LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012167.D
Acq On : 14 Oct 2017 11:04
Operator : SJ/JU
Sample : I5548-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	21	25	33	rVB	28300	47416	1.62%	0.126%
2	6.992	657	664	677	rBV	455868	887352	30.31%	2.361%
3	7.151	684	691	703	rBV	359193	579896	19.80%	1.543%
4	7.351	718	725	739	rBV	523883	886821	30.29%	2.359%
5	7.822	798	805	814	rBV	642198	1092337	37.31%	2.906%
6	8.533	919	926	945	rBV	584893	1084856	37.05%	2.886%
7	8.992	996	1004	1016	rBV	452587	837122	28.59%	2.227%
8	9.710	1117	1126	1138	rBV	415851	767239	26.20%	2.041%
9	10.251	1212	1218	1233	rBV	630290	1169843	39.95%	3.112%
10	10.622	1274	1281	1294	rVB	916068	1599552	54.63%	4.255%
11	10.769	1299	1306	1323	rBV	510627	1012036	34.56%	2.692%
12	13.880	1828	1835	1839	rBV	1276140	1874851	64.03%	4.988%
13	13.927	1839	1843	1852	rVB	425014	637250	21.76%	1.695%
14	14.168	1877	1884	1892	rBV	1438034	2175732	74.31%	5.788%
15	14.345	1909	1914	1920	rVB5	16529	35526	1.21%	0.095%
16	14.474	1929	1936	1944	rBV2	1447571	2192545	74.88%	5.833%
17	14.698	1967	1974	1987	rBV	228497	549093	18.75%	1.461%
18	14.904	2005	2009	2014	rVB4	30617	52092	1.78%	0.139%
19	15.298	2073	2076	2081	rVB3	25192	33873	1.16%	0.090%
20	15.468	2098	2105	2117	rBV	1919056	2744748	93.74%	7.302%
21	15.610	2122	2129	2138	rVV	304272	472878	16.15%	1.258%
22	15.704	2140	2145	2150	rVB3	30493	48294	1.65%	0.128%
