LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 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	4318806	5443745	81.64%	7.513%
2	3.310	52	55	60	rVB2	24216	35030	0.53%	0.048%
3	3.934	158	161	167	rVB	32876	45289	0.68%	0.063%
4	4.034	174	178	187	rVB	32743	52383	0.79%	0.072%
5	5.328	395	398	403	rBV5	4900	9284	0.14%	0.013%
6	5.828	481	483	487	rVB4	5807	7214	0.11%	0.010%
7	6.898	660	665	667	rBV4	4889	7966	0.12%	0.011%
8	6.975	671	678	686	rVB	425899	696256	10.44%	0.961%
9	7.145	701	707	719	rBV	1005616	1588216	23.82%	2.192%
10	7.339	732	740	749	rBV	1288662	2004077	30.06%	2.766%
11	7.445	757	758	763	rVB2	8807	8983	0.13%	0.012%
12	7.810	813	820	826	rBV	1128042	1808508	27.12%	2.496%
13	7.869	826	830	835	rVB3	33072	54007	0.81%	0.075%
14	8.510	932	939	950	rBV	1060685	1735836	26.03%	2.396%
15	8.969	1009	1017	1026	rBV	1253701	2052429	30.78%	2.832%
16	9.686	1132	1139	1148	rBV	1030630	1703984	25.55%	2.352%
17	10.216	1222	1229	1240	rBV	1626711	2723183	40.84%	3.758%
18	10.598	1286	1294	1302	rBV	1526836	2489826	37.34%	3.436%
19	10.739	1311	1318	1329	rBV	87015	170054	2.55%	0.235%
20	12.192	1559	1565	1570	rVB2	25943	42212	0.63%	0.058%
21	12.398	1597	1600	1604	rBV4	4750	8064	0.12%	0.011%
22	13.416	1767	1773	1775	rVB6	5700	8626	0.13%	0.012%
23	13.857	1841	1848	1859	rBV	2889965	3841677	57.61%	5.302%
24	14.139	1889	1896	1908	rBV	3184828	4754450	71.30%	6.561%
25	14.339	1922	1930	1935	rVB7	12491	18783	0.28%	0.026%
26	14.445	1937	1948	1957	rBV2	2106241	3169813	47.54%	4.374%
27	14.651	1975	1983	1993	rBV	280520	463930	6.96%	0.640%
28	15.239	2077	2083	2088	rBV2	11033	17365	0.26%	0.024%
29	15.439	2110	2117	2125	rBV	3800994	5627142	84.39%	7.766%
30	15.562	2132	2138	2152	rBV	646398	895116	13.42%	1.235%
31	15.680	2152	2158	2164	rVV2	45892	75500	1.13%	0.104%
32	16.221	2245	2250	2254	rVB4	14967	23962	0.36%	0.033%
33	16.392	2276	2279	2284	rVB4	9587	12669	0.19%	0.017%
34	16.586	2308	2312	2314	rBV4	5105	6929	0.10%	0.010%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 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	16.868	2357	2360	2365	rVV5	6073	9606	0.14%	0.013%
36	16.980	2375	2379	2385	rVB2	9948	15193	0.23%	0.021%
37	17.074	2390	2395	2398	rVV7	8606	11763	0.18%	0.016%
38	17.192	2409	2415	2425	rBV2	2431627	3506198	52.58%	4.839%
39	17.292	2425	2432	2441	rBV	4045837	5587729	83.80%	7.711%
40	17.362	2441	2444	2449	rVB4	11434	18451	0.28%	0.025%
41	17.445	2453	2458	2467	rVV	59390	100166	1.50%	0.138%
42	17.780	2512	2515	2517	rBV5	9969	12662	0.19%	0.017%
43	18.080	2560	2566	2576	rBV	416228	635859	9.54%	0.878%
44	18.256	2593	2596	2600	rVB5	23948	30093	0.45%	0.042%
45	18.421	2619	2624	2631	rBV4	39359	70551	1.06%	0.097%
46	18.939	2710	2712	2714	rBV3	9138	7108	0.11%	0.010%
47	19.221	2756	2760	2762	rBV	43255	62036	0.93%	0.086%
48	19.362	2779	2784	2792	rBV	304363	511713	7.67%	0.706%
49	19.474	2800	2803	2807	rVB	38183	43392	0.65%	0.060%
50	19.586	2815	2822	2828	rBV	4507107	6183572	92.73%	8.534%
51	21.368	3121	3125	3131	rVB	2714189	3545054	53.16%	4.892%
52	23.509	3483	3489	3499	rVB2	3445387	6668025	100.00%	9.202%
53	23.656	3508	3514	3526	rVB	2017425	3840020	57.59%	5.299%

