LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	22	27	31	rBV	57246	81920	1.10%	0.109%
2	6.875	635	644	653	rVB	265089	466702	6.26%	0.621%
3	7.039	666	672	681	rBV	963102	1466155	19.68%	1.952%
4	7.234	698	705	714	rBV	1073192	1652767	22.18%	2.201%
5	7.698	777	784	793	rVB	1019348	1576439	21.16%	2.099%
6	8.404	897	904	914	rBV	882232	1378657	18.50%	1.836%
7	8.851	973	980	989	rBV	1391671	2244446	30.12%	2.989%
8	9.569	1095	1102	1115	rBV	1200347	1962968	26.34%	2.614%
9	10.104	1185	1193	1207	rBV	1663143	2782373	37.34%	3.705%
10	10.480	1248	1257	1265	rBV	1447639	2415364	32.42%	3.216%
11	13.757	1807	1814	1820	rBV	3357794	4684325	62.87%	6.238%
12	14.033	1853	1861	1872	rBV	3619913	5393589	72.39%	7.182%
13	14.339	1904	1913	1926	rBV2	2200642	3447853	46.27%	4.591%
14	14.551	1943	1949	1964	rBV	270276	439352	5.90%	0.585%
15	15.339	2073	2083	2093	rBV	4523757	6600035	88.58%	8.789%
16	15.457	2096	2103	2112	rBV	1527774	2084533	27.98%	2.776%
17	15.574	2119	2123	2127	rBV2	54632	81731	1.10%	0.109%
18	16.039	2196	2202	2205	rBV	85174	130667	1.75%	0.174%
19	16.509	2275	2282	2295	rBV	998056	1398357	18.77%	1.862%
20	17.086	2373	2380	2387	rBV	2999897	4084376	54.81%	5.439%
21	17.186	2390	2397	2408	rVB2	4864193	6934767	93.07%	9.234%
22	17.992	2529	2534	2543	rBV	1067166	1544220	20.72%	2.056%
23	19.115	2721	2725	2729	rBV	56912	77417	1.04%	0.103%
24	19.280	2747	2753	2765	rBV	896304	1289216	17.30%	1.717%
25	19.368	2765	2768	2774	rVB	53723	86047	1.15%	0.115%
26	19.486	2781	2788	2794	rBV	5381439	7451248	100.00%	9.922%
27	20.997	3041	3045	3051	rBV7	68312	103625	1.39%	0.138%
28	21.274	3086	3092	3100	rBV	3394589	4020516	53.96%	5.354%
29	22.838	3354	3358	3361	rVB2	107316	154421	2.07%	0.206%
30	23.362	3439	3447	3460	rVV2	2897295	5485378	73.62%	7.304%
31	23.503	3464	3471	3478	rVB	1589071	2882101	38.68%	3.838%
32	24.044	3558	3563	3569	rVB3	179426	316461	4.25%	0.421%
33	24.791	3685	3690	3698	rVB2	173438	378834	5.08%	0.504%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

