LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

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-BM031119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	376	382	399	rBV	3746920	5470043	45.53%	7.638%
2	6.816	644	651	672	rBV	3963201	6443898	53.63%	8.998%
3	7.169	704	711	734	rVB	4161406	6373173	53.05%	8.899%
4	7.634	784	790	797	rBV	665554	1035911	8.62%	1.446%
5	7.952	836	844	858	rBV	2627825	4173768	34.74%	5.828%
6	8.804	981	989	1004	rBV	2144215	3640754	30.30%	5.084%
7	10.416	1256	1263	1283	rBV	829223	1517821	12.63%	2.119%
8	12.904	1679	1686	1702	rBV	5659009	8075759	67.22%	11.276%
9	13.757	1824	1831	1841	rBV	325074	516175	4.30%	0.721%
10	14.292	1915	1922	1935	rBV2	1500269	2297325	19.12%	3.208%
11	15.792	2170	2177	2190	rBV	5713899	7831905	65.19%	10.936%
12	17.045	2384	2390	2406	rBV2	1933877	2815136	23.43%	3.931%
13	17.939	2536	2542	2559	rBV	562636	957074	7.97%	1.336%
14	19.110	2738	2741	2752	rVB3	111956	202452	1.69%	0.283%
15	19.227	2756	2761	2775	rBV	178865	351889	2.93%	0.491%
16	19.686	2833	2839	2849	rBV	9989867	12014433	100.00%	16.776%
17	20.951	3049	3054	3066	rBV	1140926	1678462	13.97%	2.344%
18	21.245	3099	3104	3117	rBV	2054737	2861172	23.81%	3.995%
19	21.839	3202	3205	3215	rVB2	191956	321911	2.68%	0.449%
20	22.768	3360	3363	3367	rVB	153287	188437	1.57%	0.263%
21	22.827	3369	3373	3383	rVB5	171961	326842	2.72%	0.456%
22	23.474	3477	3483	3496	rVB	1143438	2243385	18.67%	3.132%
23	23.968	3563	3567	3574	rVB2	162265	280075	2.33%	0.391%

Sum of corrected areas: 71617800

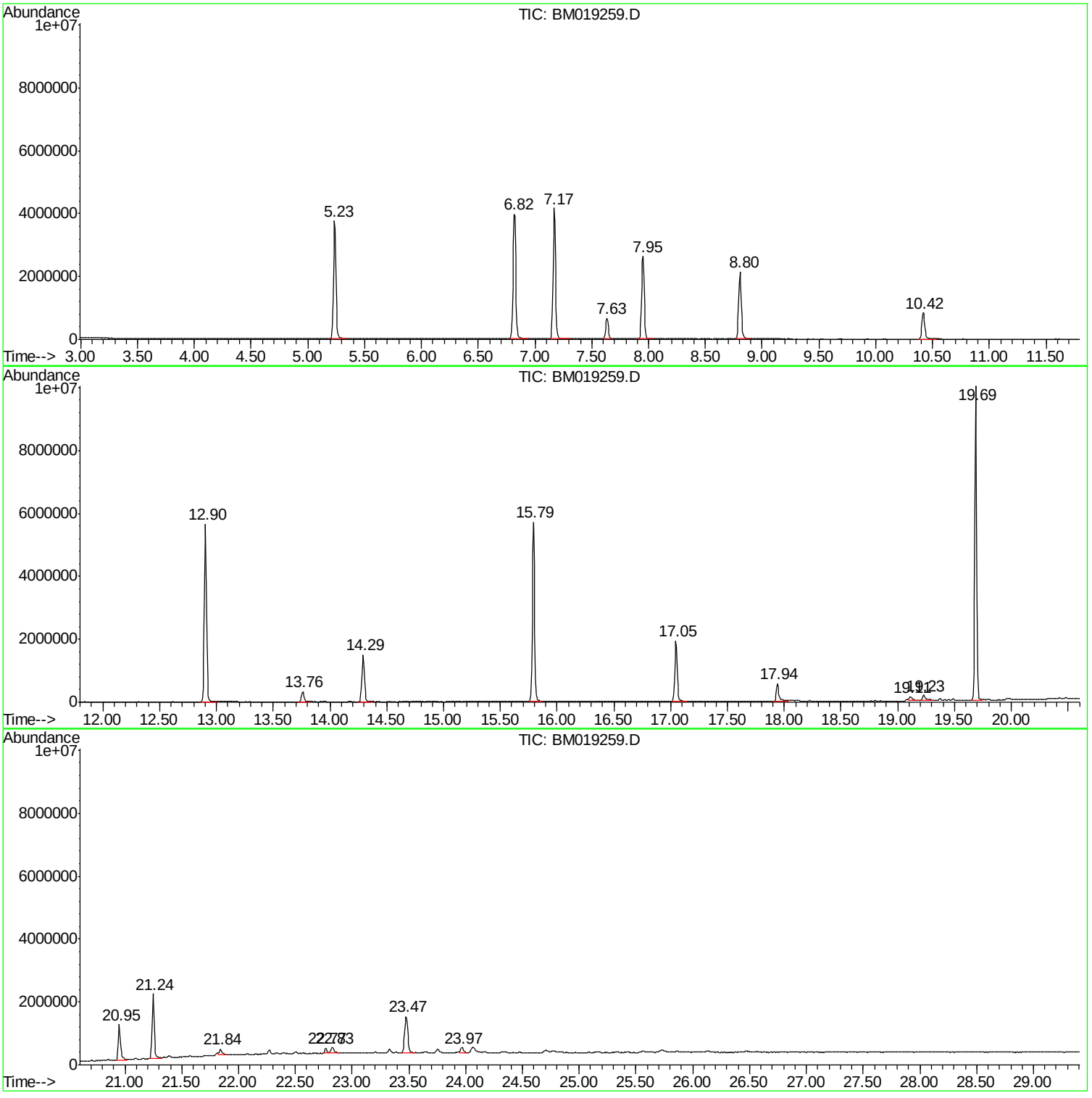
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

