LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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	5.263	536	540	554	rBV	2111923	1979878	88.82%	10.725%
2	6.310	714	718	728	rBV	1996360	1906024	85.51%	10.325%
3	6.487	745	748	753	rBV	93567	77081	3.46%	0.418%
4	6.651	772	776	779	rBV	657282	530575	23.80%	2.874%
5	6.804	798	802	806	rBV	1789665	1668240	74.84%	9.037%
6	7.216	868	872	875	rBV	1289854	1231631	55.25%	6.672%
7	7.934	991	994	1000	rBV	803926	651521	29.23%	3.529%
8	8.710	1123	1126	1131	rBV	48190	52213	2.34%	0.283%
9	9.016	1174	1178	1181	rBV	2857458	2229121	100.00%	12.075%
10	9.410	1242	1245	1249	rBV	293123	223282	10.02%	1.209%
11	9.686	1289	1292	1296	rBV	790142	678919	30.46%	3.678%
12	10.480	1423	1427	1431	rBV	1289830	1104272	49.54%	5.982%
13	11.174	1541	1545	1547	rBV	751818	612508	27.48%	3.318%
14	11.198	1547	1549	1552	rVV	140754	111031	4.98%	0.601%
15	11.251	1553	1558	1561	rVB	58480	61193	2.75%	0.331%
16	11.716	1633	1637	1641	rBV2	317975	334400	15.00%	1.811%
17	11.786	1646	1649	1655	rVB2	51263	70909	3.18%	0.384%
18	11.974	1678	1681	1683	rBV2	28126	28852	1.29%	0.156%
19	11.998	1683	1685	1690	rVV6	31107	37281	1.67%	0.202%
20	12.386	1748	1751	1754	rBV	281225	237074	10.64%	1.284%
21	12.504	1768	1771	1778	rBV2	223372	249208	11.18%	1.350%
22	12.616	1785	1790	1793	rBV	257329	251258	11.27%	1.361%
23	12.763	1811	1815	1819	rBV	2035811	1966160	88.20%	10.650%
24	13.674	1967	1970	1975	rBV2	161058	199129	8.93%	1.079%
25	13.815	1990	1994	1997	rBV2	700404	741331	33.26%	4.016%
26	13.992	2021	2024	2026	rBV	167209	179830	8.07%	0.974%
27	15.227	2230	2234	2237	rBV	499126	586644	26.32%	3.178%
28	15.657	2303	2307	2312	rVB	343932	461434	20.70%	2.500%

Sum of corrected areas: 18460999

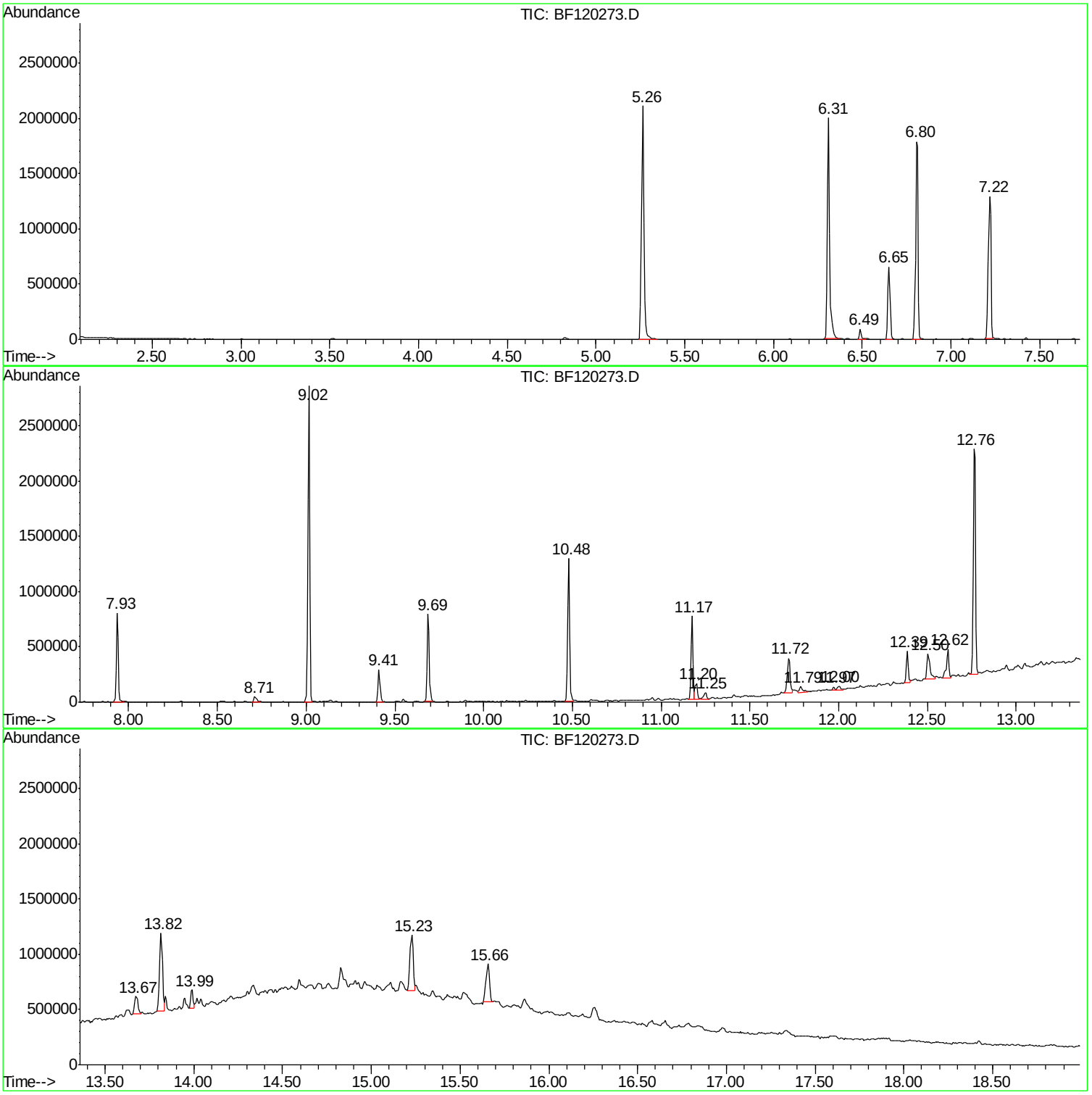
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

