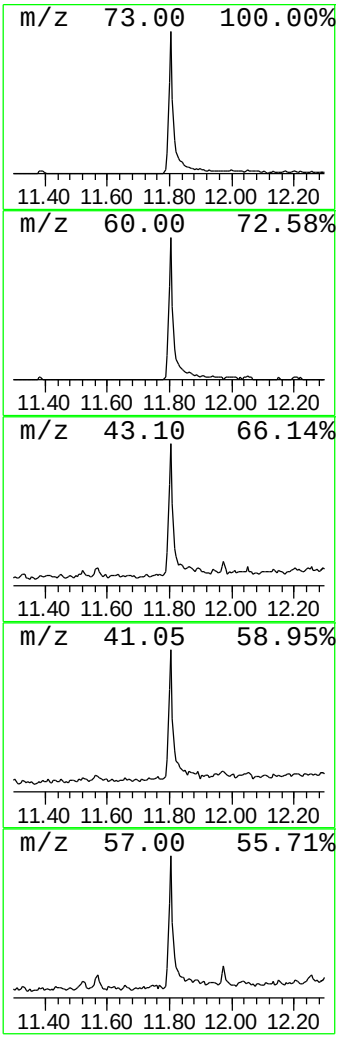
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.20 ng	405754	Phenanthrene-d10	11.27

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	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
Operator : CG/JU
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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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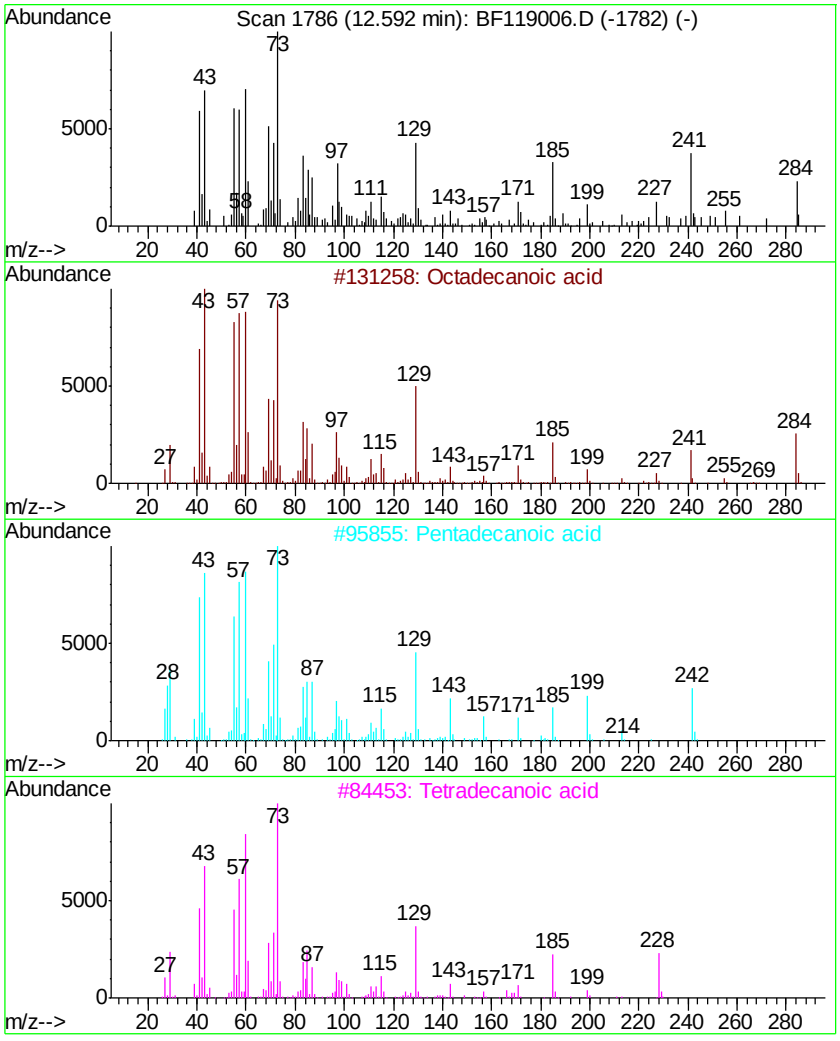
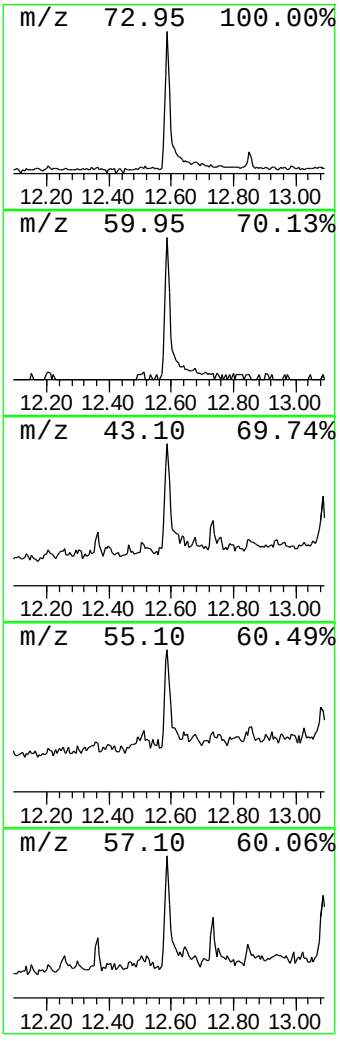
Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	3.93 ng	206638	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Tridecane	184	C13H28	000629-50-5	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
Operator : CG/JU
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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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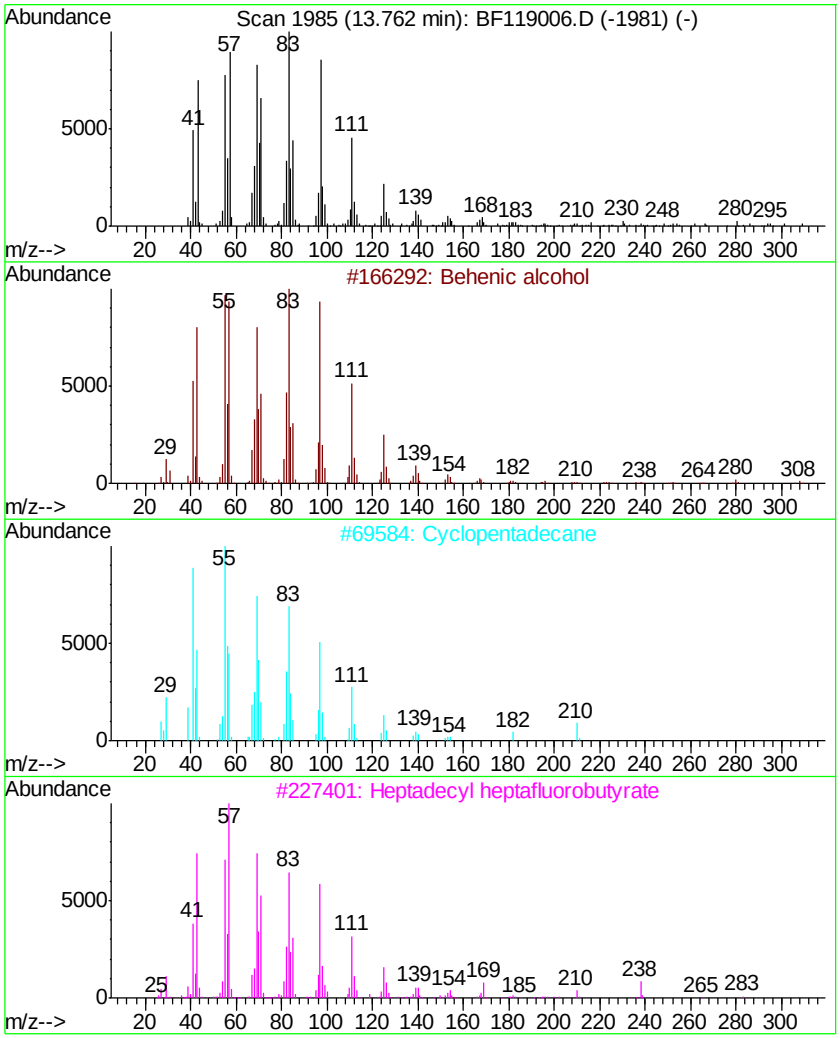
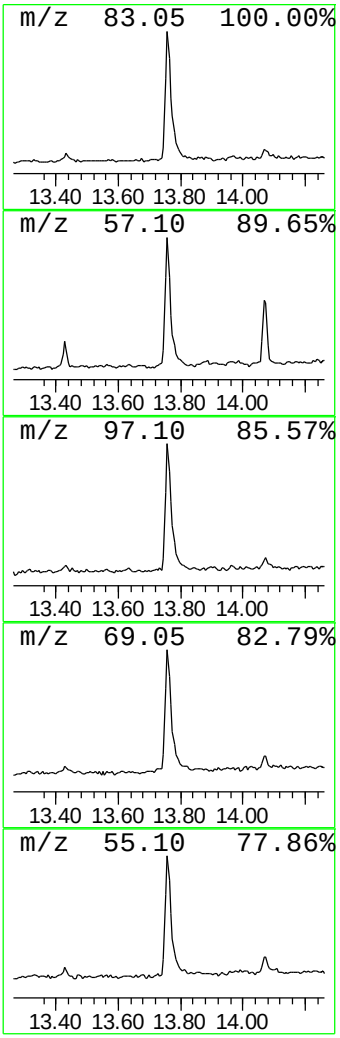
