LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-2

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	423	rBV	2005464	2865991	44.93%	8.673%
2	7.075	670	678	692	rBV	1863693	2973685	46.61%	8.999%
3	7.904	812	819	826	rBV	388099	603309	9.46%	1.826%
4	9.063	1008	1016	1027	rBV	1163025	1917212	30.05%	5.802%
5	10.704	1288	1295	1303	rBV	473444	800865	12.55%	2.424%
6	13.169	1707	1714	1728	rBV	2905997	4191755	65.71%	12.685%
7	14.539	1941	1947	1960	rBV	698884	1073332	16.83%	3.248%
8	15.362	2078	2087	2091	rBV	127345	214581	3.36%	0.649%
9	15.915	2175	2181	2193	rVB	55653	96249	1.51%	0.291%
10	16.027	2194	2200	2217	rVB	2428115	3502855	54.91%	10.601%
11	17.286	2408	2414	2419	rBV	900740	1257174	19.71%	3.805%
12	18.192	2562	2568	2576	rBV	587248	924686	14.50%	2.798%
13	18.256	2576	2579	2591	rVB	96614	171768	2.69%	0.520%
14	19.345	2756	2764	2773	rBV	150568	281350	4.41%	0.851%
15	19.468	2780	2785	2803	rBV	1276211	1887027	29.58%	5.711%
16	19.703	2822	2825	2836	rVB	93932	154307	2.42%	0.467%
17	19.909	2855	2860	2866	rBV	5383473	6379267	100.00%	19.306%
18	20.556	2966	2970	2975	rBV5	59276	98390	1.54%	0.298%
19	21.186	3074	3077	3085	rBV2	246847	351828	5.52%	1.065%
20	21.386	3109	3111	3116	rBV	80009	86275	1.35%	0.261%
21	21.468	3120	3125	3129	rBV	1290382	1646499	25.81%	4.983%
22	23.856	3525	3531	3538	rVB2	817849	1565346	24.54%	4.737%