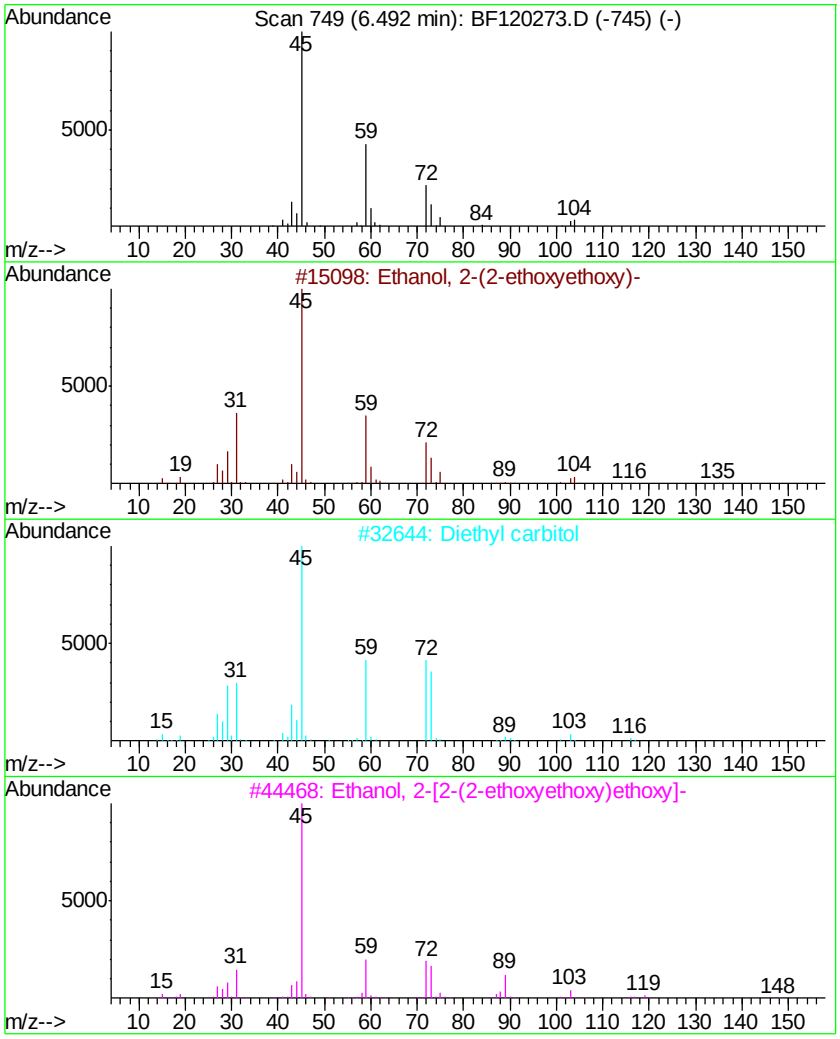
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

