LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-2-D

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-BM060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	393	400	417	rBV	2095098	3244855	43.47%	8.418%
2	7.034	663	671	688	rBV	1875099	3183336	42.65%	8.258%
3	7.845	802	809	820	rBV	599513	988944	13.25%	2.565%
4	9.010	997	1007	1022	rBV	1237018	2114430	28.33%	5.485%
5	10.645	1277	1285	1299	rBV	745078	1332523	17.85%	3.457%
6	13.115	1696	1705	1719	rBV	3470653	5282047	70.76%	13.703%
7	14.486	1932	1938	1953	rBV	1193636	1818208	24.36%	4.717%
8	15.980	2185	2192	2212	rBV	2805329	4158779	55.72%	10.789%
9	17.233	2399	2405	2417	rBV	1445447	2129505	28.53%	5.524%
10	18.139	2554	2559	2568	rBV	312173	504696	6.76%	1.309%
11	19.415	2772	2776	2786	rBV	169093	282935	3.79%	0.734%
12	19.862	2846	2852	2860	rBV	6100885	7464286	100.00%	19.364%
13	21.133	3065	3068	3076	rBV	448795	547005	7.33%	1.419%
14	21.421	3112	3117	3127	rBV	2057427	2709321	36.30%	7.028%
15	23.780	3512	3518	3526	rVB2	1405177	2787057	37.34%	7.230%

