LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(66-70)

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_M\Methods\8270-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.975	315	321	333	rBV2	113250	196699	1.02%	0.242%
2	5.428	391	398	410	rBV	4813400	6898154	35.67%	8.478%
3	7.010	659	667	678	rBV	4899690	7676560	39.69%	9.435%
4	7.845	803	809	816	rBV	833765	1313643	6.79%	1.615%
5	9.004	997	1006	1017	rBV	2719392	4503682	23.29%	5.535%
6	10.633	1275	1283	1294	rBV	1100286	1903130	9.84%	2.339%
7	13.092	1694	1701	1713	rBV	7622565	11449194	59.20%	14.072%
8	13.921	1836	1842	1853	rBV	1007910	1430652	7.40%	1.758%
9	14.468	1928	1935	1948	rBV	1953156	2799933	14.48%	3.441%
10	15.957	2180	2188	2206	rBV	6770130	9886056	51.12%	12.151%
11	17.204	2393	2400	2409	rBV	2424654	3467914	17.93%	4.262%
12	18.092	2545	2551	2562	rBV	712755	1105125	5.71%	1.358%
13	19.362	2763	2767	2779	rBV	282744	442678	2.29%	0.544%
14	19.821	2838	2845	2850	rBV	15641515	19339976	100.00%	23.770%
15	21.074	3053	3058	3069	rBV	973088	1492079	7.71%	1.834%
16	21.362	3102	3107	3116	rBV	3129398	3924303	20.29%	4.823%
17	23.644	3488	3495	3508	rVB2	1814999	3532861	18.27%	4.342%