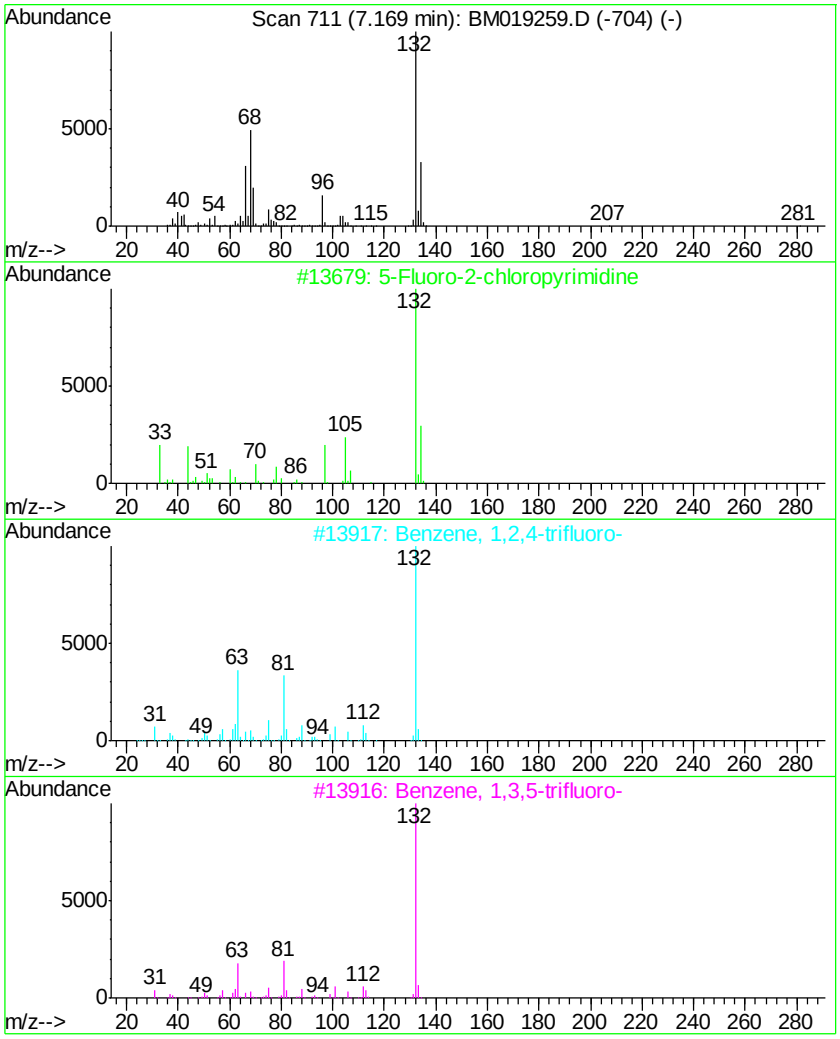
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