Sum of corrected areas: 38547927

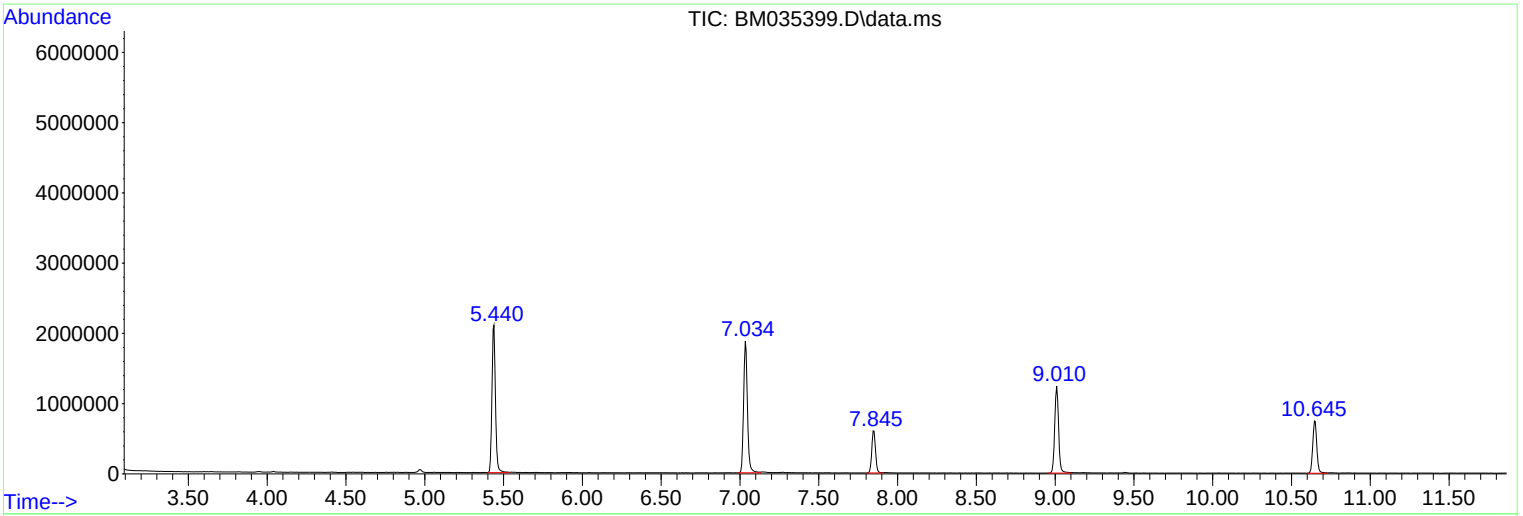
LSC Report - Integrated Chromatogram

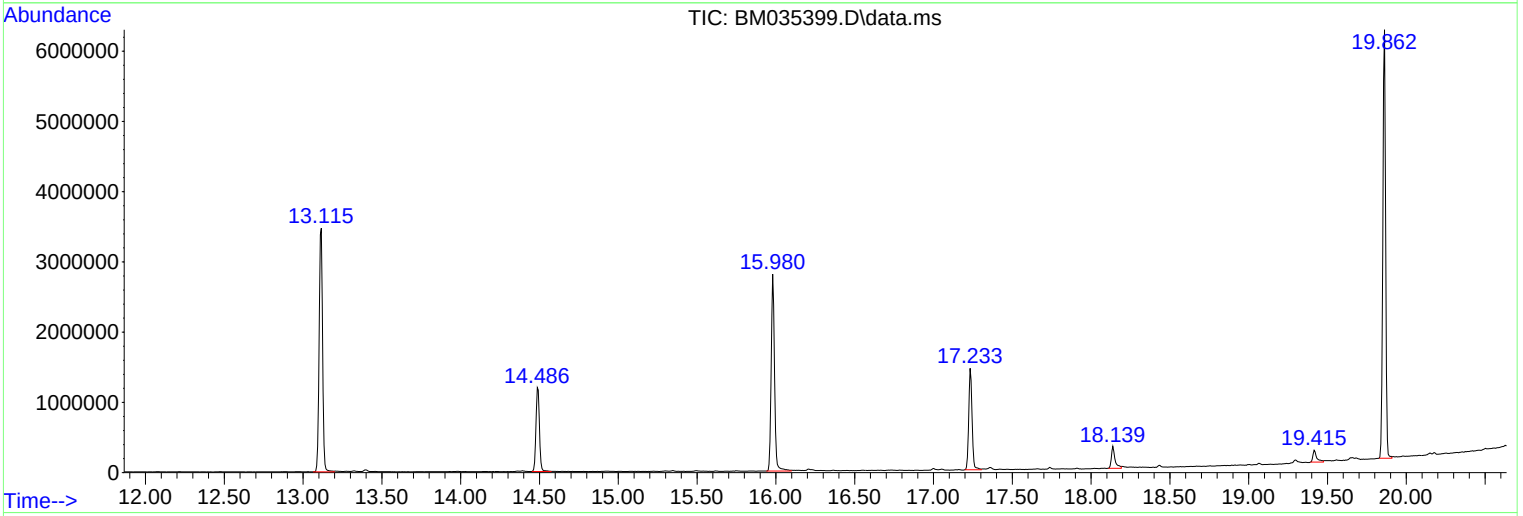
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

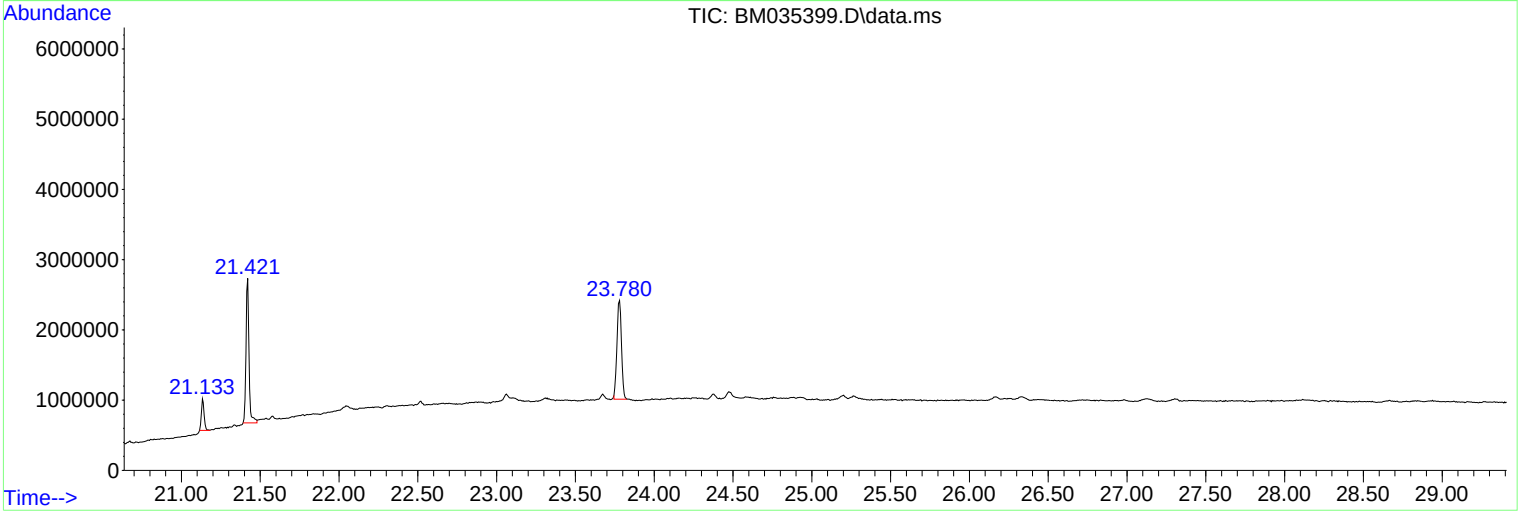
Instrument :
BNA_M
ClientSampleId :
PR-2-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-2-D

