LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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	5.251	535	538	552	rBV	2055876	2138547	73.19%	9.869%
2	6.298	713	716	728	rBV	2323635	2174448	74.41%	10.035%
3	6.645	772	775	780	rBV	654380	547058	18.72%	2.525%
4	6.804	798	802	805	rBV	2187778	1785311	61.10%	8.239%
5	7.216	868	872	875	rBV	1728917	1420653	48.62%	6.556%
6	7.933	990	994	997	rBV	943118	702662	24.05%	3.243%
7	9.016	1174	1178	1181	rBV	3321243	2602436	89.06%	12.010%
8	9.416	1242	1246	1249	rBV	243361	208869	7.15%	0.964%
9	9.692	1289	1293	1296	rBV	893261	792415	27.12%	3.657%
10	10.480	1423	1427	1430	rBV	1984618	1669501	57.13%	7.705%
11	11.174	1541	1545	1549	rBV	1080914	862361	29.51%	3.980%
12	11.721	1634	1638	1649	rBV	454653	458404	15.69%	2.115%
13	12.504	1768	1771	1781	rBV	265176	277026	9.48%	1.278%
14	12.768	1811	1816	1819	rBV	3284565	2922083	100.00%	13.485%
15	13.251	1890	1898	1904	rBV	133510	139527	4.77%	0.644%
16	13.674	1966	1970	1978	rBV	237885	328775	11.25%	1.517%
17	13.815	1990	1994	1998	rBV	978431	843594	28.87%	3.893%
18	13.998	2021	2025	2033	rBV	55995	64972	2.22%	0.300%
19	14.298	2072	2076	2086	rBV	99724	133099	4.55%	0.614%
20	14.574	2119	2123	2124	rBV	62644	58157	1.99%	0.268%
21	14.592	2124	2126	2131	rVB	124180	129676	4.44%	0.598%
22	14.904	2176	2179	2184	rBV	138811	153728	5.26%	0.709%
23	15.221	2228	2233	2236	rBV	662174	756343	25.88%	3.490%
24	15.256	2236	2239	2251	rVB	131181	165389	5.66%	0.763%
25	15.656	2302	2307	2311	rBV	121572	159381	5.45%	0.736%
26	15.715	2313	2317	2323	rBV7	29419	57414	1.96%	0.265%
27	16.115	2380	2385	2389	rBV	49173	81726	2.80%	0.377%
28	16.656	2472	2477	2482	rBV5	21465	35274	1.21%	0.163%