Peak Number 4 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	11.51 ng	605271	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	89
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
Operator : CG/JU
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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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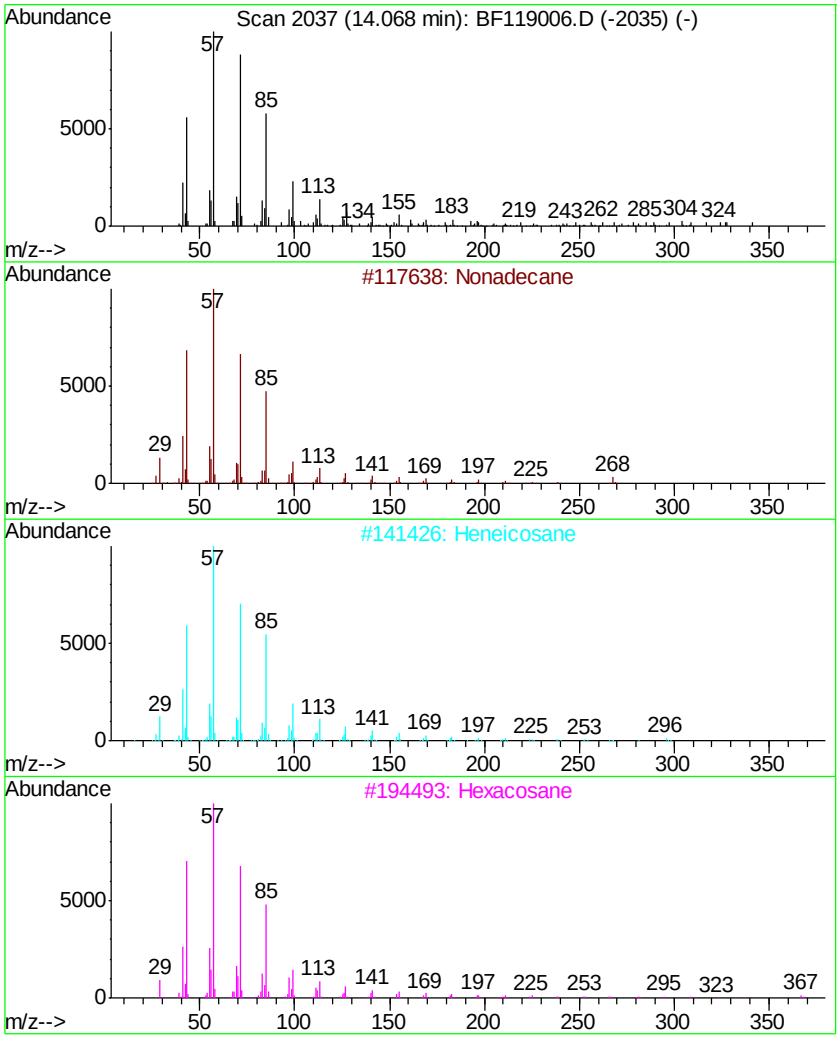
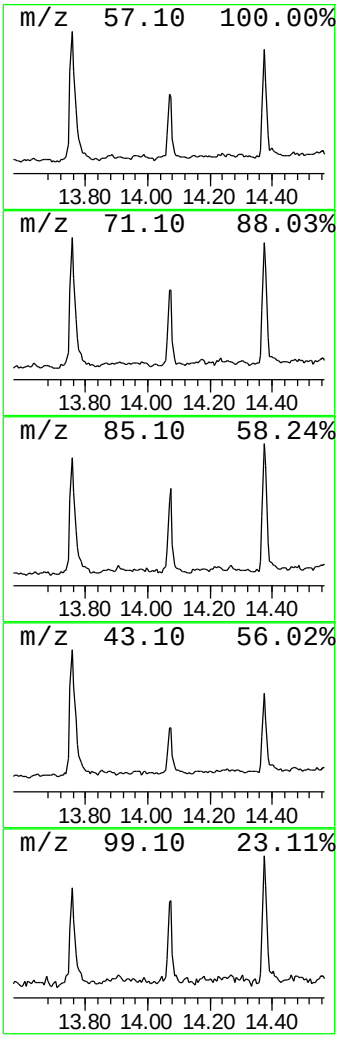
