LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	400	407	425	rBV	1059484	1593505	34.06%	7.933%
2	7.016	678	685	703	rBV	1132184	1835242	39.23%	9.137%
3	7.845	820	826	838	rBV	190643	317154	6.78%	1.579%
4	9.045	1023	1030	1048	rBV	650221	1151562	24.62%	5.733%
5	10.663	1298	1305	1313	rBV	239571	429277	9.18%	2.137%
6	13.121	1716	1723	1737	rBV	1983635	2759558	58.99%	13.739%
7	14.268	1914	1918	1924	rVB2	36602	50368	1.08%	0.251%
8	14.504	1952	1958	1967	rBV	397982	612161	13.09%	3.048%
9	15.998	2205	2212	2223	rBV	1898338	2629893	56.21%	13.093%
10	16.151	2233	2238	2244	rBV	51205	85175	1.82%	0.424%
11	17.256	2420	2426	2430	rBV	494538	713205	15.25%	3.551%
12	17.298	2430	2433	2441	rVB	77102	117259	2.51%	0.584%
13	17.680	2493	2498	2507	rVB2	39100	59746	1.28%	0.297%
14	18.109	2566	2571	2579	rBV2	178210	318659	6.81%	1.586%
15	19.309	2771	2775	2785	rBV	182263	297163	6.35%	1.479%
16	19.392	2785	2789	2799	rBV	75258	138246	2.96%	0.688%
17	19.645	2828	2832	2834	rBV2	47689	74022	1.58%	0.369%
18	19.680	2834	2838	2845	rVB	170824	248180	5.30%	1.236%
19	19.874	2865	2871	2887	rBV	4045375	4678278	100.00%	23.291%
20	21.097	3074	3079	3087	rBV4	171972	328034	7.01%	1.633%
21	21.303	3111	3114	3119	rVB	199673	220613	4.72%	1.098%
22	21.439	3131	3137	3141	rBV2	550394	826210	17.66%	4.113%
23	23.815	3535	3541	3548	rBV	307871	602366	12.88%	2.999%