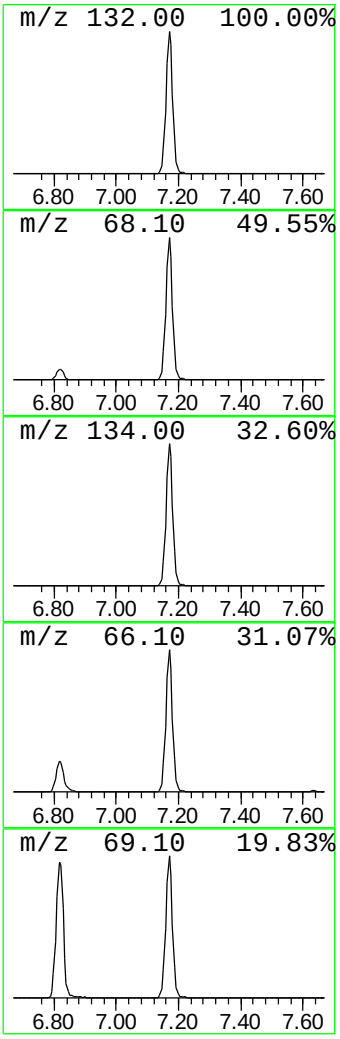
****

Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	123.05 ng	6373170	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

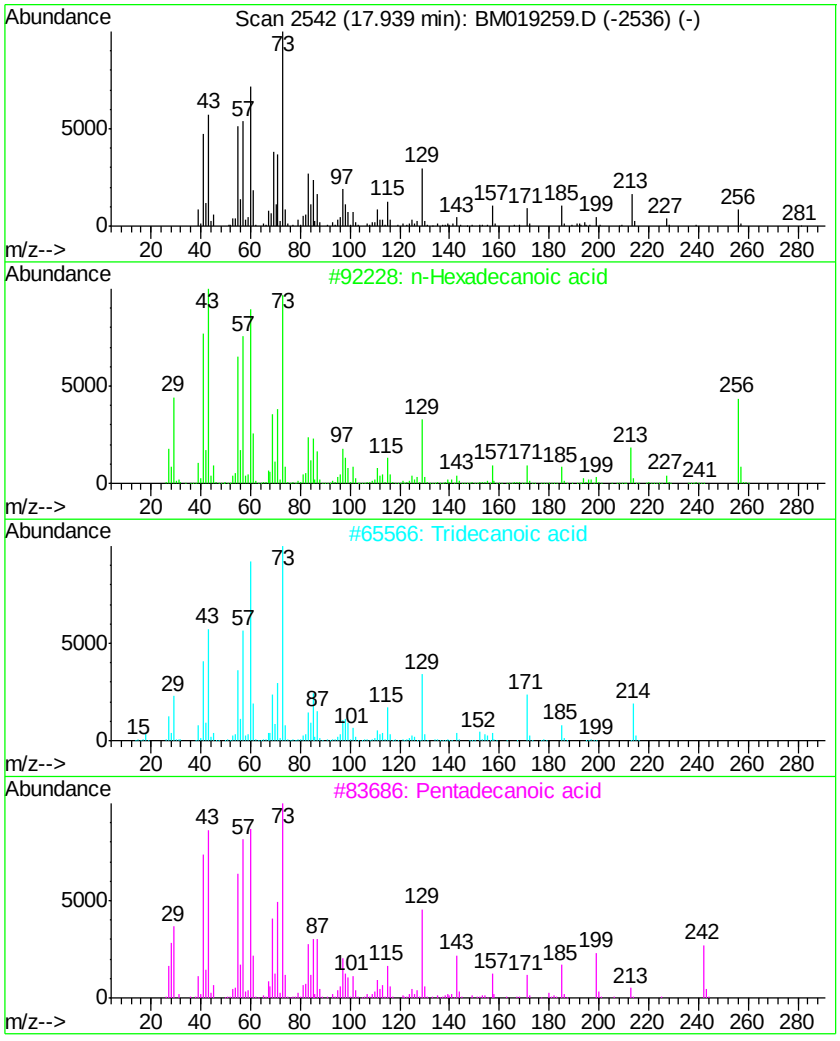
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

