LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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	6.851	633	640	651	rVB2	739410	1432545	38.16%	2.832%
2	7.010	661	667	678	rVB	567163	874873	23.30%	1.730%
3	7.204	693	700	710	rVB	771024	1192429	31.76%	2.358%
4	7.669	772	779	788	rVB	835692	1351571	36.00%	2.672%
5	8.375	891	899	907	rBV	1022337	1640504	43.70%	3.244%
6	8.822	968	975	983	rBV	814923	1328856	35.40%	2.627%
7	9.540	1090	1097	1108	rBV	682071	1143235	30.45%	2.260%
8	10.075	1180	1188	1198	rBV	987337	1717668	45.75%	3.396%
9	10.445	1243	1251	1265	rBV	1208912	1996375	53.18%	3.947%
10	10.587	1269	1275	1292	rBV	863463	1588159	42.30%	3.140%
11	13.133	1702	1708	1713	rBV	42229	61717	1.64%	0.122%
12	13.727	1803	1809	1813	rBV	1998386	2759950	73.52%	5.457%
13	13.775	1813	1817	1825	rVV	392109	587672	15.65%	1.162%
14	14.004	1847	1856	1867	rVB	2100114	3147146	83.83%	6.222%
15	14.216	1885	1892	1896	rBV	116430	161107	4.29%	0.319%
16	14.310	1900	1908	1917	rBV2	1710323	2639479	70.31%	5.219%
17	14.533	1940	1946	1961	rBV	538337	1007508	26.84%	1.992%
18	14.839	1994	1998	2003	rVB5	32481	47572	1.27%	0.094%
19	15.169	2050	2054	2059	rVB2	132726	160436	4.27%	0.317%
20	15.310	2069	2078	2085	rBV	2672866	3712189	98.88%	7.340%
21	15.439	2094	2100	2112	rBV	585105	906066	24.14%	1.791%
22	15.551	2112	2119	2122	rVV4	39984	78671	2.10%	0.156%
23	16.033	2197	2201	2211	rBV	112547	182713	4.87%	0.361%
24	16.827	2332	2336	2339	rBV	67966	84257	2.24%	0.167%
25	17.063	2369	2376	2383	rBV2	1924047	2794398	74.44%	5.525%
26	17.157	2385	2392	2399	rBV	2568343	3705248	98.70%	7.326%
27	17.963	2523	2529	2546	rBV2	522271	891504	23.75%	1.763%
28	19.098	2718	2722	2726	rBV2	48993	78712	2.10%	0.156%
29	19.251	2743	2748	2758	rBV	276363	452186	12.05%	0.894%
30	19.457	2777	2783	2790	rBV	2745401	3754138	100.00%	7.422%
31	19.515	2790	2793	2796	rVB4	34304	39110	1.04%	0.077%
32	20.968	3036	3040	3048	rBV	524263	717890	19.12%	1.419%
33	21.251	3083	3088	3096	rBV	1900149	2423689	64.56%	4.792%
34	21.368	3104	3108	3111	rBV6	58842	76693	2.04%	0.152%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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

35	22.298	3262	3266	3271	rVB5	182737	249626	6.65%	0.494%
36	22.797	3348	3351	3356	rVB3	95207	122010	3.25%	0.241%
37	23.333	3435	3442	3452	rVB	1675009	3320515	88.45%	6.565%
38	23.474	3459	3466	3475	rVB	1149580	2149523	57.26%	4.250%