Sum of corrected areas: 75096860

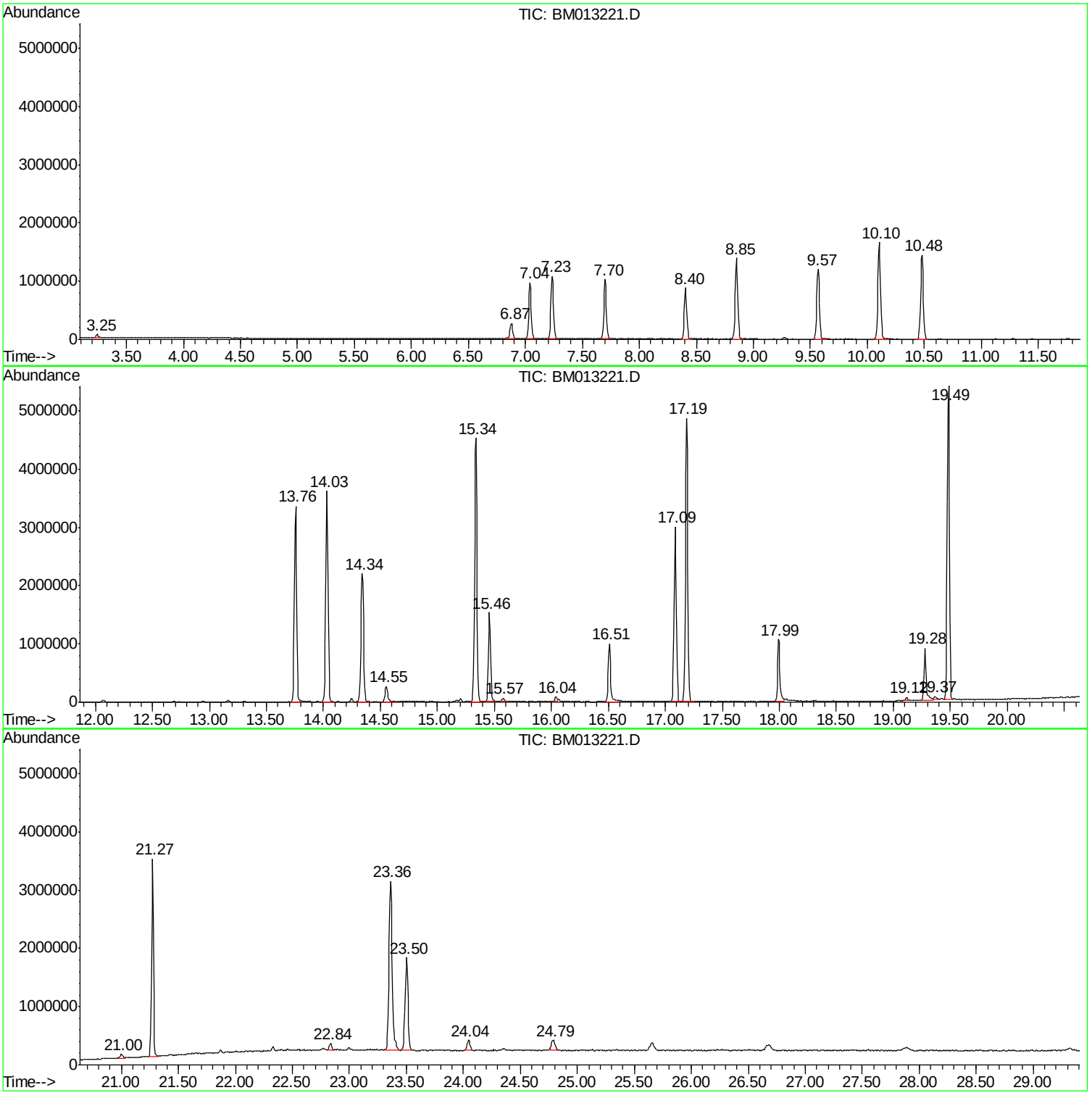
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

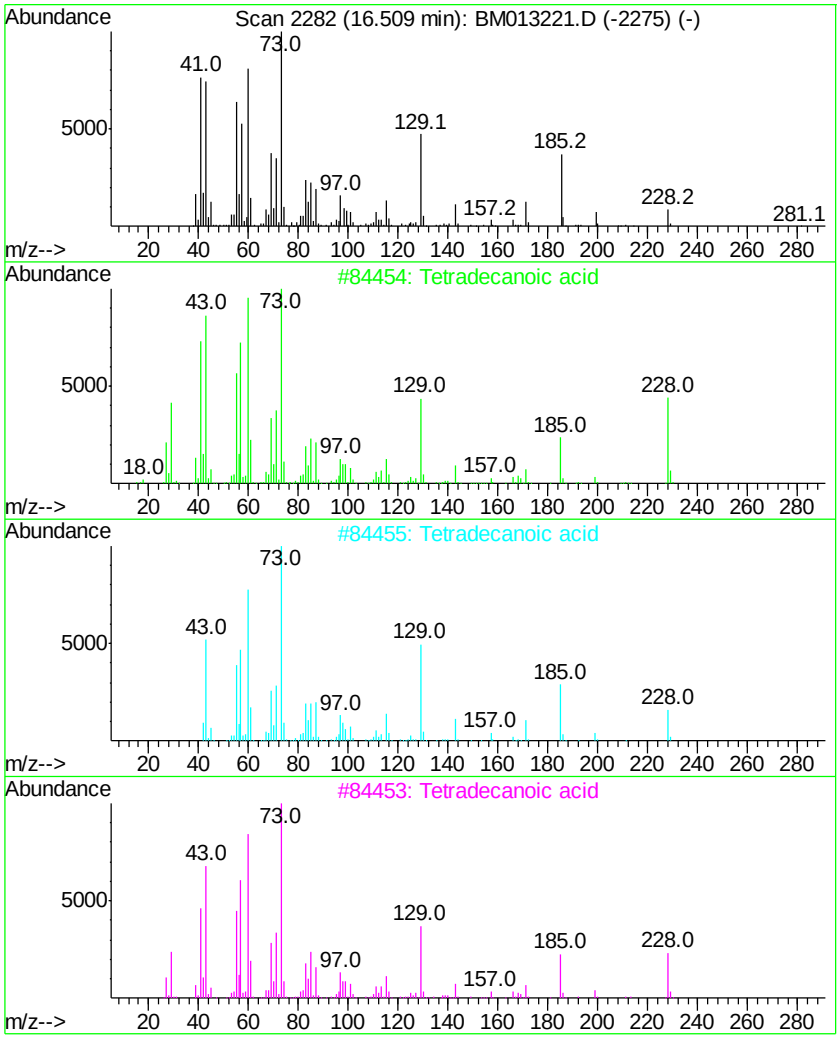
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