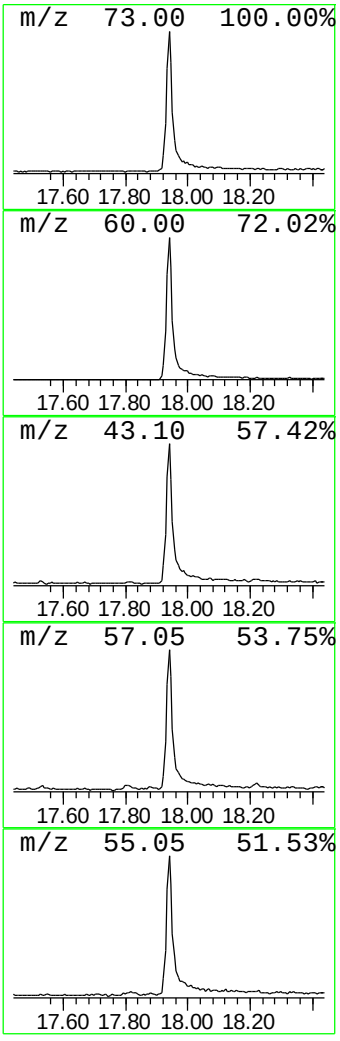
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.80 ng	957074	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

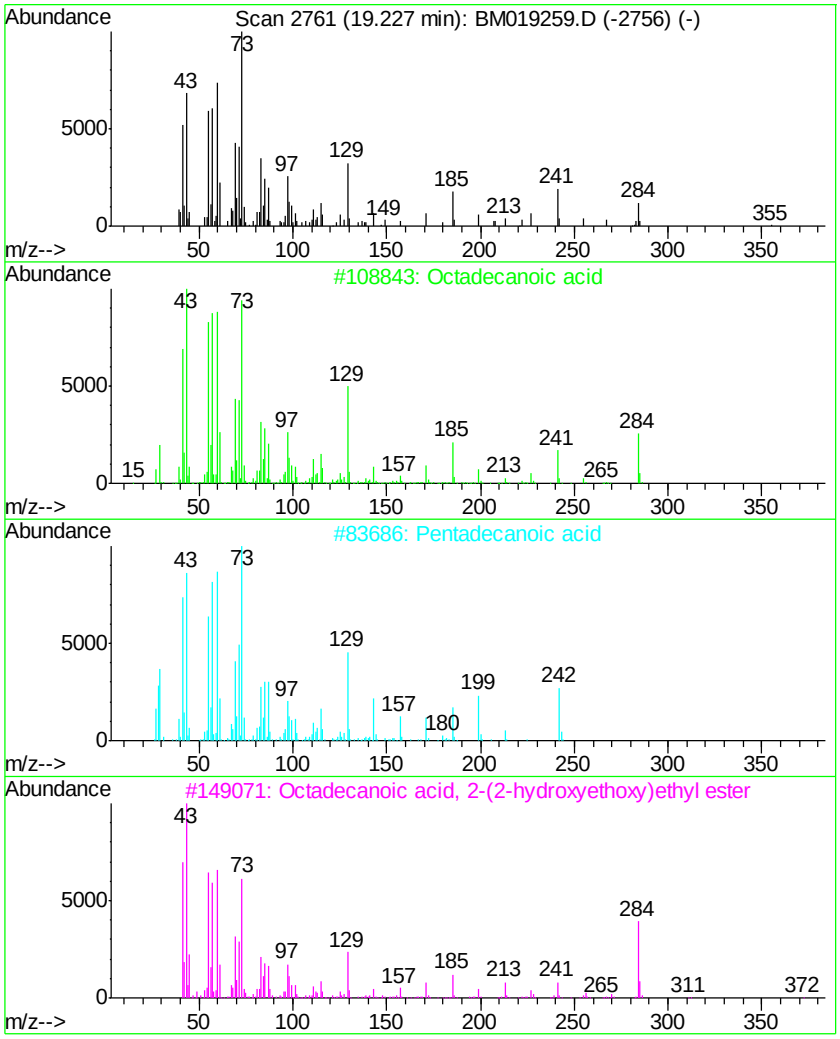
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

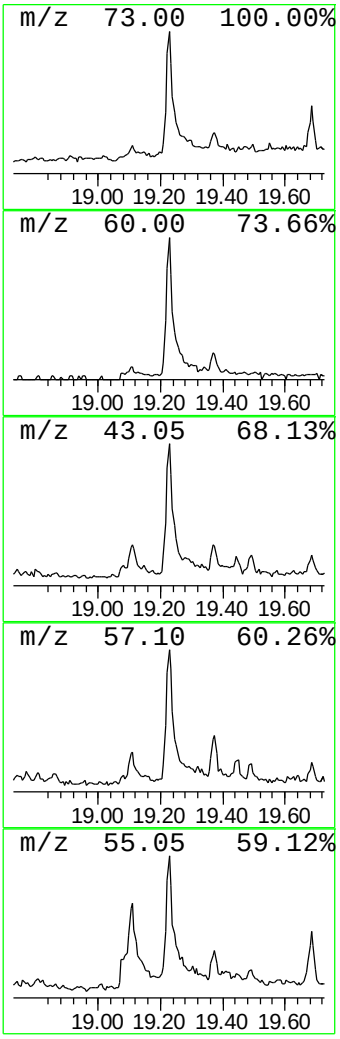
****

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.46 ng	351889	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Eicosane	282	C20H42	000112-95-8	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

