LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013712.D
Acq On : 23 Jan 2018 01:58
Operator : SJ/JU
Sample : J1174-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A52

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-BM011018.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	3.157	26	29	35	rBV2	33442	42074	1.12%	0.111%
2	6.792	641	647	663	rVB	612947	1113971	29.53%	2.937%
3	6.951	669	674	684	rVB	459936	715998	18.98%	1.888%
4	7.145	700	707	716	rBV	670075	1064453	28.22%	2.807%
5	7.610	779	786	794	rBV	506152	806368	21.38%	2.126%
6	8.322	900	907	918	rBV	781697	1290828	34.22%	3.403%
7	8.763	974	982	990	rBV	642647	1062189	28.16%	2.801%
8	9.169	1046	1051	1057	rVB2	28099	41064	1.09%	0.108%
9	9.481	1097	1104	1112	rBV	531482	891545	23.64%	2.351%
10	10.016	1188	1195	1208	rBV	757672	1331899	35.31%	3.512%
11	10.386	1251	1258	1264	rBV	644222	1071137	28.40%	2.824%
12	10.533	1275	1283	1305	rVB	694906	1265185	33.54%	3.336%
13	13.674	1811	1817	1822	rBV	1322046	1868063	49.53%	4.925%
14	13.727	1822	1826	1835	rVB	332990	489734	12.98%	1.291%
15	13.951	1855	1864	1878	rBV	1543186	2284897	60.58%	6.024%
16	14.168	1894	1901	1905	rBV2	52574	70841	1.88%	0.187%
17	14.263	1910	1917	1926	rVB2	855103	1355863	35.95%	3.575%
18	14.486	1949	1955	1971	rBV	364043	730021	19.35%	1.925%
19	15.121	2059	2063	2069	rVB	62901	83842	2.22%	0.221%
20	15.257	2080	2086	2092	rBV	1908616	2668172	70.74%	7.035%
21	15.398	2104	2110	2120	rBV	363011	574319	15.23%	1.514%
22	15.504	2123	2128	2130	rBV4	26222	40146	1.06%	0.106%
23	15.986	2206	2210	2218	rBV	55684	89961	2.39%	0.237%
24	17.015	2378	2385	2391	rBV2	1160615	1680525	44.56%	4.431%
25	17.109	2395	2401	2412	rVB	2066044	2924844	77.55%	7.712%
26	17.915	2534	2538	2546	rBV	220777	353275	9.37%	0.931%
27	19.056	2728	2732	2735	rBV3	47533	65449	1.74%	0.173%
28	19.086	2735	2737	2745	rVB9	31037	43299	1.15%	0.114%
29	19.209	2753	2758	2766	rBV3	156343	247501	6.56%	0.653%
30	19.415	2787	2793	2799	rBV	2508468	3375328	89.49%	8.900%
31	19.474	2799	2803	2807	rVB4	41034	51510	1.37%	0.136%
32	20.333	2945	2949	2951	rBV5	38649	54270	1.44%	0.143%
33	20.933	3047	3051	3061	rVB4	177164	274394	7.27%	0.723%
34	21.209	3093	3098	3107	rBV	1621150	2101368	55.71%	5.541%

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	23.274	3442	3449	3459	rVB2	2019417	3771773	100.00%	9.945%
36	23.409	3466	3472	3484	rVB	1089704	2030991	53.85%	5.355%