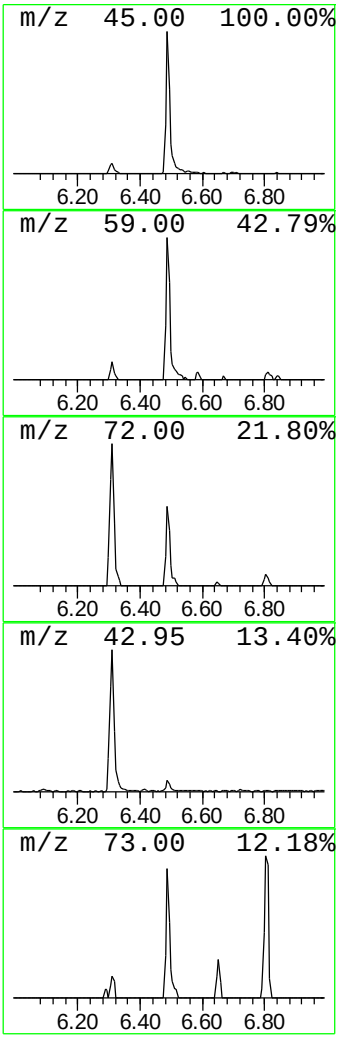
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	2.91 ng	77081	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

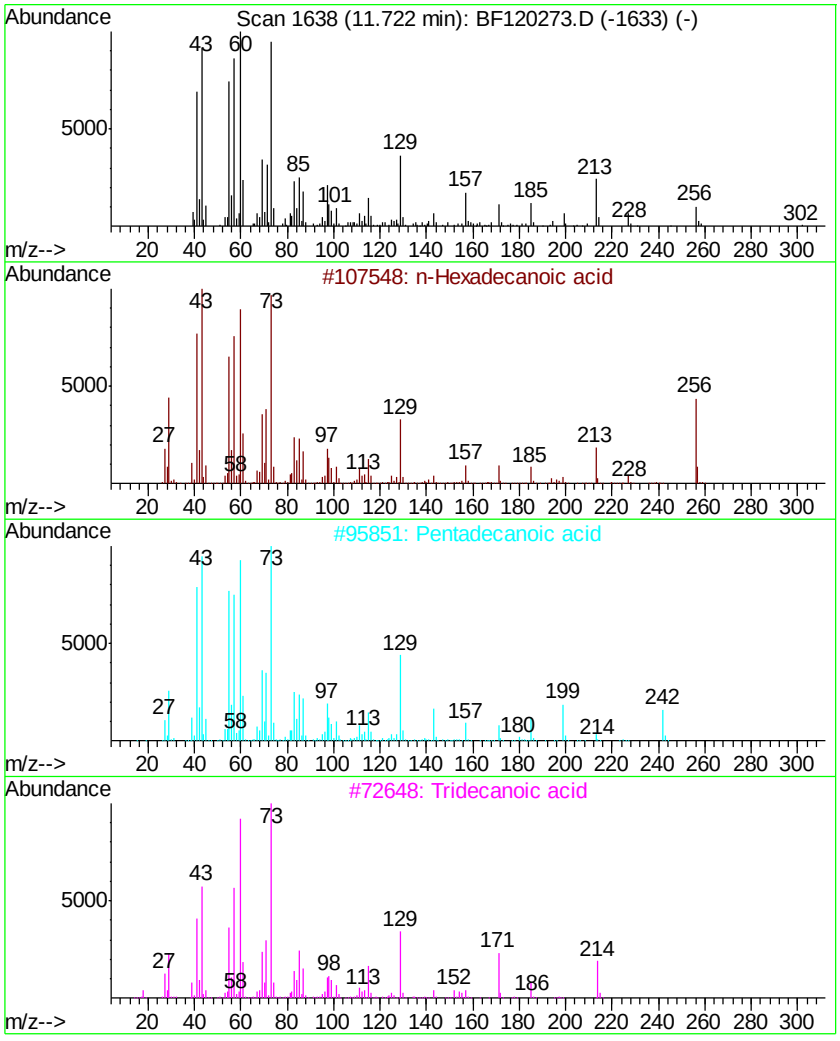
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

