LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ_BH_03_4-6

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-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	299	306	314	rBB	9095	12996	1.54%	0.243%
2	5.469	382	388	399	rVB	377634	535760	63.30%	10.015%
3	7.105	659	666	676	rBV	356663	547603	64.70%	10.236%
4	7.928	800	806	812	rBB	106987	163860	19.36%	3.063%
5	9.099	997	1005	1016	rBV	211391	348518	41.18%	6.515%
6	10.740	1277	1284	1292	rVB	135010	220713	26.08%	4.126%
7	13.198	1696	1702	1709	rBV	486513	701603	82.89%	13.115%
8	14.034	1839	1844	1849	rBV	9909	12250	1.45%	0.229%
9	14.434	1902	1912	1915	rBV3	5820	13956	1.65%	0.261%
10	14.581	1931	1937	1944	rVB2	181683	258774	30.57%	4.837%
11	16.063	2184	2189	2198	rBV	348833	487223	57.57%	9.107%
12	17.316	2396	2402	2409	rBV	196614	272134	32.15%	5.087%
13	18.192	2546	2551	2559	rBV	75502	101038	11.94%	1.889%
14	19.463	2762	2767	2775	rBV	31355	44971	5.31%	0.841%
15	19.916	2839	2844	2849	rBV	721023	846383	100.00%	15.821%
16	21.163	3052	3056	3062	rBV	116453	152693	18.04%	2.854%
17	21.457	3102	3106	3114	rBV	238545	303166	35.82%	5.667%
18	23.715	3484	3490	3500	rVB2	170774	326183	38.54%	6.097%

