LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

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-BM053119.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	3.057	8	12	29	rVB	2097242	2694569	14.01%	2.188%
2	5.416	405	413	421	rBV	6232712	9227787	47.99%	7.493%
3	5.828	476	483	493	rBV	126032	224556	1.17%	0.182%
4	6.998	672	682	696	rBV	6427820	10743852	55.88%	8.724%
5	7.363	736	744	751	rBV	6650819	10525403	54.74%	8.547%
6	7.428	751	755	760	rVV	166267	262282	1.36%	0.213%
7	7.487	760	765	774	rVB	137689	284405	1.48%	0.231%
8	7.828	816	823	830	rBV	1168555	1853194	9.64%	1.505%
9	8.151	869	878	885	rBV	4613789	7502846	39.02%	6.093%
10	8.992	1013	1021	1032	rBV	3939901	6499961	33.81%	5.278%
11	10.622	1291	1298	1304	rBV	1615779	2678646	13.93%	2.175%
12	11.269	1403	1408	1416	rBV2	124640	207425	1.08%	0.168%
13	13.086	1710	1717	1727	rVB	9215953	13994800	72.79%	11.364%
14	13.921	1850	1859	1868	rBV	1038388	1436378	7.47%	1.166%
15	14.463	1944	1951	1959	rBV2	2383919	3643274	18.95%	2.958%
16	15.957	2197	2205	2216	rBV	8166104	11859514	61.68%	9.630%
17	17.209	2412	2418	2423	rBV2	3195032	4395476	22.86%	3.569%
18	18.109	2562	2571	2580	rBV2	1192046	1942549	10.10%	1.577%
19	19.262	2760	2767	2773	rBV	242029	366617	1.91%	0.298%
20	19.380	2783	2787	2798	rBV2	311594	523728	2.72%	0.425%
21	19.627	2821	2829	2837	rVB	249673	477255	2.48%	0.388%
22	19.833	2858	2864	2870	rBV	14883887	19227227	100.00%	15.613%
23	21.097	3075	3079	3089	rBV	1677369	2006933	10.44%	1.630%
24	21.239	3100	3103	3108	rBV	164370	202283	1.05%	0.164%
25	21.386	3122	3128	3132	rBV	3199727	4182798	21.75%	3.397%
26	21.544	3151	3155	3159	rBV2	201718	249558	1.30%	0.203%
27	21.992	3227	3231	3236	rBV3	224753	414554	2.16%	0.337%
28	22.468	3308	3312	3315	rVB	156515	193336	1.01%	0.157%
29	22.597	3331	3334	3341	rVB	142897	198683	1.03%	0.161%
30	22.986	3396	3400	3405	rBV	276872	482112	2.51%	0.391%
31	23.574	3495	3500	3507	rVB2	272694	500451	2.60%	0.406%
32	23.674	3510	3517	3532	rVB	1826435	3695650	19.22%	3.001%
33	24.338	3625	3630	3642	rVB3	211658	447901	2.33%	0.364%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

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-BM053119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 123146003

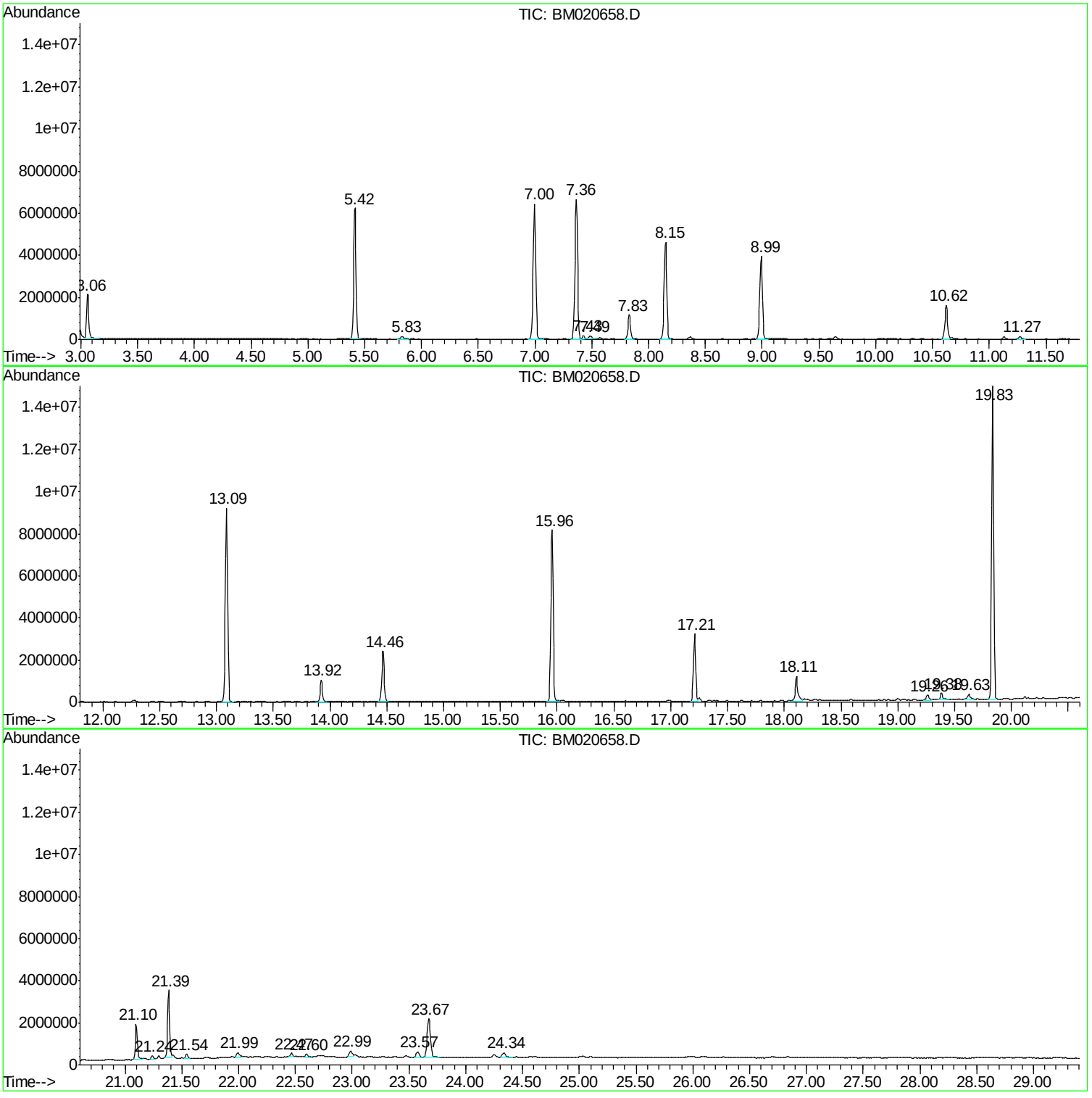
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