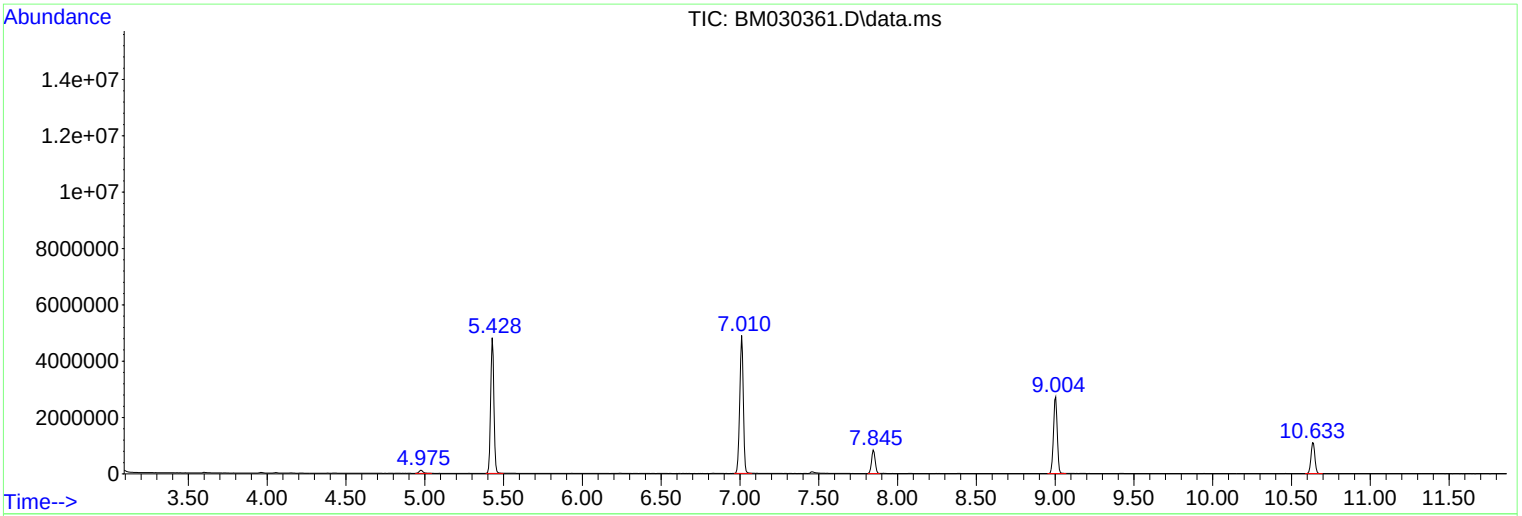
Sum of corrected areas: 81362639

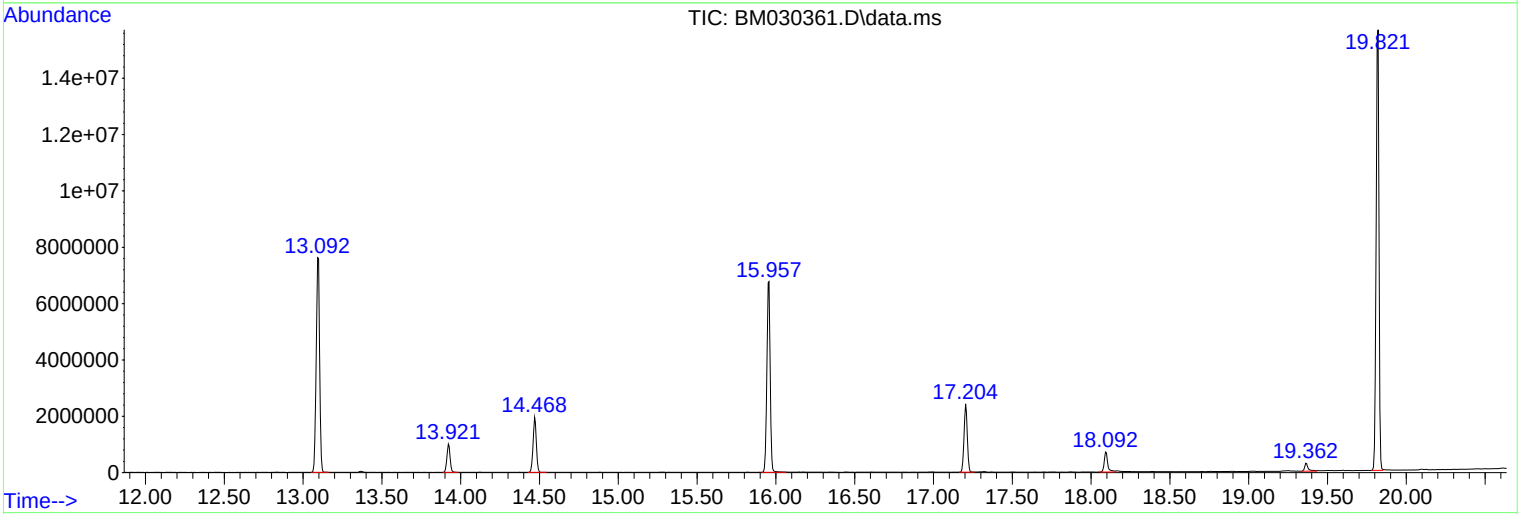
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