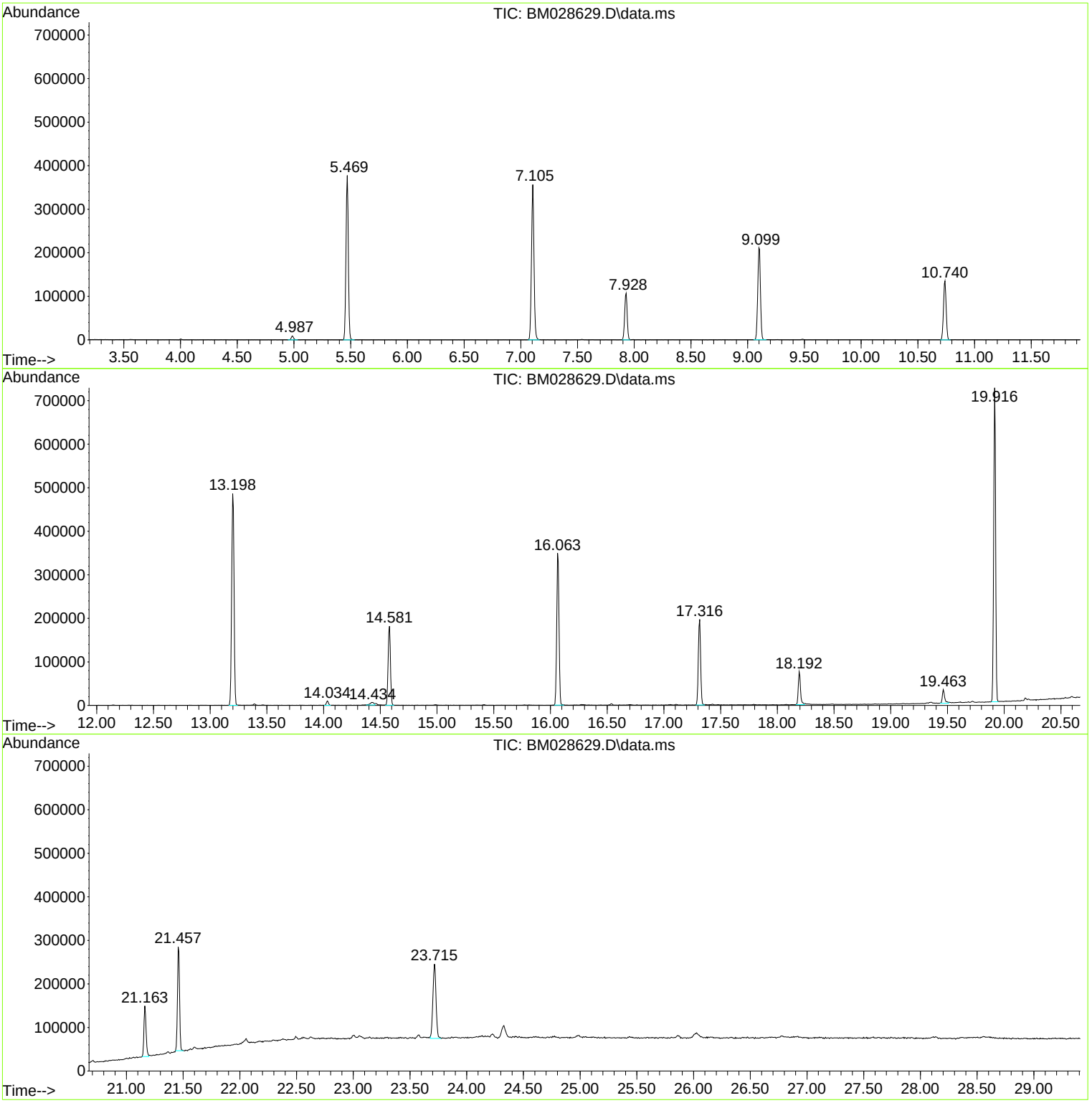
Sum of corrected areas: 5349824

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_4-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_4-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

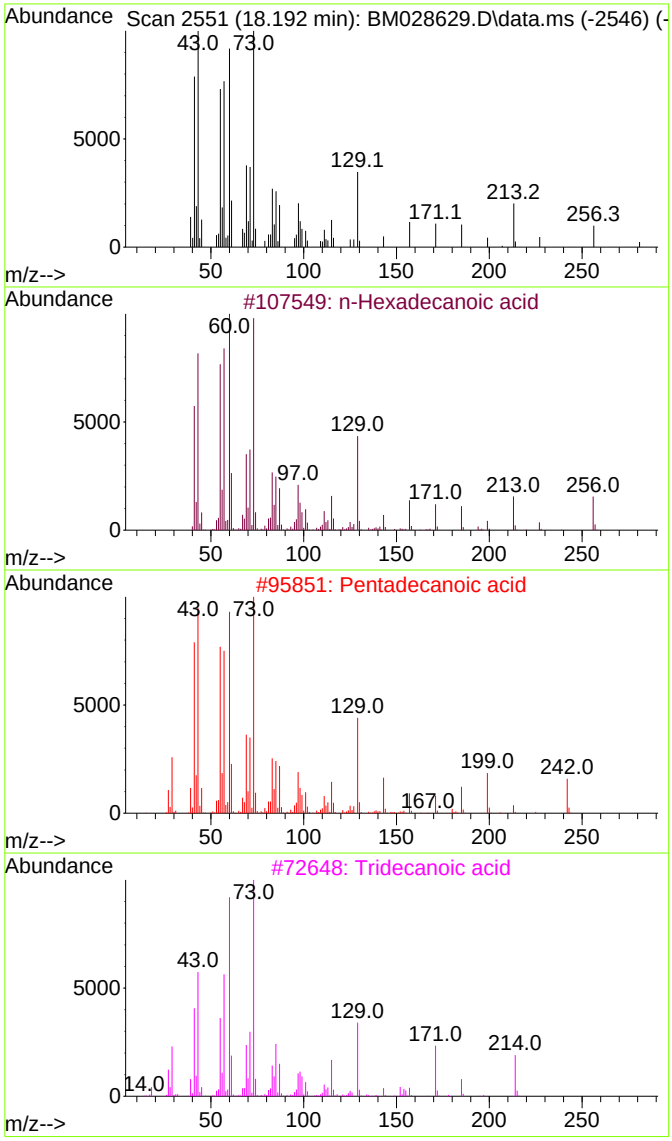
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