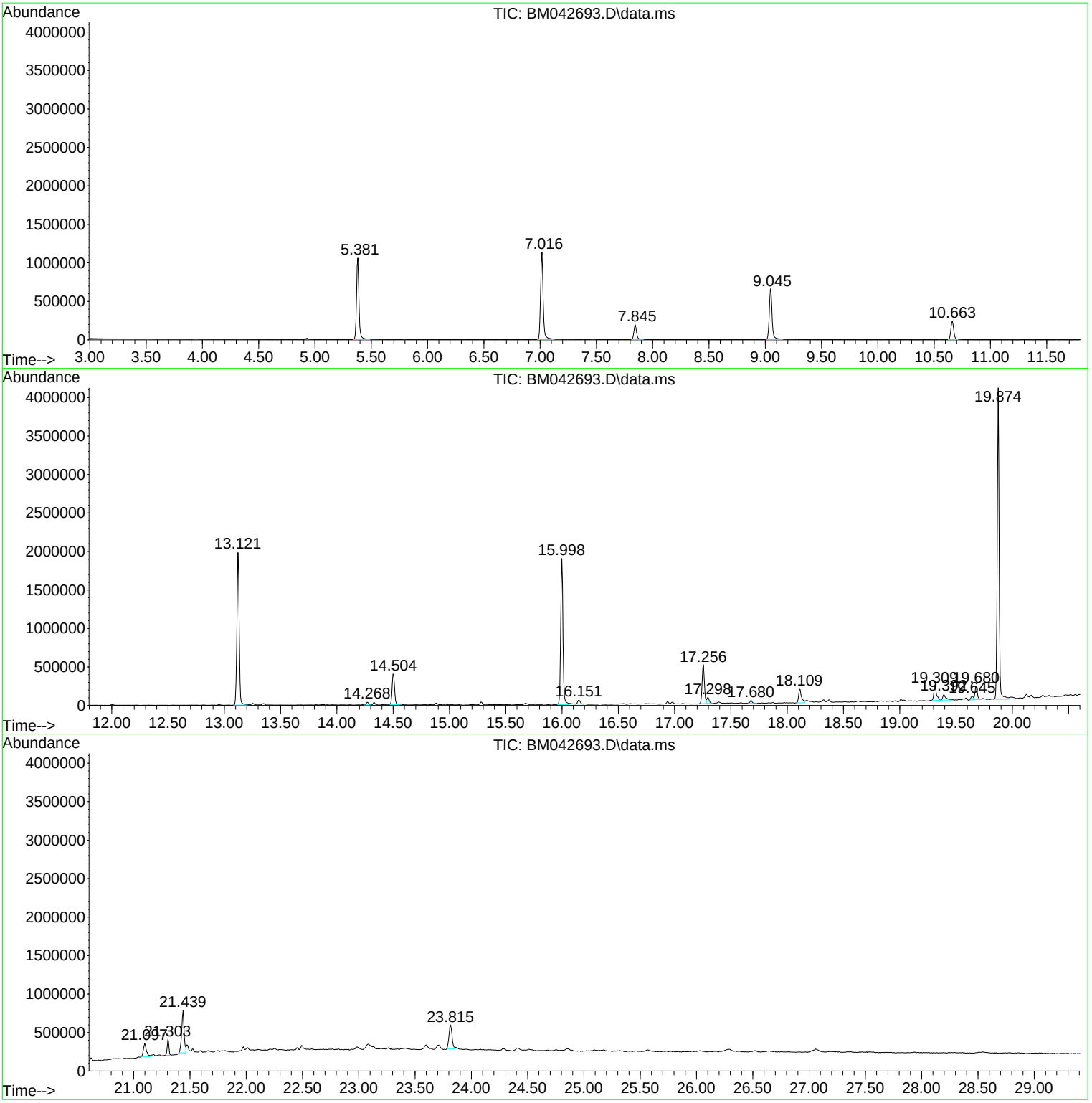
Sum of corrected areas: 20085876

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

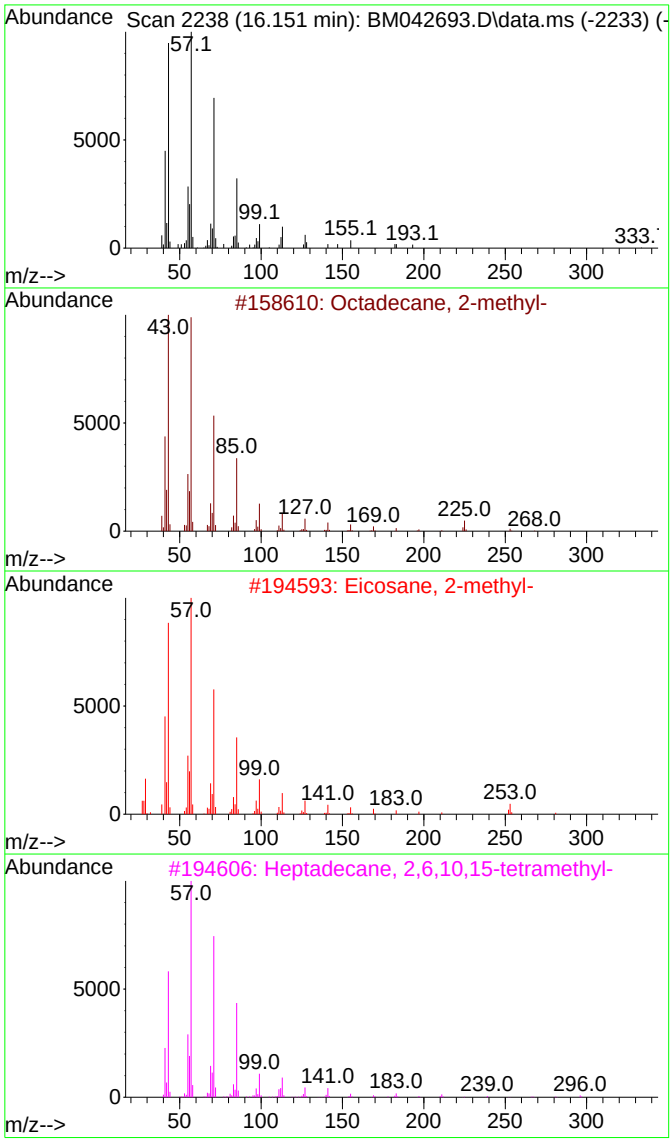
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