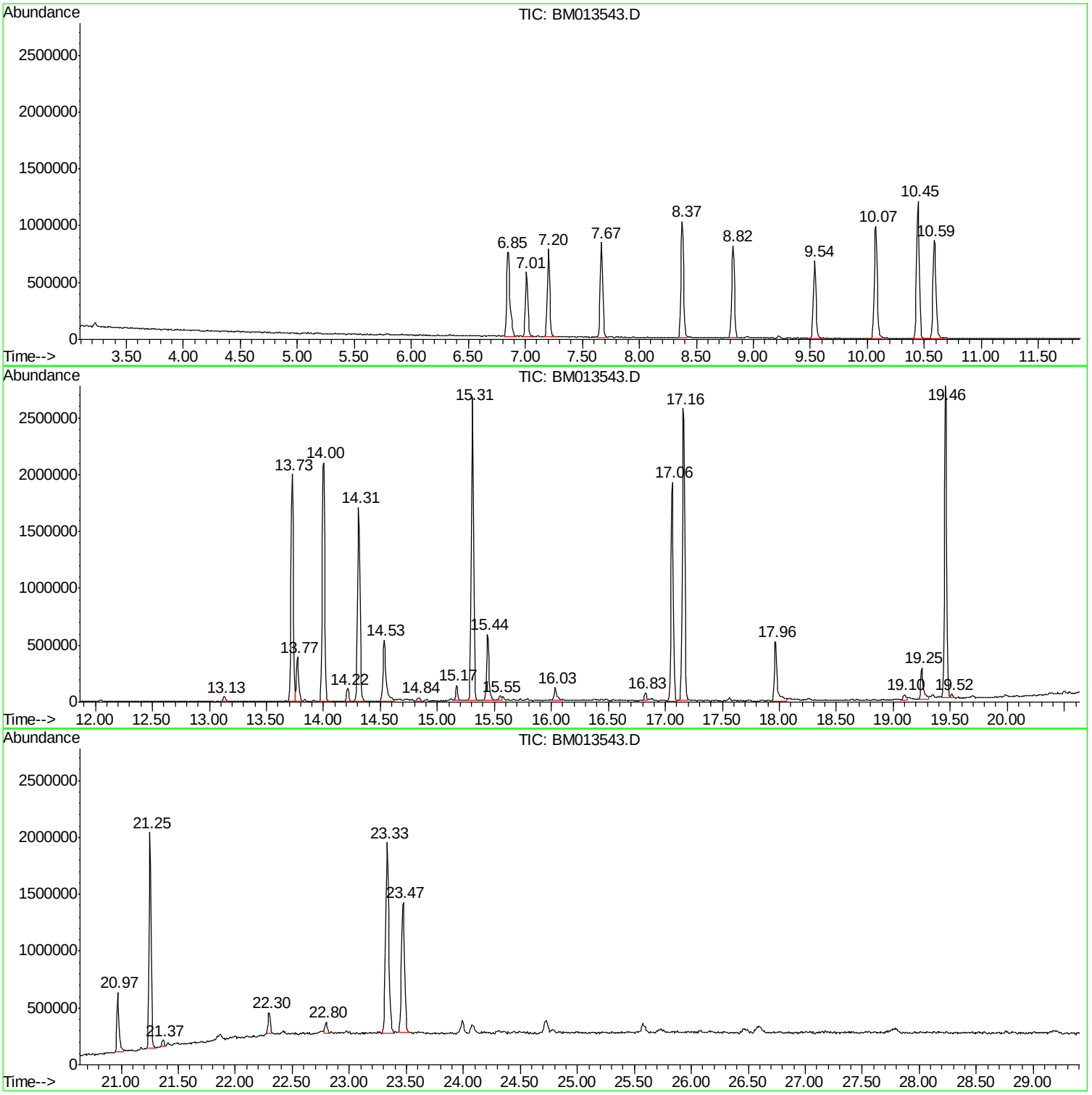
Sum of corrected areas: 50577940

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM2

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 : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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