Sum of corrected areas: 72461699

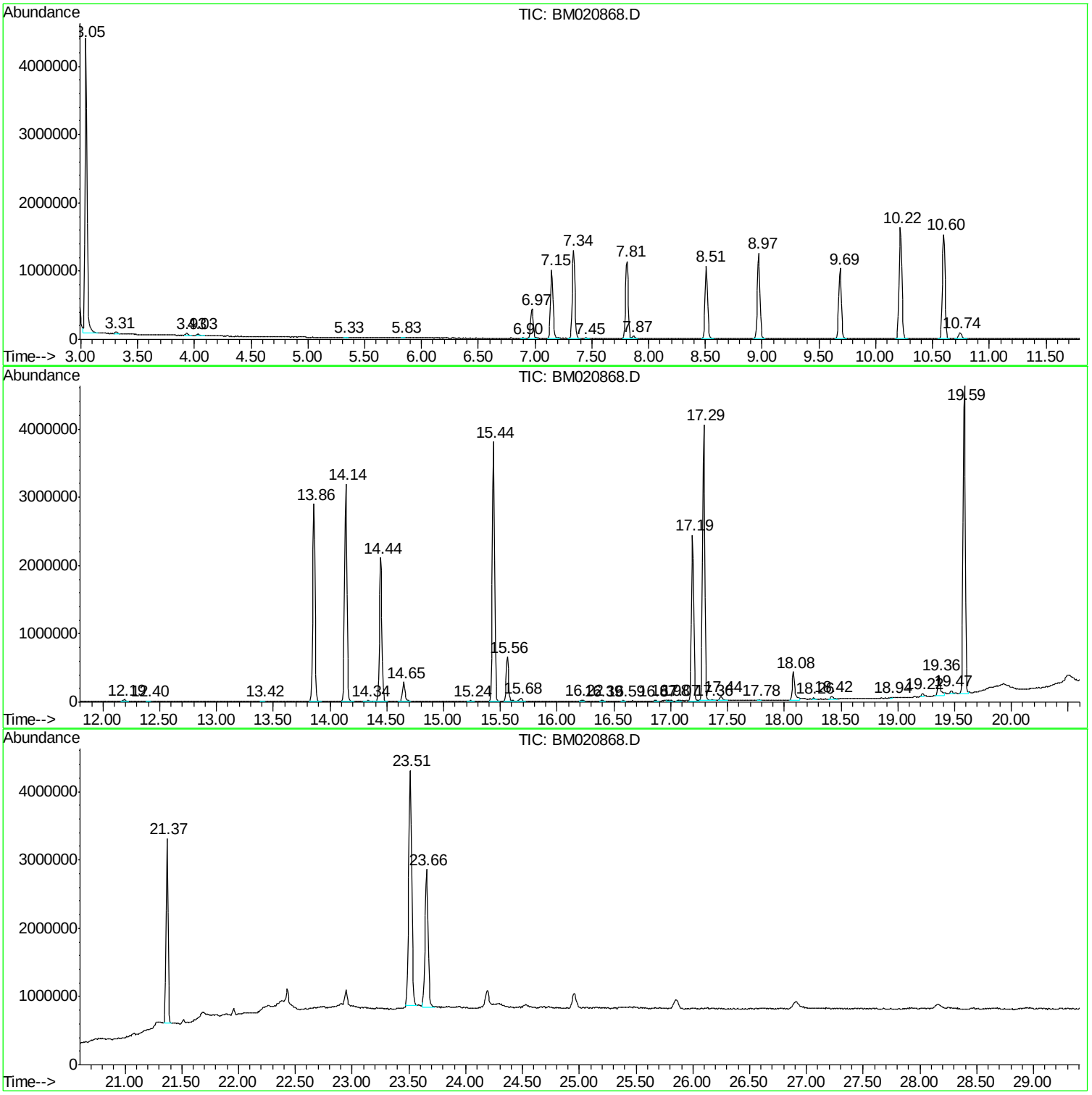
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 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\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