Sum of corrected areas: 37927097

LSC Report - Integrated Chromatogram

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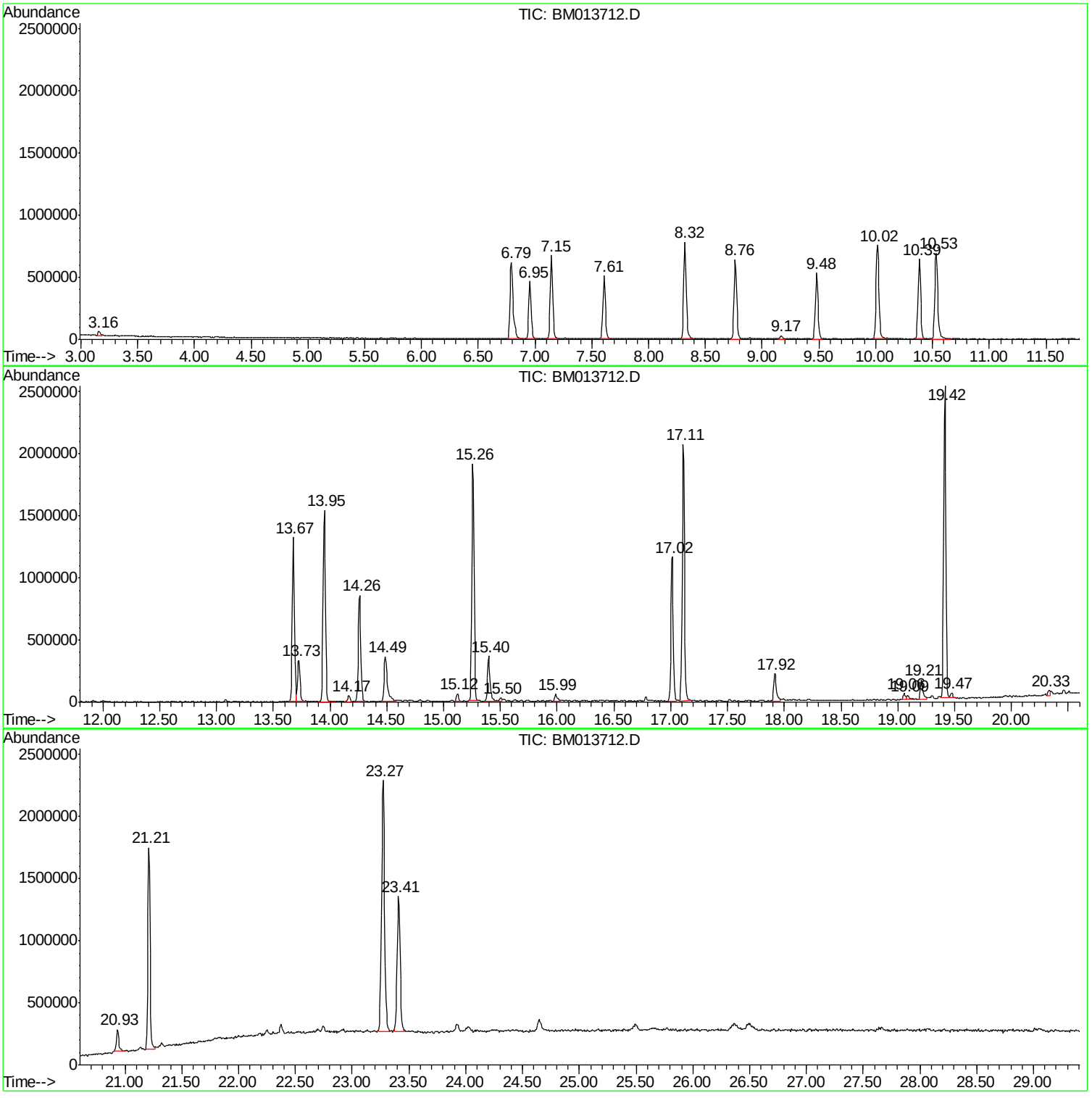
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A52

