LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018975.D
Acq On : 28 Feb 2019 18:38
Operator : JU/SJ
Sample : K1638-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-5(BELOW-EXPOSED-PIPE)

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-BM021119.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	5.281	366	373	386	rBV	3115283	4756666	45.73%	7.121%
2	6.863	635	642	661	rBV	3392310	5527051	53.13%	8.274%
3	7.222	695	703	716	rBV	3435535	5545025	53.31%	8.301%
4	7.686	775	782	789	rBV	961884	1493901	14.36%	2.236%
5	8.004	827	836	845	rBV	2381239	3846529	36.98%	5.758%
6	8.857	972	981	1002	rBV	1856717	3302453	31.75%	4.944%
7	10.475	1248	1256	1272	rBV	1270203	2223819	21.38%	3.329%
8	12.951	1670	1677	1691	rBV	4994315	7113652	68.39%	10.649%
9	13.804	1814	1822	1833	rBV	189497	299340	2.88%	0.448%
10	14.339	1906	1913	1928	rVB2	1960232	3007638	28.91%	4.502%
11	15.839	2161	2168	2186	rBV	4162316	6141104	59.04%	9.193%
12	17.092	2374	2381	2393	rBV	2480733	3636211	34.96%	5.443%
13	17.980	2527	2532	2543	rBV	387840	616477	5.93%	0.923%
14	19.262	2746	2750	2758	rBV	137436	208496	2.00%	0.312%
15	19.727	2823	2829	2839	rBV	8703156	10401989	100.00%	15.572%
16	20.986	3039	3043	3051	rBV	414345	585976	5.63%	0.877%
17	21.286	3089	3094	3107	rBV	3132945	3955016	38.02%	5.921%
18	21.421	3114	3117	3122	rBV	114029	132056	1.27%	0.198%
19	21.856	3188	3191	3195	rBV	136281	162597	1.56%	0.243%
20	22.315	3266	3269	3276	rVB2	233132	312050	3.00%	0.467%
21	22.821	3352	3355	3359	rVB	203025	250236	2.41%	0.375%
22	23.532	3470	3476	3489	rVB2	1690996	3282491	31.56%	4.914%