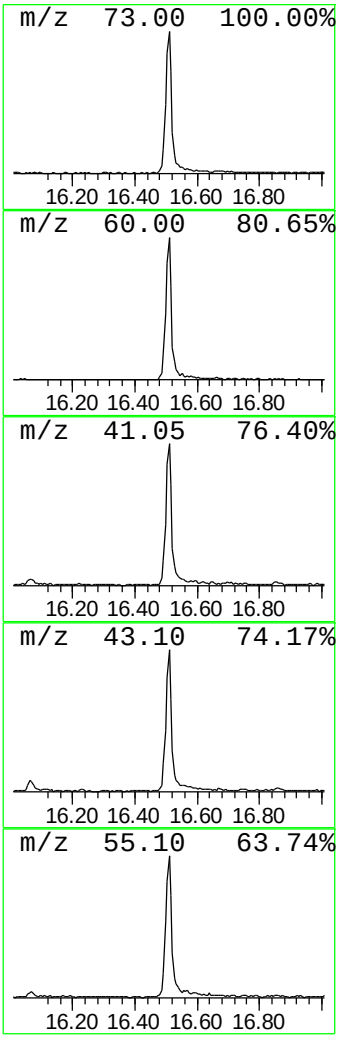
****

Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.85 ng/ul	1398360	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

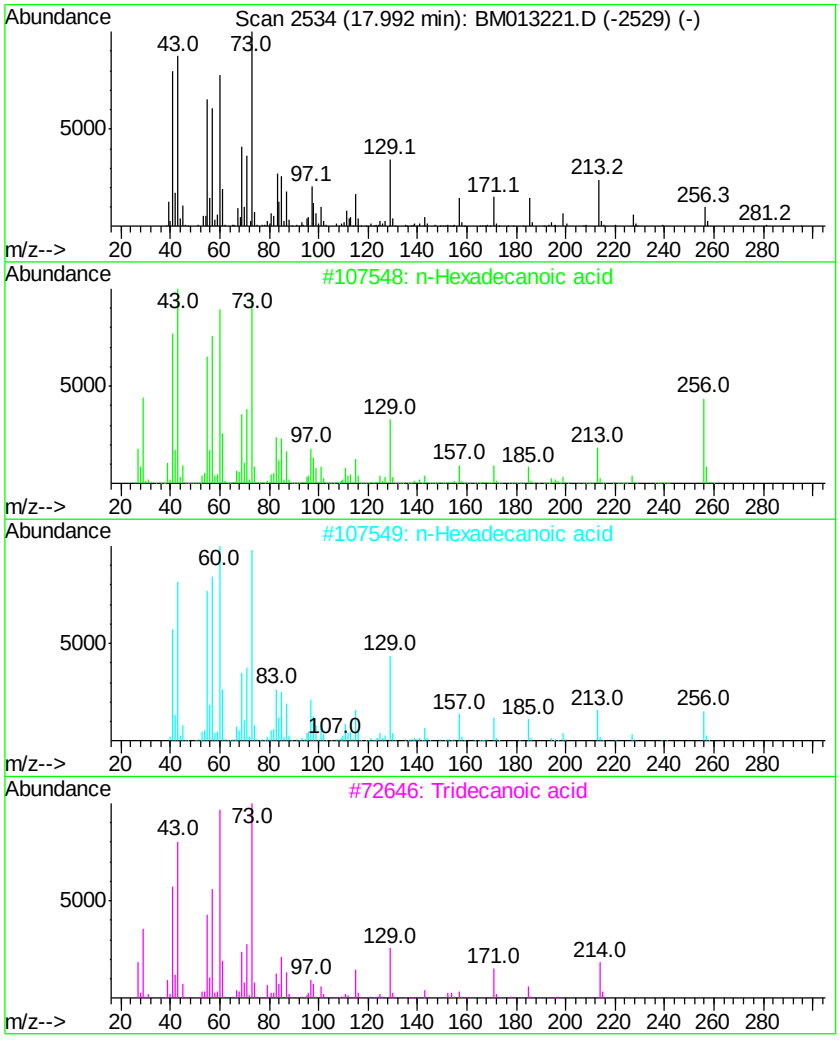
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