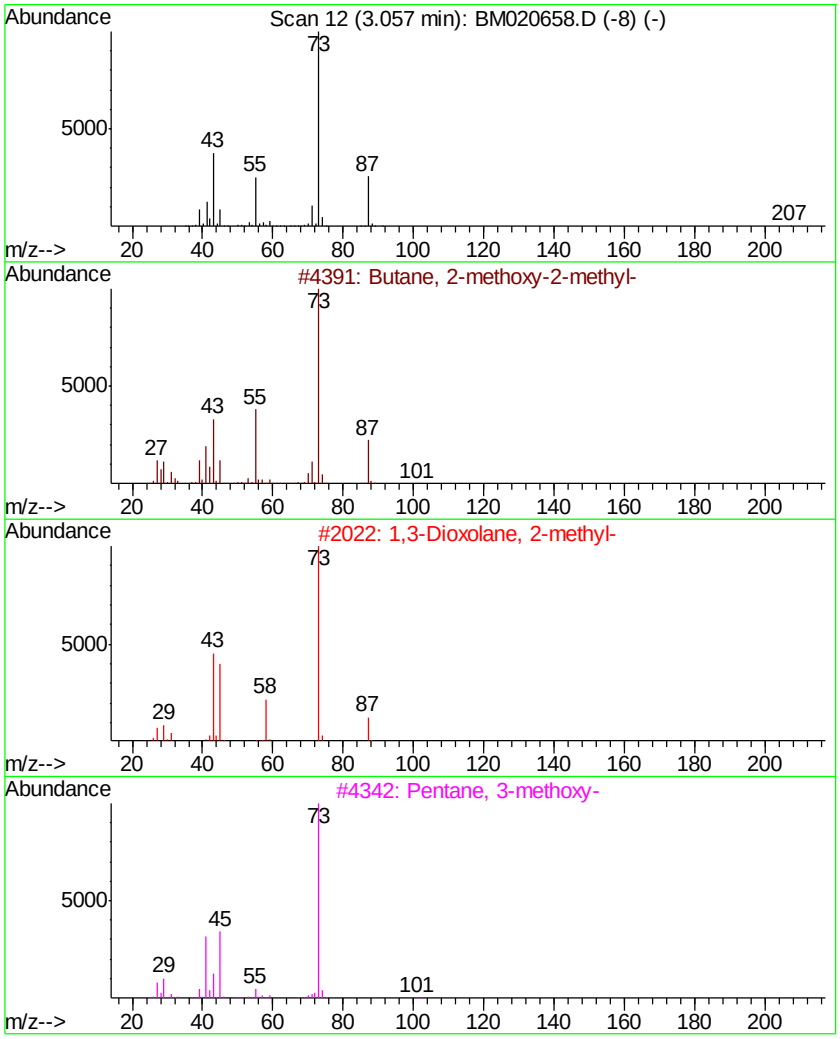
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

