LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136145.D
Acq On : 04 Nov 2023 13:57
Operator : CG\JU
Sample : 05095-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F07367

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_F\Methods\8270-BF103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	496	501	509	rVB	41179	55884	1.78%	0.339%
2	5.440	566	570	574	rBV	1135774	1094247	34.84%	6.633%
3	6.440	736	740	744	rBV	782609	673554	21.44%	4.083%
4	6.816	801	804	808	rBV	718720	561574	17.88%	3.404%
5	7.381	895	900	903	rBV	1879457	1683020	53.58%	10.202%
6	7.622	937	941	946	rBV3	27417	43597	1.39%	0.264%
7	7.698	951	954	957	rBV	51489	43332	1.38%	0.263%
8	8.098	1018	1022	1025	rBV	968274	743472	23.67%	4.507%
9	8.528	1092	1095	1100	rVB	45318	38538	1.23%	0.234%
10	8.592	1103	1106	1107	rBV	91420	65233	2.08%	0.395%
11	8.610	1107	1109	1111	rVB	66075	47312	1.51%	0.287%
12	9.181	1202	1206	1209	rVB	3842250	3140956	100.00%	19.040%
13	9.857	1317	1321	1324	rVB	1063841	848826	27.02%	5.145%
14	9.963	1336	1339	1343	rBV3	60841	63314	2.02%	0.384%
15	10.651	1451	1456	1459	rBV	2149232	2061481	65.63%	12.496%
16	11.345	1570	1574	1578	rBV	983064	869700	27.69%	5.272%
17	11.886	1663	1666	1670	rBV	108255	101671	3.24%	0.616%
18	12.680	1797	1801	1808	rBV	48476	66685	2.12%	0.404%
19	12.951	1842	1847	1850	rBV	3374259	3104272	98.83%	18.817%
20	14.004	2022	2026	2031	rBV	615149	532155	16.94%	3.226%
21	15.492	2273	2279	2287	rBV	543324	658114	20.95%	3.989%