Peak Number 5 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.29 ng	120416	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Triacontane	422	C30H62	000638-68-6	91





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Operator : CG/JU
Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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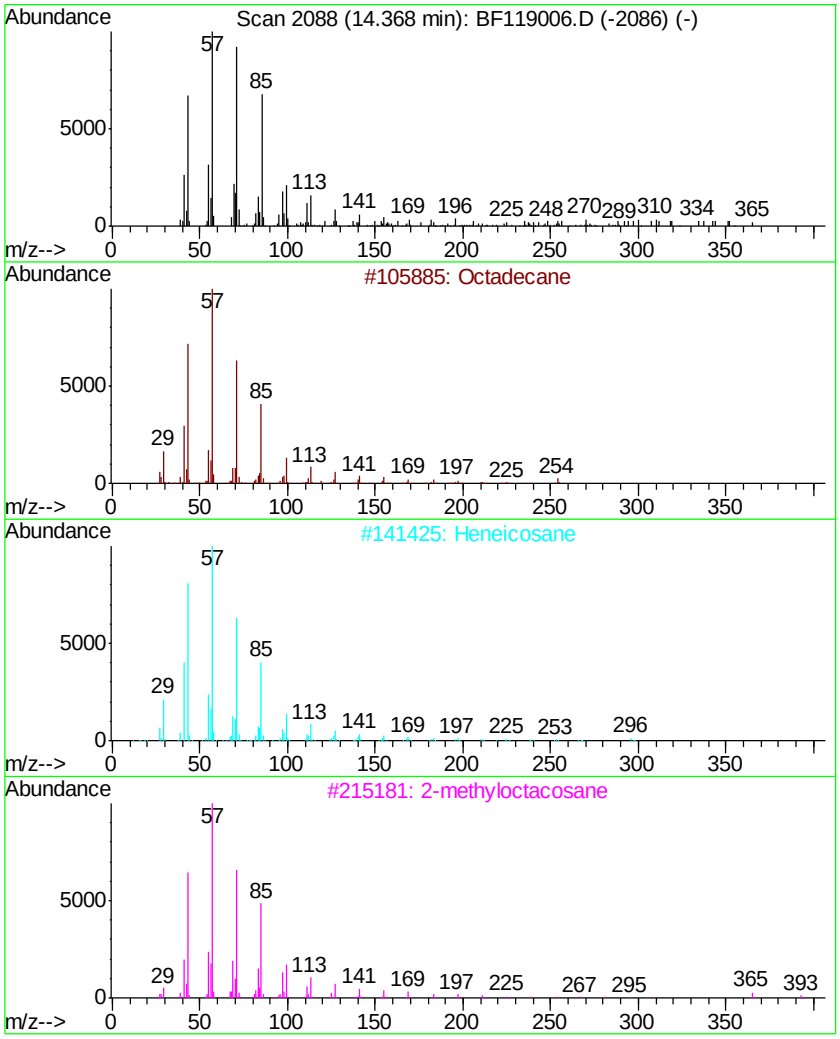
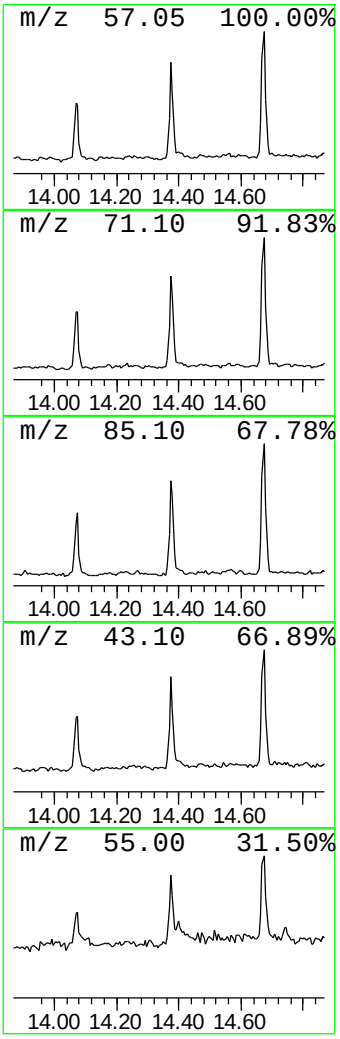
Peak Number 6 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.70 ng	194696	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : L1603-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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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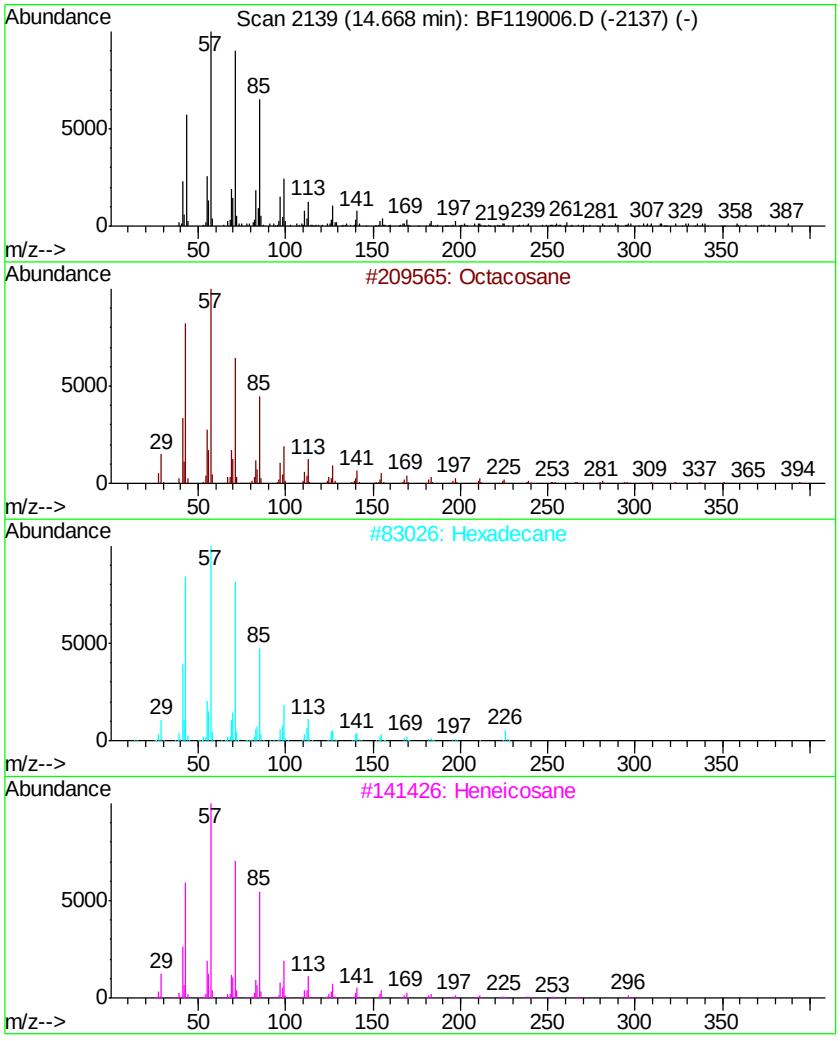
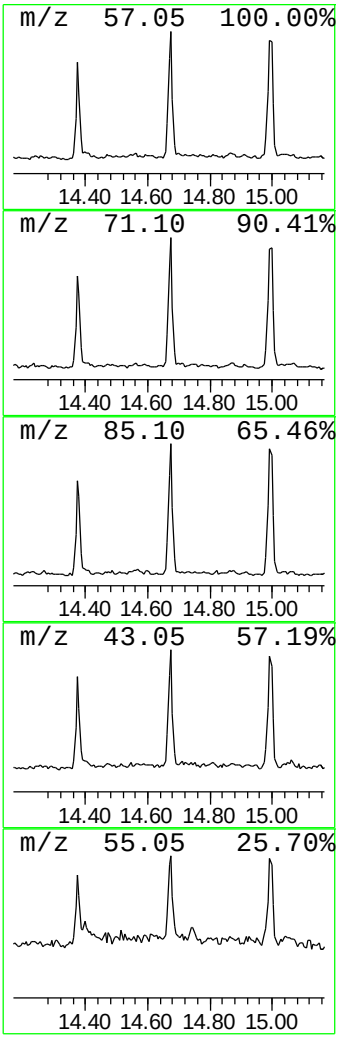
Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	4.17 ng	246212	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Triacontane	422	C30H62	000638-68-6	91





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Sample : L1603-02
Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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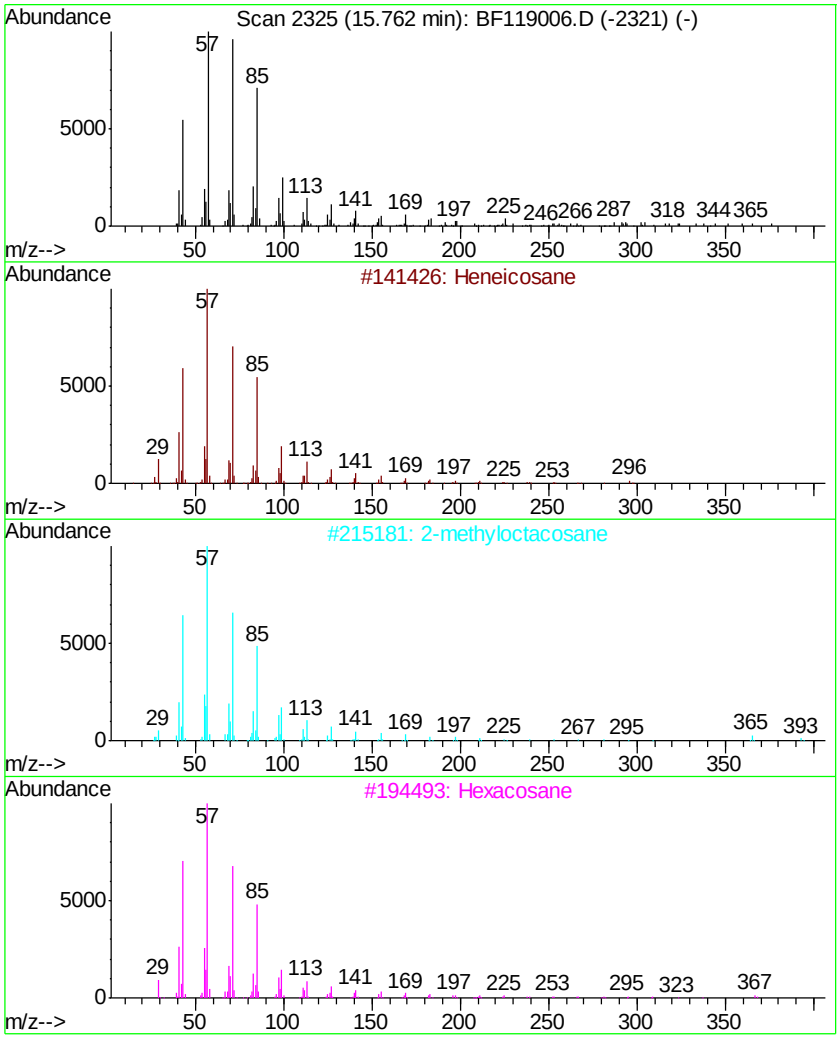
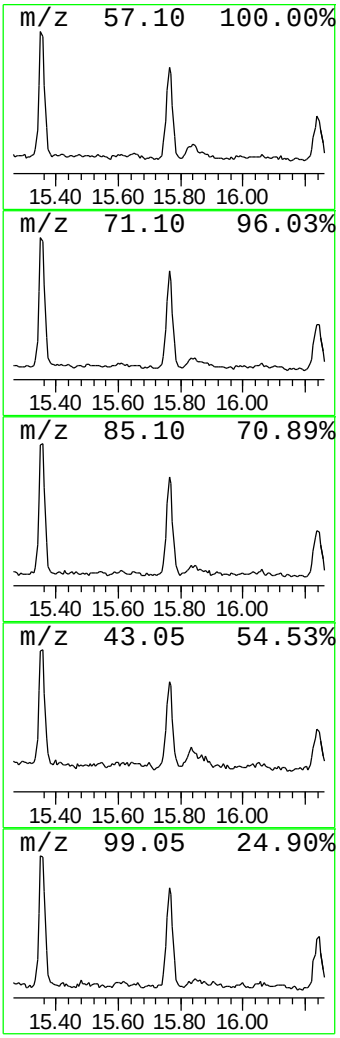
Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.73 ng	220641	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022120\
Data File : BF119006.D
Acq On : 21 Feb 2020 21:44
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Sample : L1603-02
Misc :
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Instrument : BNA_F
ClientSampleId : HAM-WC-L-02

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	11.80	8.2	ng	405754	4	11.27	989345	20.0
Octadecanoic acid	12.59	3.9	ng	206638	5	13.90	1051590	20.0
Behenic alcohol	13.76	11.5	ng	605271	5	13.90	1051590	20.0
Nonadecane	14.07	2.3	ng	120416	5	13.90	1051590	20.0
Octadecane	14.37	3.7	ng	194696	5	13.90	1051590	20.0
Octacosane	14.67	4.2	ng	246212	6	15.33	1181500	20.0
Heneicosane	15.76	3.7	ng	220641	6	15.33	1181500	20.0