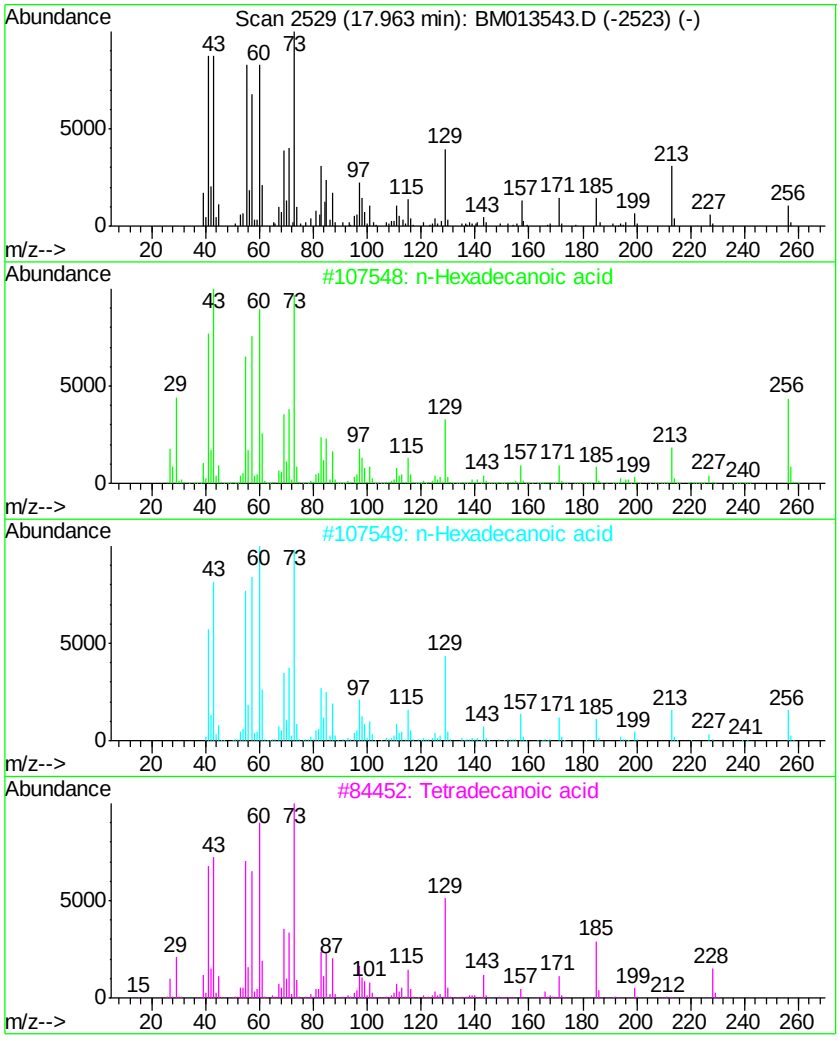
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

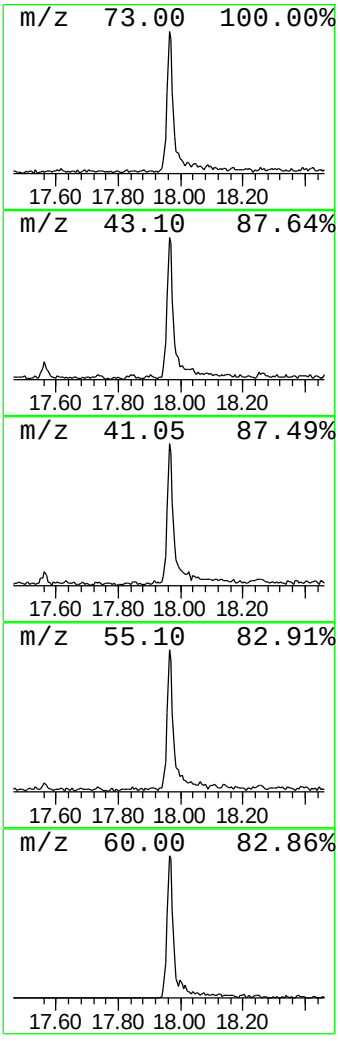
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.38 ng/ul	891504	Phenanthrene-d10	17.06

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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