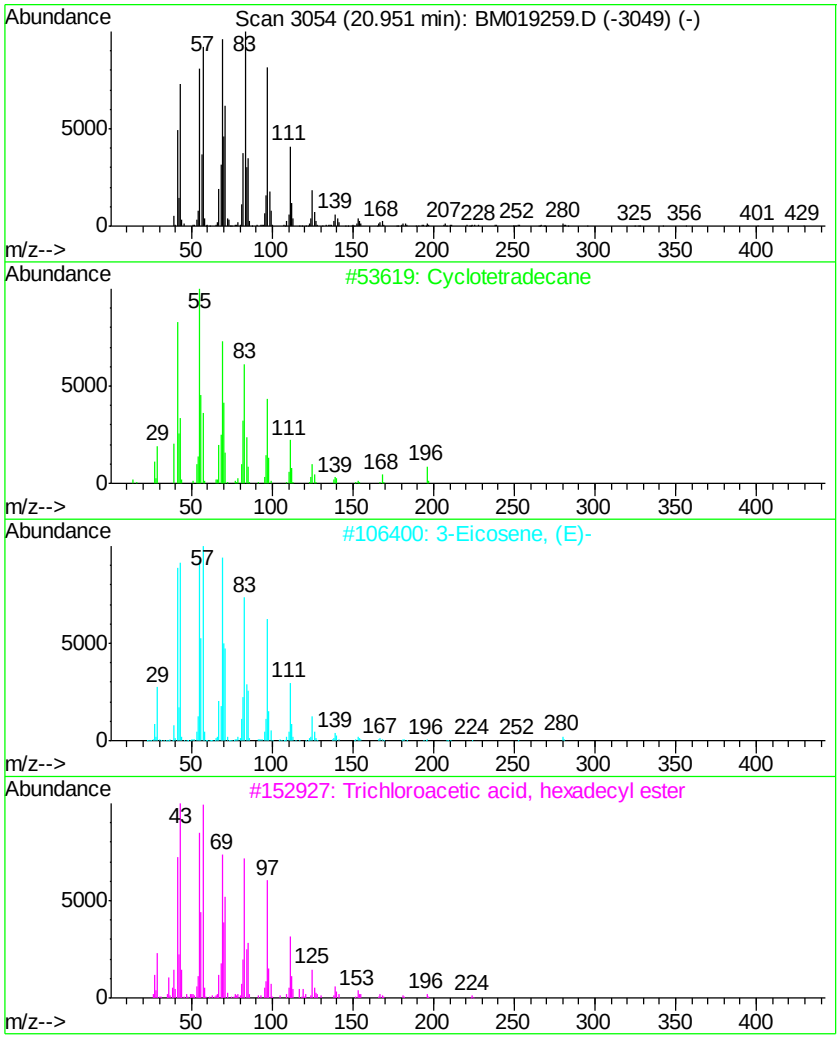
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

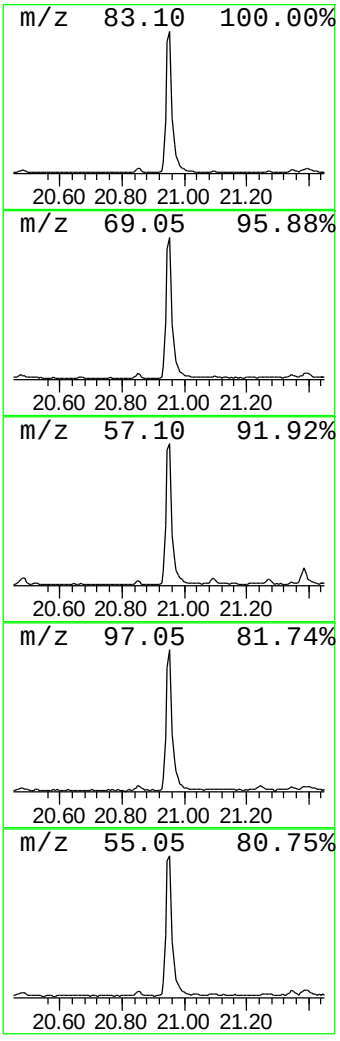
****

Peak Number 5 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	11.73 ng	1678460	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