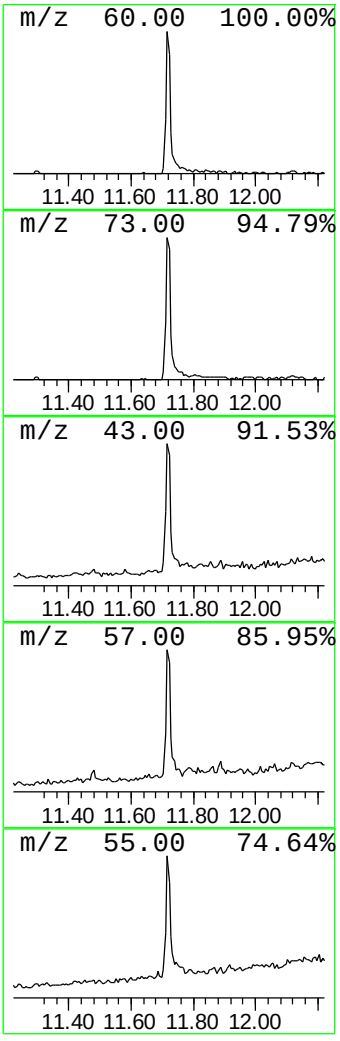
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	10.92 ng	334400	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

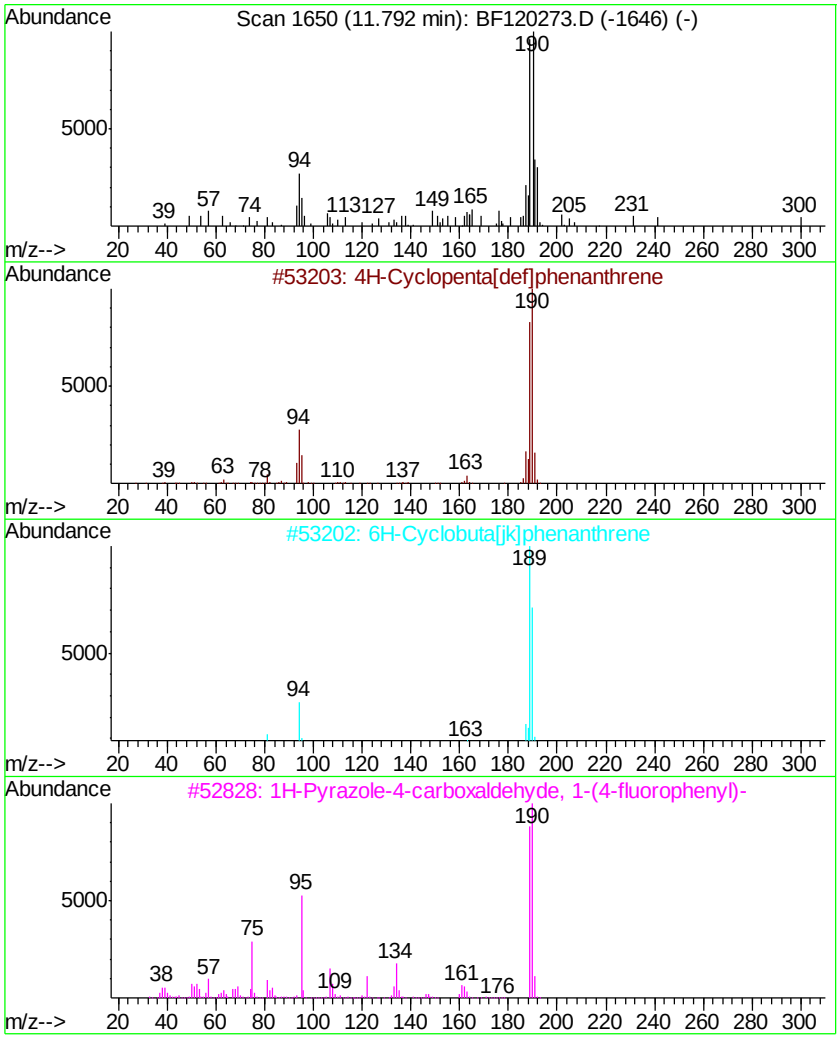
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