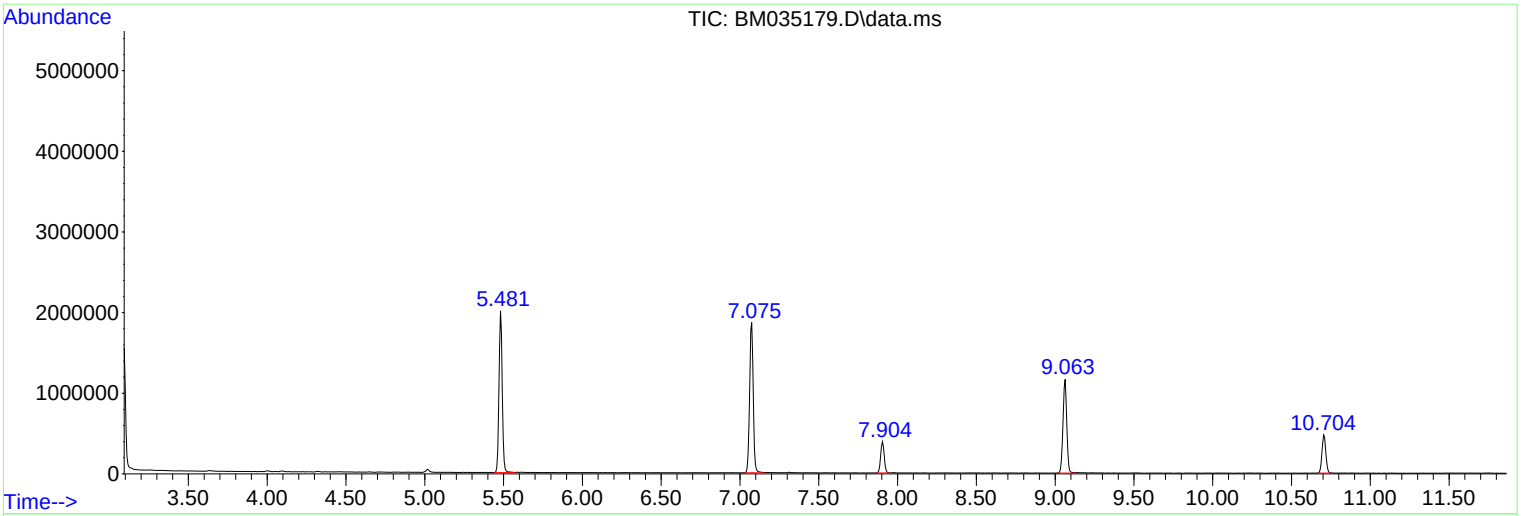
Sum of corrected areas: 33043751

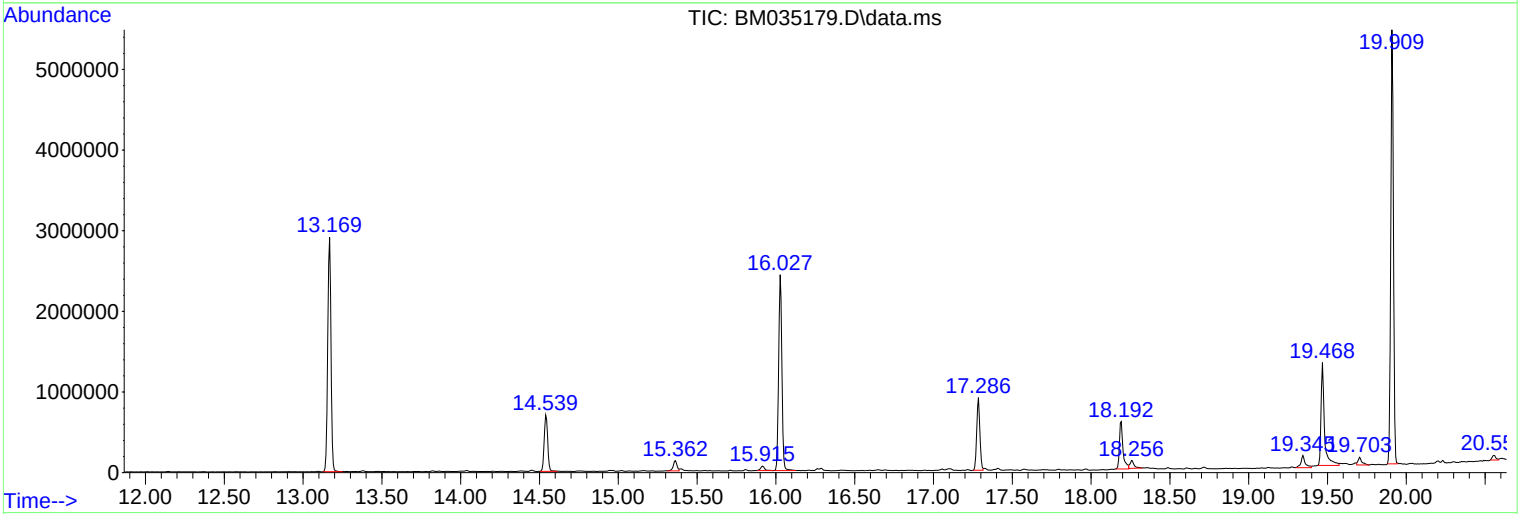
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

