LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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	3.046	5	10	28	rVB	4328161	5410703	74.73%	7.925%
2	3.311	52	55	59	rVB2	23065	25684	0.35%	0.038%
3	3.934	158	161	166	rVB	33715	46007	0.64%	0.067%
4	4.028	174	177	183	rVB2	24943	34603	0.48%	0.051%
5	4.128	192	194	200	rVB6	9271	14226	0.20%	0.021%
6	4.934	328	331	338	rVB5	8143	15823	0.22%	0.023%
7	6.969	671	677	684	rBV	412715	635343	8.77%	0.931%
8	7.146	700	707	719	rBV	938870	1491918	20.60%	2.185%
9	7.340	732	740	749	rBV	1181468	1836173	25.36%	2.690%
10	7.451	754	759	764	rVB5	6251	11421	0.16%	0.017%
11	7.810	813	820	826	rBV	722152	1151721	15.91%	1.687%
12	7.863	826	829	836	rVB2	31383	48425	0.67%	0.071%
13	8.504	931	938	949	rBV	1019119	1611048	22.25%	2.360%
14	8.969	1008	1017	1029	rBV	1182428	1956992	27.03%	2.867%
15	9.687	1132	1139	1147	rBV	935008	1544328	21.33%	2.262%
16	10.216	1221	1229	1238	rBV	1555097	2539522	35.07%	3.720%
17	10.598	1286	1294	1302	rBV	977282	1643868	22.70%	2.408%
18	10.739	1312	1318	1326	rBV2	83482	150659	2.08%	0.221%
19	12.186	1559	1564	1570	rBV	24184	39726	0.55%	0.058%
20	13.857	1841	1848	1857	rBV	2837159	3770251	52.07%	5.523%
21	14.139	1889	1896	1904	rBV	3295217	4690815	64.79%	6.871%
22	14.339	1925	1930	1933	rBV3	9762	13421	0.19%	0.020%
23	14.445	1941	1948	1960	rVV2	1486257	2196069	30.33%	3.217%
24	14.639	1976	1981	1993	rBV	284972	464952	6.42%	0.681%
25	15.239	2079	2083	2088	rBV3	8051	11337	0.16%	0.017%
26	15.439	2110	2117	2128	rVB	4041240	5744485	79.34%	8.414%
27	15.557	2131	2137	2147	rBV	768840	1046677	14.46%	1.533%
28	15.680	2150	2158	2164	rBV2	47644	72601	1.00%	0.106%
29	16.221	2244	2250	2254	rBV4	15140	23656	0.33%	0.035%
30	16.386	2274	2278	2282	rBV4	7565	14123	0.20%	0.021%
31	16.868	2357	2360	2363	rBV5	5988	7857	0.11%	0.012%
32	16.974	2374	2378	2382	rBV5	6067	10203	0.14%	0.015%
33	17.192	2408	2415	2421	rBV2	1820267	2566816	35.45%	3.760%
34	17.286	2425	2431	2439	rVV2	4188484	6012557	83.04%	8.807%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Title : SVOA CALIBRATION

35	17.368	2442	2445	2449	rVB4	14029	18873	0.26%	0.028%
36	17.439	2454	2457	2460	rBV4	8858	12344	0.17%	0.018%
37	17.774	2511	2514	2517	rBV4	6692	7691	0.11%	0.011%
38	18.080	2560	2566	2577	rBV	414465	614804	8.49%	0.901%
39	18.257	2593	2596	2602	rVB5	21253	28293	0.39%	0.041%
40	18.415	2620	2623	2628	rVB5	7455	12177	0.17%	0.018%
41	18.568	2647	2649	2654	rBV4	8658	9637	0.13%	0.014%
42	19.215	2755	2759	2764	rBV	43540	64925	0.90%	0.095%
43	19.357	2779	2783	2796	rBV	399322	640390	8.84%	0.938%
44	19.468	2798	2802	2807	rVB	50433	76418	1.06%	0.112%
45	19.580	2815	2821	2834	rVB	5134656	6944105	95.91%	10.172%
46	21.368	3120	3125	3130	rBV	2245101	2816892	38.90%	4.126%
47	23.503	3481	3488	3501	rBV2	3919615	7240583	100.00%	10.606%
48	23.650	3506	3513	3524	rVB2	1546006	2928435	40.44%	4.290%