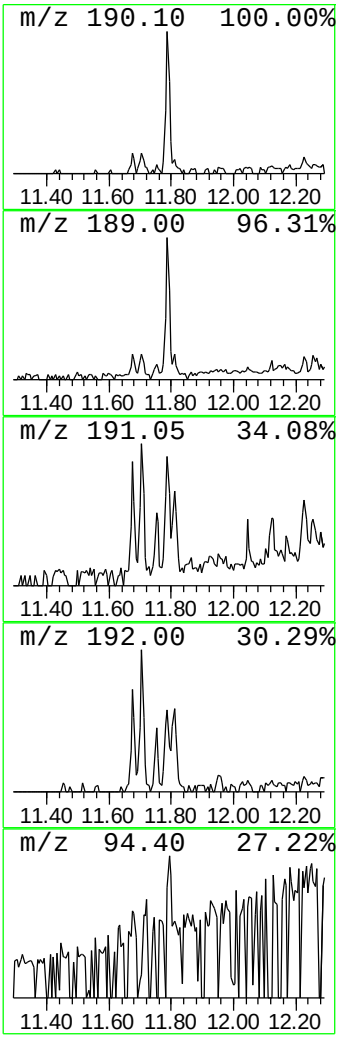
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.32 ng	70909	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	58
4	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	25
5	2-Furancarboxaldehyde, 5-[(5-met...	190	C11H10O3	034995-74-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

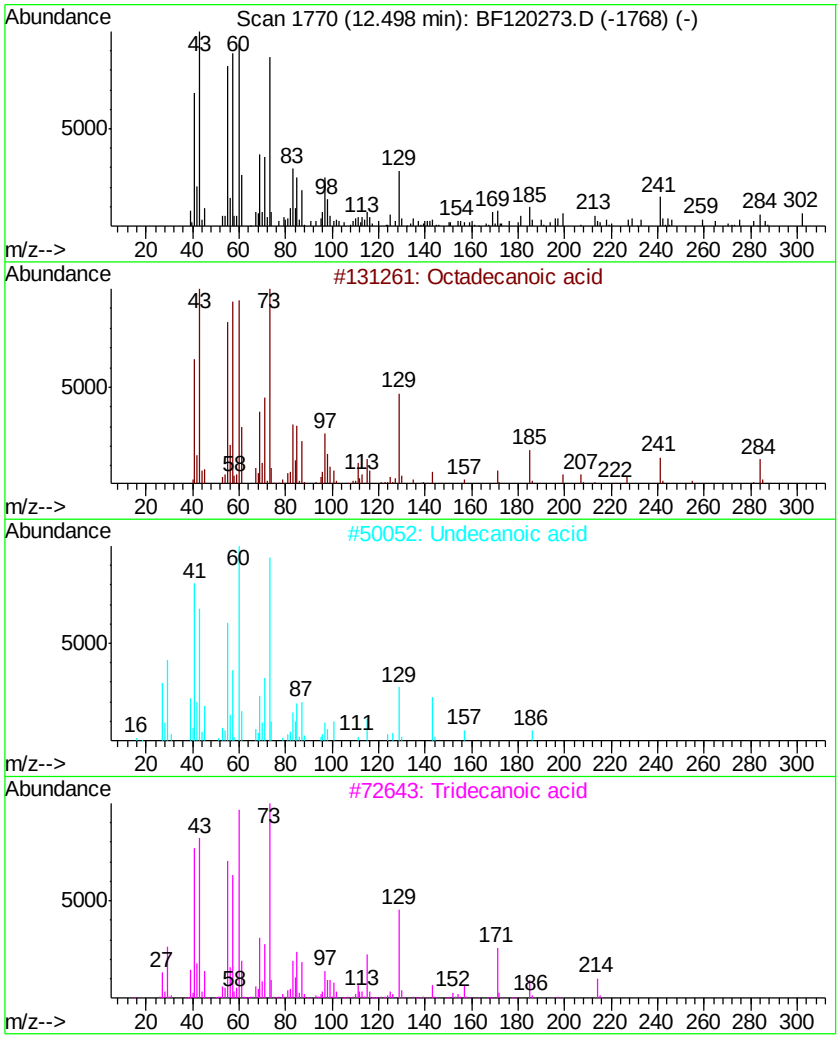
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

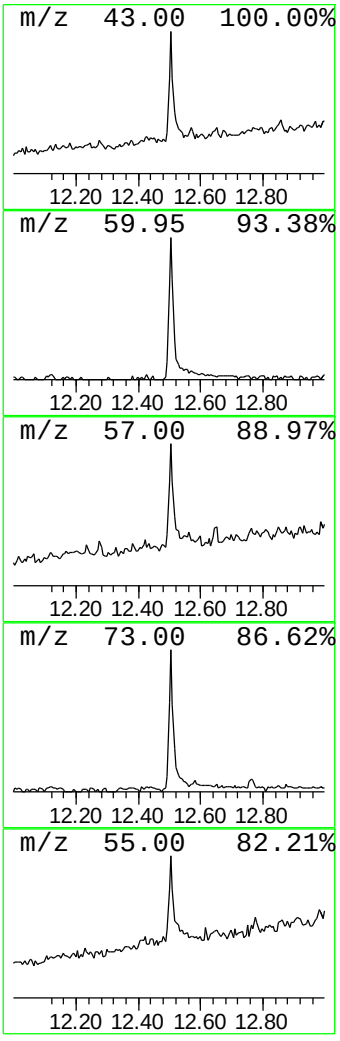
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.72 ng	249208	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