Sum of corrected areas: 21668829

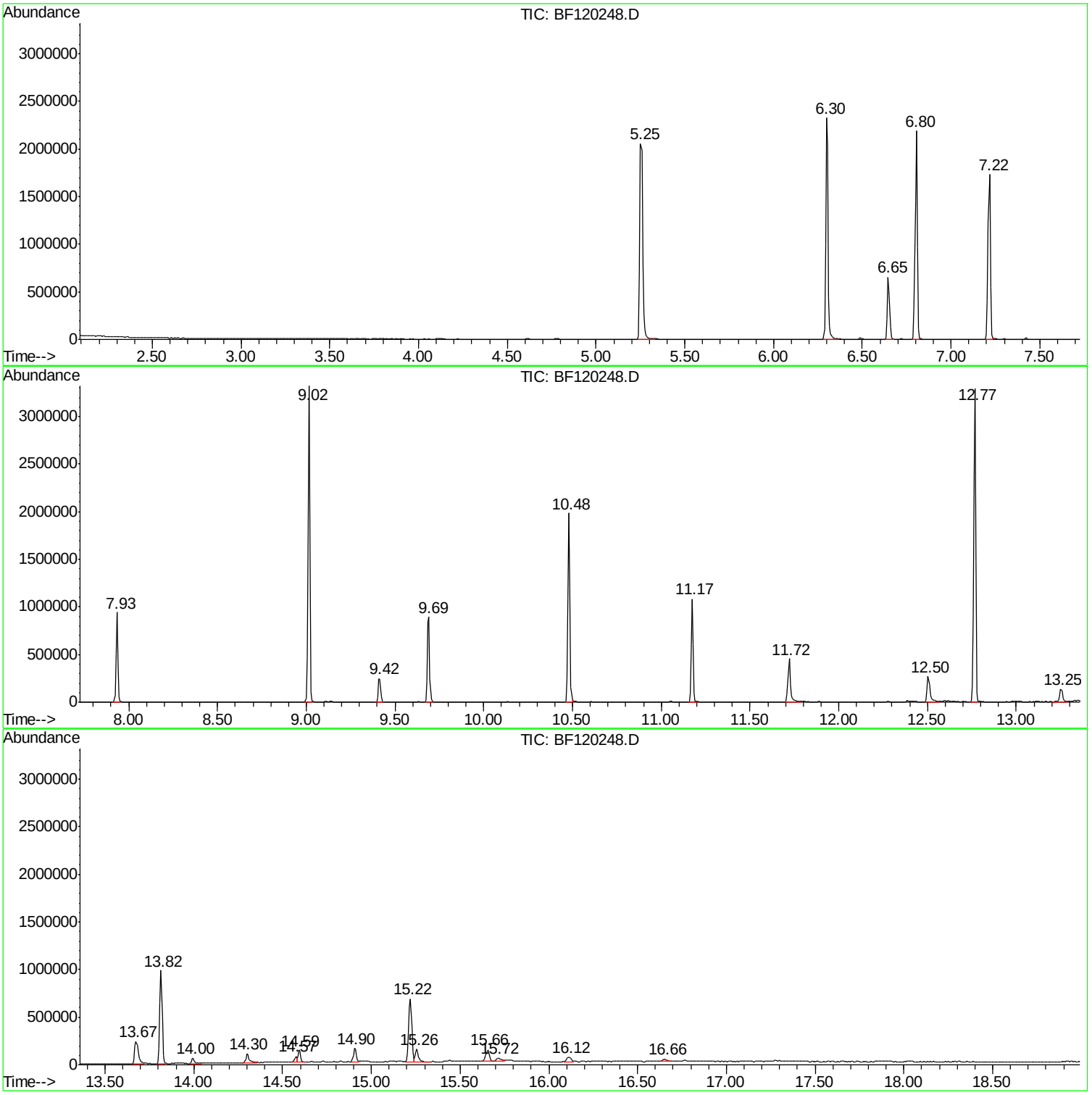
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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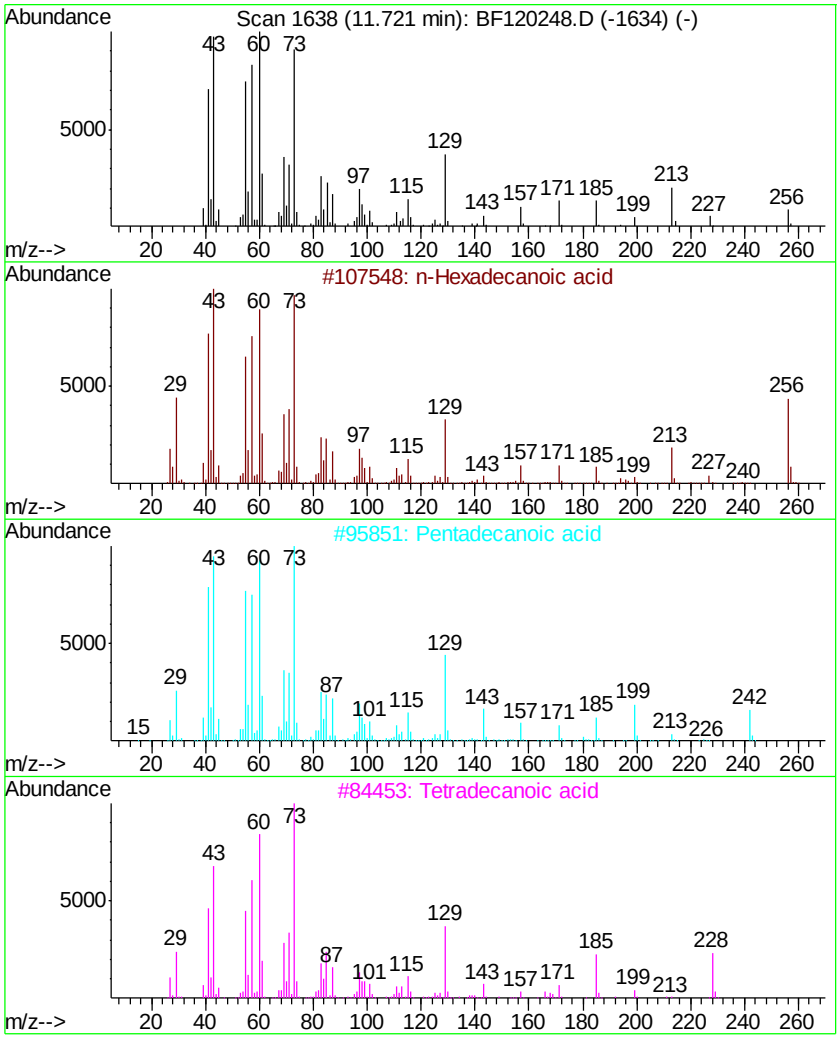
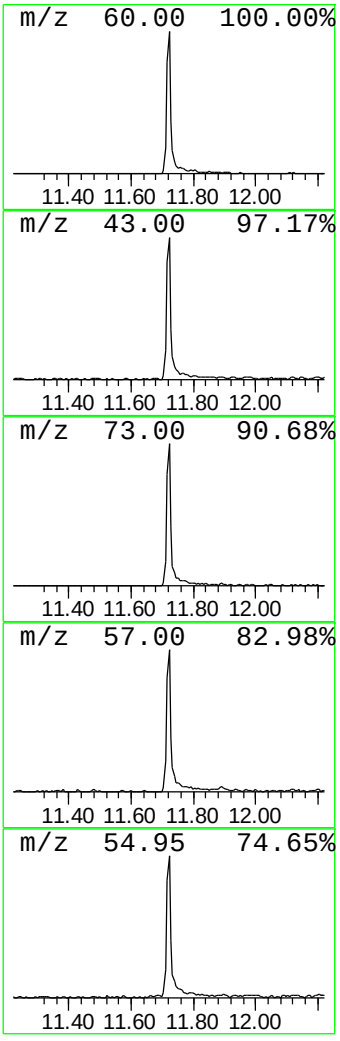
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.63 ng	458404	