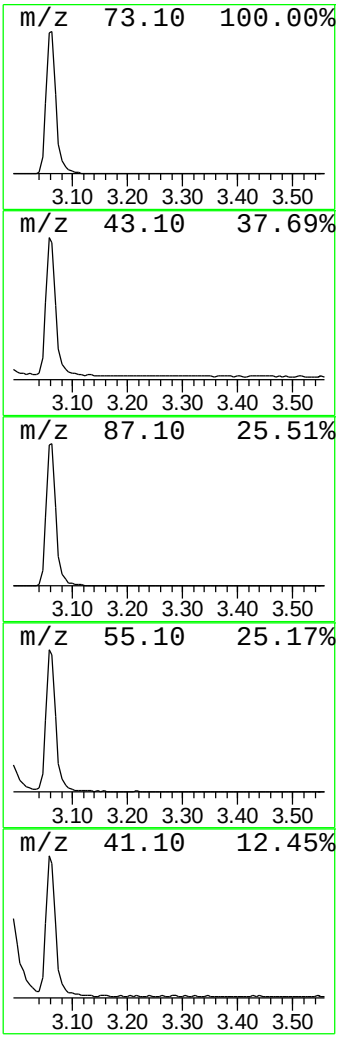
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	29.08 ng	2694570	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

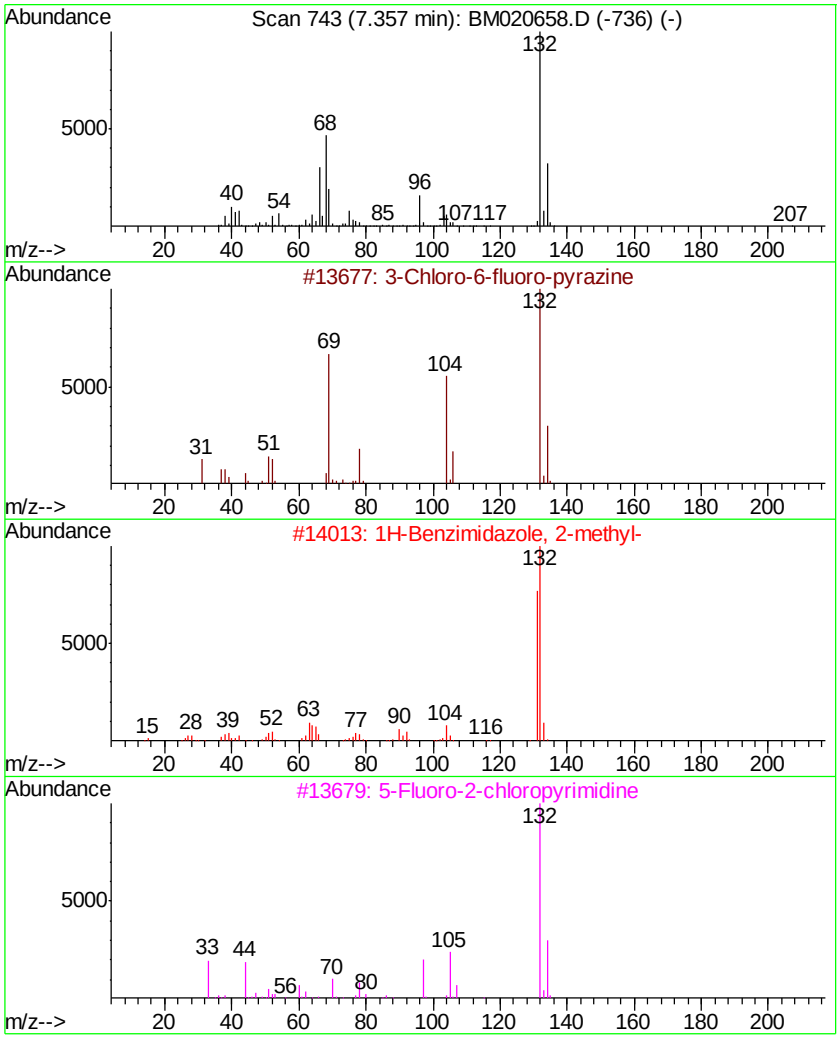
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

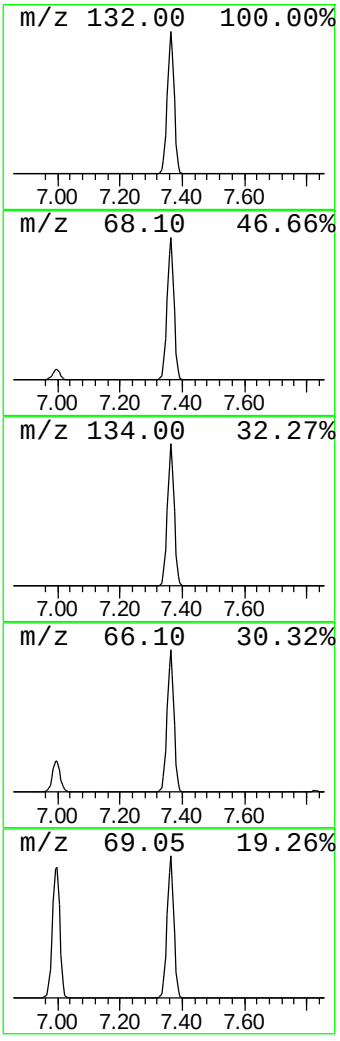
****

Peak Number 3 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	113.59 ng	10525400	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