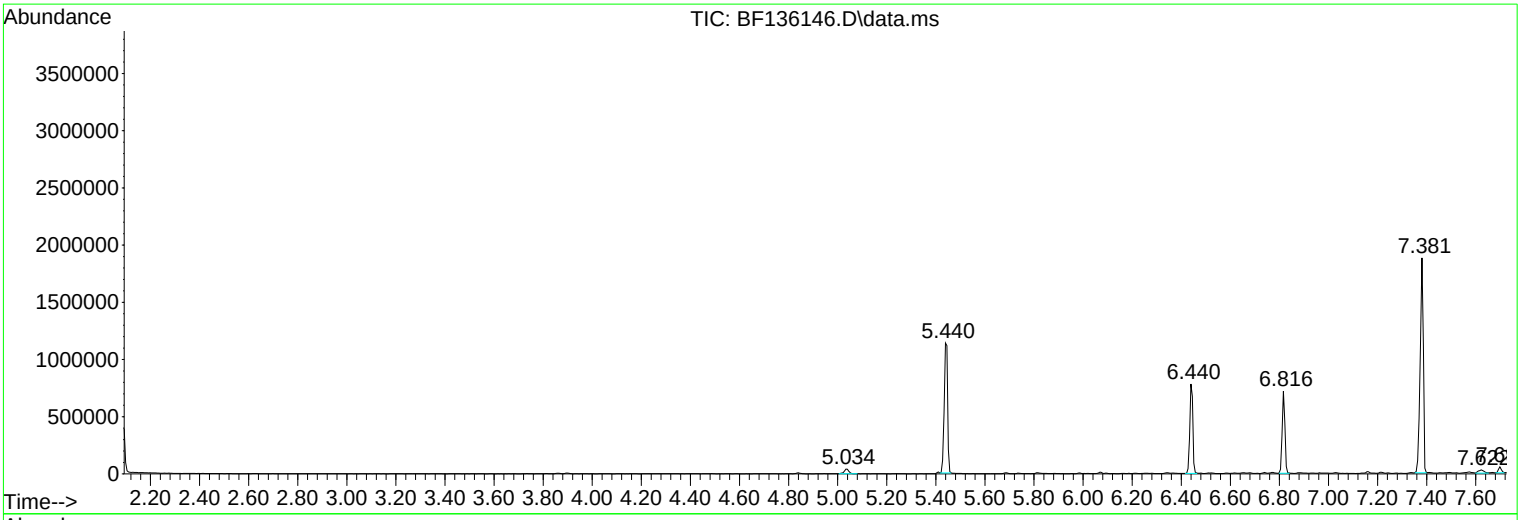
Sum of corrected areas: 16496937

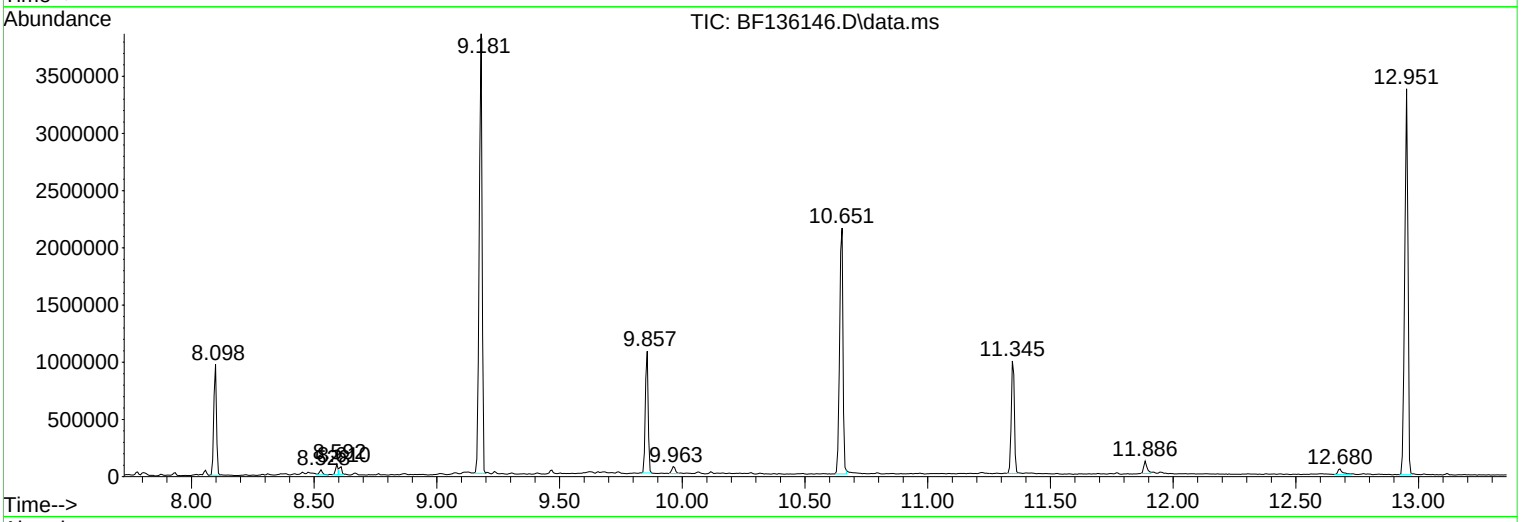
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136145.D
Acq On : 04 Nov 2023 13:57
Operator : CG\JU
Sample : 05095-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

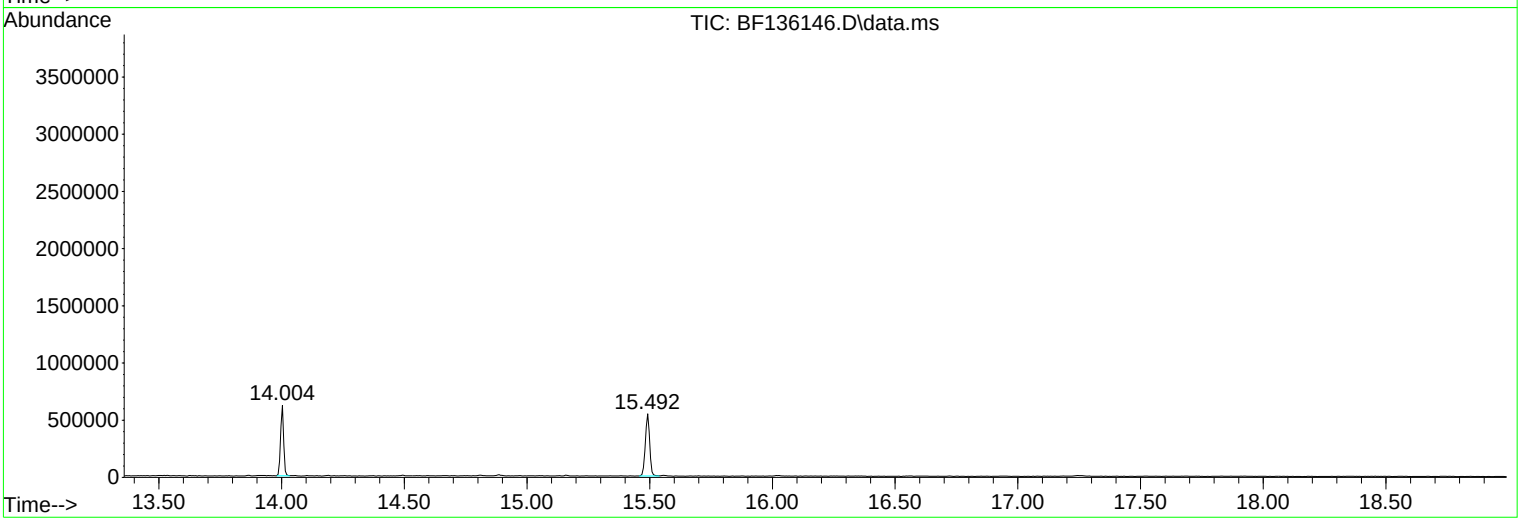
Instrument :
BNA_F
ClientSampleId :
F07367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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_F\Data\BF110423\
Data File : BF136145.D
Acq On : 04 Nov 2023 13:57
Operator : CG\JU
Sample : 05095-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F07367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