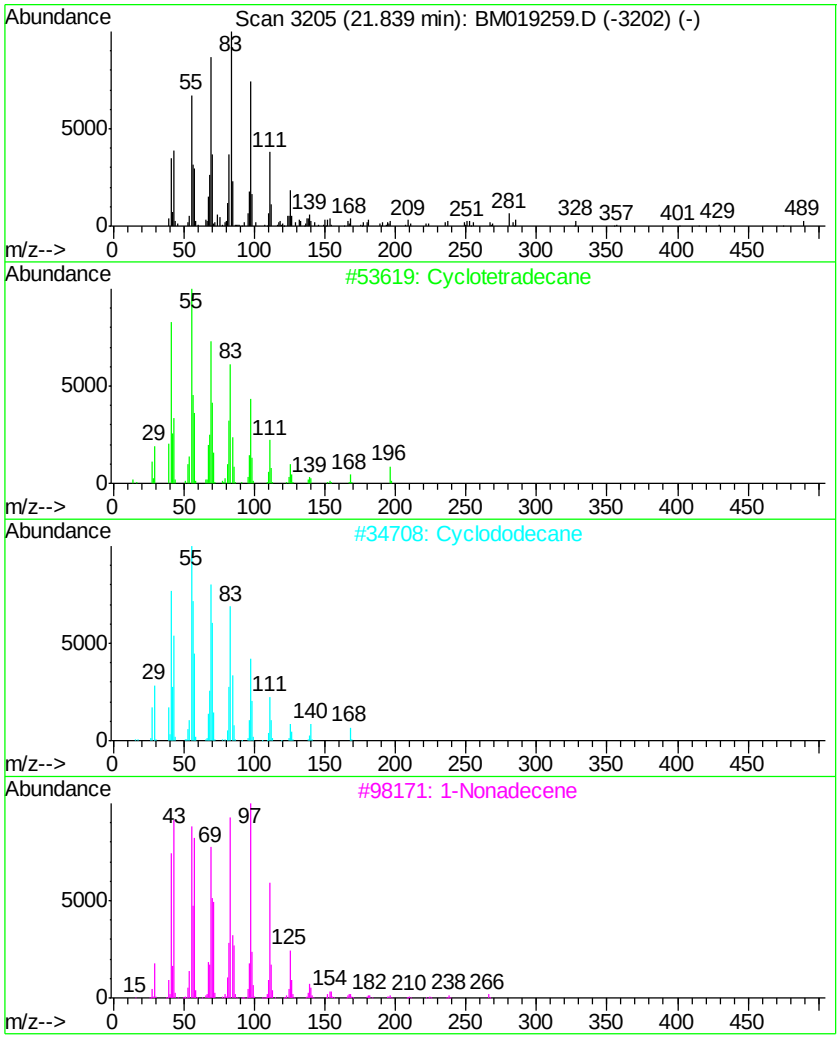
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

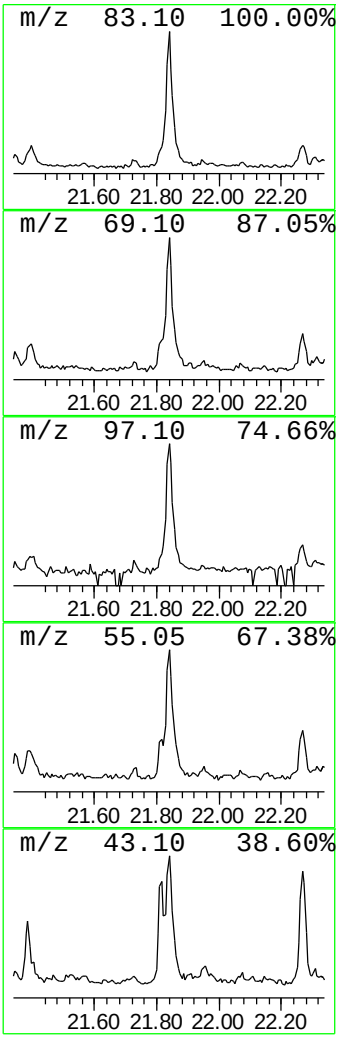
****

Peak Number 6 Cyclododecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.25 ng	321911	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	89
2	Cyclododecane	168	C12H24	000294-62-2	64
3	1-Nonadecene	266	C19H38	018435-45-5	53
4	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	49
5	Cyclohexadecane	224	C16H32	000295-65-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