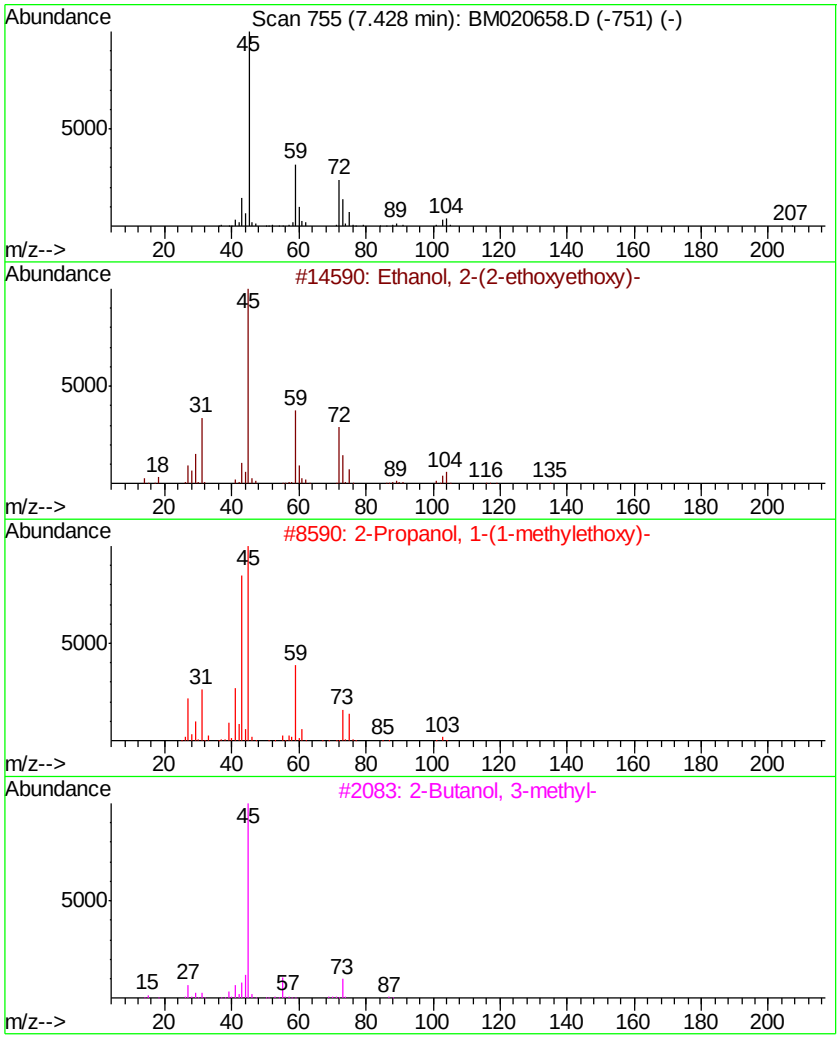
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

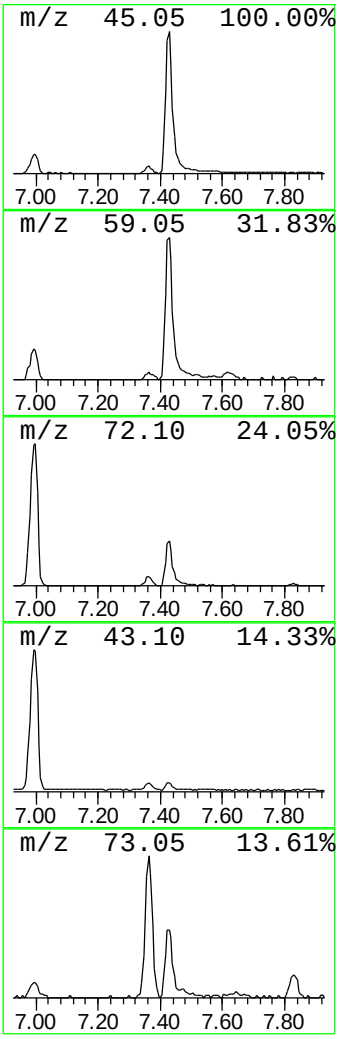
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.83 ng	262282	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	43
4	2-Butanol	74	C4H10O	000078-92-2	40
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