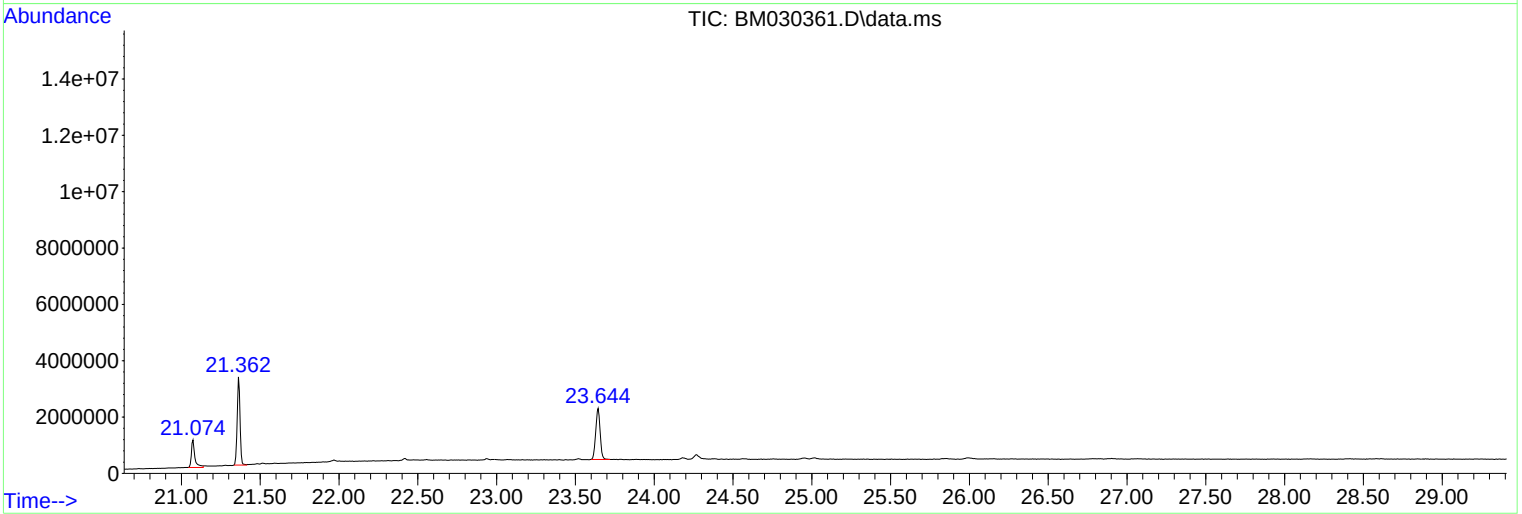
Instrument :
BNA_M
ClientSampleId :
18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

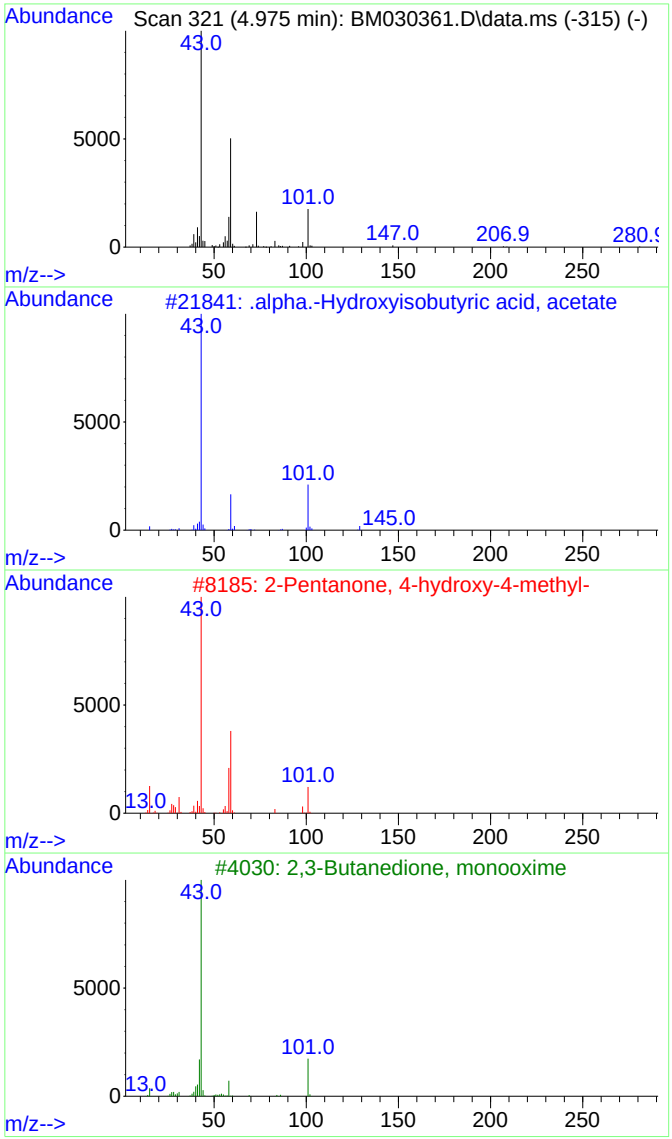
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