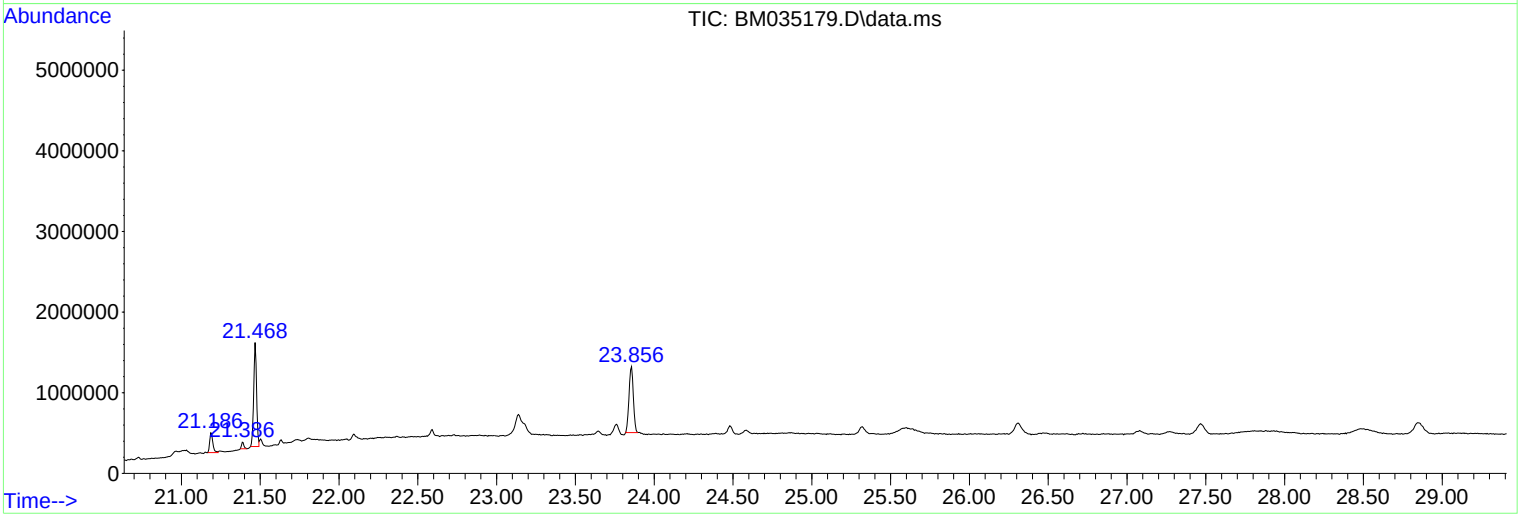
Instrument :
BNA_M
ClientSampleId :
UST-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

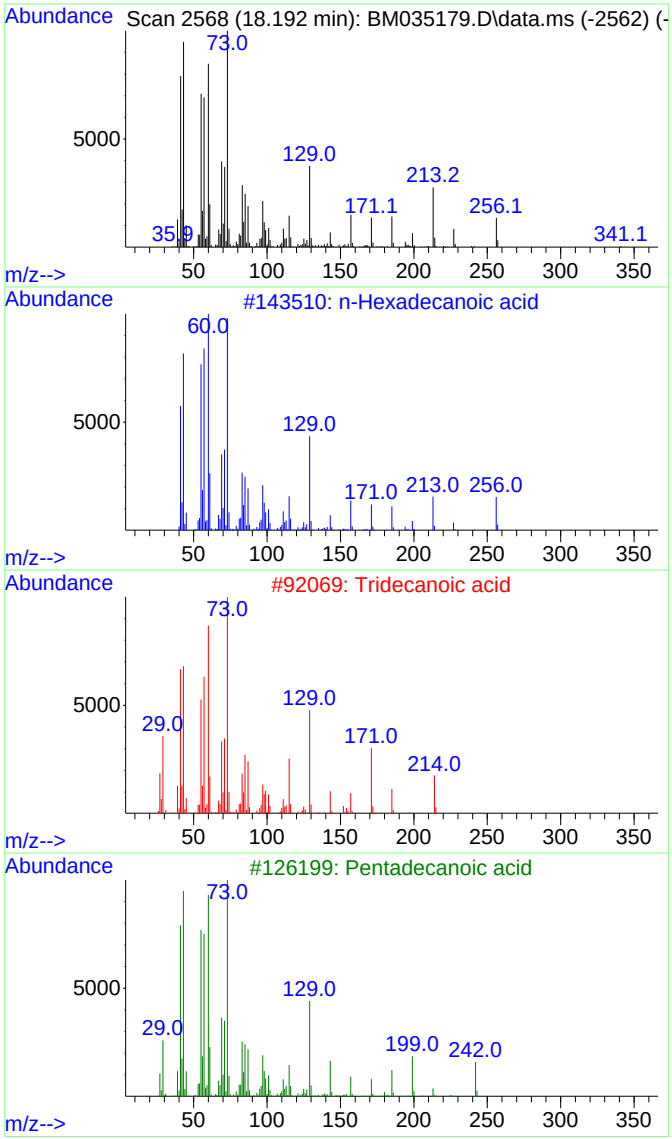
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