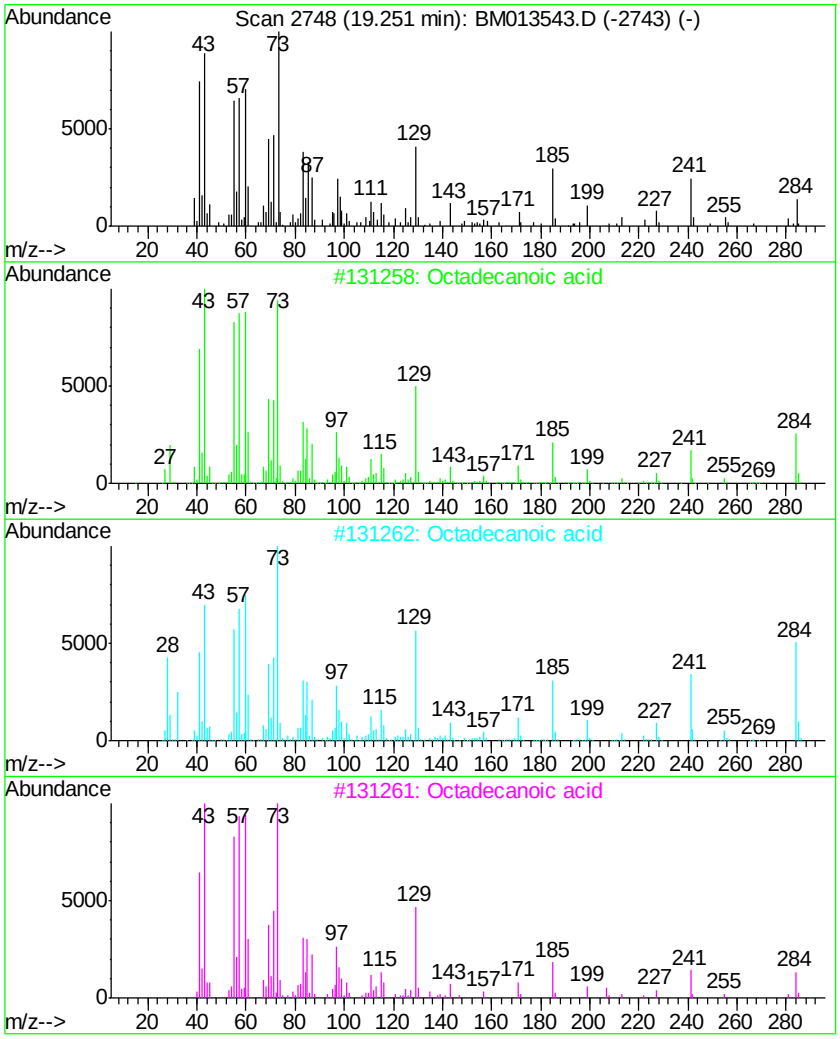
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

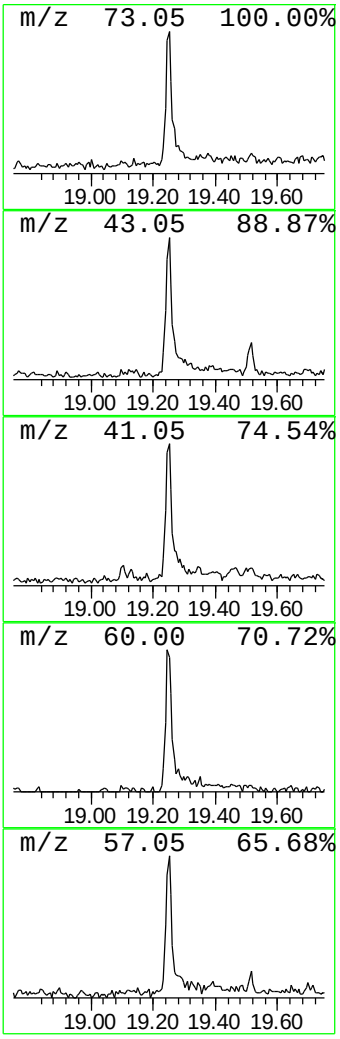
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.73 ng/ul	452186	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
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 : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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