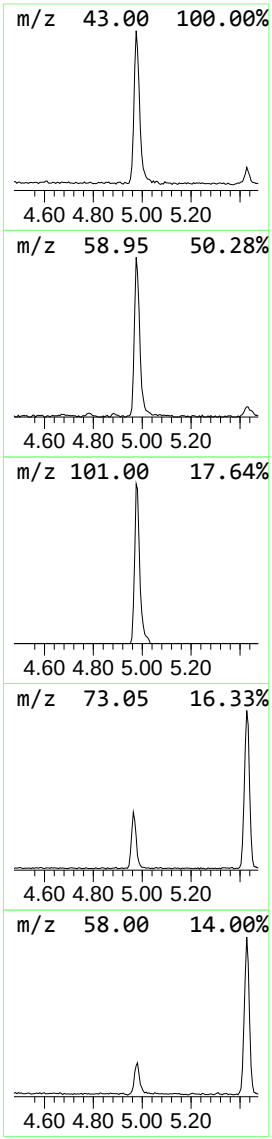
****

Peak Number 1 unknown4.975 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	2.99 ng	196699	1,4-Dichlorobenzene-d4	7.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	25
5	3-Octanol	130	C8H18O	000589-98-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

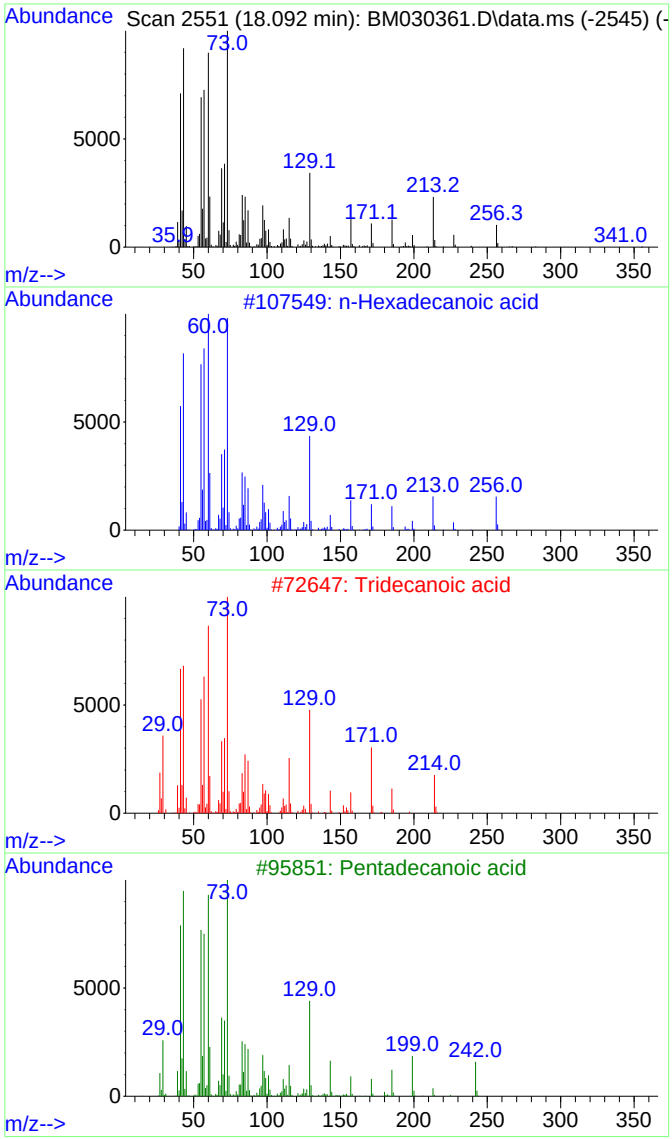
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

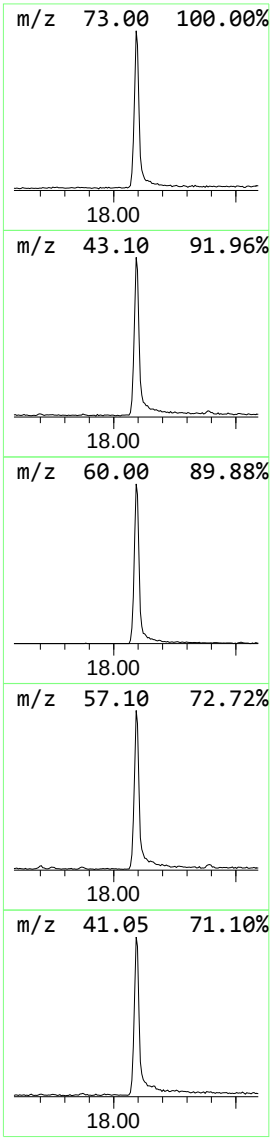
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	6.37 ng	1105130	Phenanthrene-d10	17.203