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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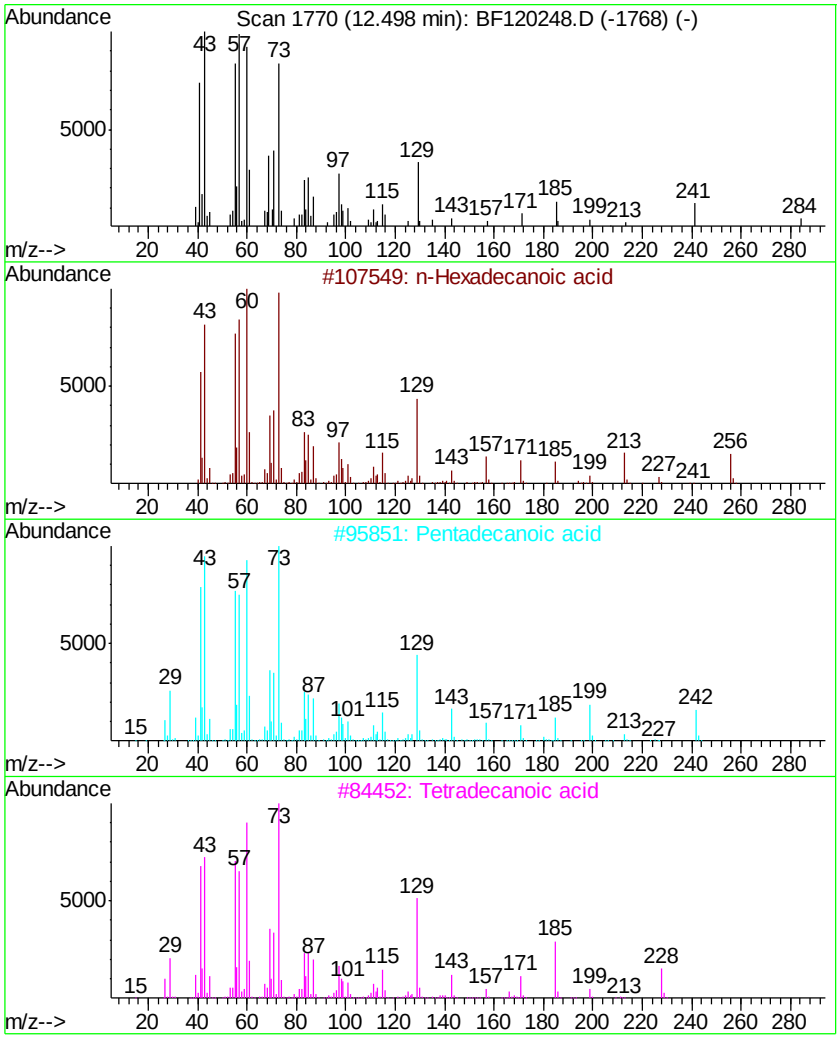
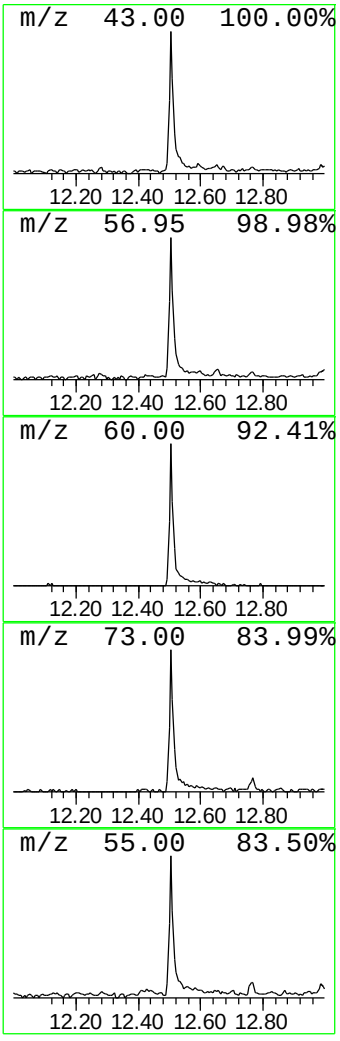
Peak Number 3 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.57 ng	277026	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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