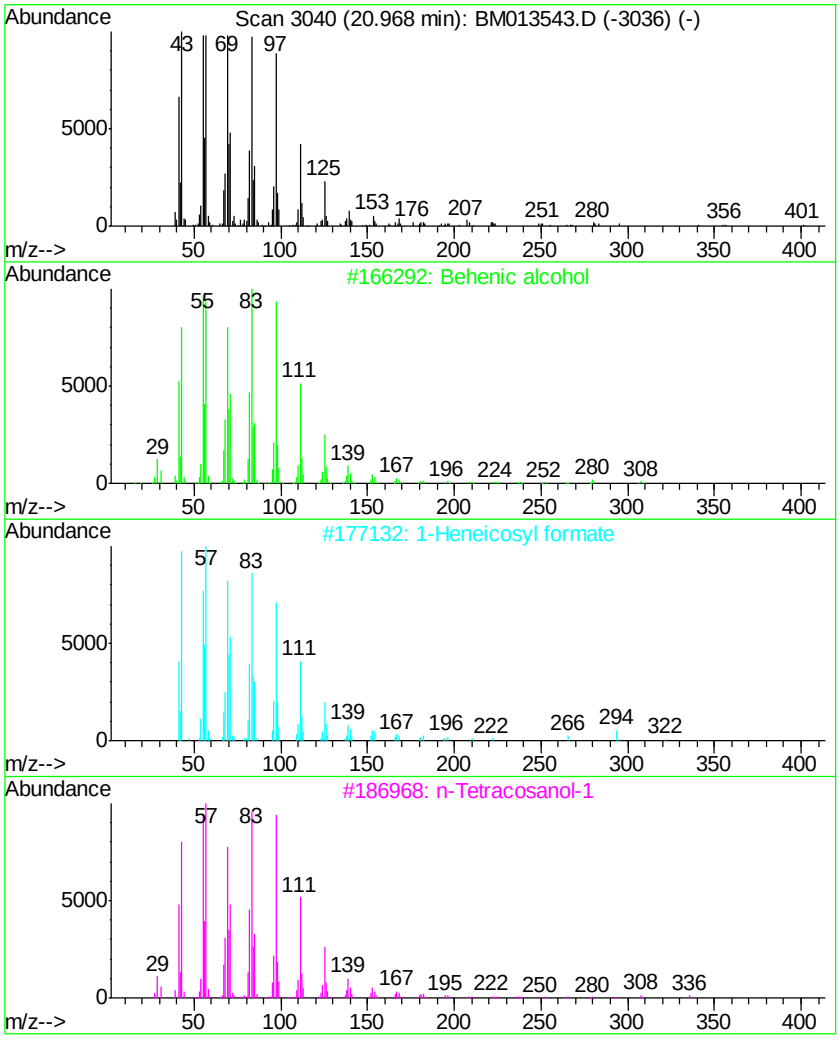
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

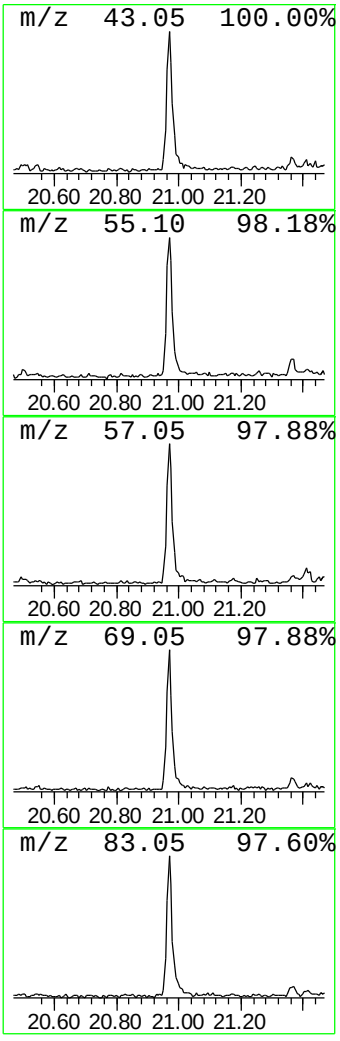
****

Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.92 ng/ul	717890	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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