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

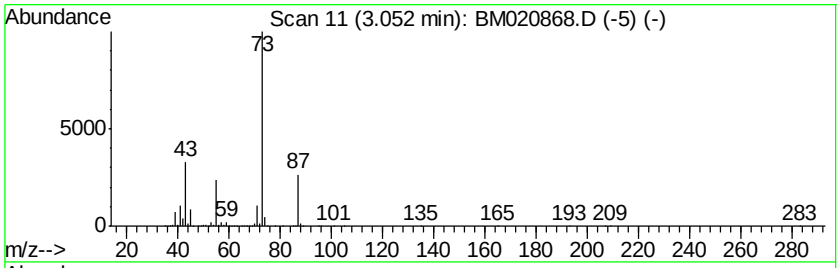
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

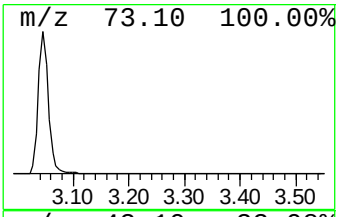
****

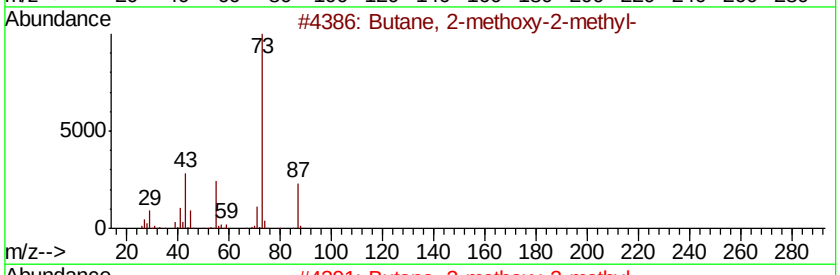
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

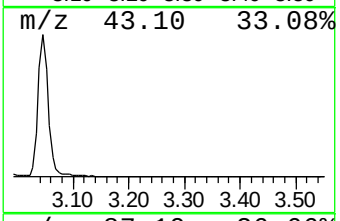
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	60.20 ng/ul	5443750	1,4-Dichlorobenzene-d4	7.81

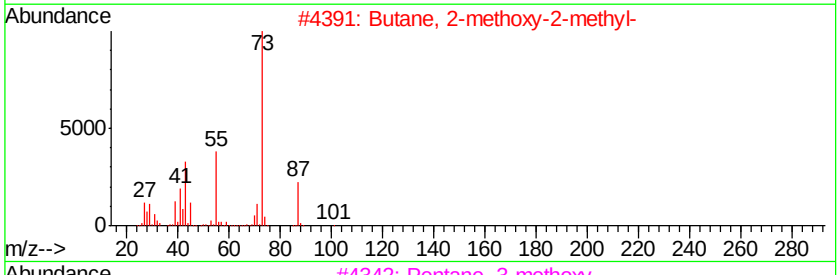
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