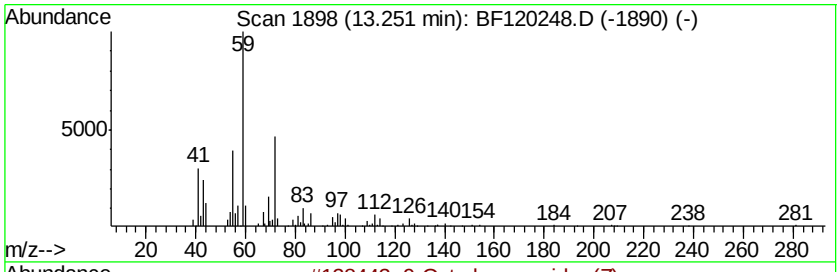
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

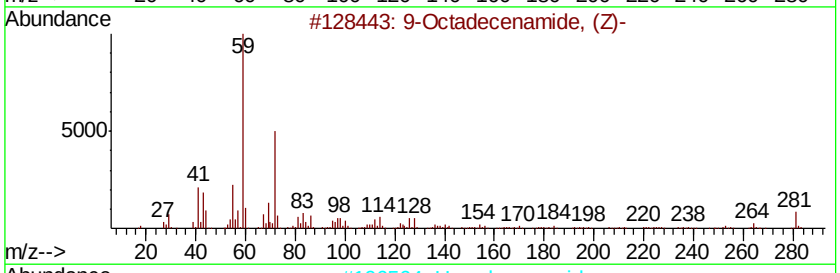
****

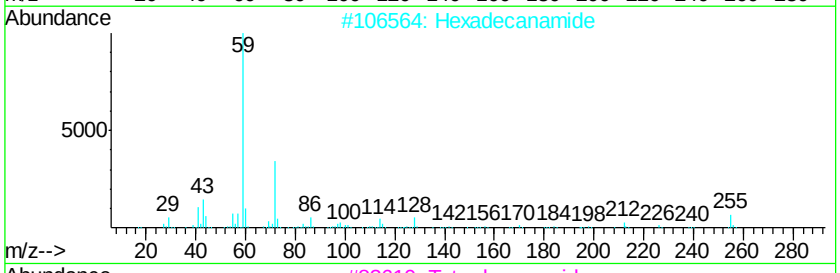
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 8