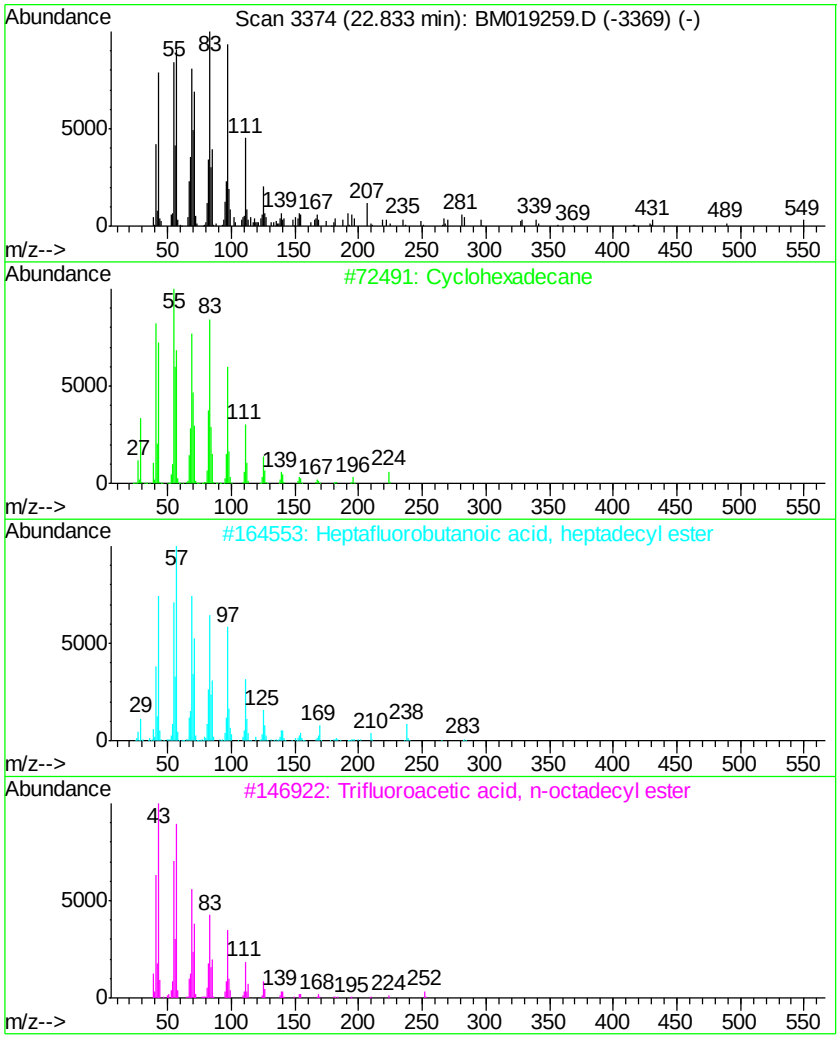
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

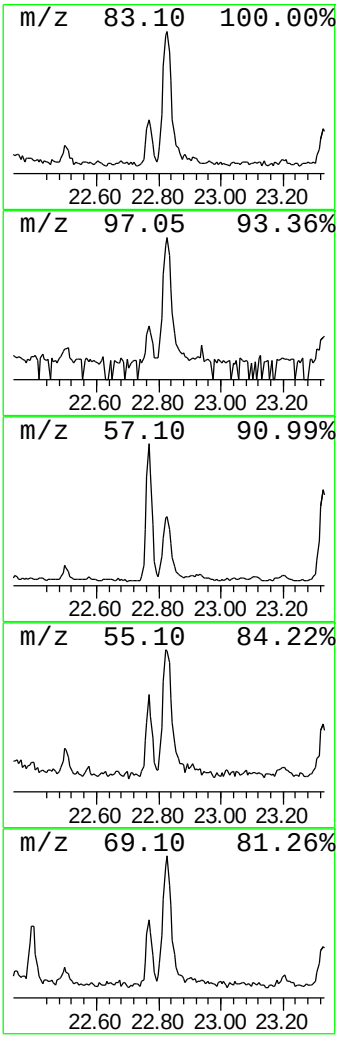
****

Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.91 ng	326842	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