23	16.162	2217	2223	2230	rBV2	34262	56989	1.95%	0.152%
24	16.951	2354	2357	2362	rBV3	20297	29837	1.02%	0.079%
25	17.221	2396	2403	2409	rBV2	1843904	2634877	89.99%	7.010%
26	17.321	2413	2420	2433	rVV	1975461	2917279	99.63%	7.761%
27	17.586	2461	2465	2470	rBV5	34128	47021	1.61%	0.125%
28	17.874	2509	2514	2520	rVB6	27889	40346	1.38%	0.107%
29	18.098	2547	2552	2559	rBV2	212745	338908	11.57%	0.902%
30	19.250	2741	2748	2749	rBV4	109636	205522	7.02%	0.547%
31	19.374	2766	2769	2783	rVB3	199117	421952	14.41%	1.123%
32	19.615	2804	2810	2822	rVB	2117383	2878038	98.29%	7.657%
33	21.086	3057	3060	3064	rBV3	208169	249030	8.51%	0.663%
34	21.397	3109	3113	3120	rBV	1534361	2092794	71.47%	5.568%

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35	23.568	3474	3482	3492	rVB3	1127409	2928036	100.00%	7.790%
36	23.715	3502	3507	3517	rVB	983331	1967315	67.19%	5.234%

Sum of corrected areas: 37589296

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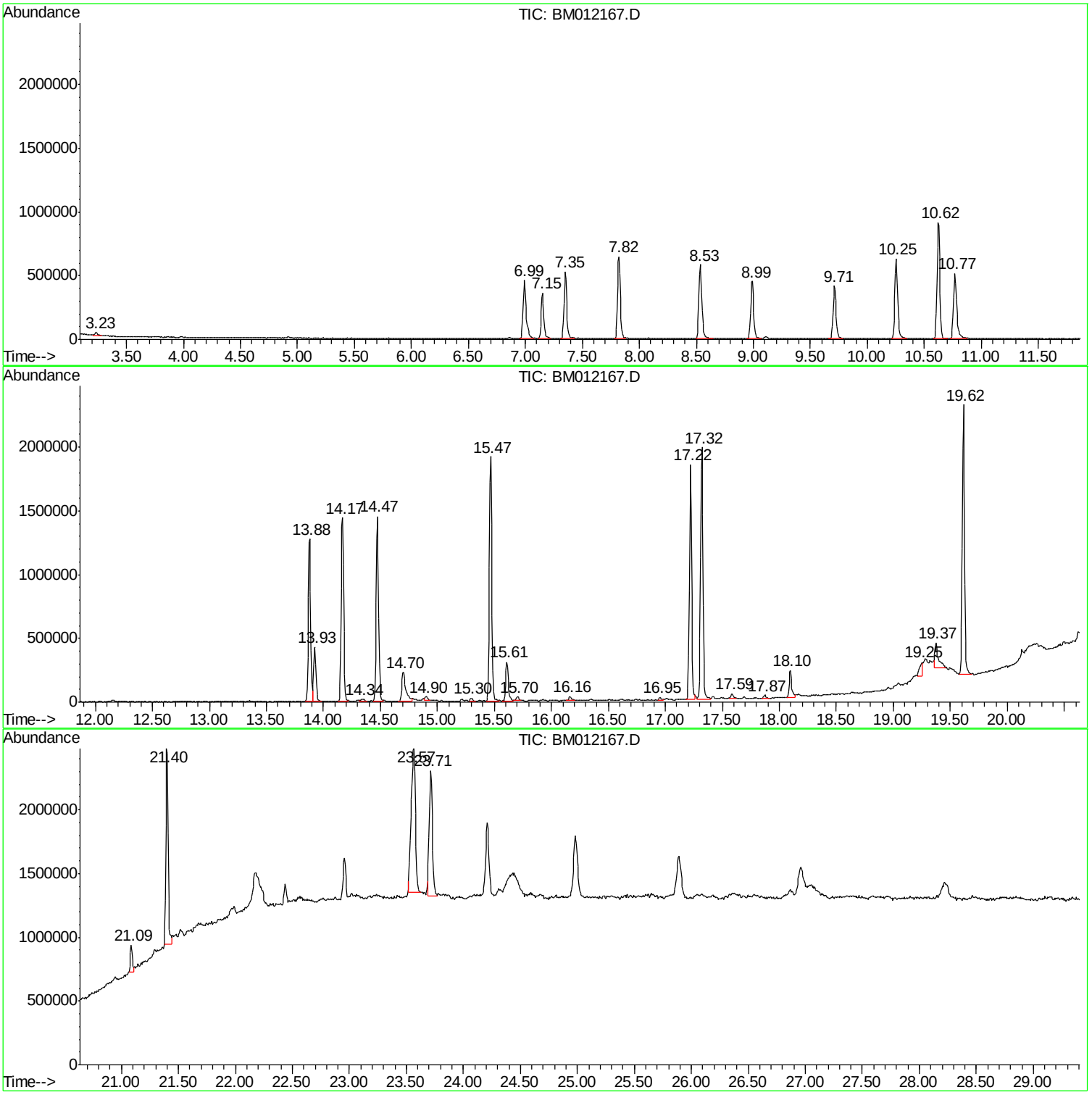
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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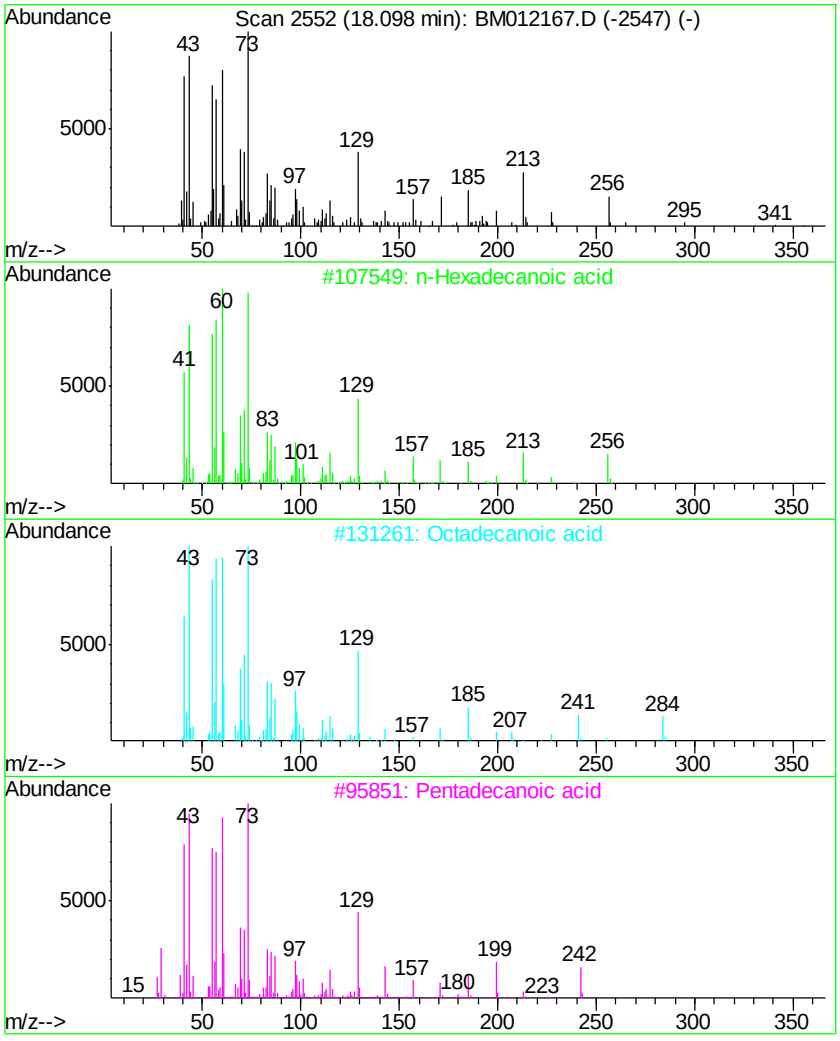
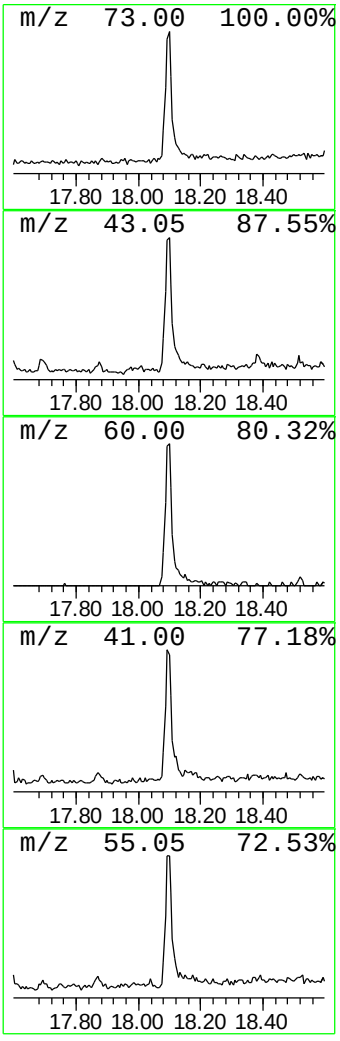
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.57 ng/ul	338908	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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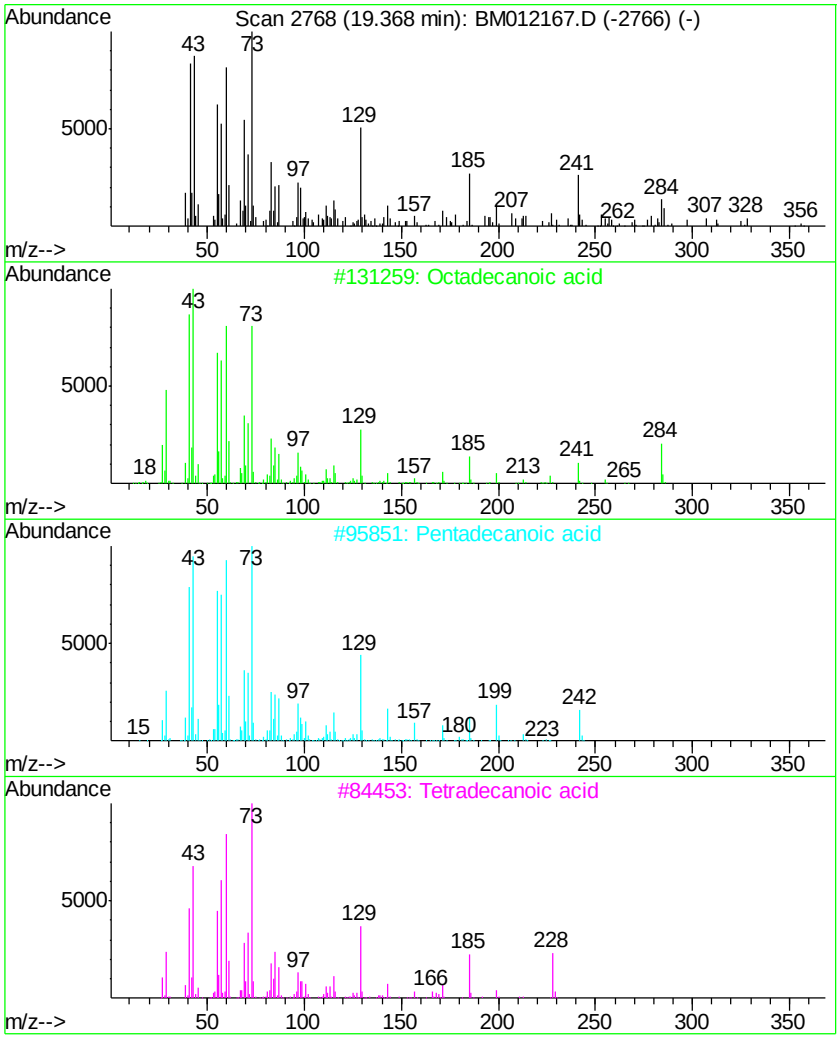
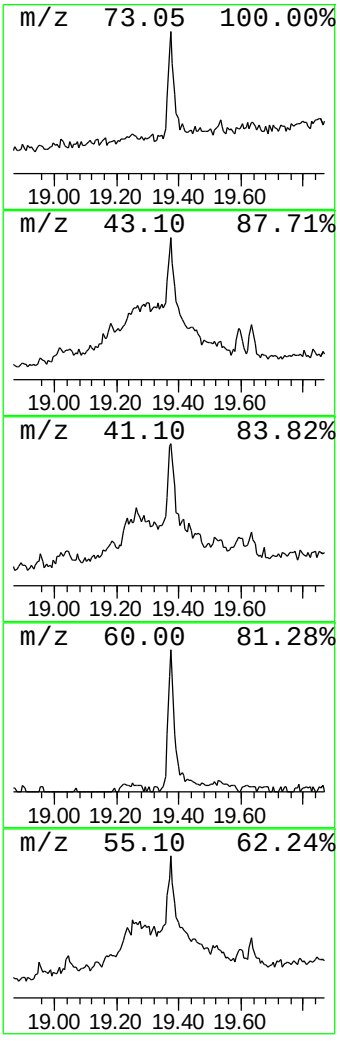