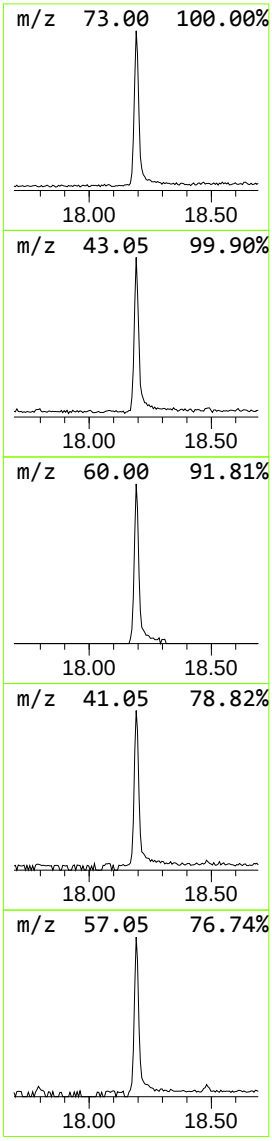
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	7.43 ng	101038	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_4-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

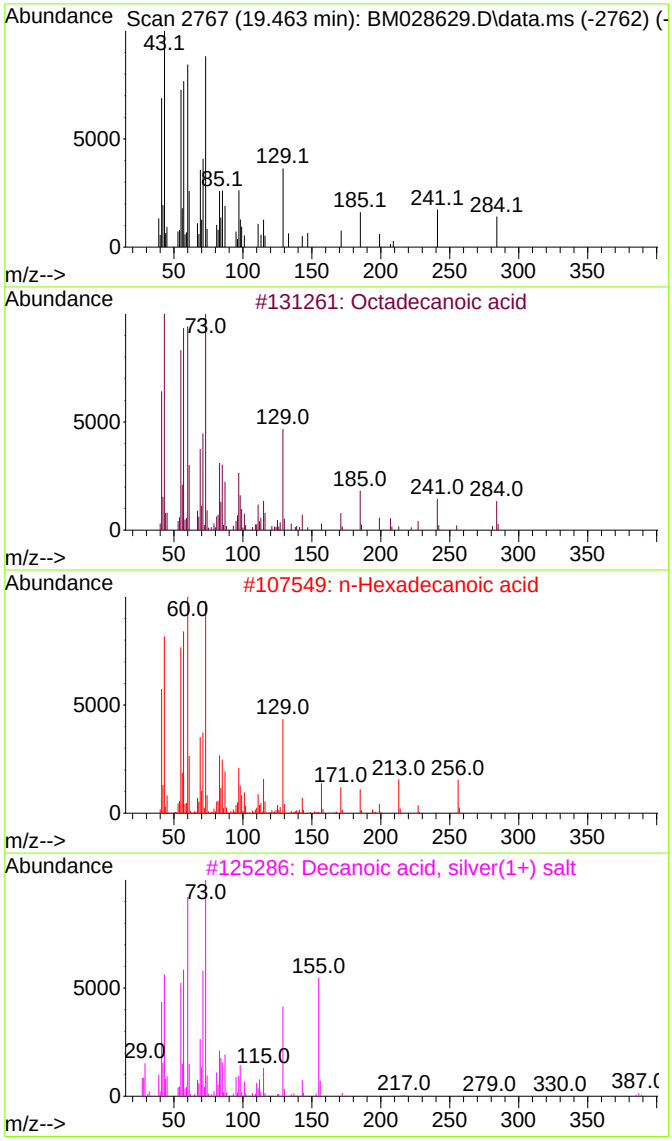
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

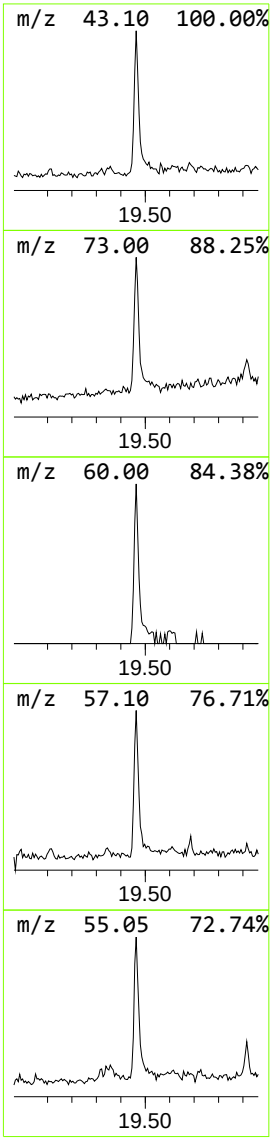
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.97 ng	44971	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ_BH_03_4-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