Sum of corrected areas: 66800773

LSC Report - Integrated Chromatogram

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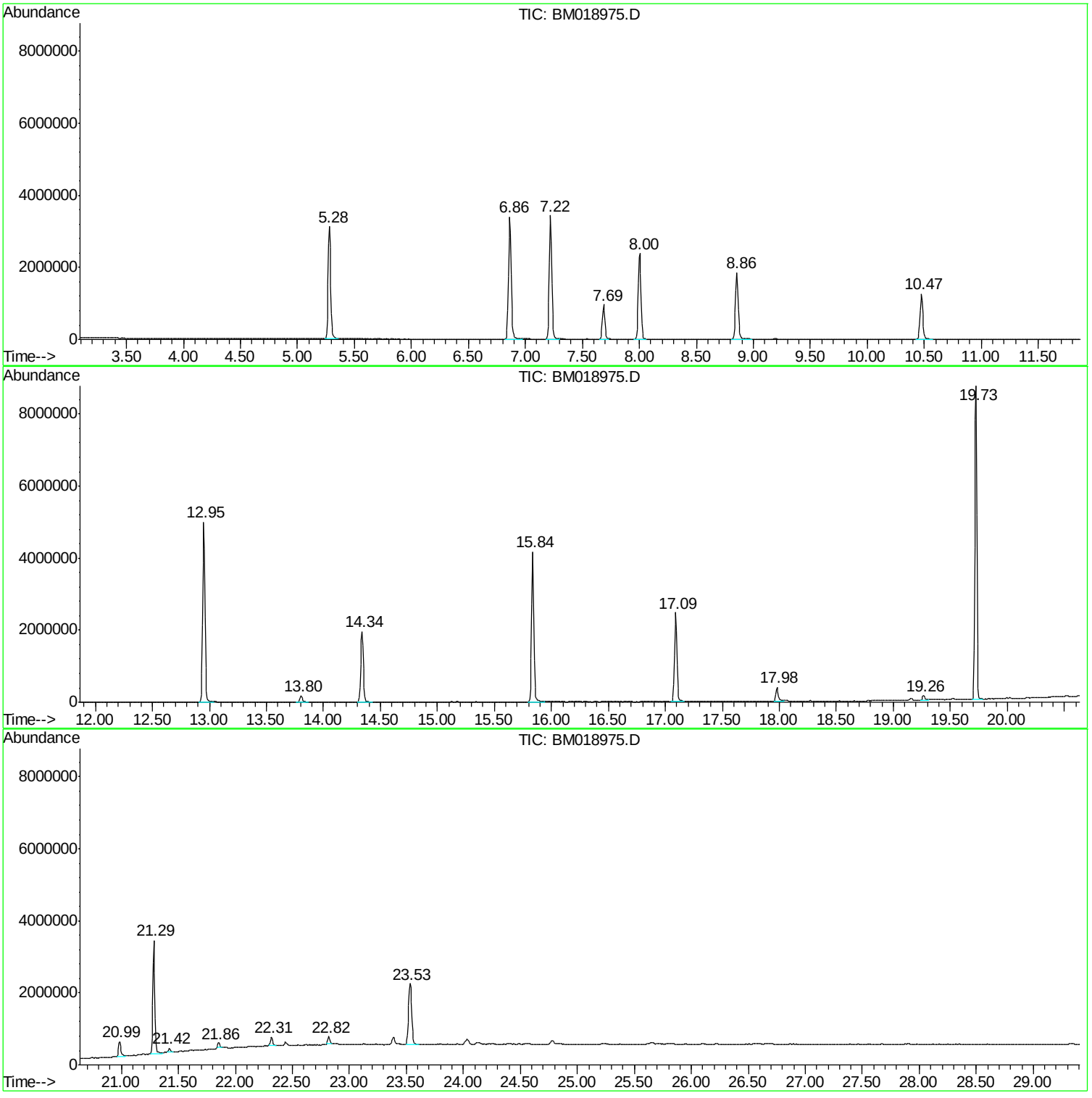
BNA_M
ClientSampleId :
PE-5(BELOW-EXPOSED-PIPE)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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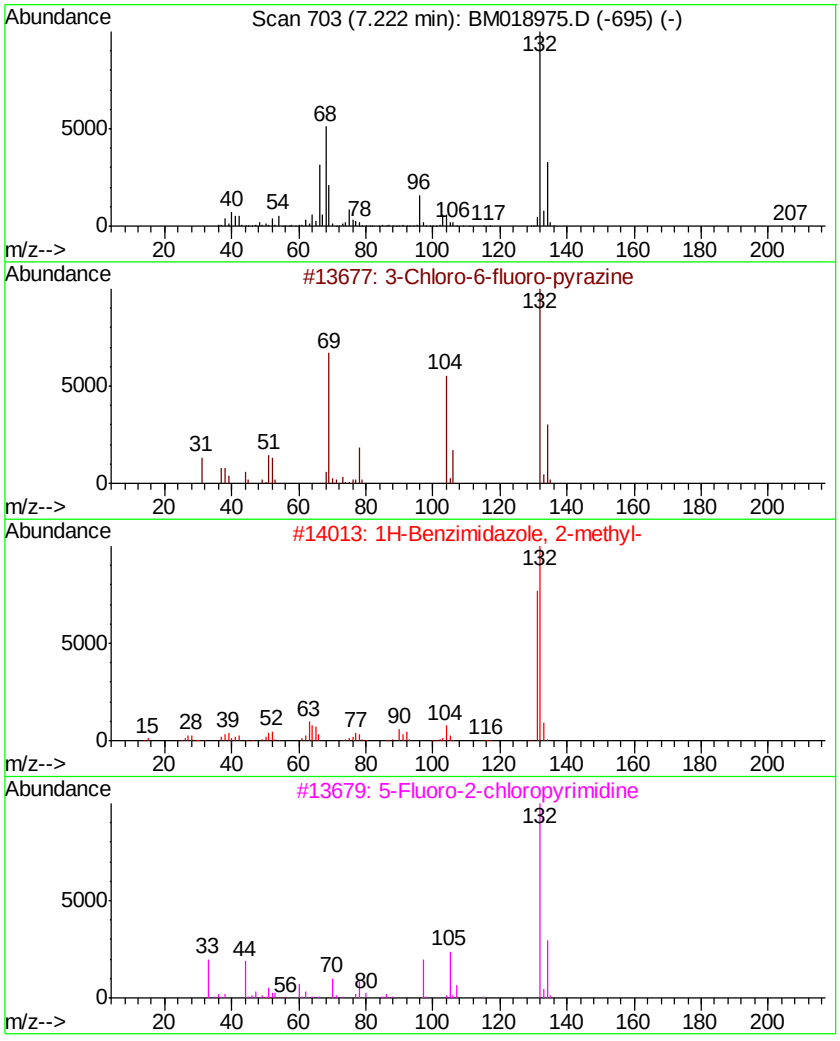
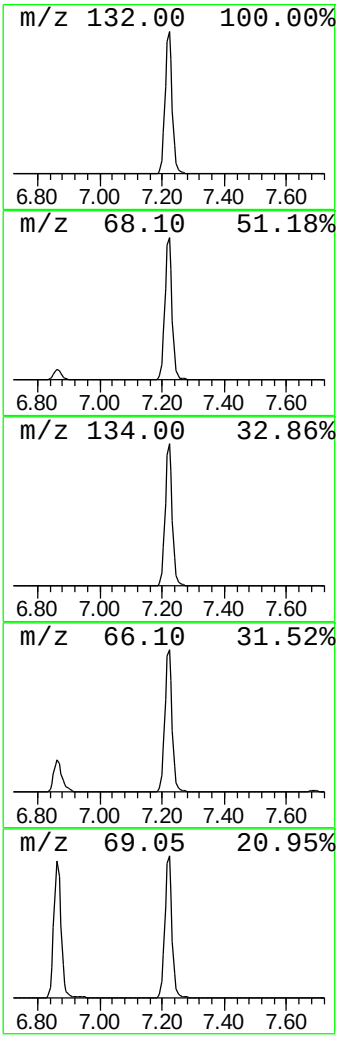
Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	74.24 ng	5545030	1,4-Dichlorobenzene-d4	7.69