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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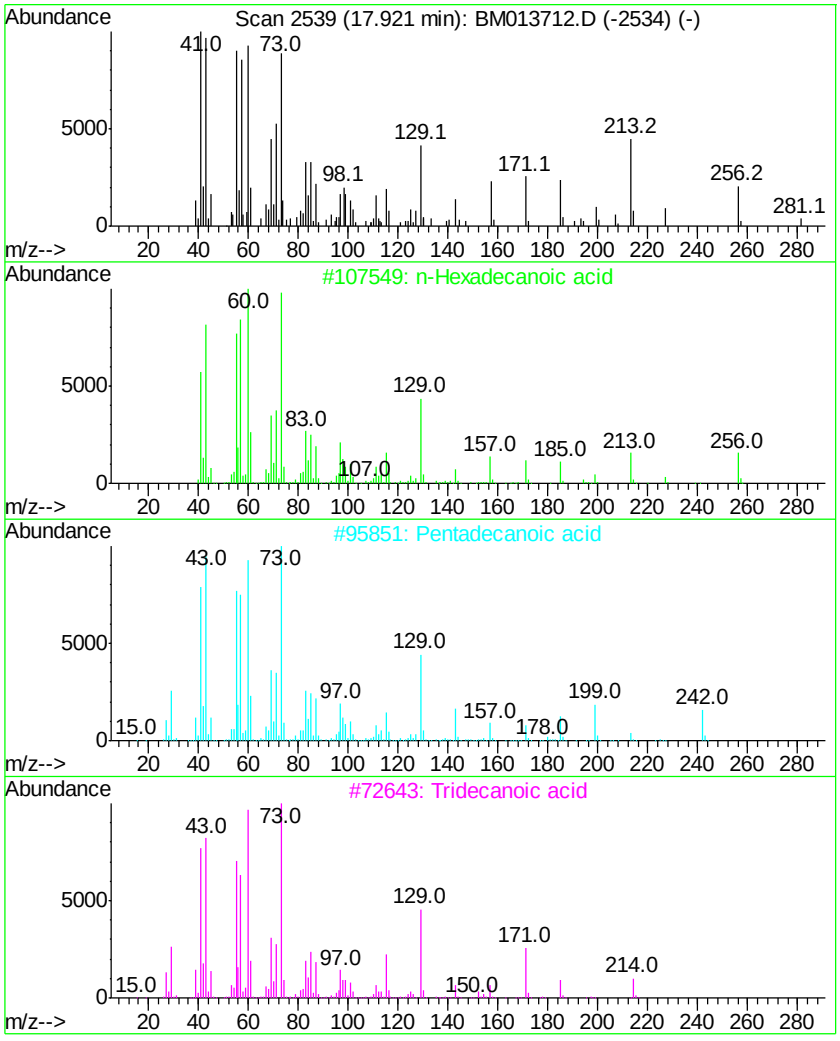
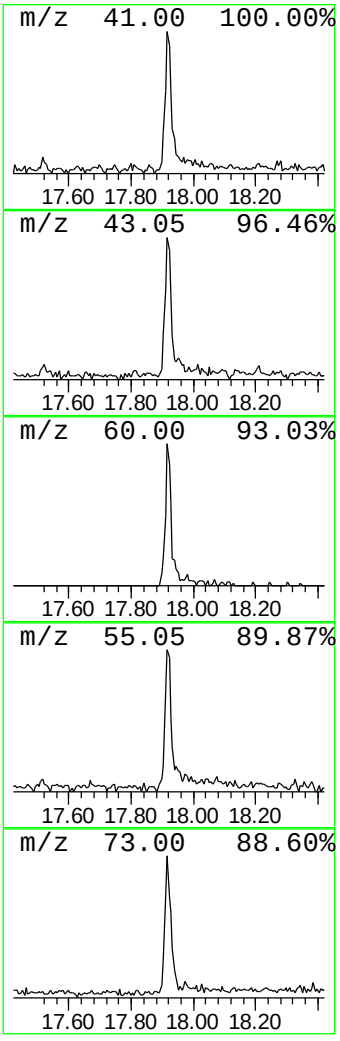
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.20 ng/ul	353275	Phenanthrene-d10	17.01

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	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument : BNA_M
ClientSampleId : F6A52