Sum of corrected areas: 68269577

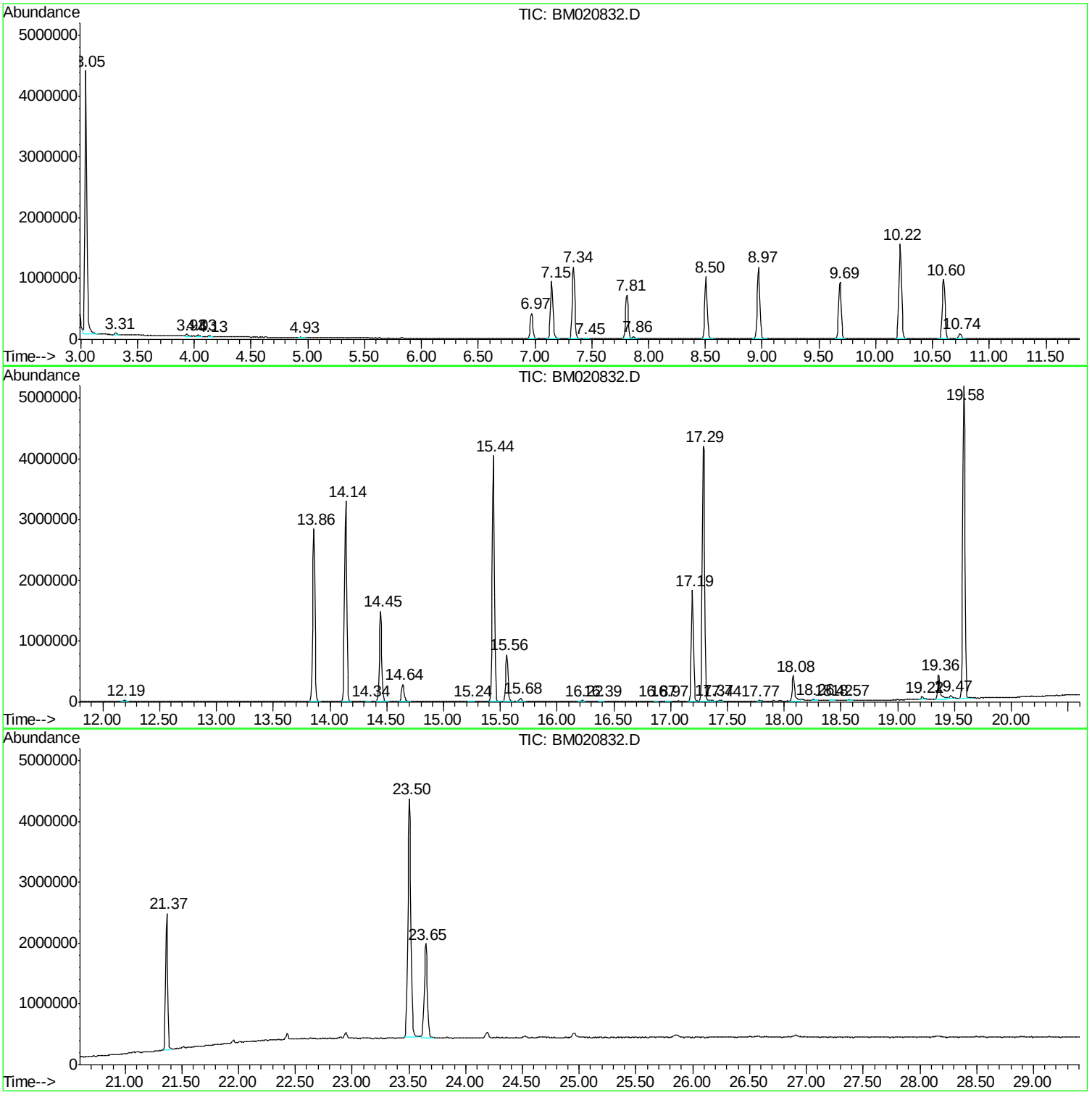
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