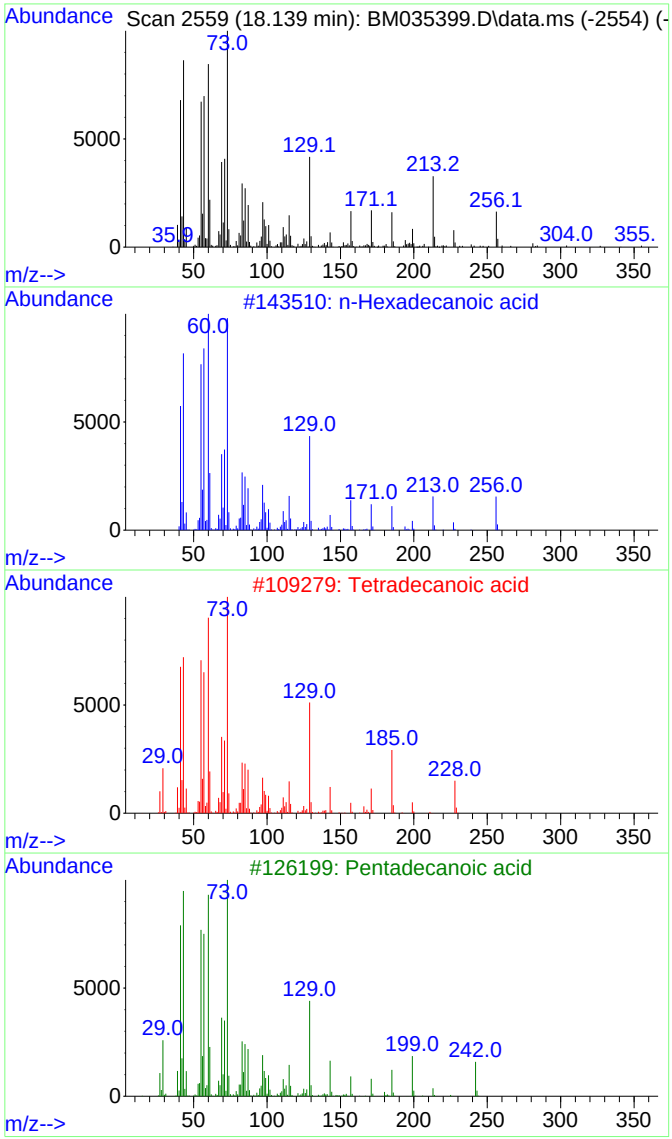
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