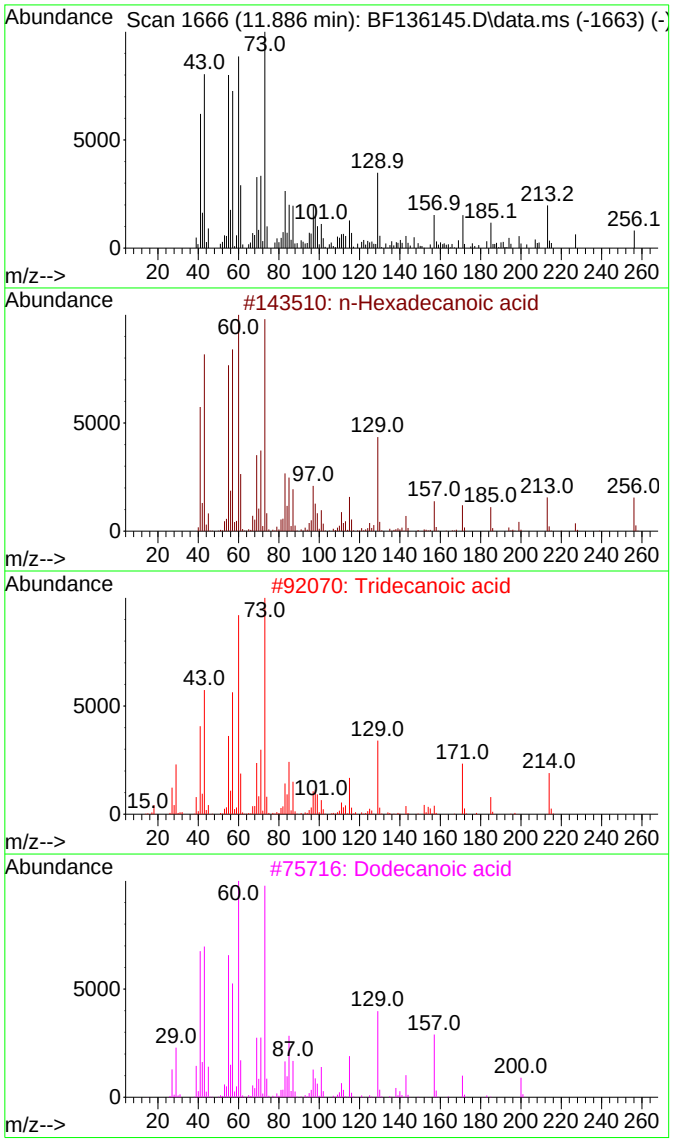
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

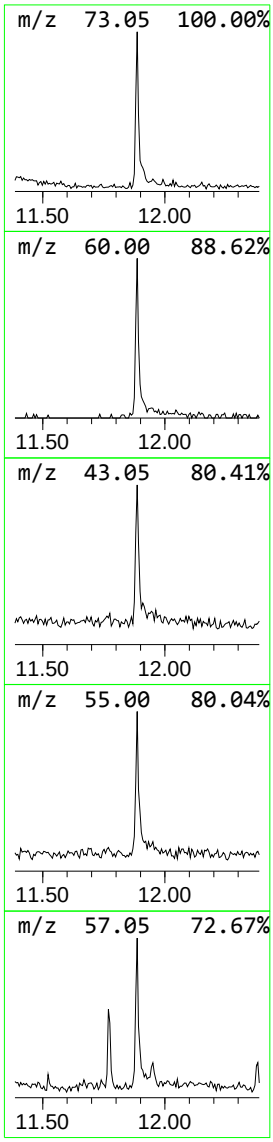
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.34 ng	101671	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136145.D
Acq On : 04 Nov 2023 13:57
Operator : CG\JU
Sample : 05095-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F07367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