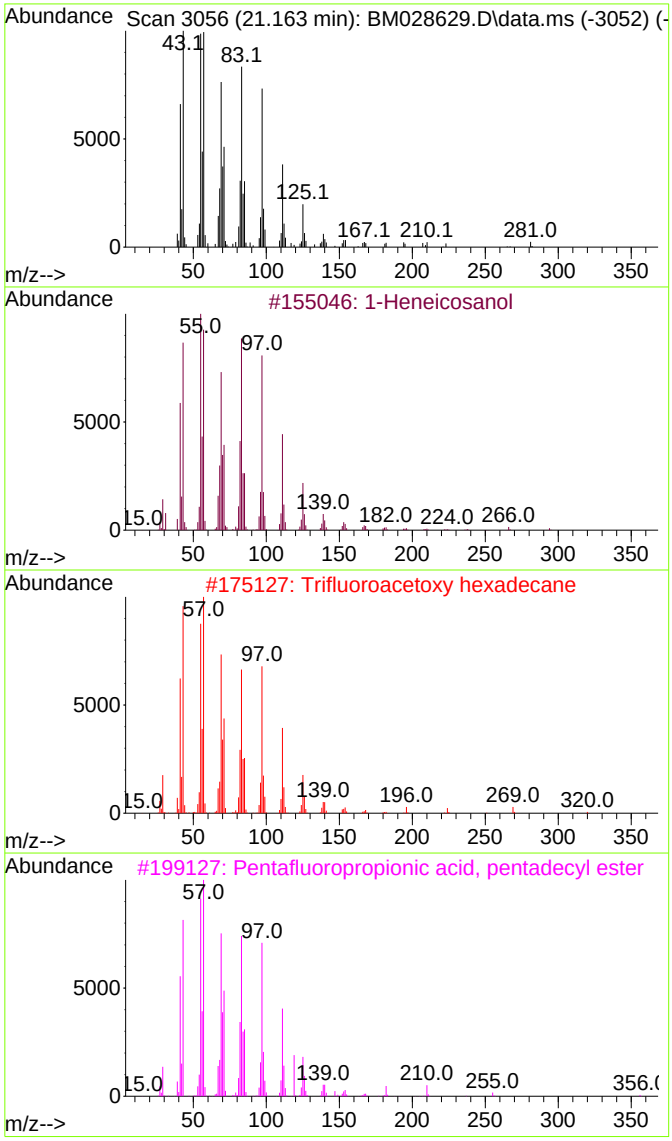
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

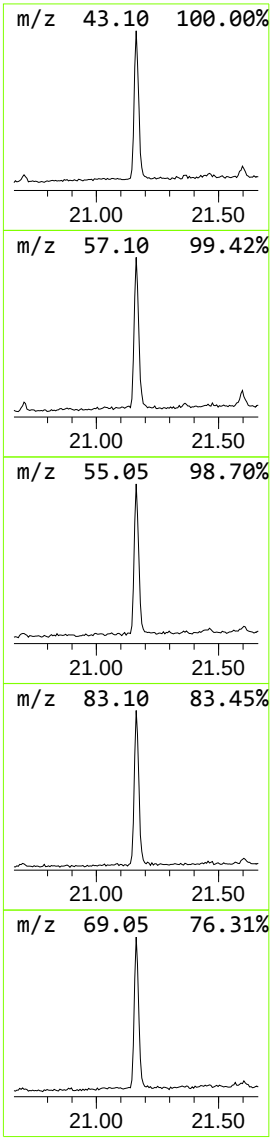
****

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	10.07 ng	152693	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028629.D
Acq On : 02 Feb 2021 19:11
Operator : CG/JU
Sample : M1286-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ_BH_03_4-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.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
n-Hexadecanoic ...	18.192	7.4	ng	101038	4	17.316	272134	20.0
Octadecanoic acid	19.463	3.0	ng	44971	5	21.457	303166	20.0
1-Heneicosanol	21.163	10.1	ng	152693	5	21.457	303166	20.0