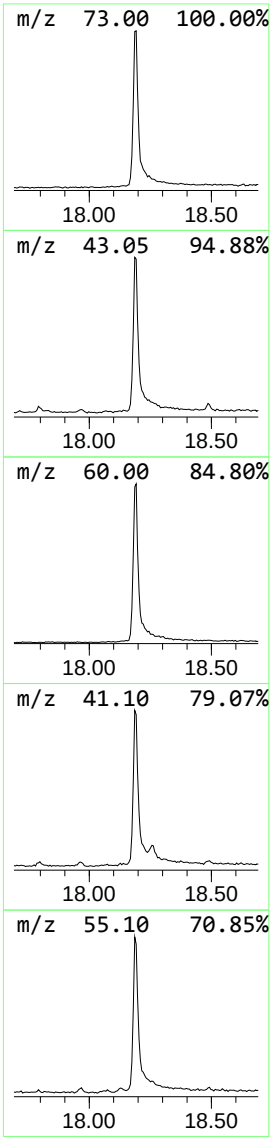
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	14.71 ng	924686	Phenanthrene-d10	17.286

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

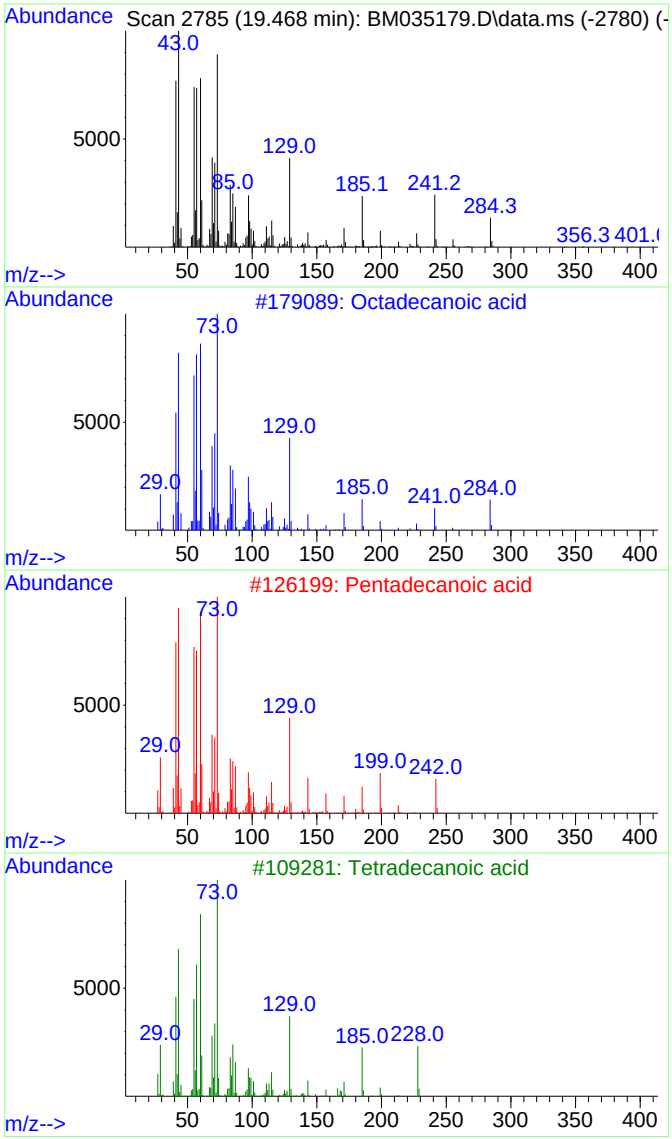
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

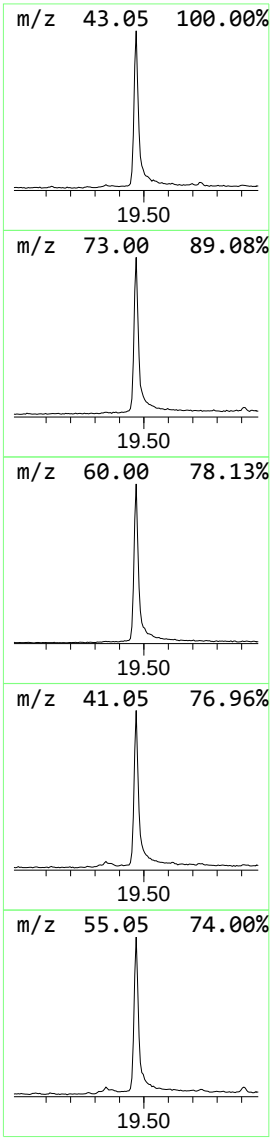
****

Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	22.92 ng	1887030	Chrysene-d12	21.468