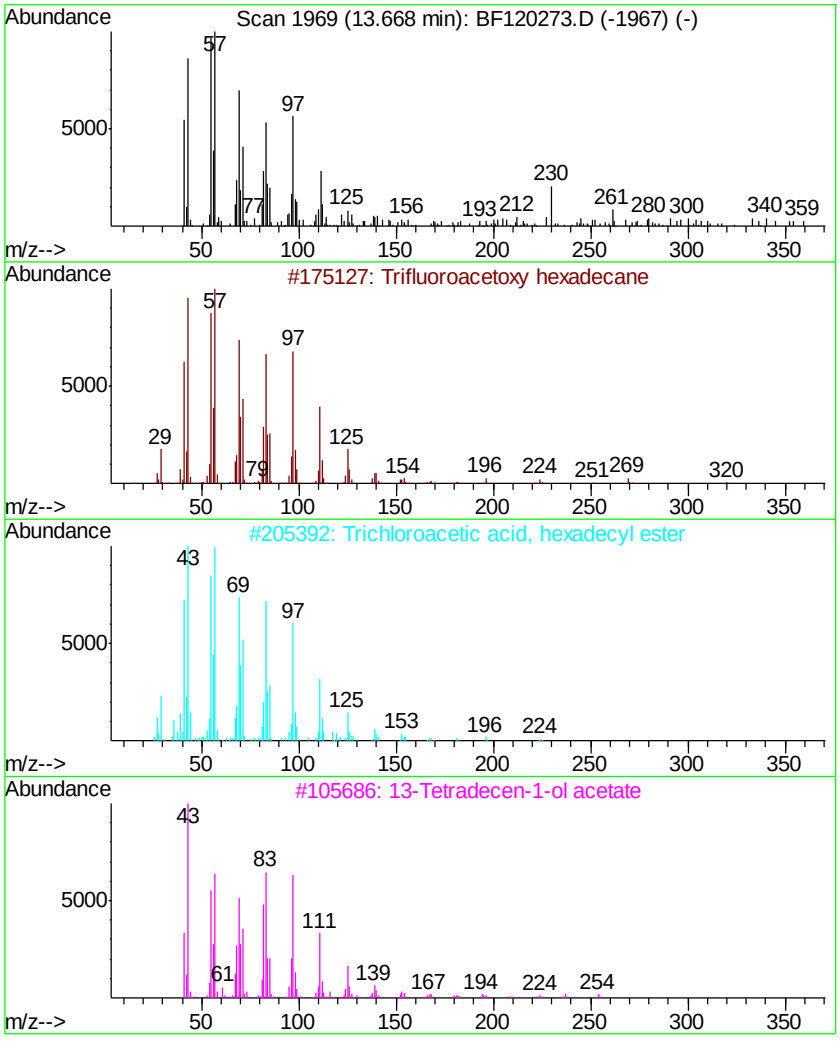
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

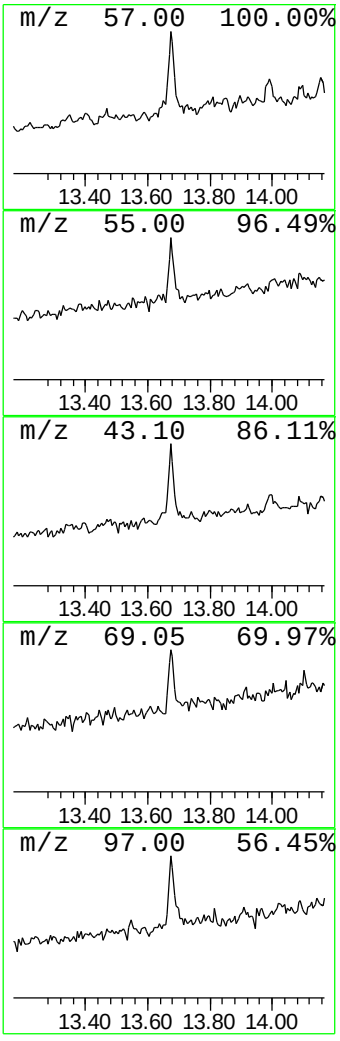
****

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.37 ng	199129	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