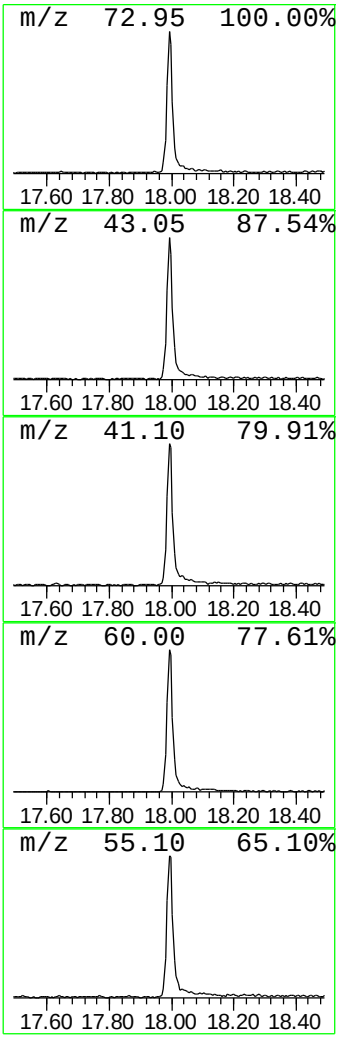
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	7.56 ng/ul	1544220	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

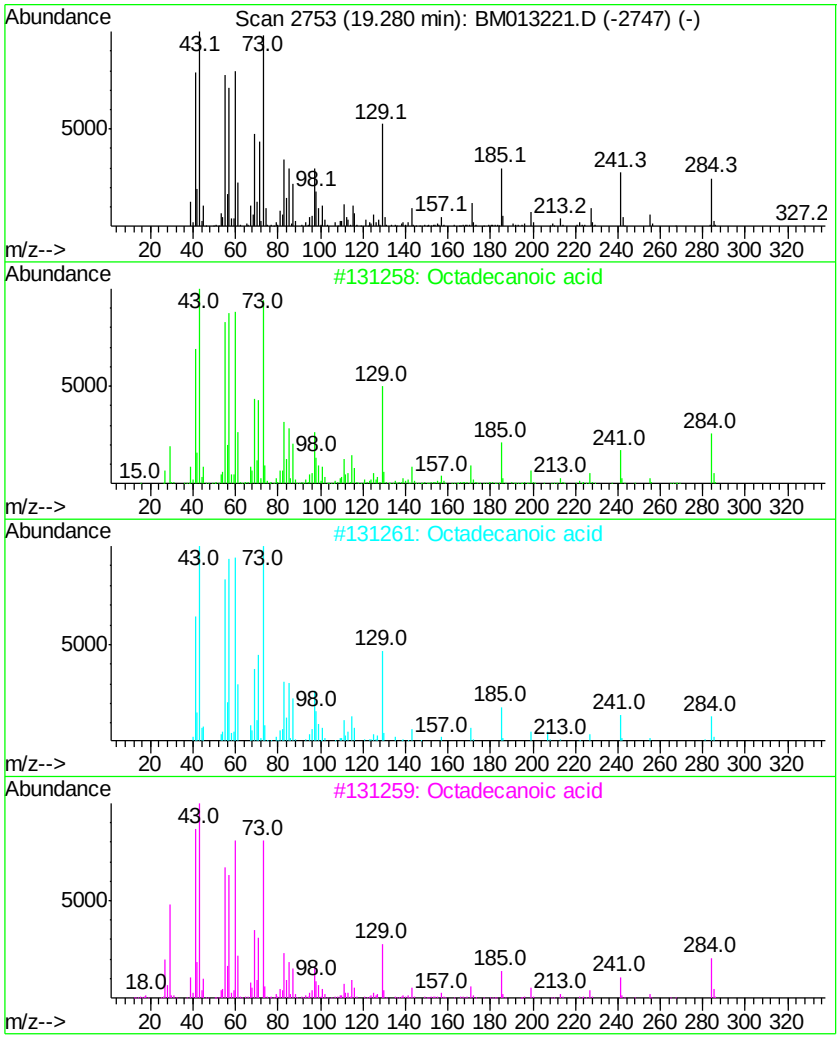
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