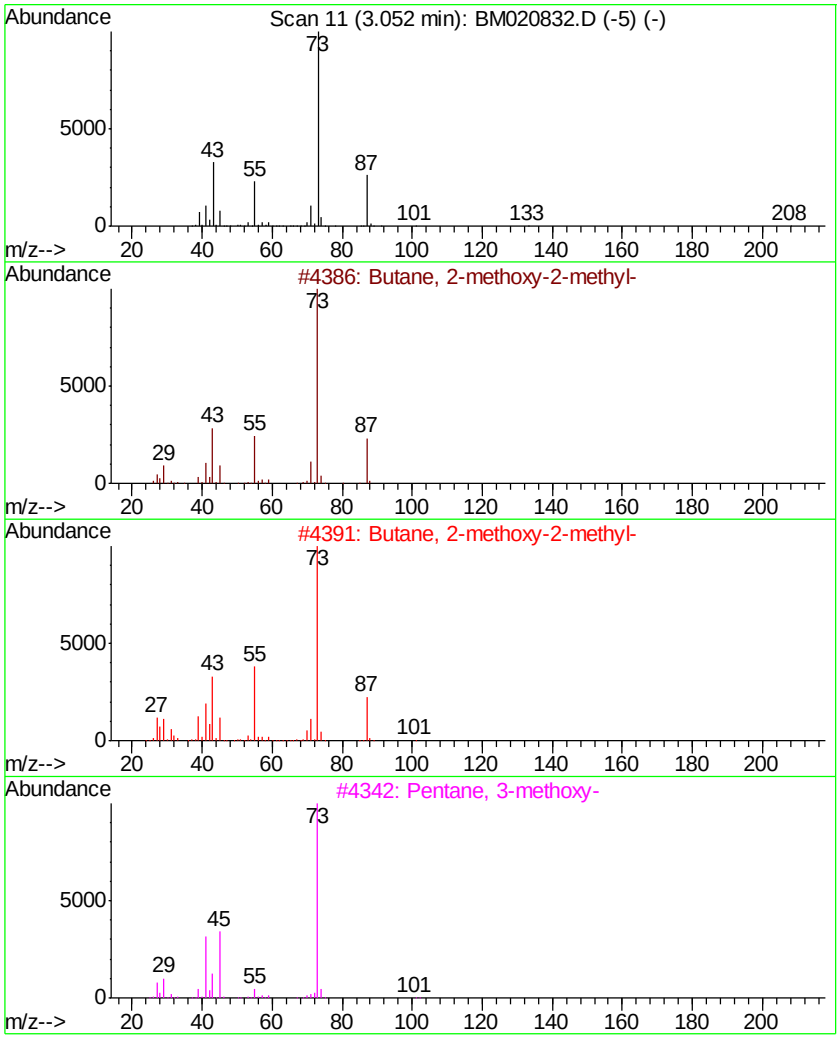
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

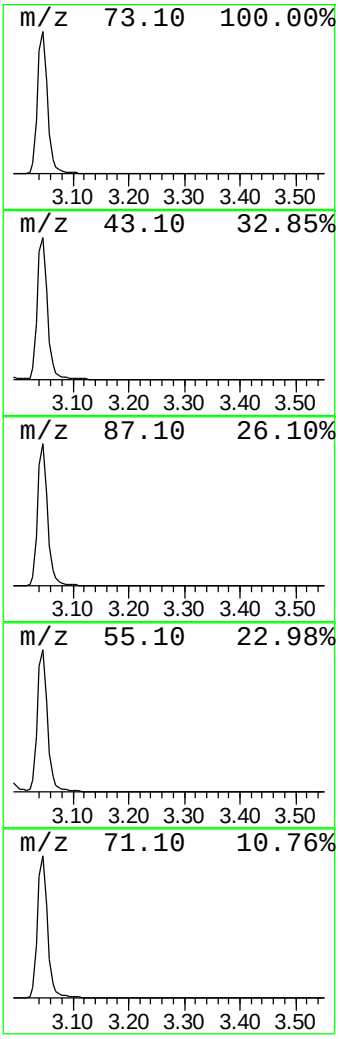
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	93.96 ng/ul	5410700	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