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11





Library Search Compound Report

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BNA_M
ClientSampleId :
PE-5(BELOW-EXPOSED-PIPE)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

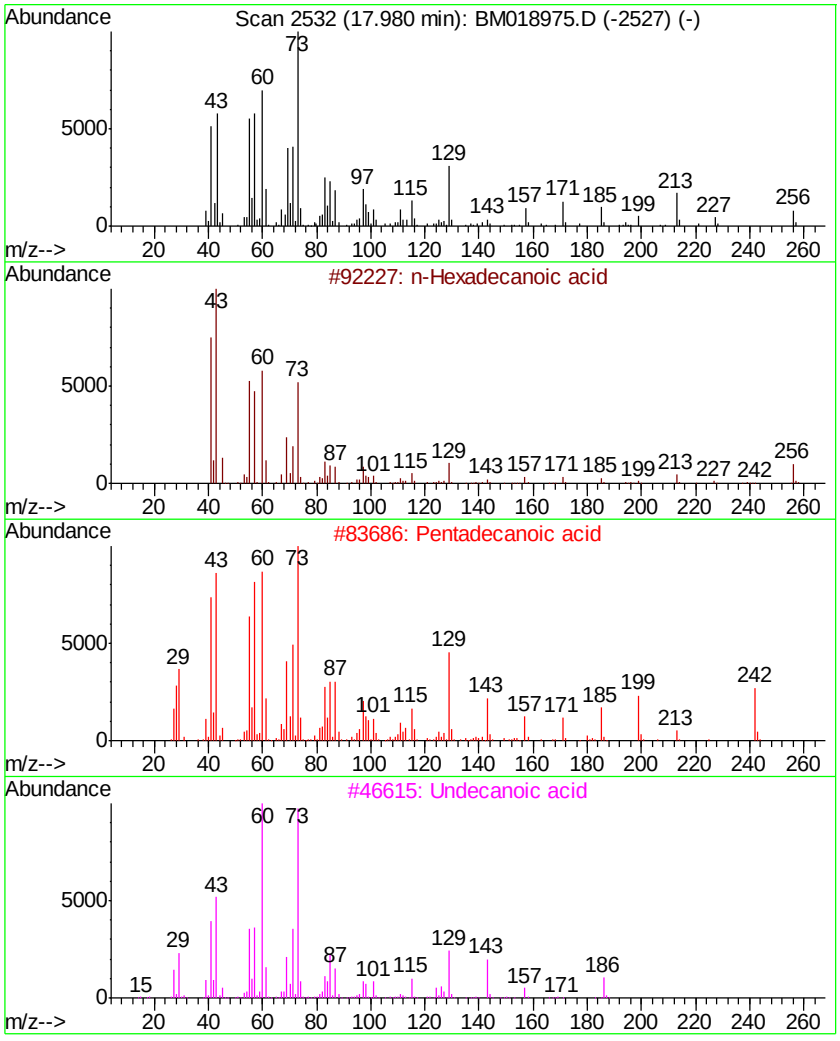
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

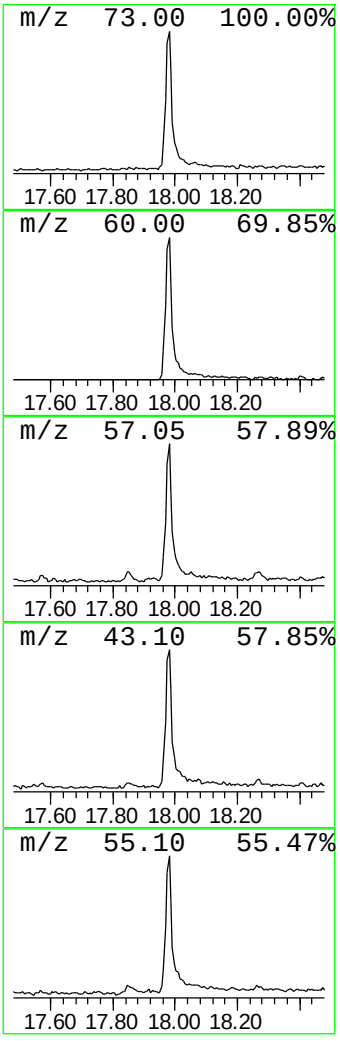
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	3.39 ng	616477	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	25
5	Eicosane	282	C20H42	000112-95-8	18