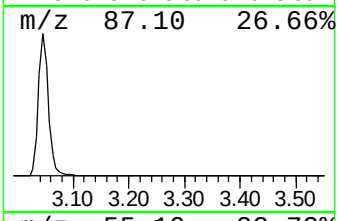


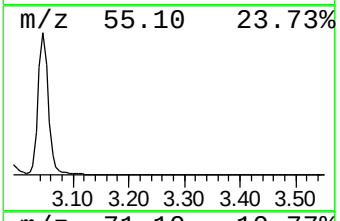


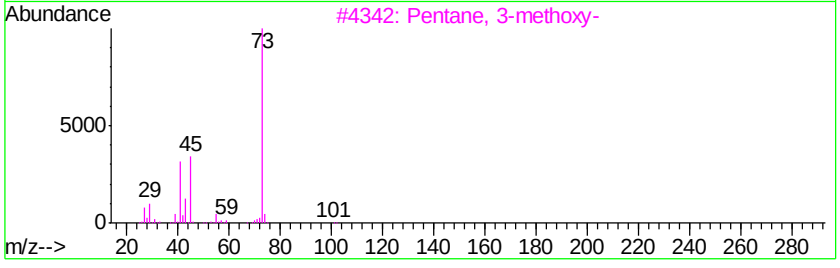


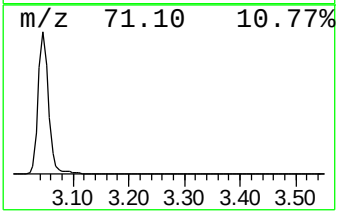












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

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

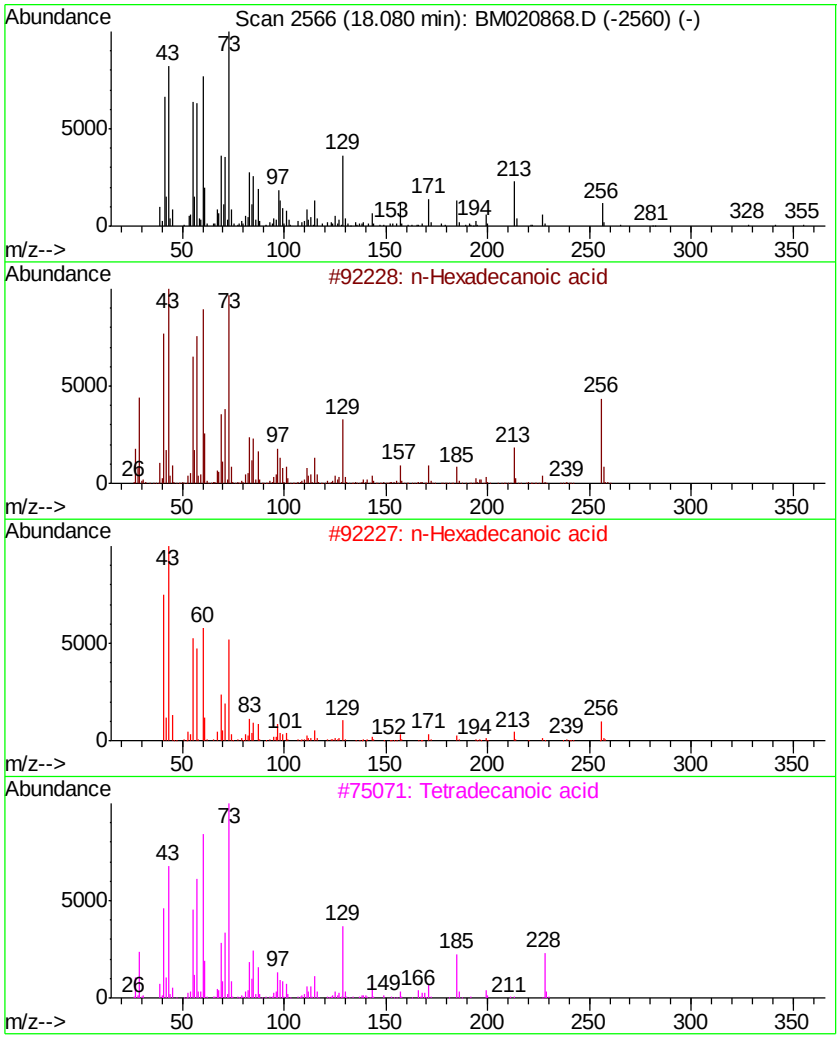
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

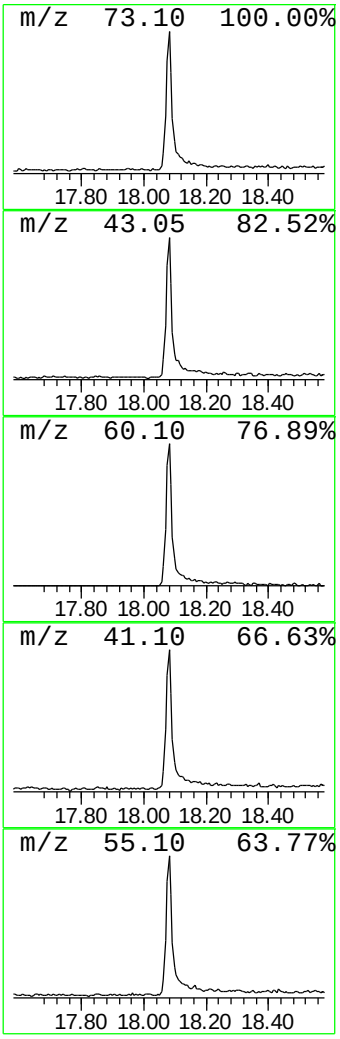
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.63 ng/ul	635859	Phenanthrene-d10	17.19