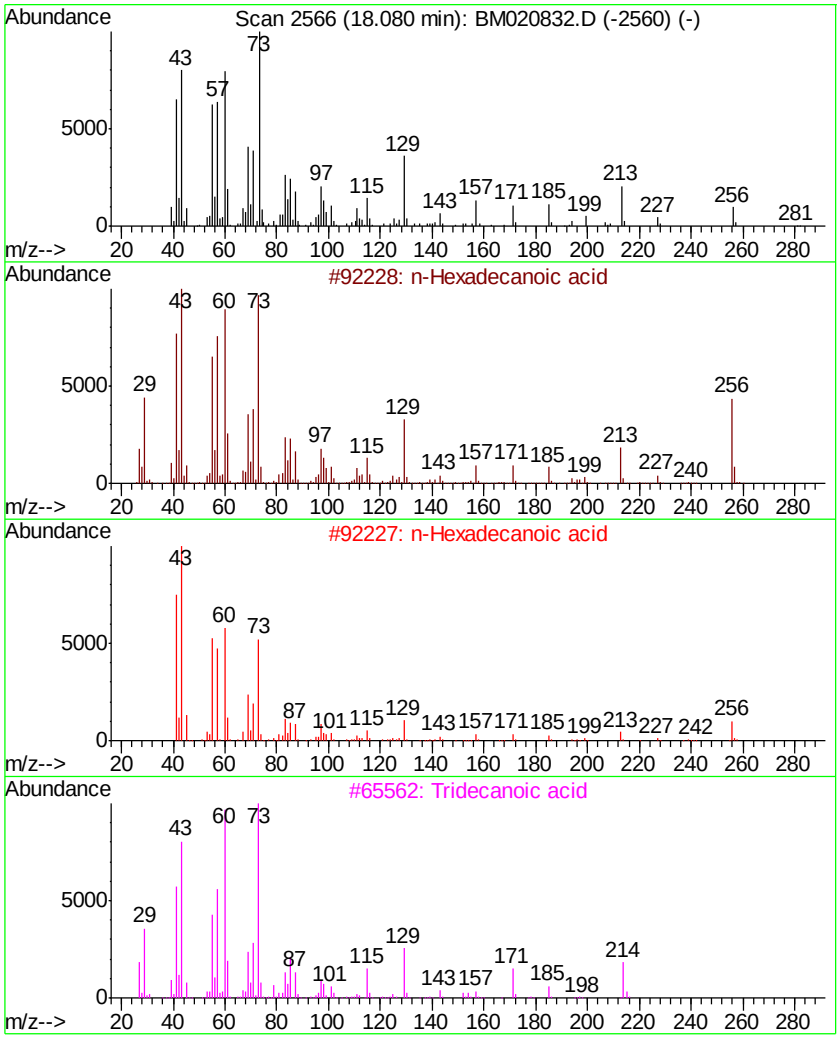
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

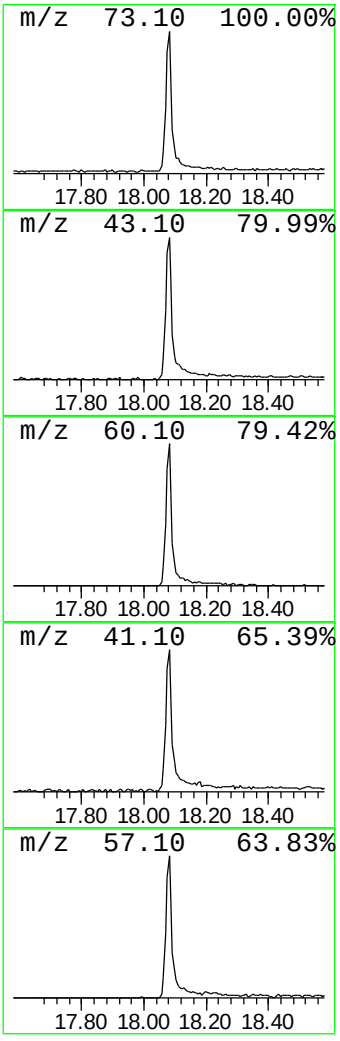
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.79 ng/ul	614804	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