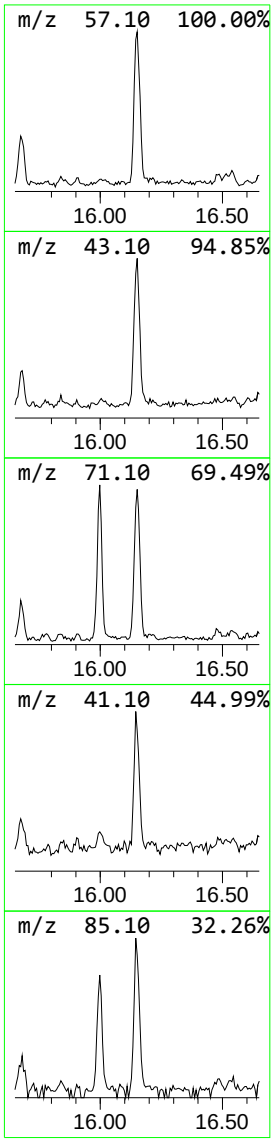
****

Peak Number 1 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	2.39 ng	85175	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

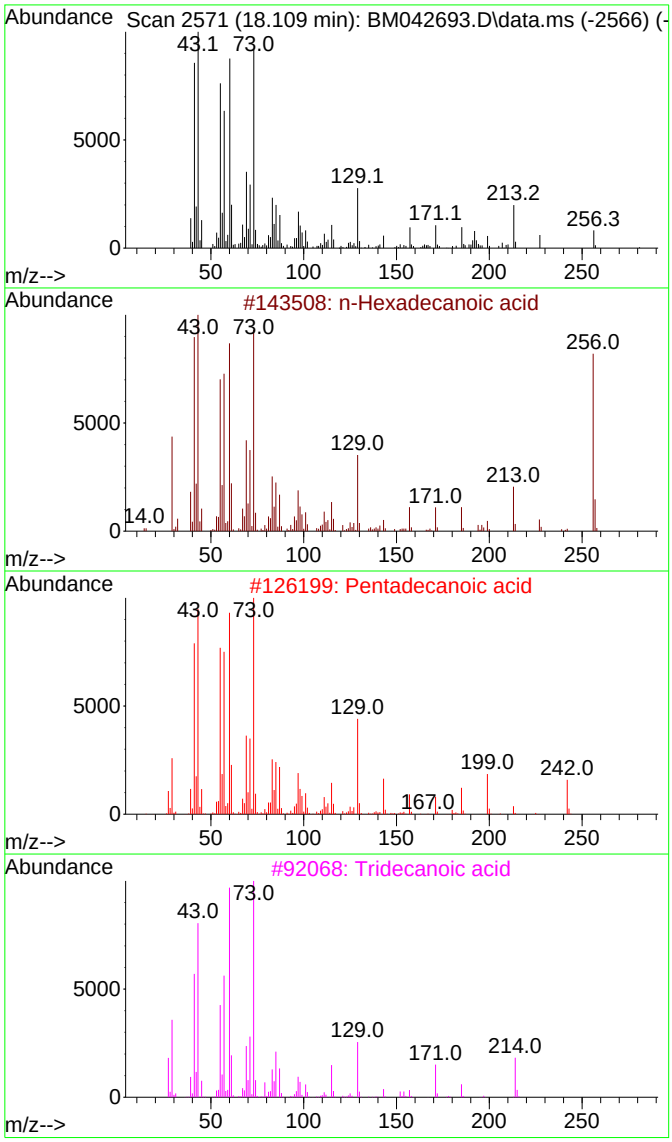
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