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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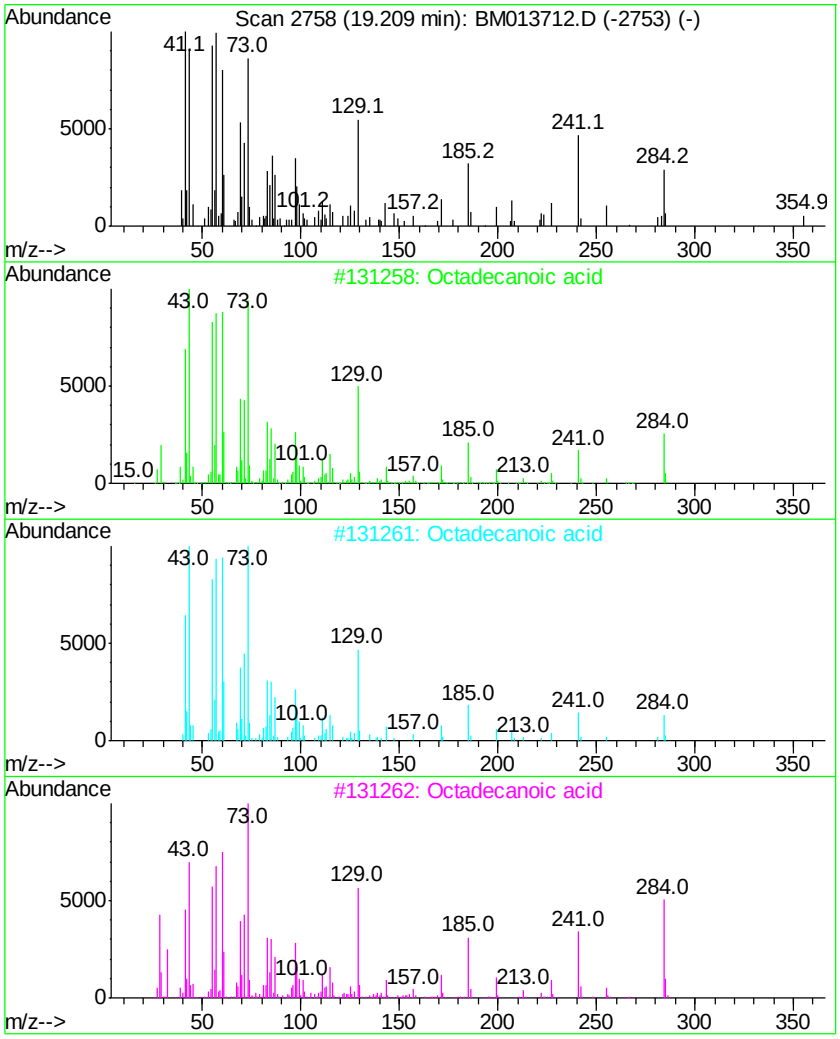
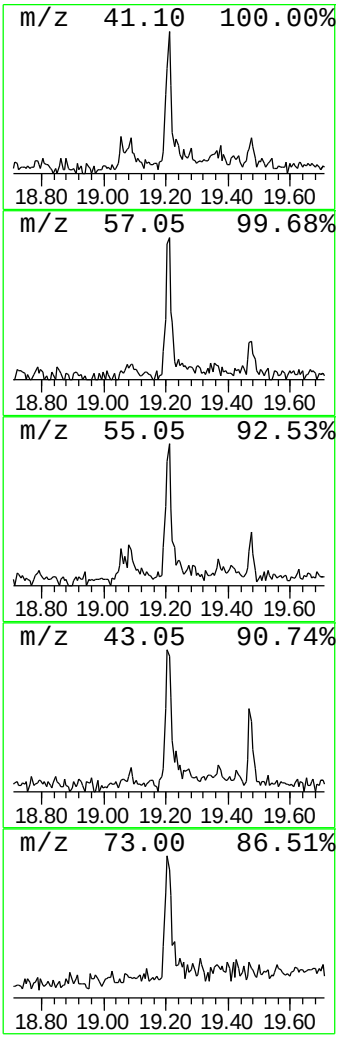
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.36 ng/ul	247501	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Instrument : BNA_M
ClientSampleId : F6A52