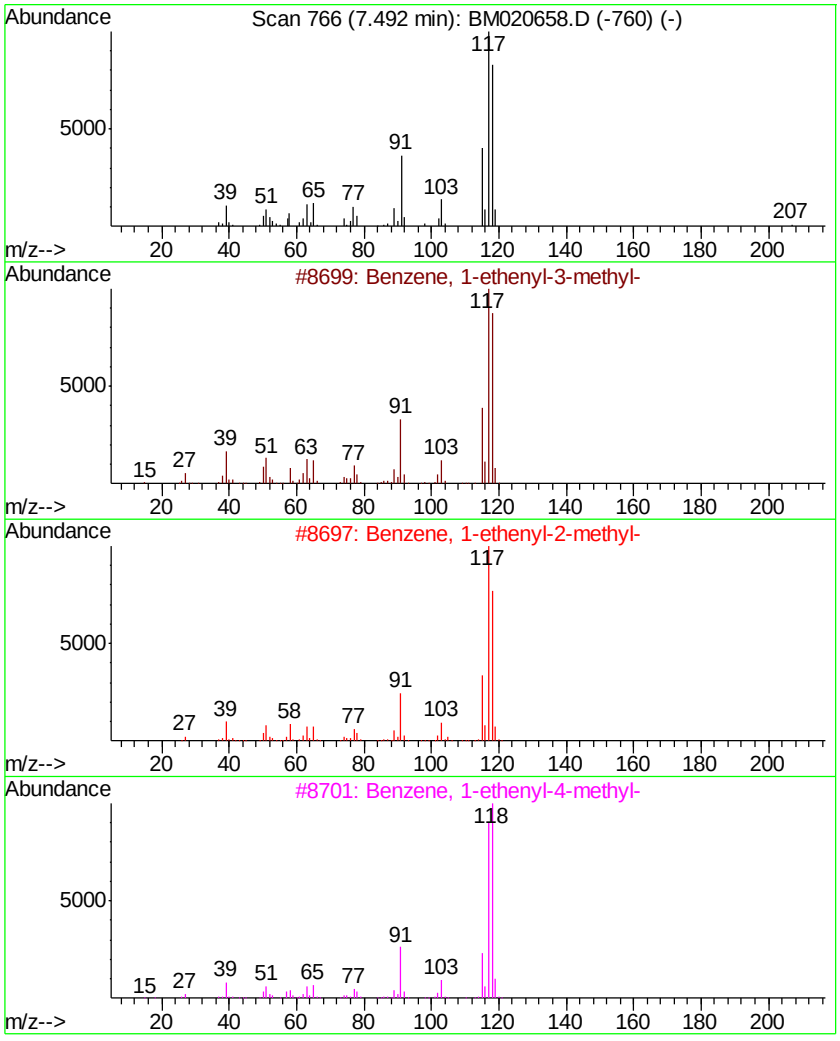
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

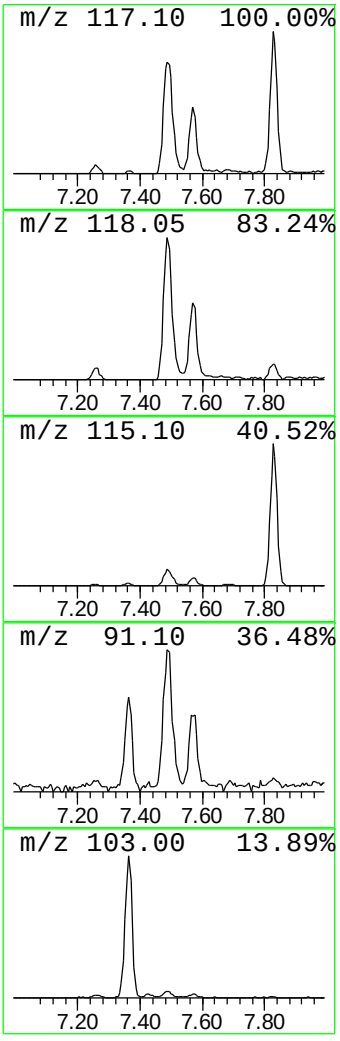
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	3.07 ng	284405	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

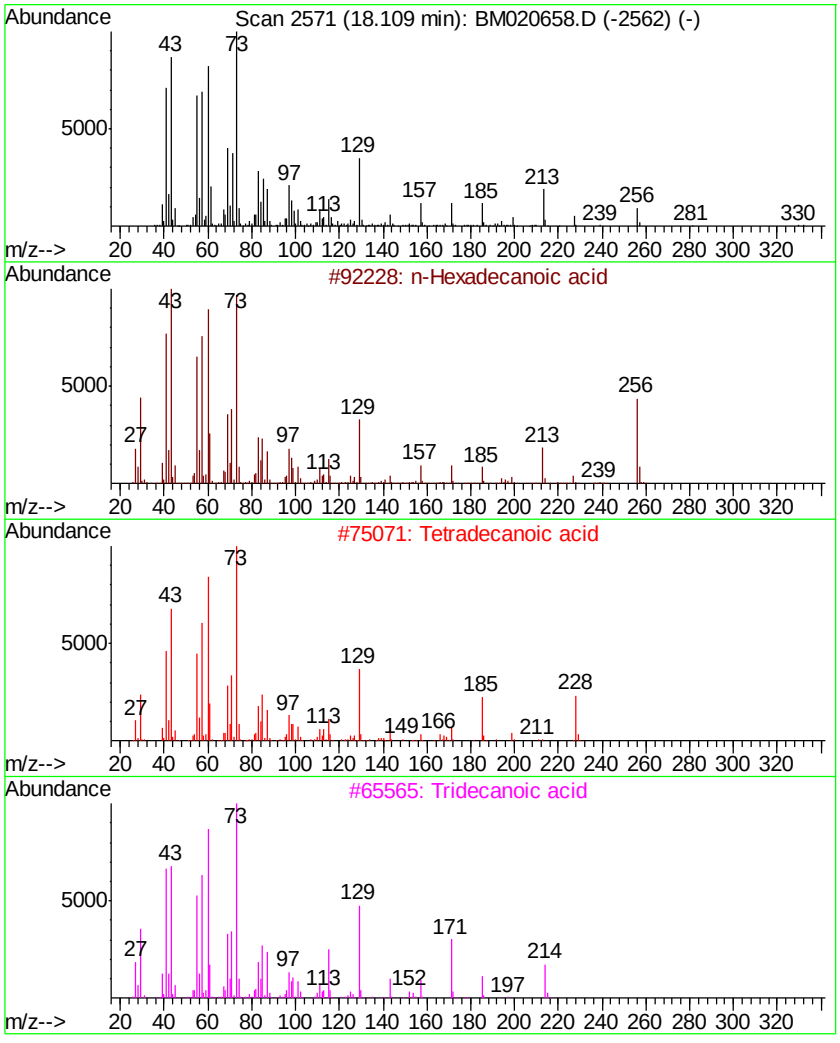
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