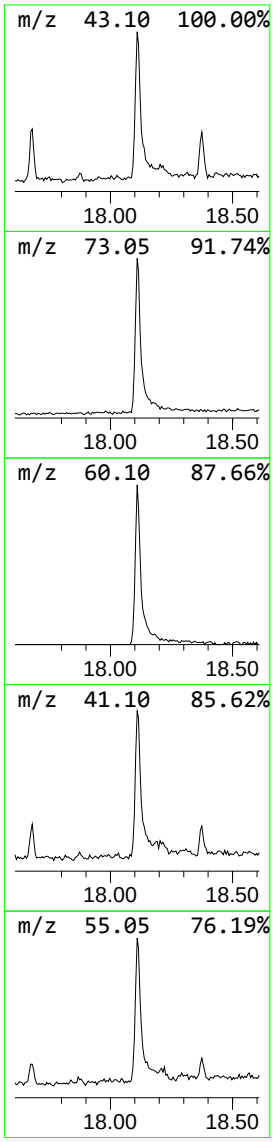
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	8.94 ng	318659	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

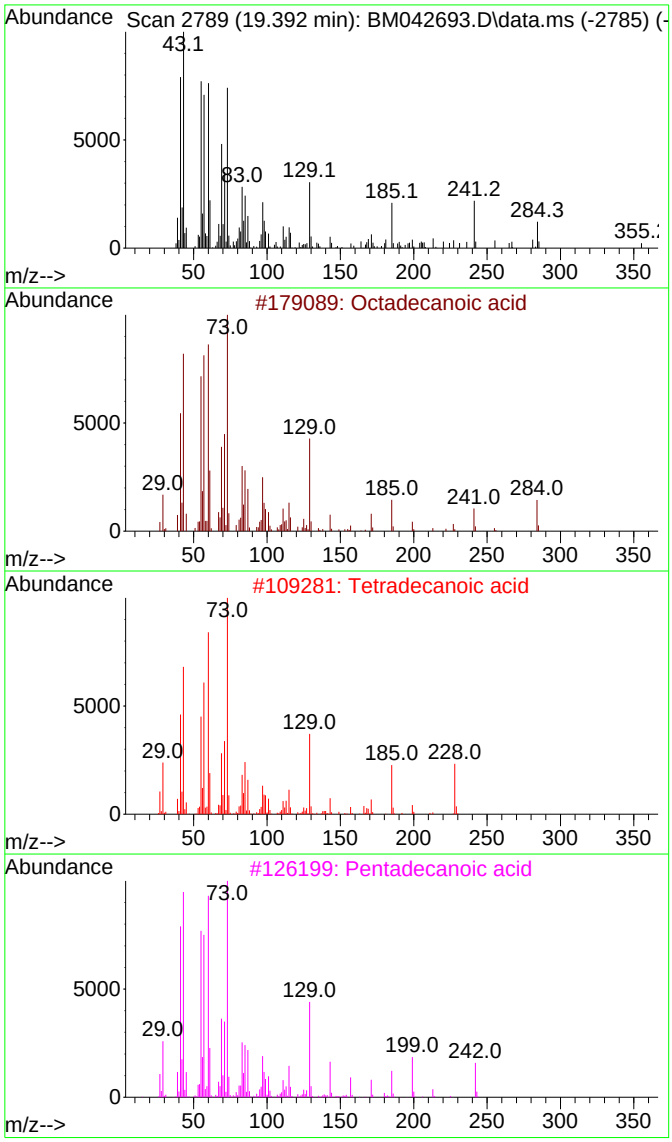
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

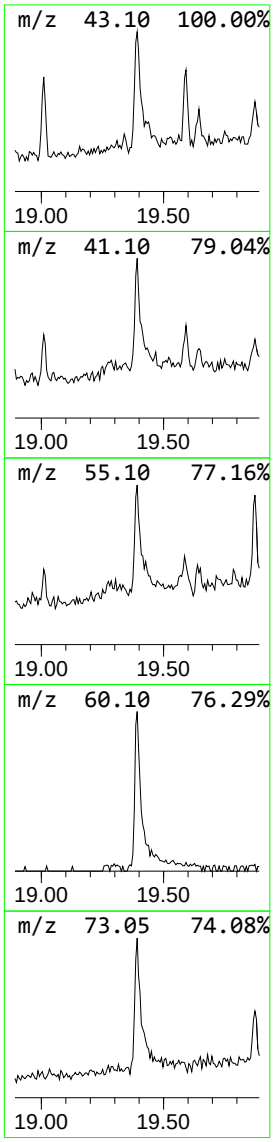
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	3.35 ng	138246	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