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

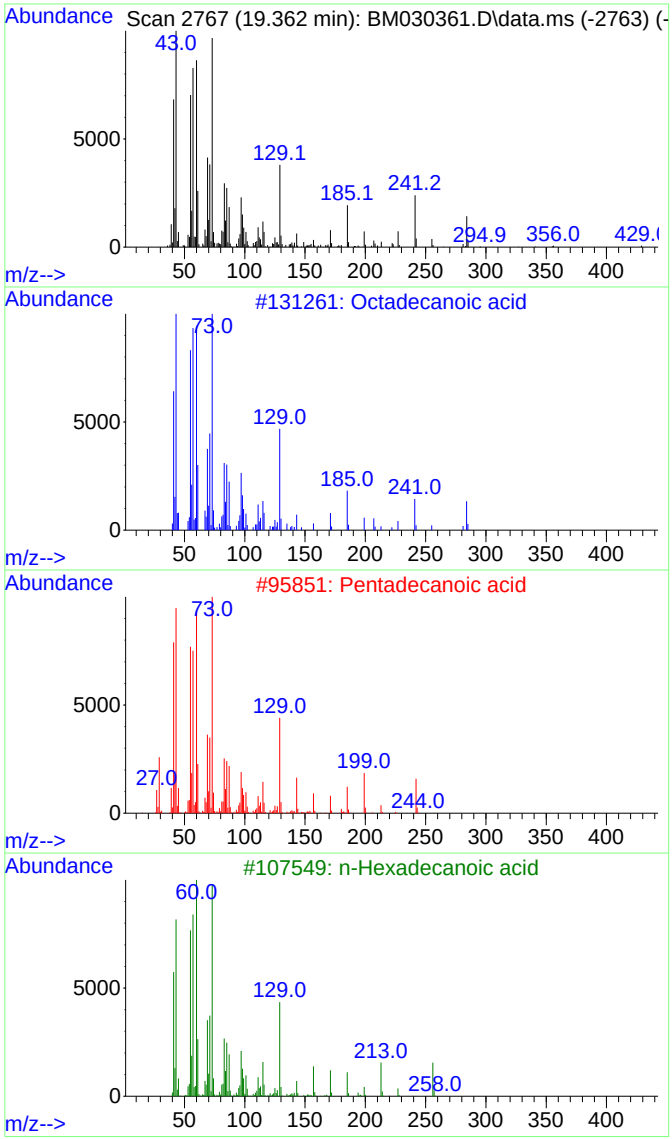
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

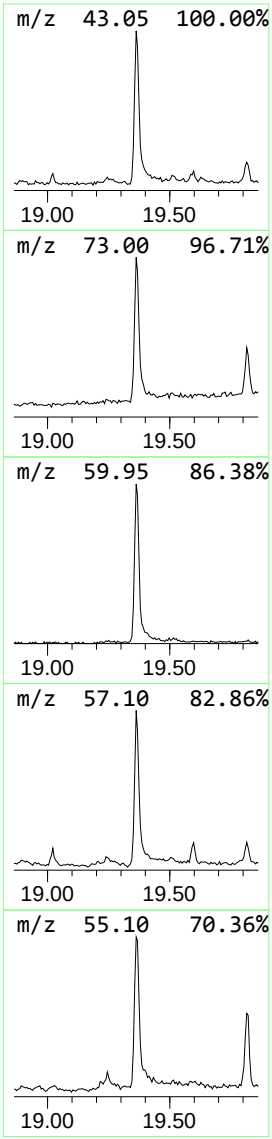
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.362	2.26 ng	442678	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