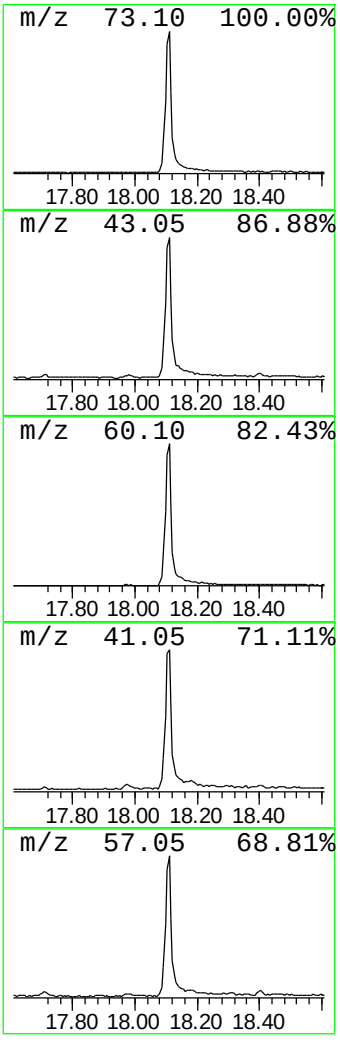
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.84 ng	1942550	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

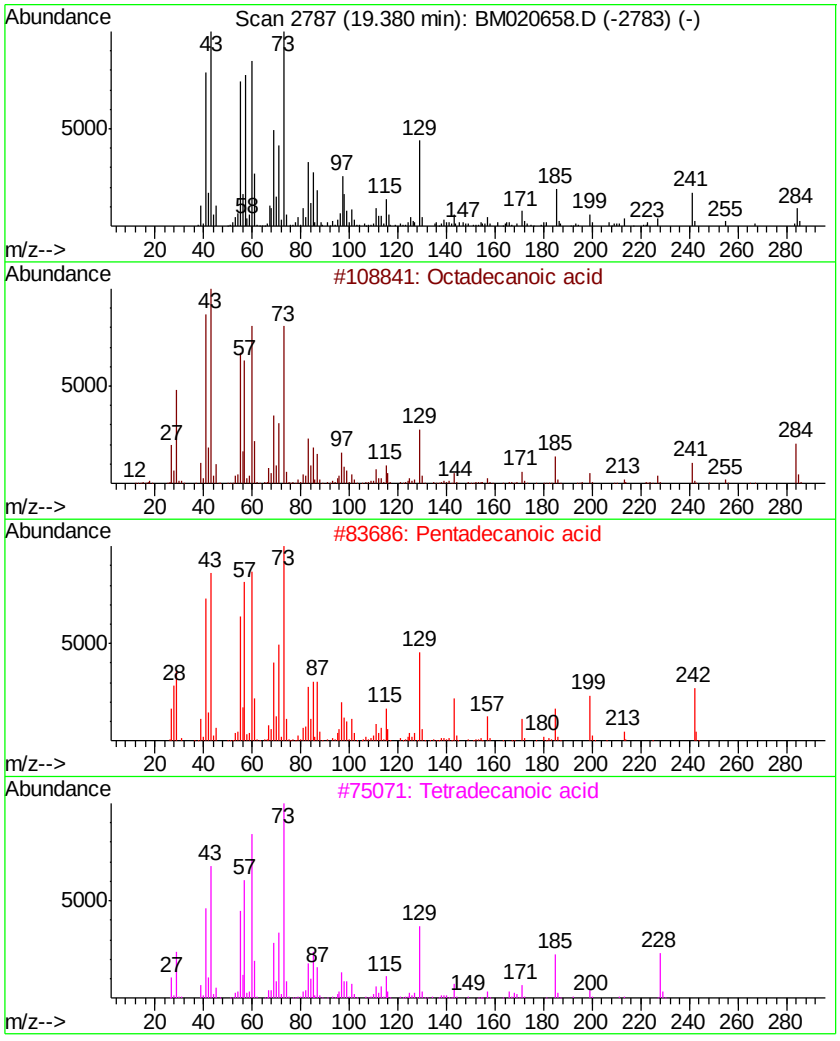
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