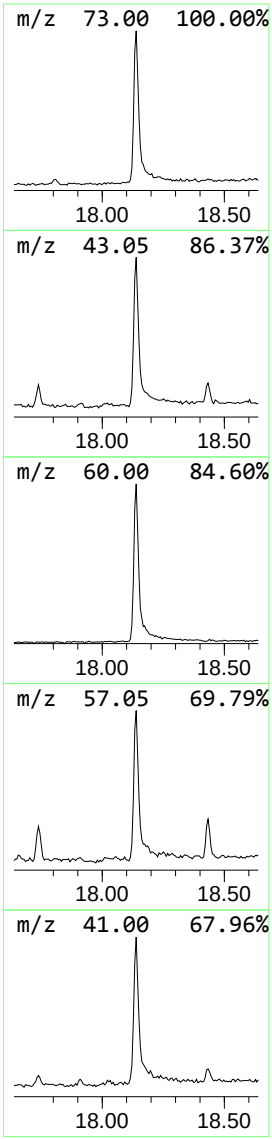
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	4.74 ng	504696	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-2-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

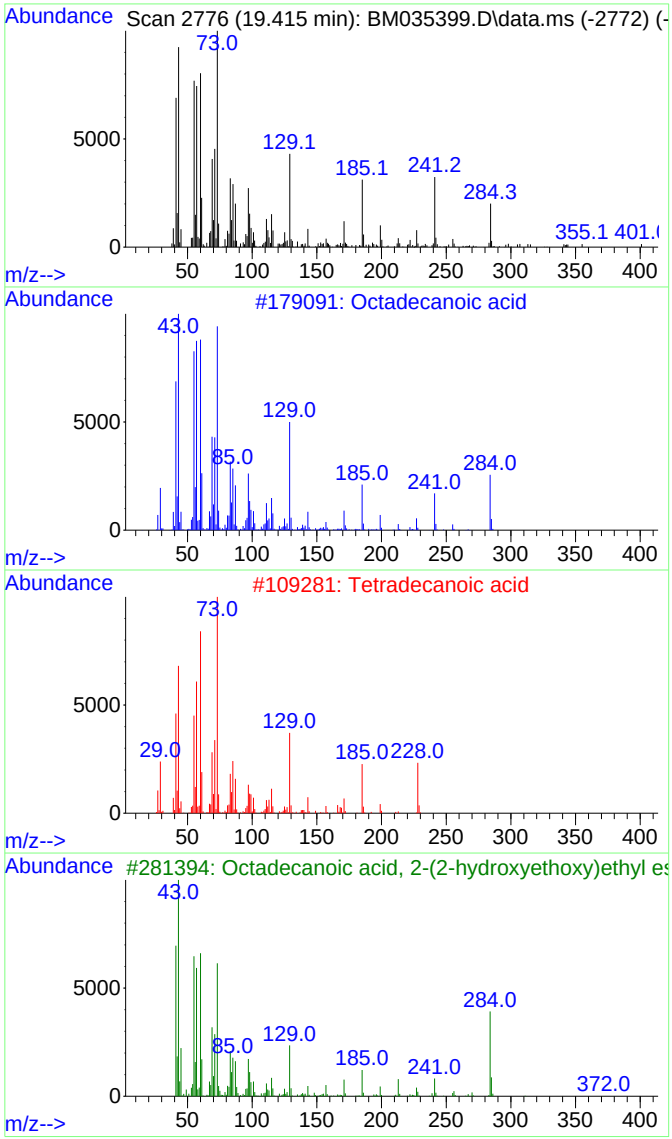
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

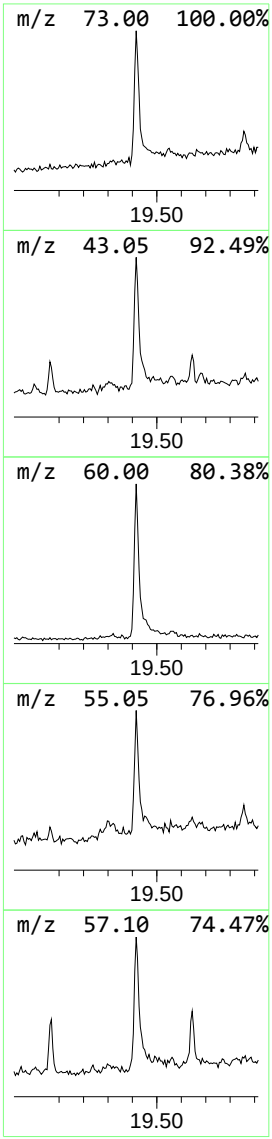
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	2.09 ng	282935	Chrysene-d12	21.421