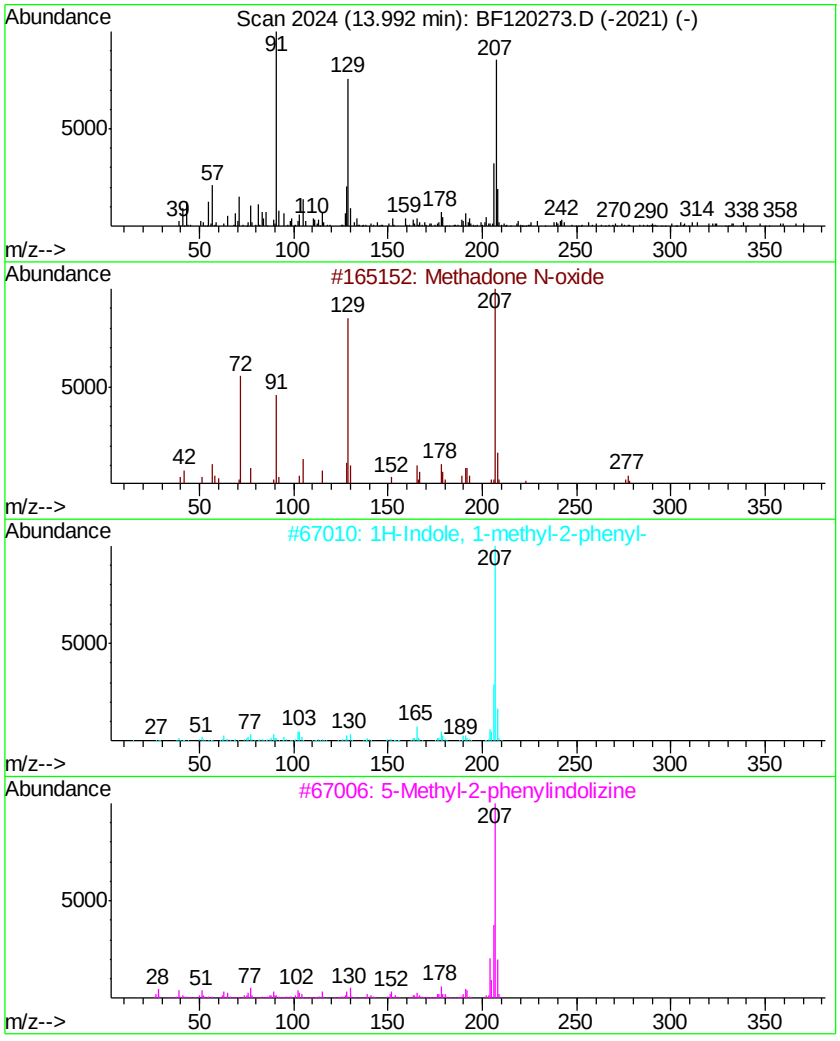
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

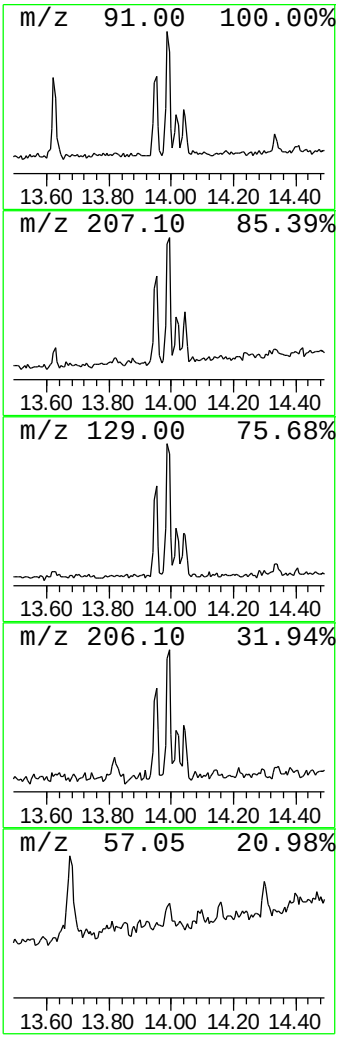
****

Peak Number 7 Methadone N-oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.85 ng	179830	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	59
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
4	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	43
5	Acetamide, N-(2,4-difluorophenyl...	363	C14H10F5N3OS	351061-57-9	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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