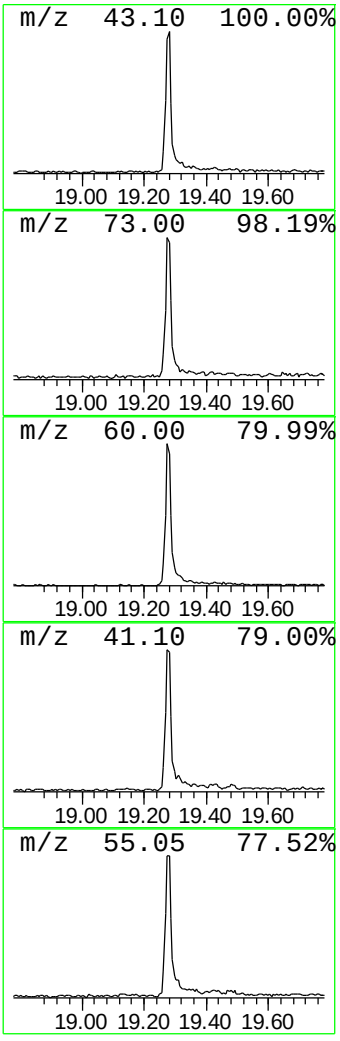
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	6.41 ng/ul	1289220	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

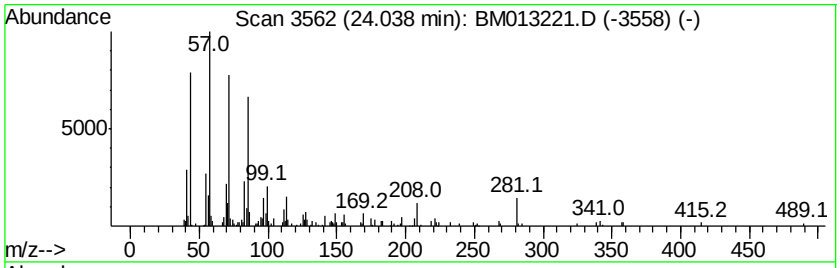
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