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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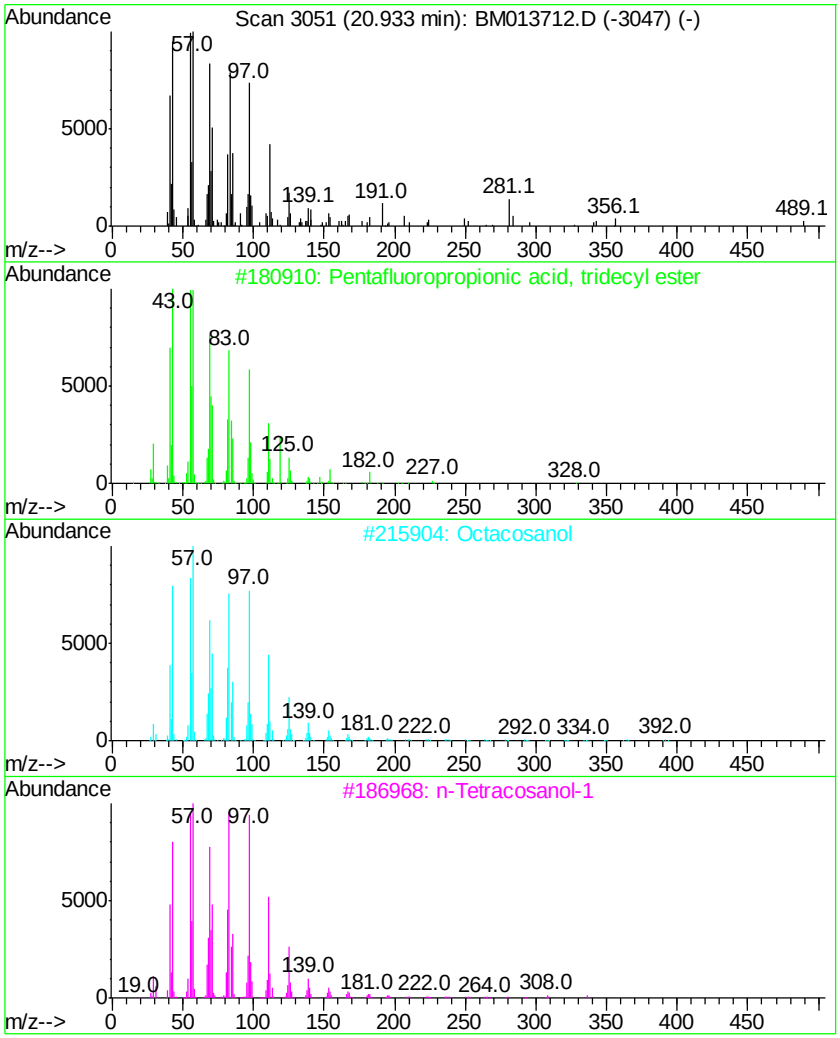
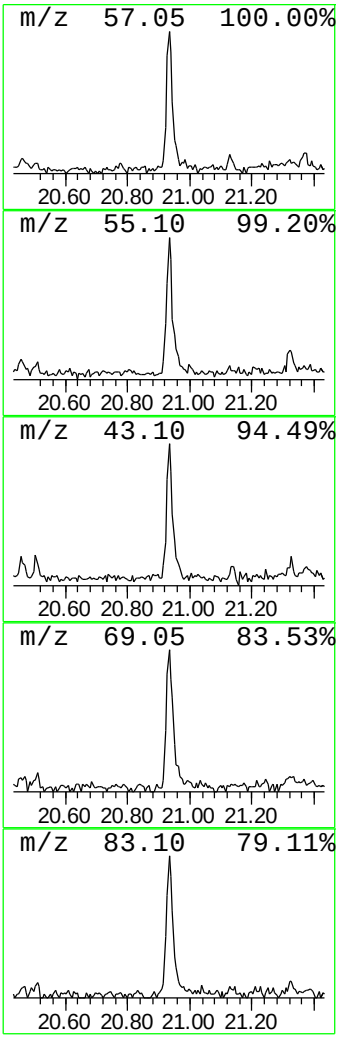
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.61 ng/ul	274394	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	87
2	Octacosanol	410	C28H58O	000557-61-9	70
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	62





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA 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 acid	17.92	4.2	ng/ul	353275	4	17.01	1680530	20.0
Octadecanoic acid	19.21	2.4	ng/ul	247501	5	21.21	2101370	20.0
Pentafluoropropio...	20.93	2.6	ng/ul	274394	5	21.21	2101370	20.0