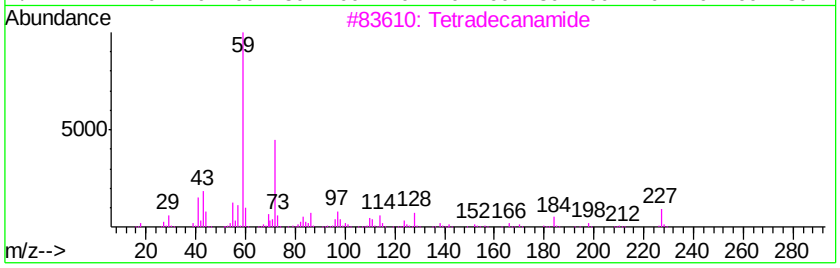
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.31 ng	139527	Chrysene-d12	13.82

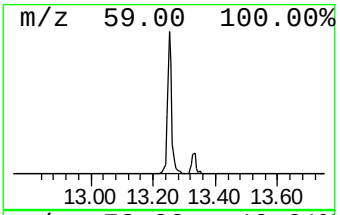
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
5	Dodecanamide	199	C12H25NO	001120-16-7	59

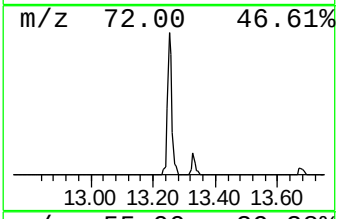


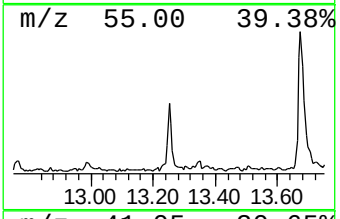


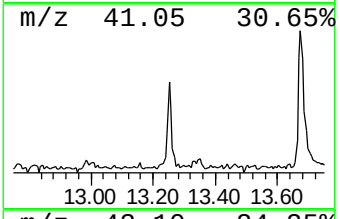


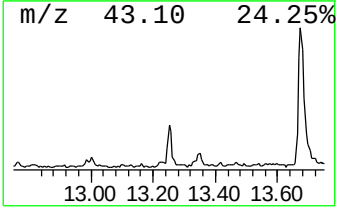












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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

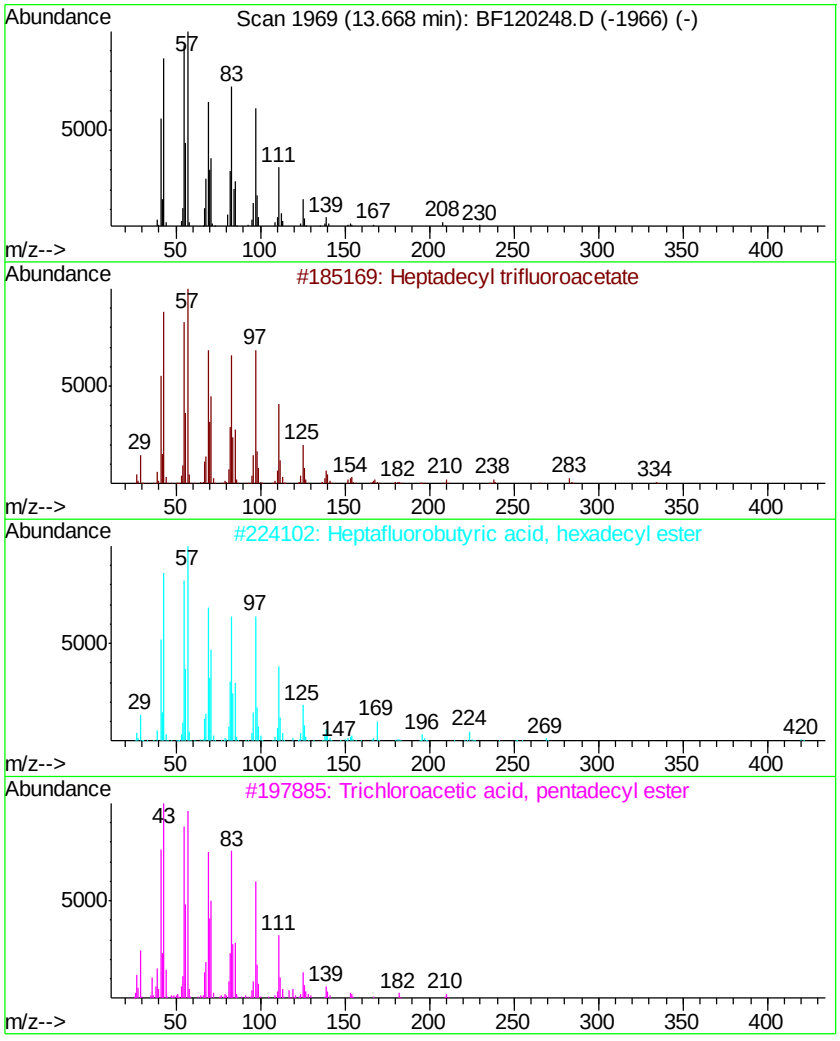
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