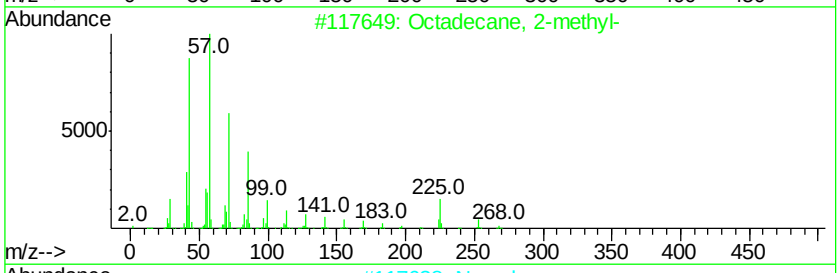
****

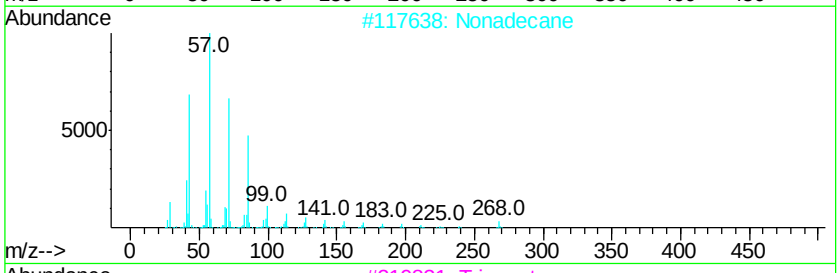
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

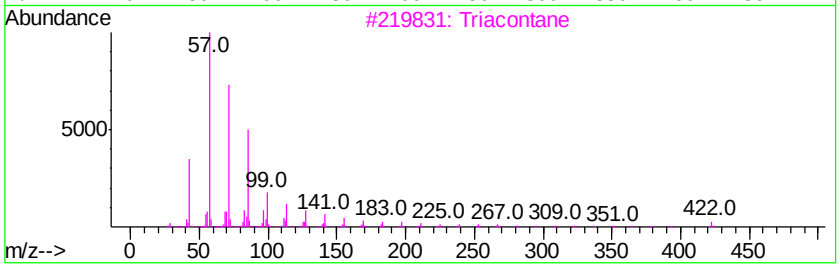
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.20 ng/ul	316461	Perylene-d12	23.50

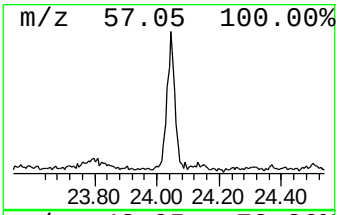
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Triacontane	422	C30H62	000638-68-6	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Docosane	310	C22H46	000629-97-0	83

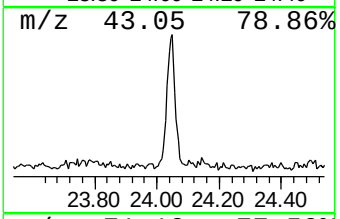


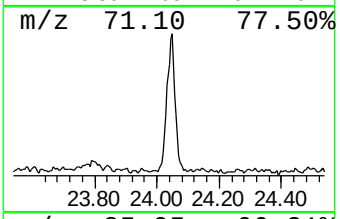


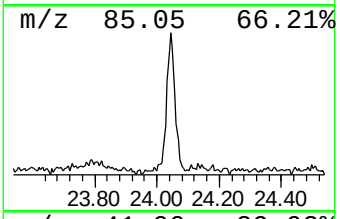


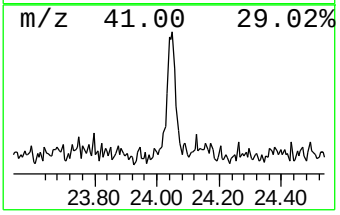












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

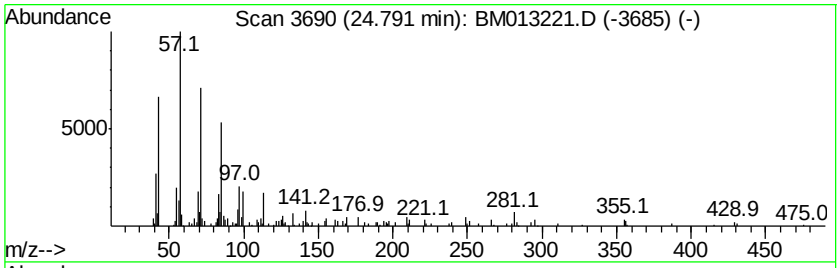
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