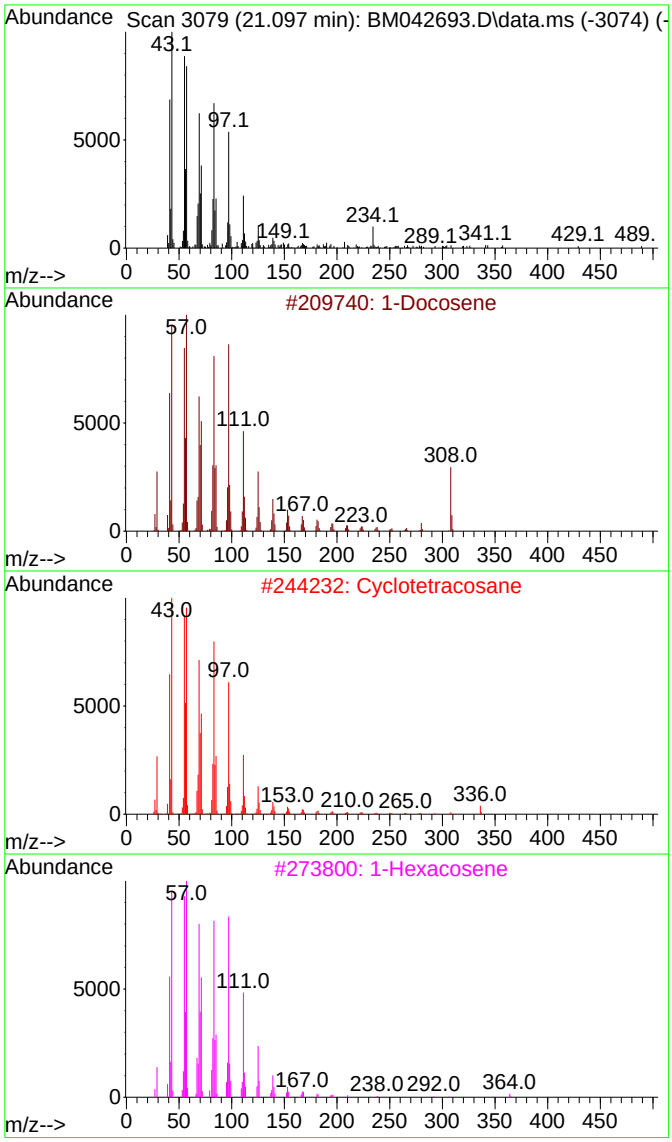
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

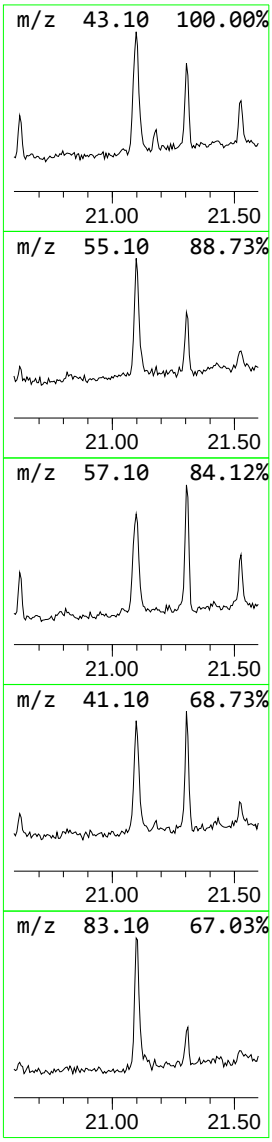
****

Peak Number 4 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.097	7.94 ng	328034	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042693.D
Acq On : 10 Nov 2023 16:09
Operator : MA/JU
Sample : 05279-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecane, 2-m...	16.151	2.4	ng	85175	4	17.256	713205	20.0
n-Hexadecanoic ...	18.109	8.9	ng	318659	4	17.256	713205	20.0
Octadecanoic acid	19.392	3.4	ng	138246	5	21.439	826210	20.0
1-Docosene	21.097	7.9	ng	328034	5	21.439	826210	20.0