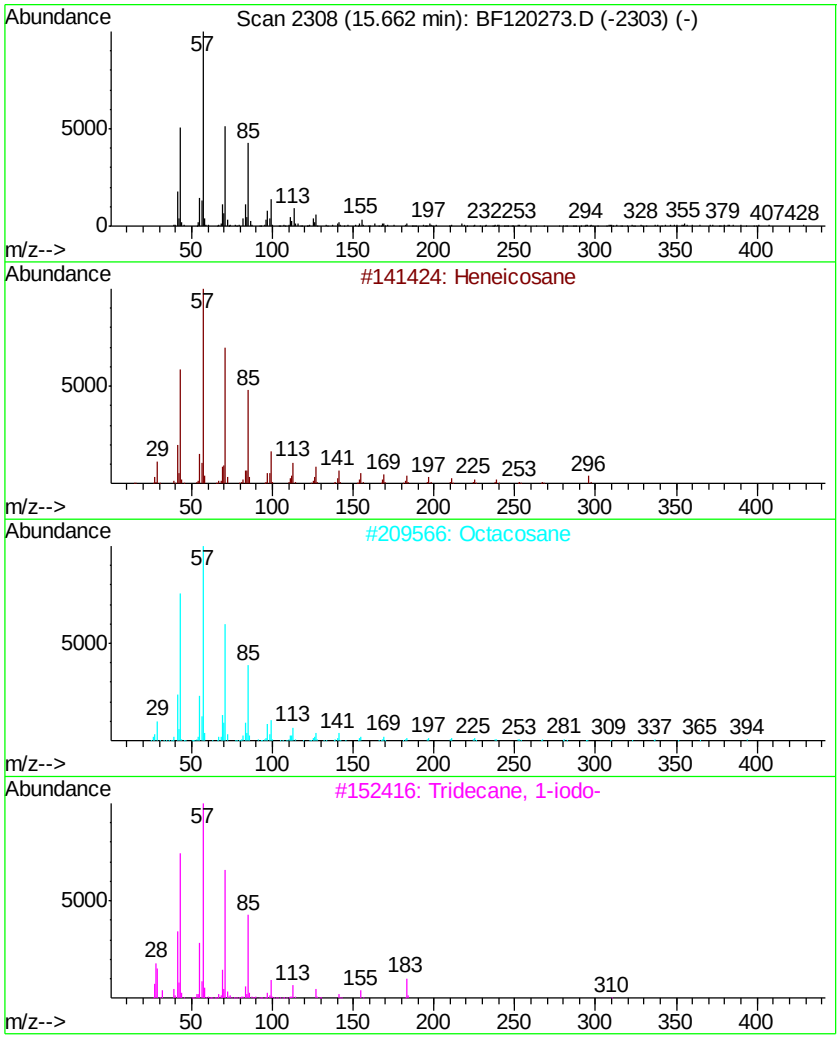
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

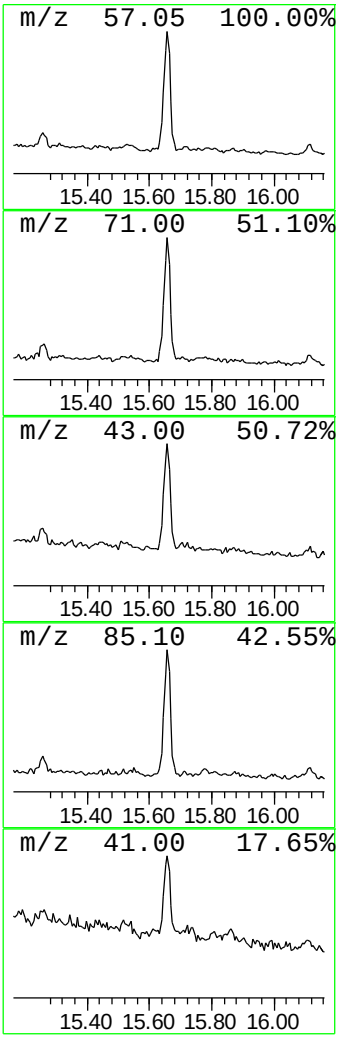
****

Peak Number 8 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	15.73 ng	461434	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octacosane	394	C28H58	000630-02-4	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	89
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JHDS-SOUTH-C

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
Ethanol, 2-(2-eth...	6.49	2.9	ng	77081	1	6.65	530575	20.0
n-Hexadecanoic acid	11.72	10.9	ng	334400	4	11.17	612508	20.0
4H-Cyclopenta[def...	11.79	2.3	ng	70909	4	11.17	612508	20.0
Octadecanoic acid	12.50	6.7	ng	249208	5	13.82	741331	20.0
Trifluoroacetoxy ...	13.67	5.4	ng	199129	5	13.82	741331	20.0
Methadone N-oxide	13.99	4.8	ng	179830	5	13.82	741331	20.0
Heneicosane	15.66	15.7	ng	461434	6	15.23	586644	20.0