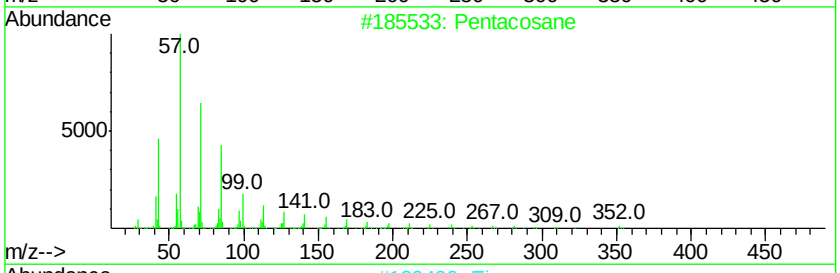
****

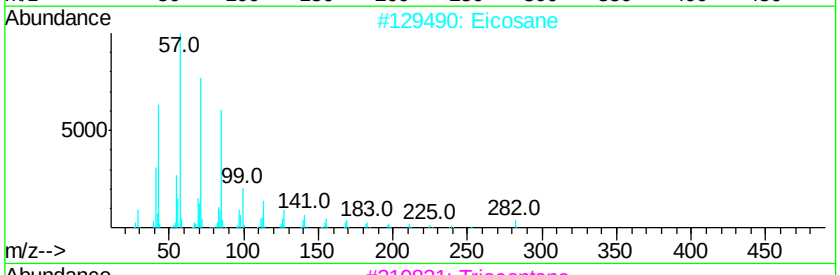
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

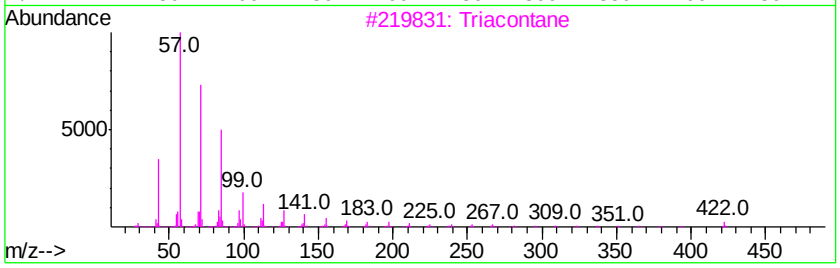
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.63 ng/ul	378834	Perylene-d12	23.50

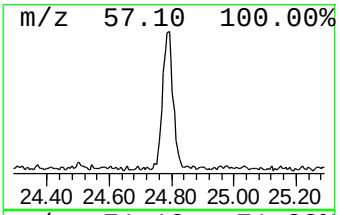
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	72
2	Eicosane	282	C20H42	000112-95-8	68
3	Triacontane	422	C30H62	000638-68-6	68
4	Hexacosane	366	C26H54	000630-01-3	64
5	Heneicosane	296	C21H44	000629-94-7	64

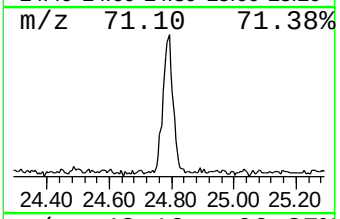


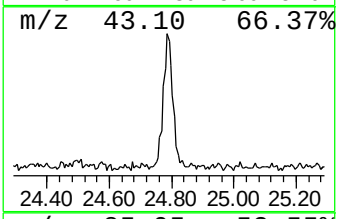


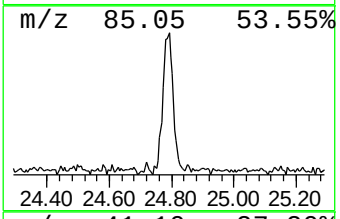


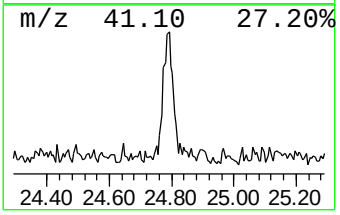












Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120617\
Data File : BM013221.D
Acq On : 06 Dec 2017 22:09
Operator : SJ/JU
Sample : I6689-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPQ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA 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
Tetradecanoic acid	16.51	6.8	ng/ul	1398360	4	17.09	4084380	20.0
n-Hexadecanoic acid	17.99	7.6	ng/ul	1544220	4	17.09	4084380	20.0
Octadecanoic acid	19.28	6.4	ng/ul	1289220	5	21.27	4020520	20.0
(DEL) Alkane: Str...	24.04	2.2	ng/ul	316461	6	23.50	2882100	20.0
(DEL) Alkane: Str...	24.79	2.6	ng/ul	378834	6	23.50	2882100	20.0