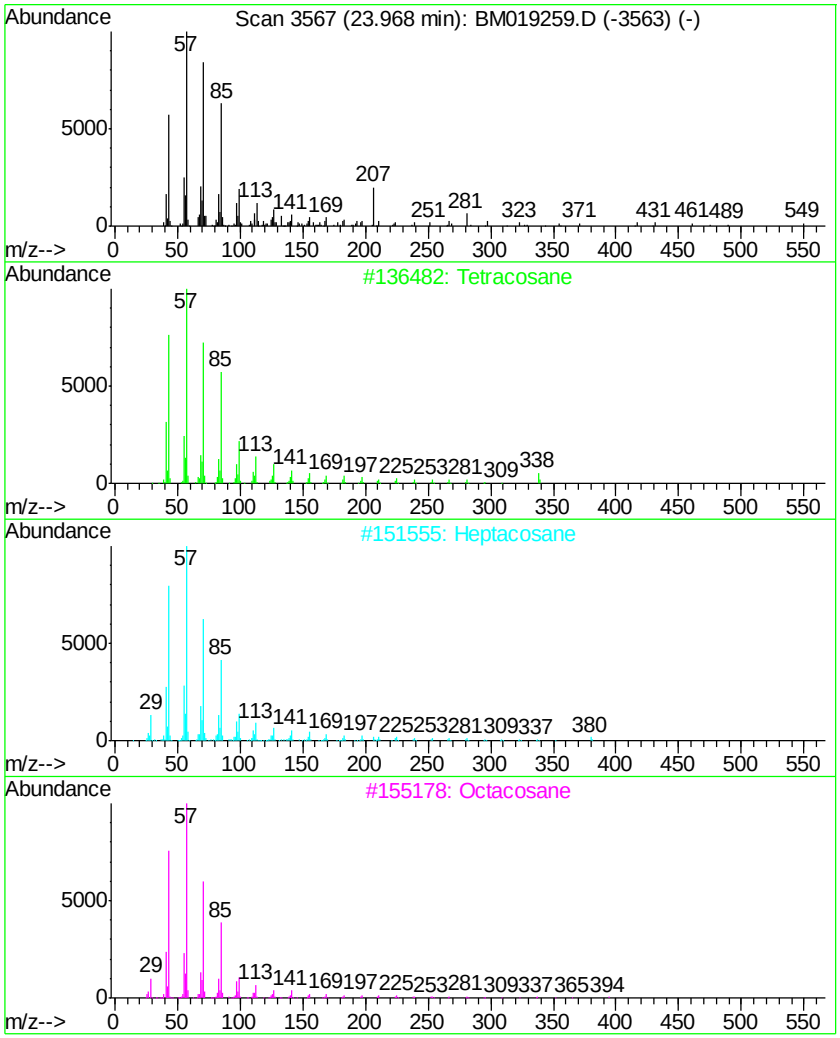
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

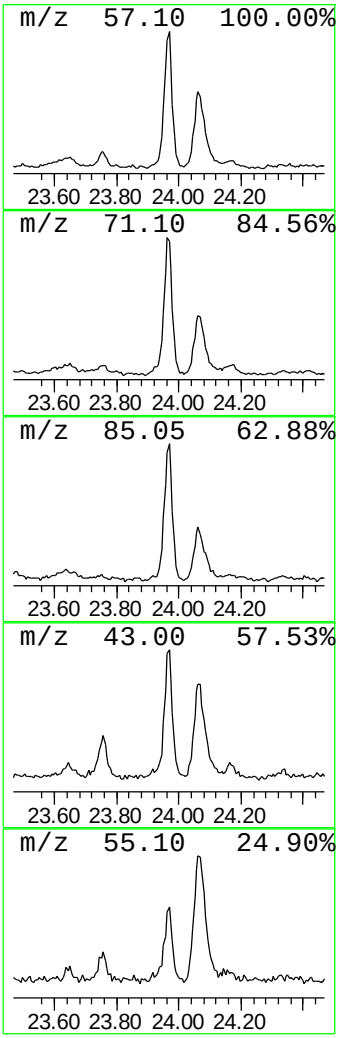
****

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.50 ng	280075	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	81
2	Heptacosane	380	C27H56	000593-49-7	81
3	Octacosane	394	C28H58	000630-02-4	81
4	Triacontane	422	C30H62	000638-68-6	81
5	Tetratriacontane	479	C34H70	014167-59-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019259.D
Acq On : 20 Mar 2019 08:19
Operator : JU/SJ
Sample : K1948-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : INV-025-SW04-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.17	7.17	123.1	ng	6373170	1	7.63	1035910	20.0
n-Hexadecanoic acid	17.94	6.8	ng	957074	4	17.05	2815140	20.0
Octadecanoic acid	19.23	2.5	ng	351889	5	21.24	2861170	20.0
Cyclotetradecane	20.95	11.7	ng	1678460	5	21.24	2861170	20.0
Cyclododecane	21.84	2.3	ng	321911	5	21.24	2861170	20.0
Cyclohexadecane	22.83	2.9	ng	326842	6	23.47	2243390	20.0
Tetracosane	23.97	2.5	ng	280075	6	23.47	2243390	20.0