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	4.03 ng/ul	421952	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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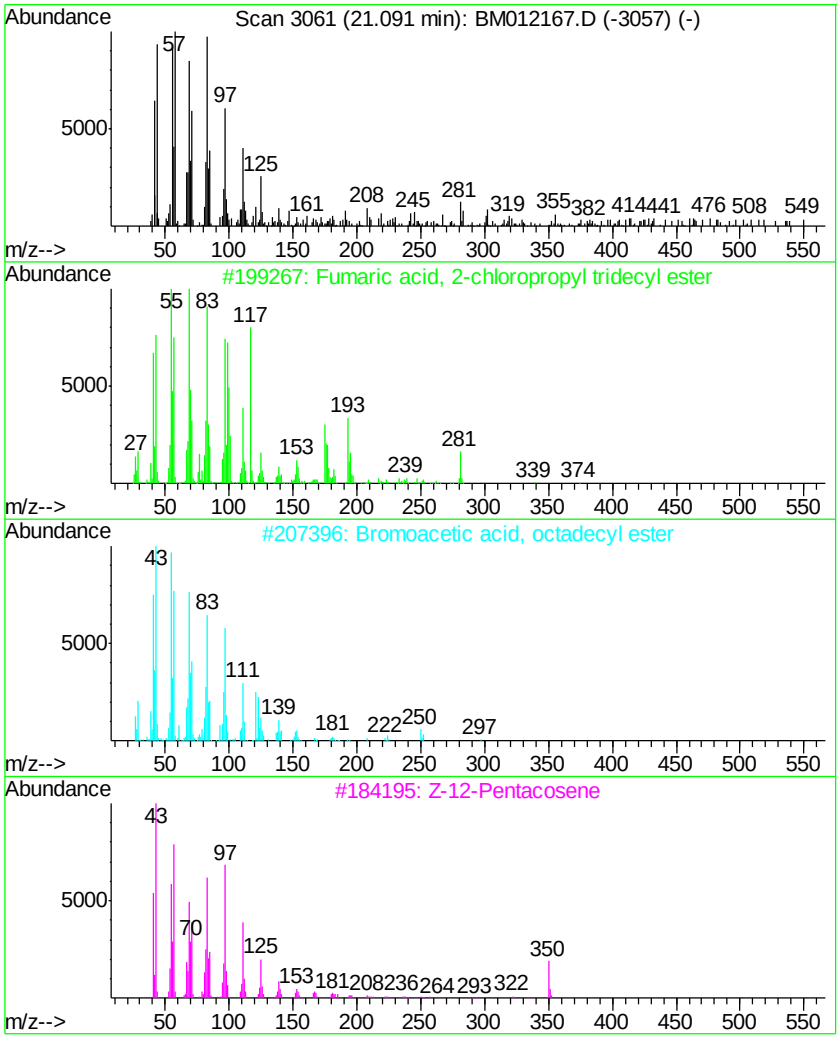
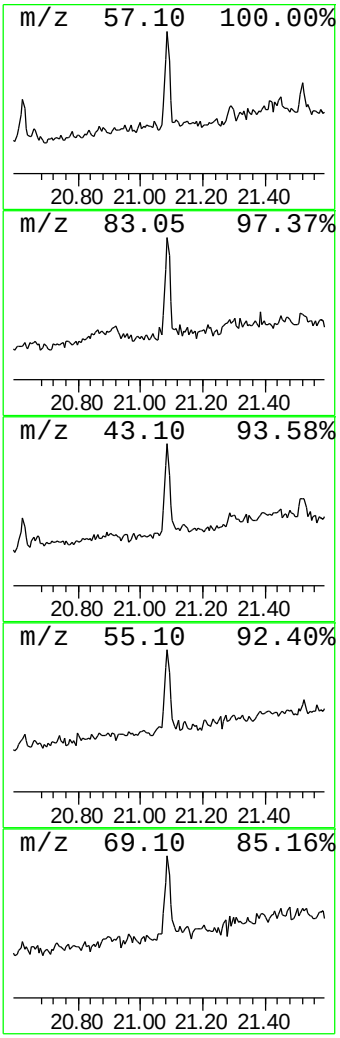
Peak Number 3 Fumaric acid, 2-chloropropy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.38 ng/ul	249030	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	Z-12-Pentacosene	350	C25H50	1000131-09-4	92
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	2.6	ng/ul	338908	4	17.22	2634880	20.0
Octadecanoic acid	19.37	4.0	ng/ul	421952	5	21.40	2092790	20.0
Fumaric acid, 2-c...	21.09	2.4	ng/ul	249030	5	21.40	2092790	20.0