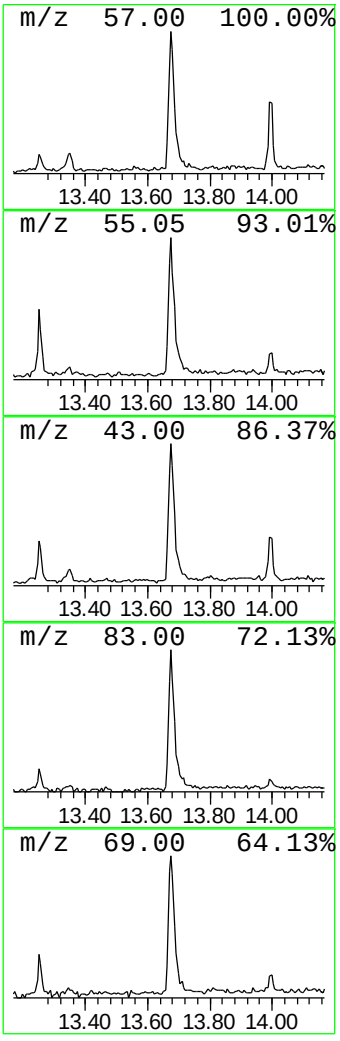
****

Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.79 ng	328775	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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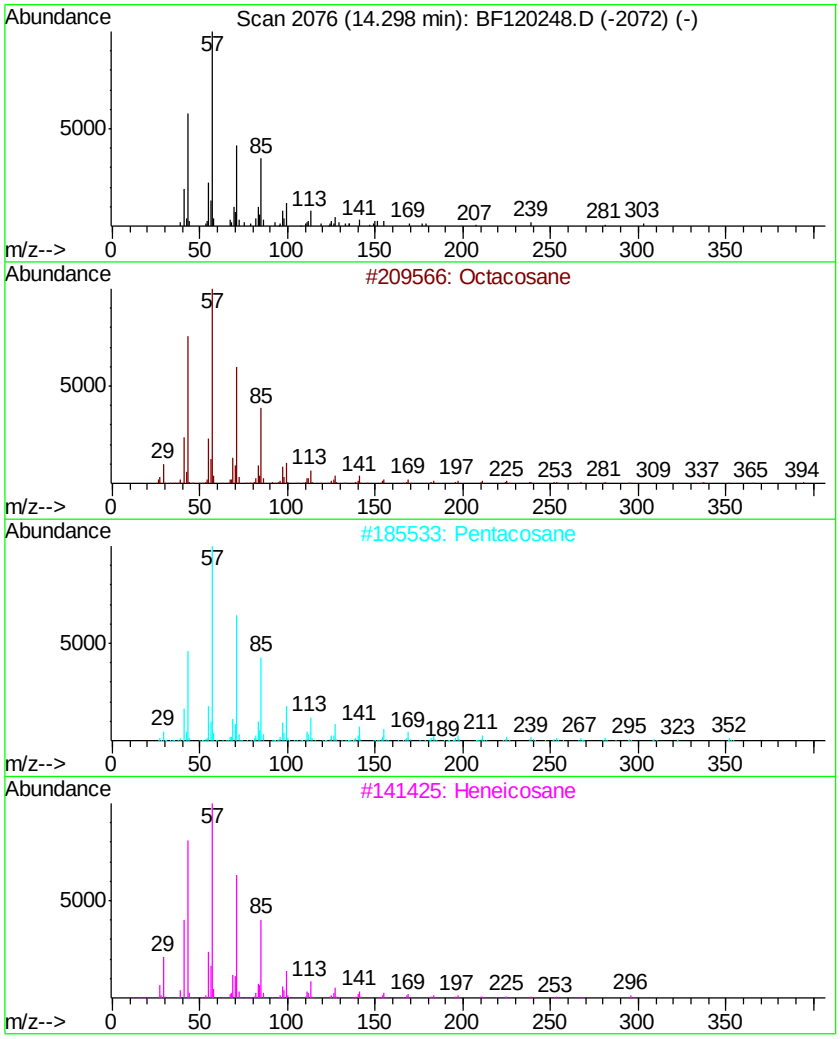
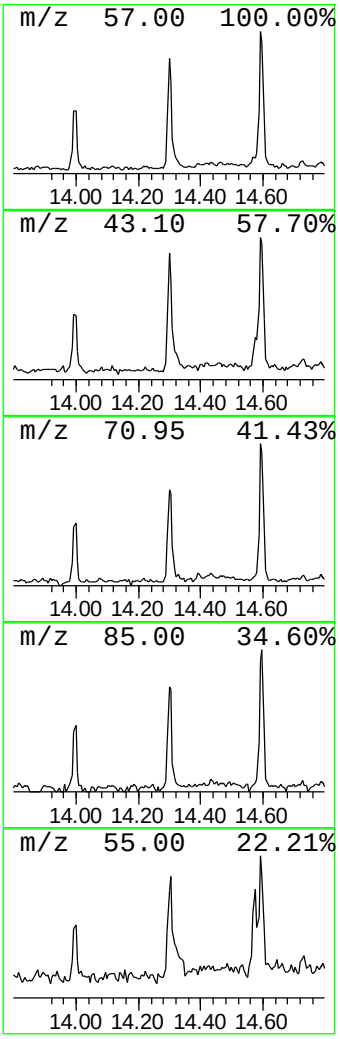
Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.16 ng	133099	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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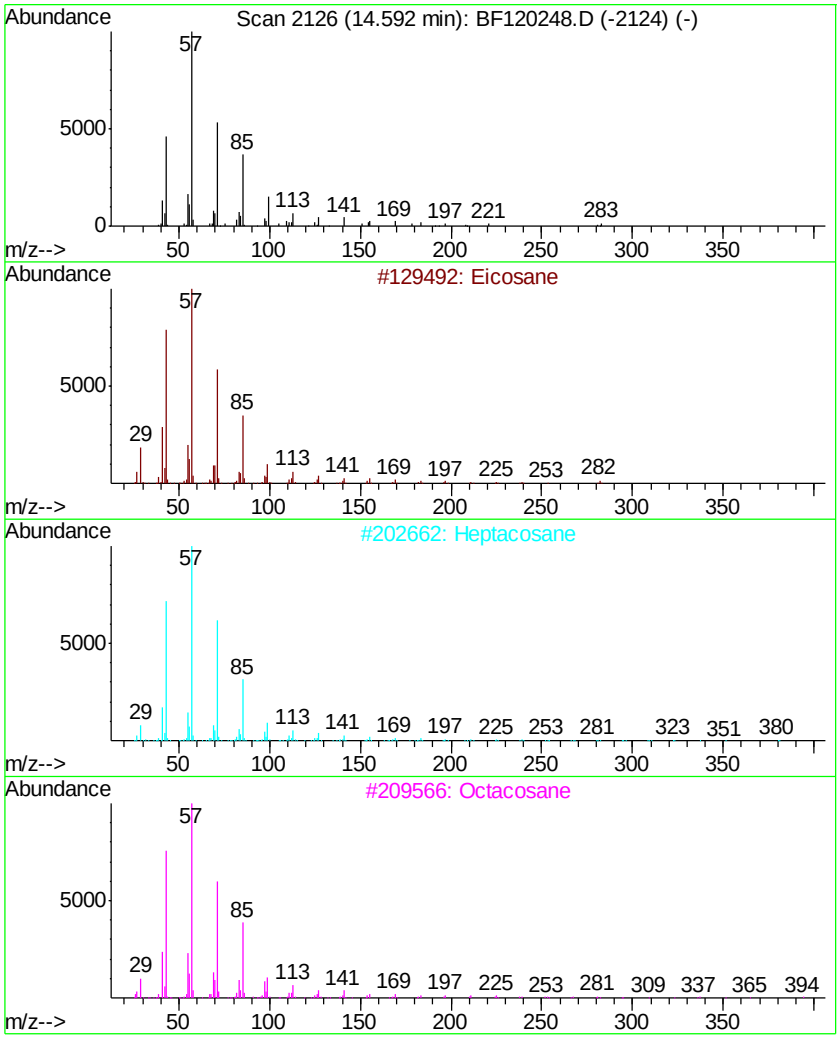
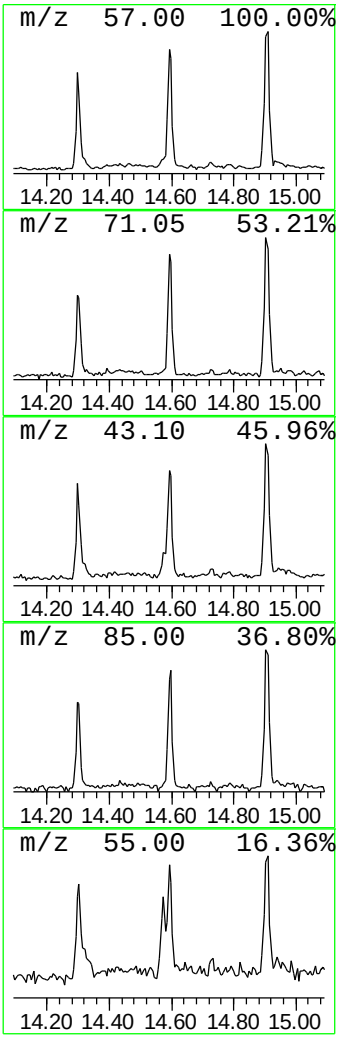
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.43 ng	129676	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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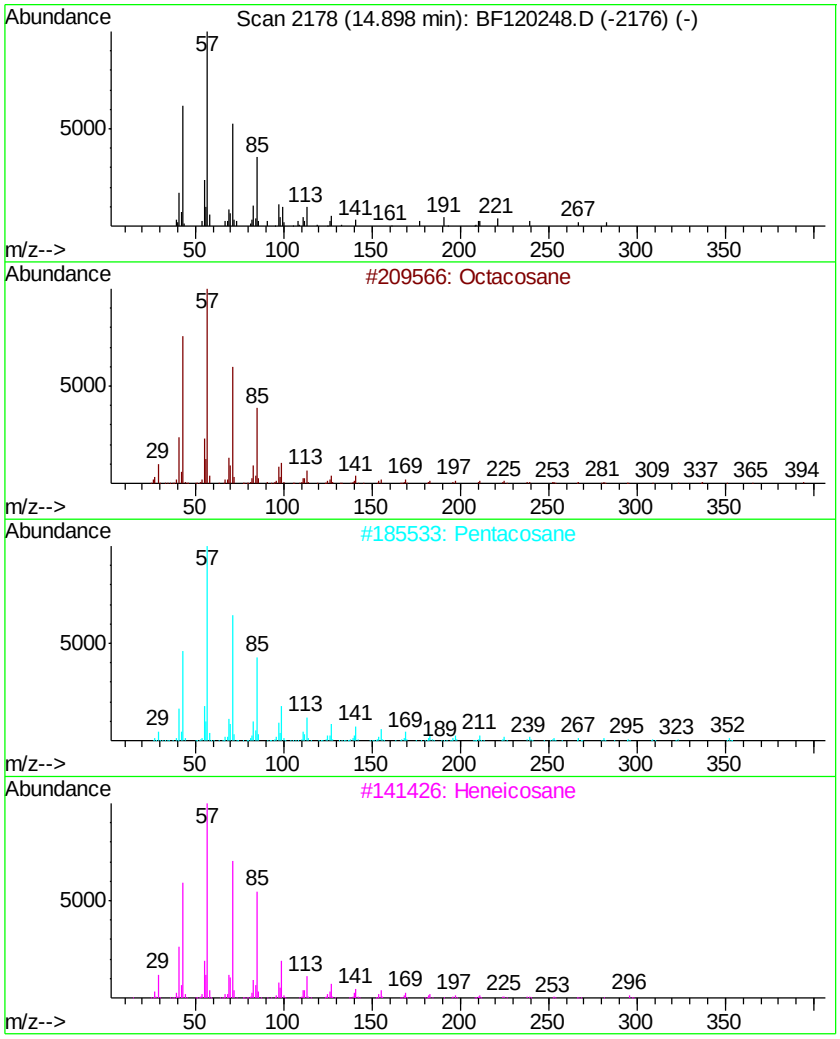
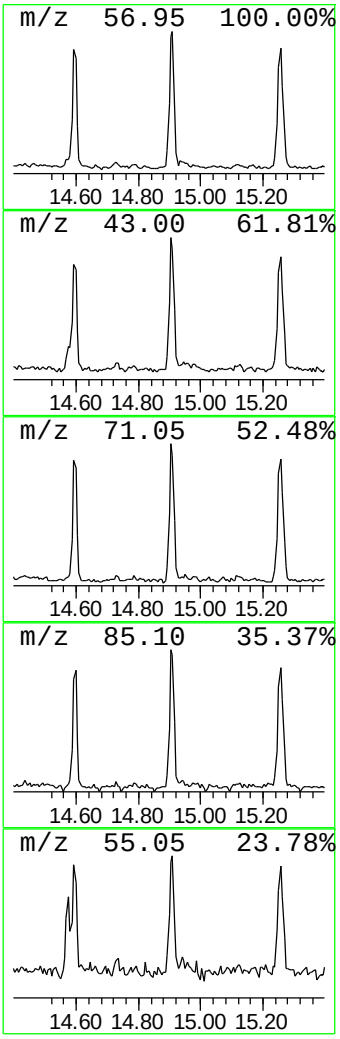
Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	4.07 ng	153728	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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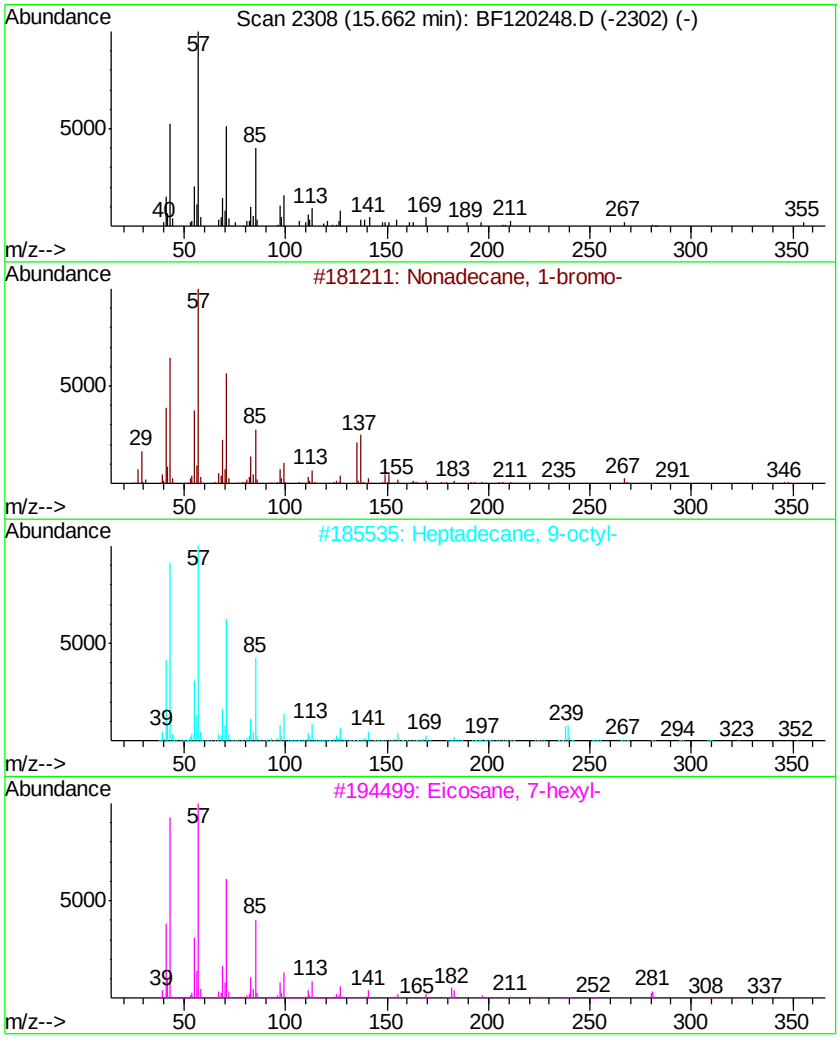
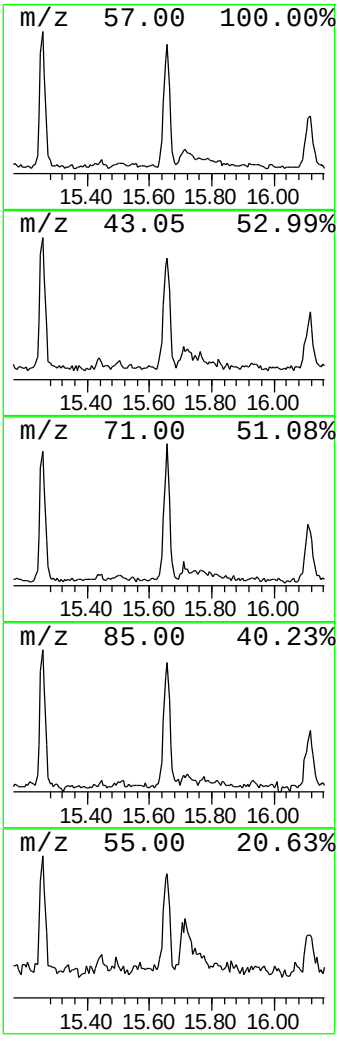
Peak Number 9 Nonadecane, 1-bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.21 ng	159381	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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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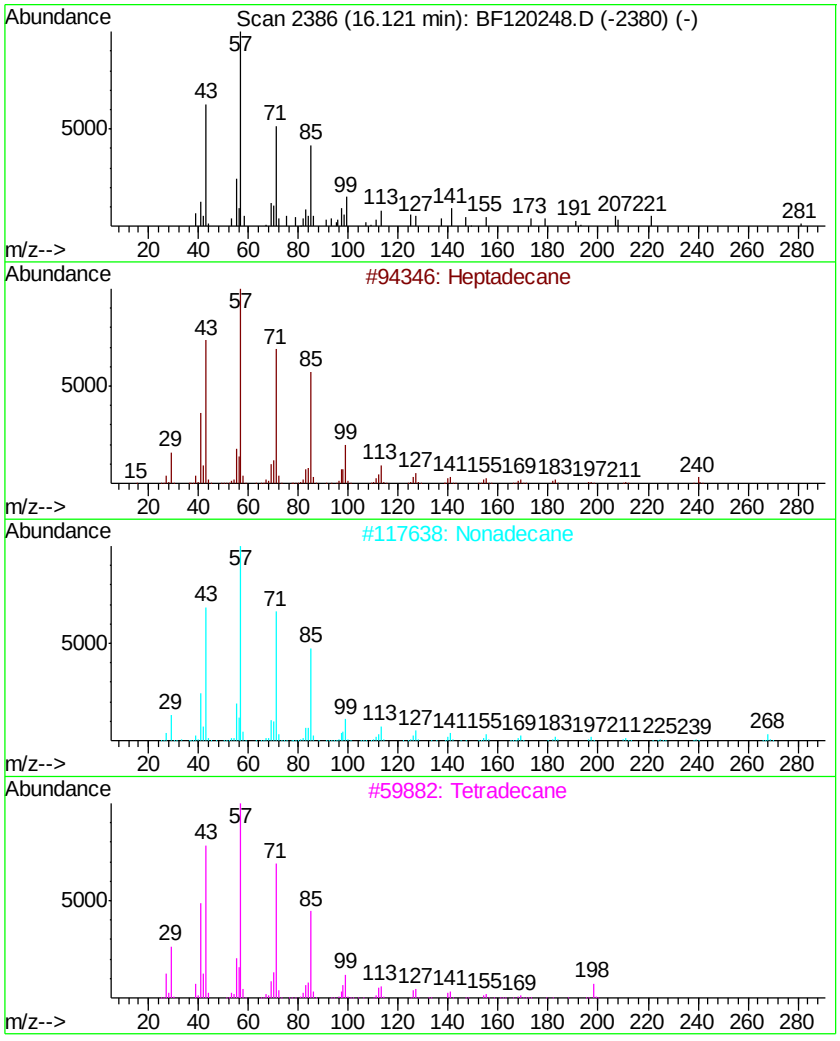
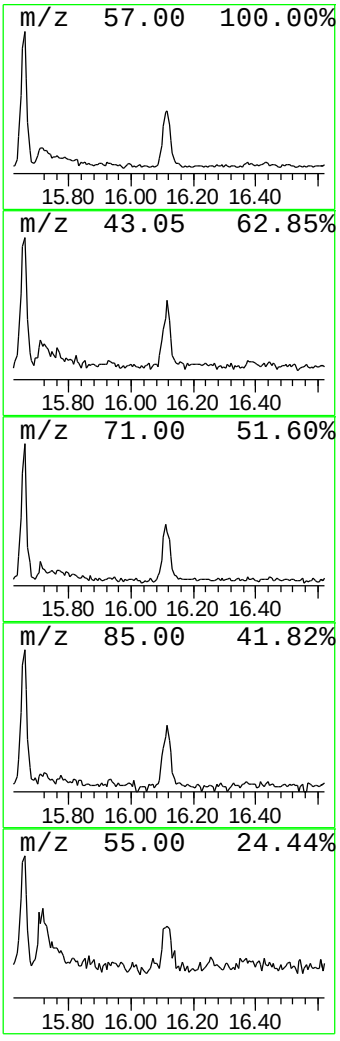
Peak Number 10 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.16 ng	81726	Perylene-d12	15.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Nonadecane	268	C19H40	000629-92-5	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Di-n-decylsulfone	346	C20H42O2S	111530-37-1	58
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF043020\
Data File : BF120248.D
Acq On : 30 Apr 2020 19:18
Operator : MA/SJ
Sample : L2436-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HEALTH

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	11.72	10.6	ng	458404	4	11.17	862361	20.0
Pentadecanoic acid	12.50	6.6	ng	277026	5	13.82	843594	20.0
9-Octadecenamide,...	13.25	3.3	ng	139527	5	13.82	843594	20.0
Heptadecyl triflu...	13.67	7.8	ng	328775	5	13.82	843594	20.0
Octacosane	14.30	3.2	ng	133099	5	13.82	843594	20.0
Eicosane	14.59	3.4	ng	129676	6	15.22	756343	20.0
Pentacosane	14.90	4.1	ng	153728	6	15.22	756343	20.0
Nonadecane, 1-bromo-	15.66	4.2	ng	159381	6	15.22	756343	20.0
Heptadecane	16.12	2.2	ng	81726	6	15.22	756343	20.0