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

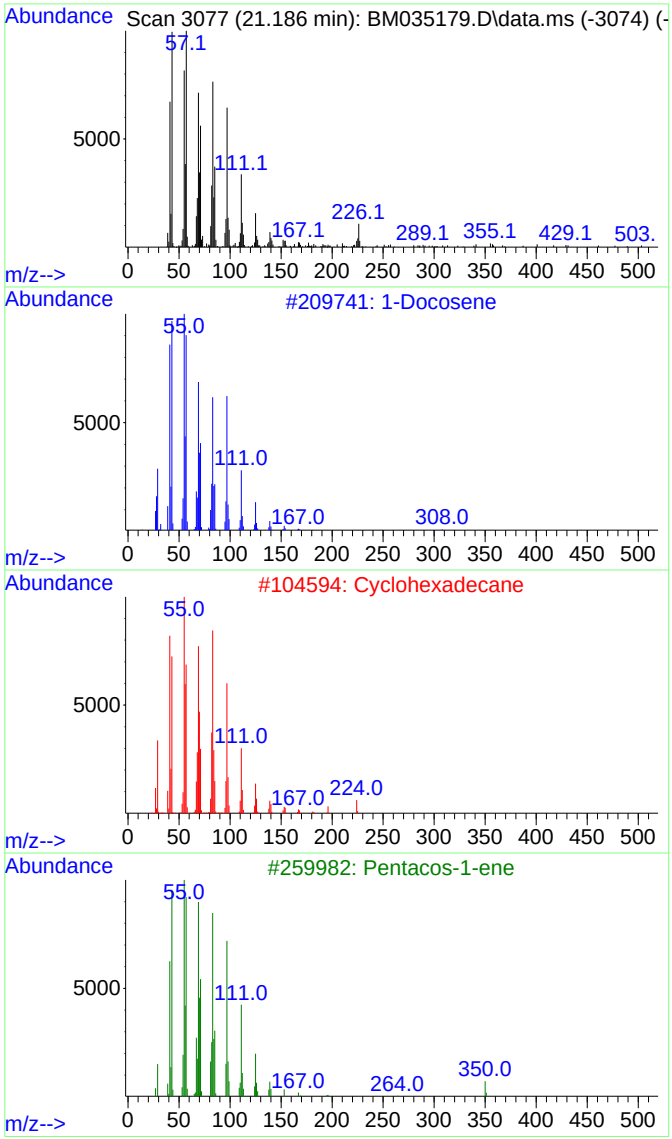
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

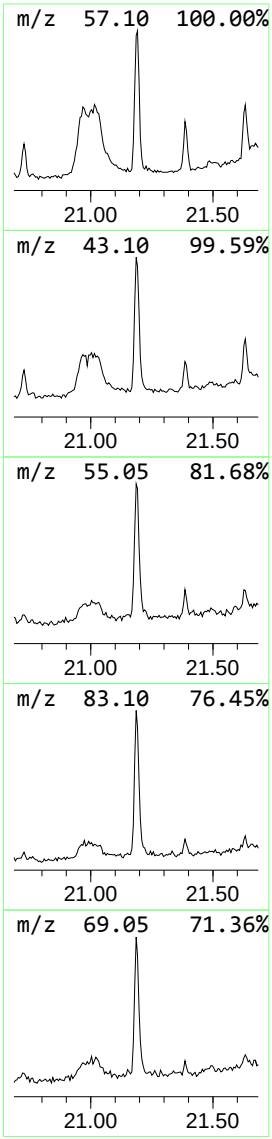
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	4.27 ng	351828	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035179.D
Acq On : 20 May 2022 16:45
Operator : CG/JU
Sample : N2916-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
UST-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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 ...	18.192	14.7	ng	924686	4	17.286	1257170	20.0
Octadecanoic acid	19.468	22.9	ng	1887030	5	21.468	1646500	20.0
1-Docosene	21.186	4.3	ng	351828	5	21.468	1646500	20.0