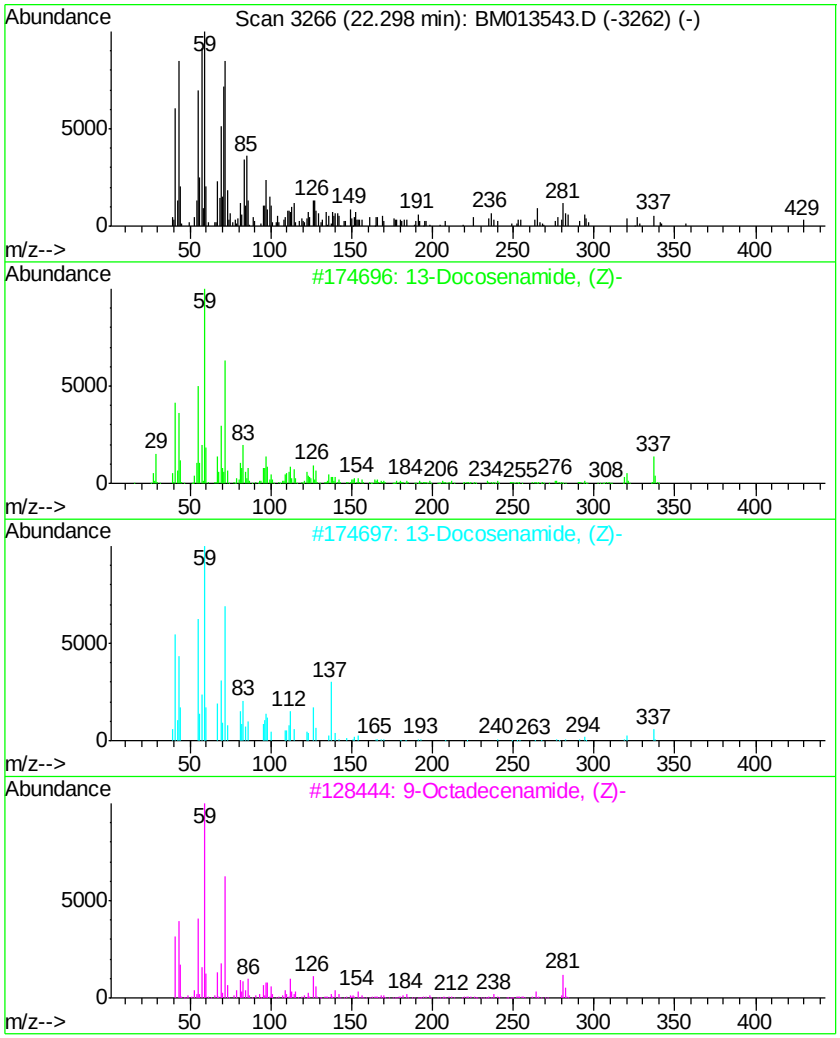
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

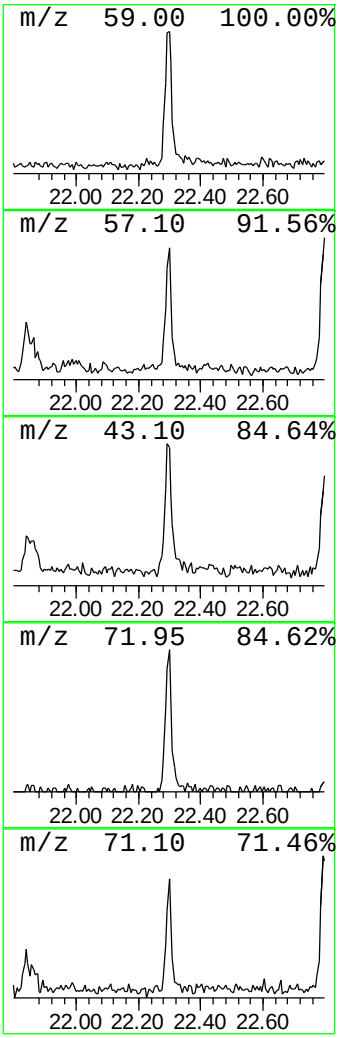
****

Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.06 ng/ul	249626	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	89
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013543.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I7046-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FM2

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
n-Hexadecanoic acid	17.96	6.4	ng/ul	891504	4	17.06	2794400	20.0
Octadecanoic acid	19.25	3.7	ng/ul	452186	5	21.25	2423690	20.0
Behenic alcohol	20.97	5.9	ng/ul	717890	5	21.25	2423690	20.0
13-Docosenamide, ...	22.30	2.1	ng/ul	249626	5	21.25	2423690	20.0