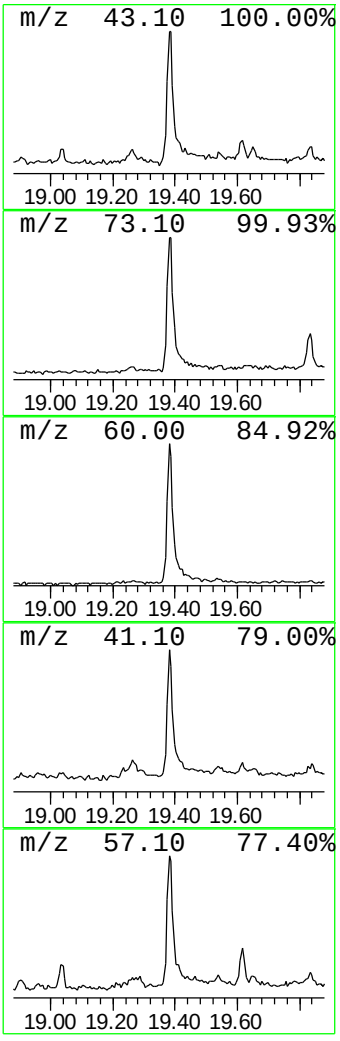
****

Peak Number 8 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.50 ng	523728	Chrysene-d12	21.39

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	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Nonanoic acid	158	C9H18O2	000112-05-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

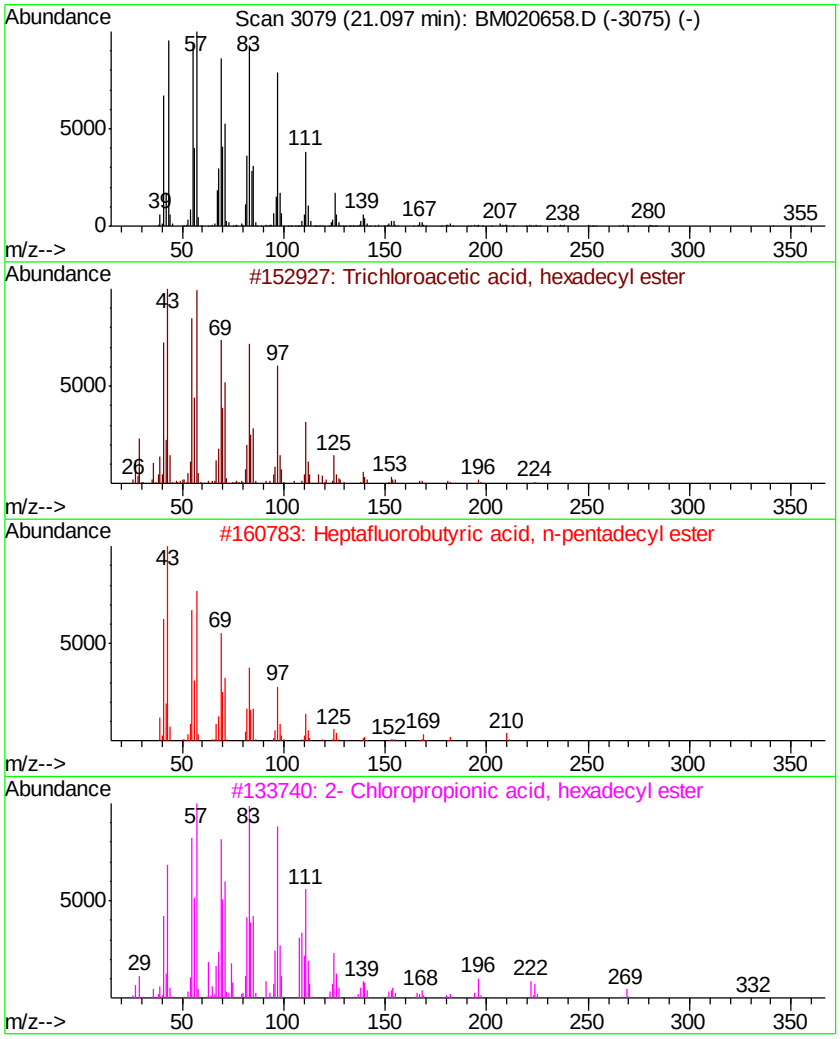
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

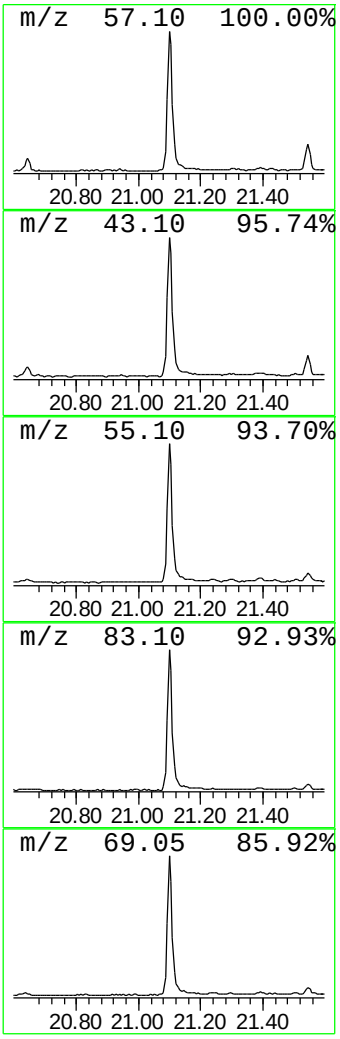
****

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	9.60 ng	2006930	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