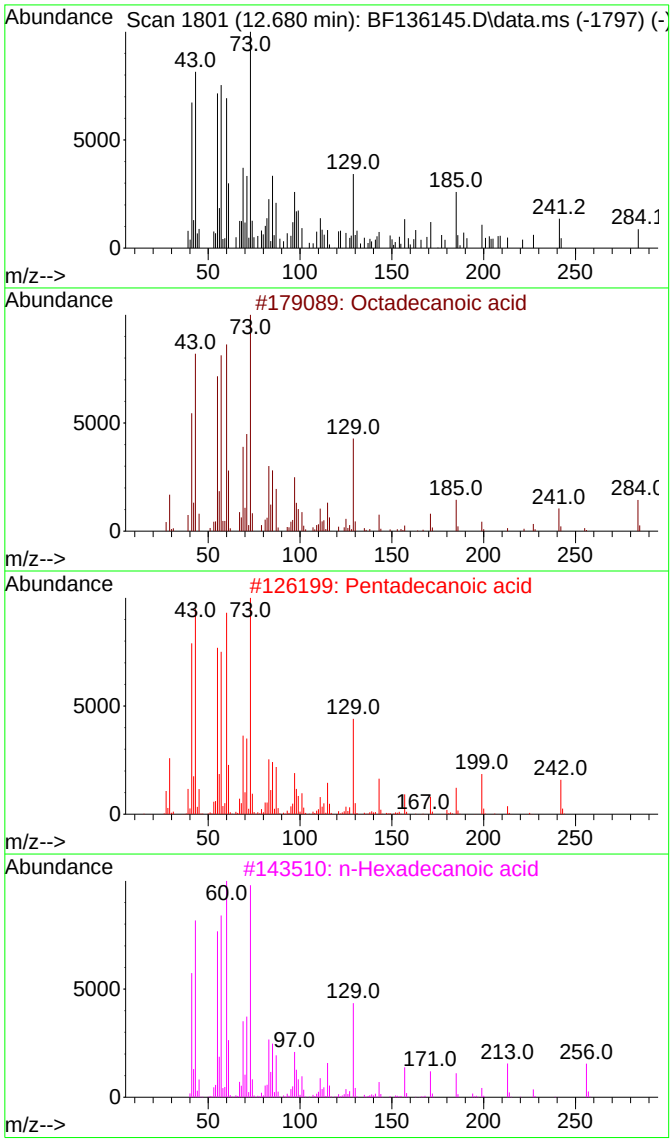
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

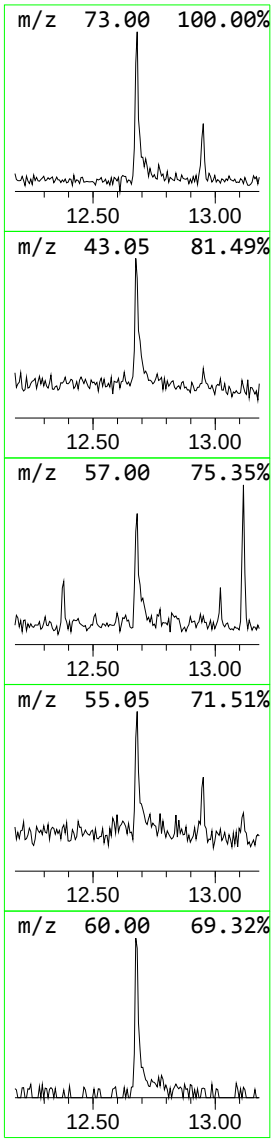
****

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.51 ng	66685	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38
5	Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
Data File : BF136145.D
Acq On : 04 Nov 2023 13:57
Operator : CG\JU
Sample : 05095-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F07367

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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
n-Hexadecanoic ...	11.886	2.3	ng	101671	4	11.345	869700	20.0
Octadecanoic acid	12.680	2.5	ng	66685	5	14.004	532155	20.0