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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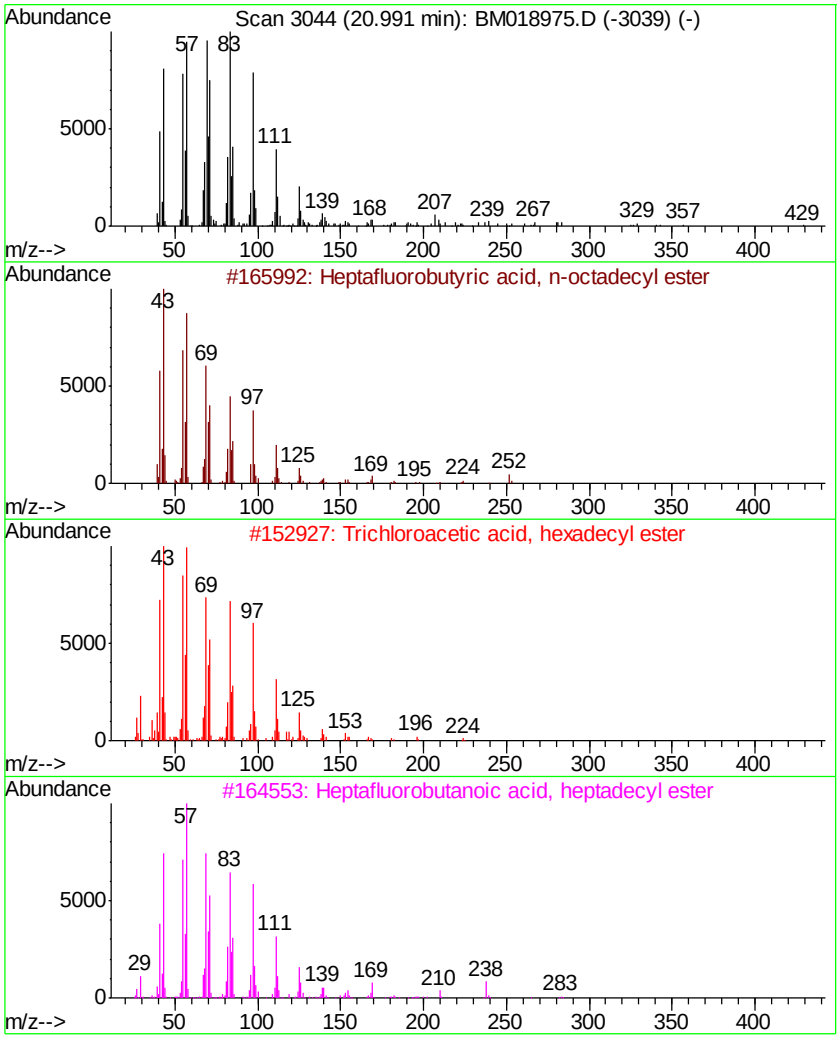
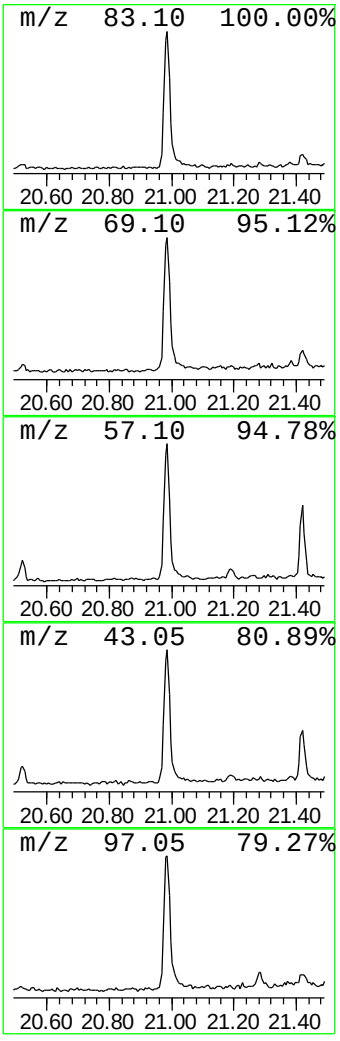
Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.96 ng	585976	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.22	7.22	74.2	ng	5545030	1	7.69	1493900	20.0
n-Hexadecanoic acid	17.98	3.4	ng	616477	4	17.09	3636210	20.0
Heptafluorobutyri...	20.99	3.0	ng	585976	5	21.29	3955020	20.0