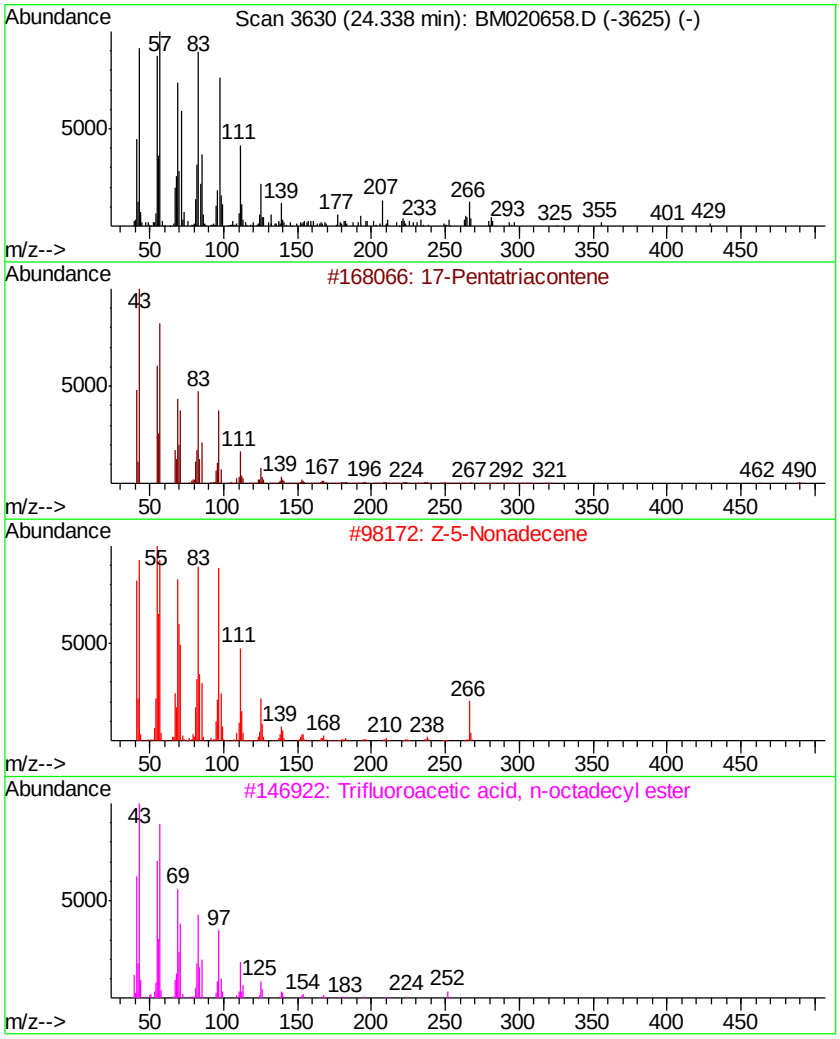
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

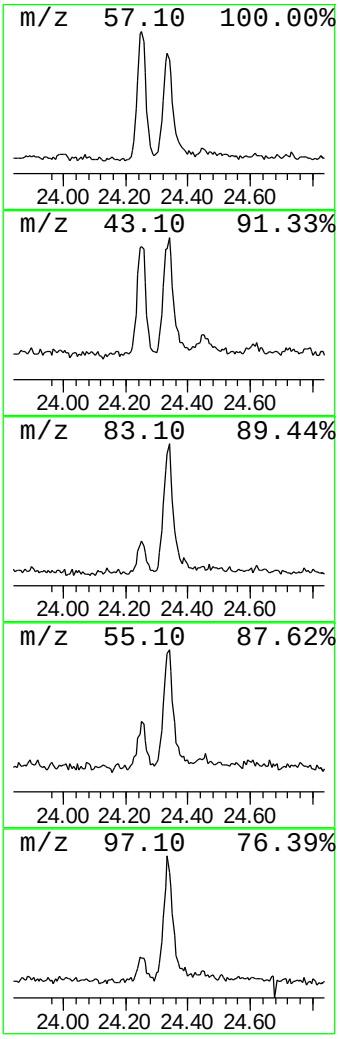
****

Peak Number 13 17-Pentatriacontene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	2.42 ng	447901	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	87
4	Cycloeicosane	280	C20H40	000296-56-0	86
5	1-Hexacosanol	382	C26H54O	000506-52-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060119\
Data File : BM020658.D
Acq On : 01 Jun 2019 19:45
Operator : HP/JU
Sample : K3105-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 66-67-TRACK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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
Butane, 2-methoxy...	3.06	29.1	ng	2694570	1	7.83	1853190	20.0
unknown7.36	7.36	113.6	ng	10525400	1	7.83	1853190	20.0
Ethanol, 2-(2-eth...	7.43	2.8	ng	262282	1	7.83	1853190	20.0
Benzene, 1-etheny...	7.49	3.1	ng	284405	1	7.83	1853190	20.0
n-Hexadecanoic acid	18.11	8.8	ng	1942550	4	17.21	4395480	20.0
Octadecanoic acid	19.38	2.5	ng	523728	5	21.39	4182800	20.0
Trichloroacetic a...	21.10	9.6	ng	2006930	5	21.39	4182800	20.0
17-Pentatriacontene	24.34	2.4	ng	447901	6	23.67	3695650	20.0