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	74
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-2-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

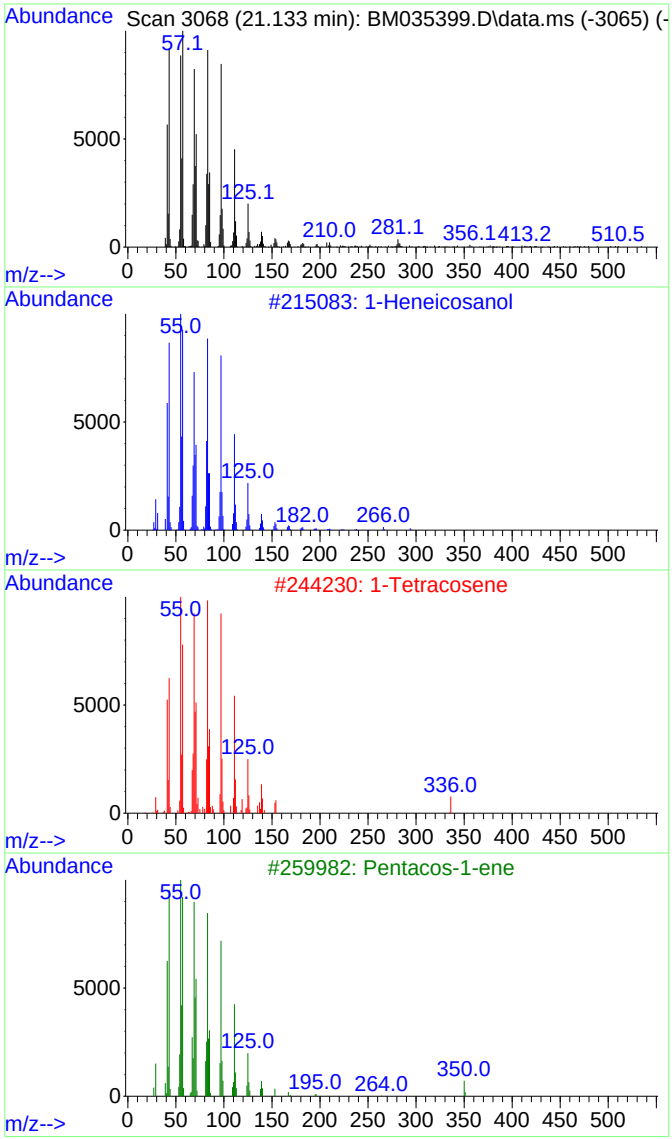
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

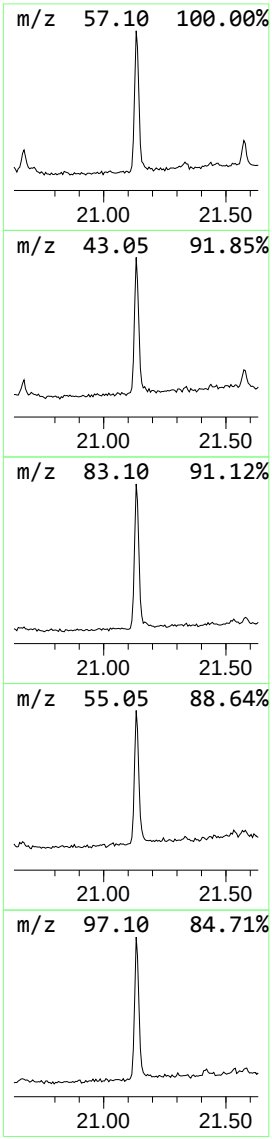
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	4.04 ng	547005	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035399.D
Acq On : 03 Jun 2022 17:33
Operator : CG/JU
Sample : N3069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR-2-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.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 ...	18.139	4.7	ng	504696	4	17.233	2129510	20.0
Octadecanoic acid	19.415	2.1	ng	282935	5	21.421	2709320	20.0
1-Heneicosanol	21.133	4.0	ng	547005	5	21.421	2709320	20.0