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHJ2

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

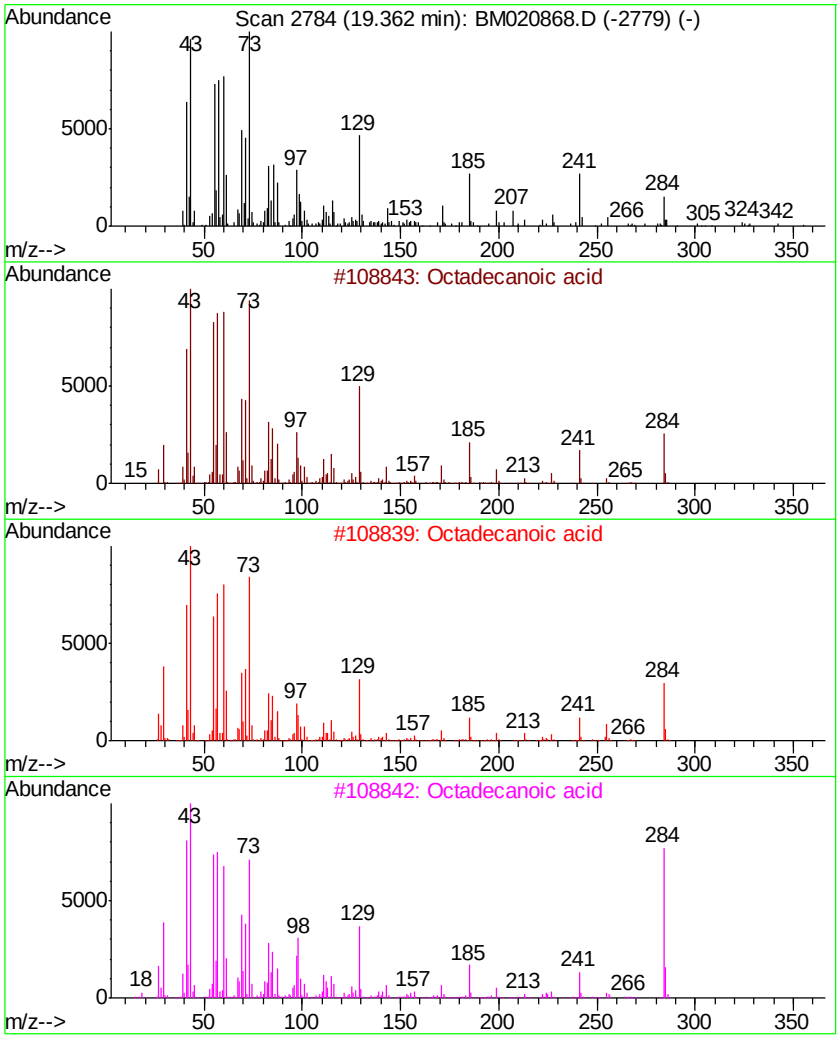
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

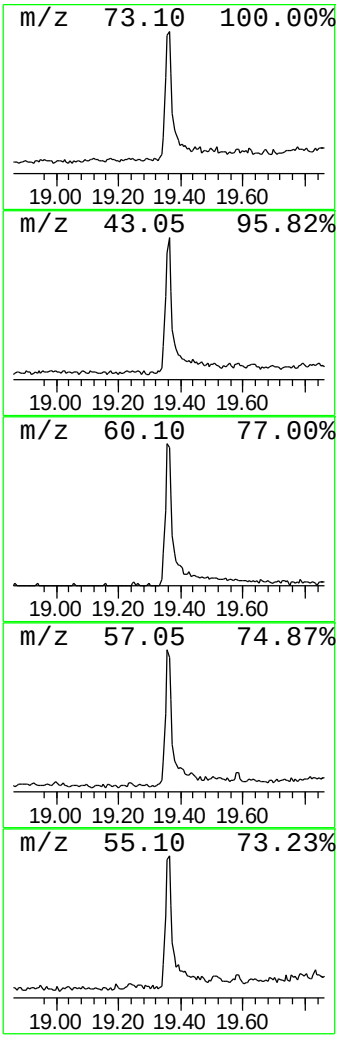
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.89 ng/ul	511713	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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061119\
Data File : BM020868.D
Acq On : 11 Jun 2019 11:19
Operator : HP/JU
Sample : K2975-09
Misc :
ALS Vial : 5 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	60.2	ng/ul	5443750	1	7.81	1808510	20.0
n-Hexadecanoic acid	18.08	3.6	ng/ul	635859	4	17.19	3506200	20.0
Octadecanoic acid	19.36	2.9	ng/ul	511713	5	21.37	3545050	20.0