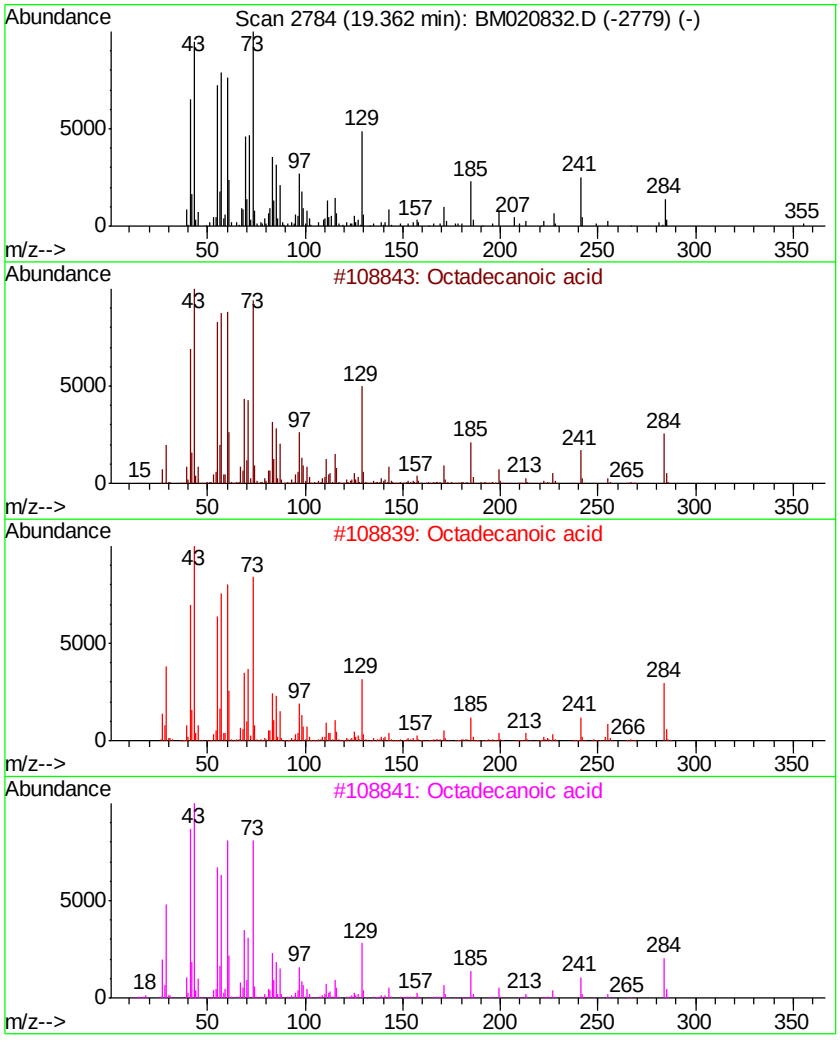
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

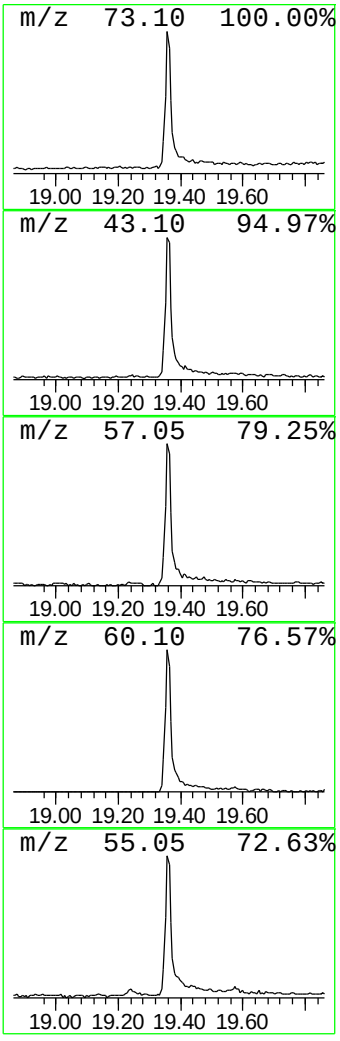
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	4.55 ng/ul	640390	Chrysene-d12	21.37

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061019\
Data File : BM020832.D
Acq On : 10 Jun 2019 12:43
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	94.0	ng/ul	5410700	1	7.81	1151720	20.0
n-Hexadecanoic acid	18.08	4.8	ng/ul	614804	4	17.19	2566820	20.0
Octadecanoic acid	19.36	4.5	ng/ul	640390	5	21.37	2816890	20.0