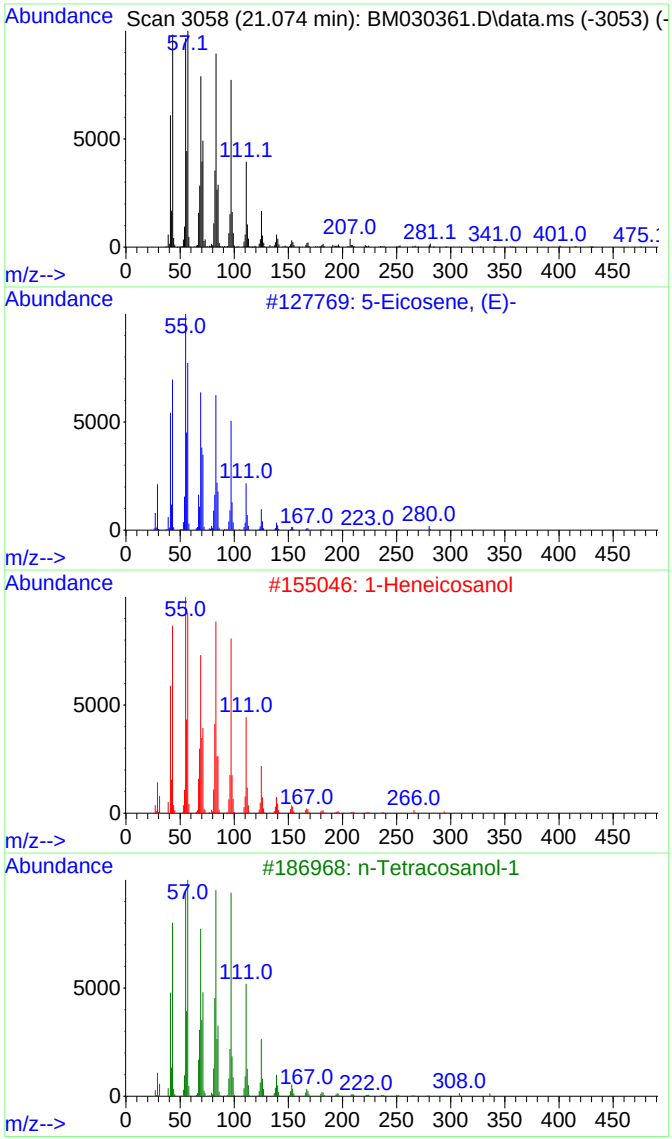
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

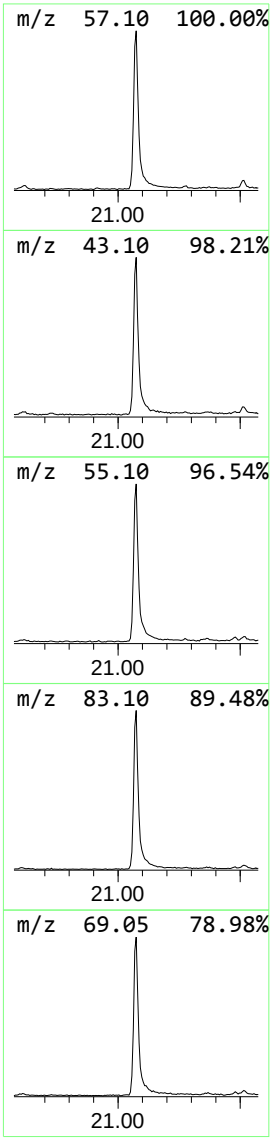
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	7.60 ng	1492080	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030361.D
Acq On : 10 Jun 2021 02:46
Operator : CG/JU
Sample : M2612-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 18-B12(66-70)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.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
unknown4.975	4.975	3.0	ng	196699	1	7.845	1313640	20.0
n-Hexadecanoic ...	18.092	6.4	ng	1105130	4	17.203	3467910	20.0
Octadecanoic acid	19.362	2.3	ng	442678	5	21.362	3924300	20.0
5-Eicosene, (E)-	21.074	7.6	ng	1492080	5	21.362	3924300	20.0