LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL9

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	3.163	27	30	36	rVB4	24998	46113	1.85%	0.162%
2	6.798	641	648	659	rBV2	378560	714235	28.71%	2.511%
3	6.963	669	676	685	rBV	286528	448031	18.01%	1.575%
4	7.151	701	708	718	rBV	393405	631424	25.38%	2.220%
5	7.616	779	787	794	rBV	520062	822516	33.07%	2.892%
6	8.328	902	908	917	rBV	456267	763709	30.70%	2.685%
7	8.775	976	984	994	rBV	373187	634606	25.51%	2.231%
8	9.492	1099	1106	1115	rBV2	297266	534173	21.47%	1.878%
9	10.028	1190	1197	1214	rBV	432806	805062	32.36%	2.830%
10	10.392	1250	1259	1269	rBV	667449	1087266	43.71%	3.823%
11	10.539	1277	1284	1296	rBV	402319	754957	30.35%	2.654%
12	13.686	1812	1819	1823	rBV	856864	1198598	48.18%	4.214%
13	13.733	1823	1827	1835	rVB	208522	305926	12.30%	1.076%
14	13.957	1856	1865	1872	rBV	959010	1411550	56.74%	4.963%
15	14.174	1898	1902	1907	rVB2	29851	43294	1.74%	0.152%
16	14.268	1912	1918	1928	rVV2	897555	1369372	55.05%	4.814%
17	14.492	1951	1956	1966	rBV2	252990	485945	19.54%	1.708%
18	15.080	2050	2056	2059	rBV2	20629	30432	1.22%	0.107%
19	15.133	2061	2065	2069	rVB2	32838	43205	1.74%	0.152%
20	15.262	2081	2087	2095	rBV	1163064	1702279	68.43%	5.985%
21	15.404	2105	2111	2123	rBV	276217	443102	17.81%	1.558%
22	15.992	2207	2211	2221	rBV4	33736	59742	2.40%	0.210%
23	16.786	2343	2346	2350	rBV4	23560	33501	1.35%	0.118%
24	17.021	2380	2386	2392	rBV2	1224384	1697517	68.24%	5.968%
25	17.121	2397	2403	2410	rBV2	1252533	1852356	74.46%	6.512%
26	17.927	2535	2540	2551	rBV2	233448	348501	14.01%	1.225%
27	19.068	2729	2734	2737	rBV6	32835	58258	2.34%	0.205%
28	19.215	2755	2759	2764	rBV3	119704	183325	7.37%	0.645%
29	19.421	2788	2794	2801	rVV	1717831	2222109	89.33%	7.812%
30	20.362	2946	2954	2967	rBV	524198	778898	31.31%	2.738%
31	20.939	3048	3052	3058	rVB	282901	342717	13.78%	1.205%
32	21.215	3094	3099	3107	rBV	1604627	2073769	83.37%	7.291%
33	23.280	3444	3450	3460	rVB2	1286577	2487558	100.00%	8.746%
34	23.415	3467	3473	3483	rVB	1077294	2029539	81.59%	7.135%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJL9

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

Sum of corrected areas: 28443585

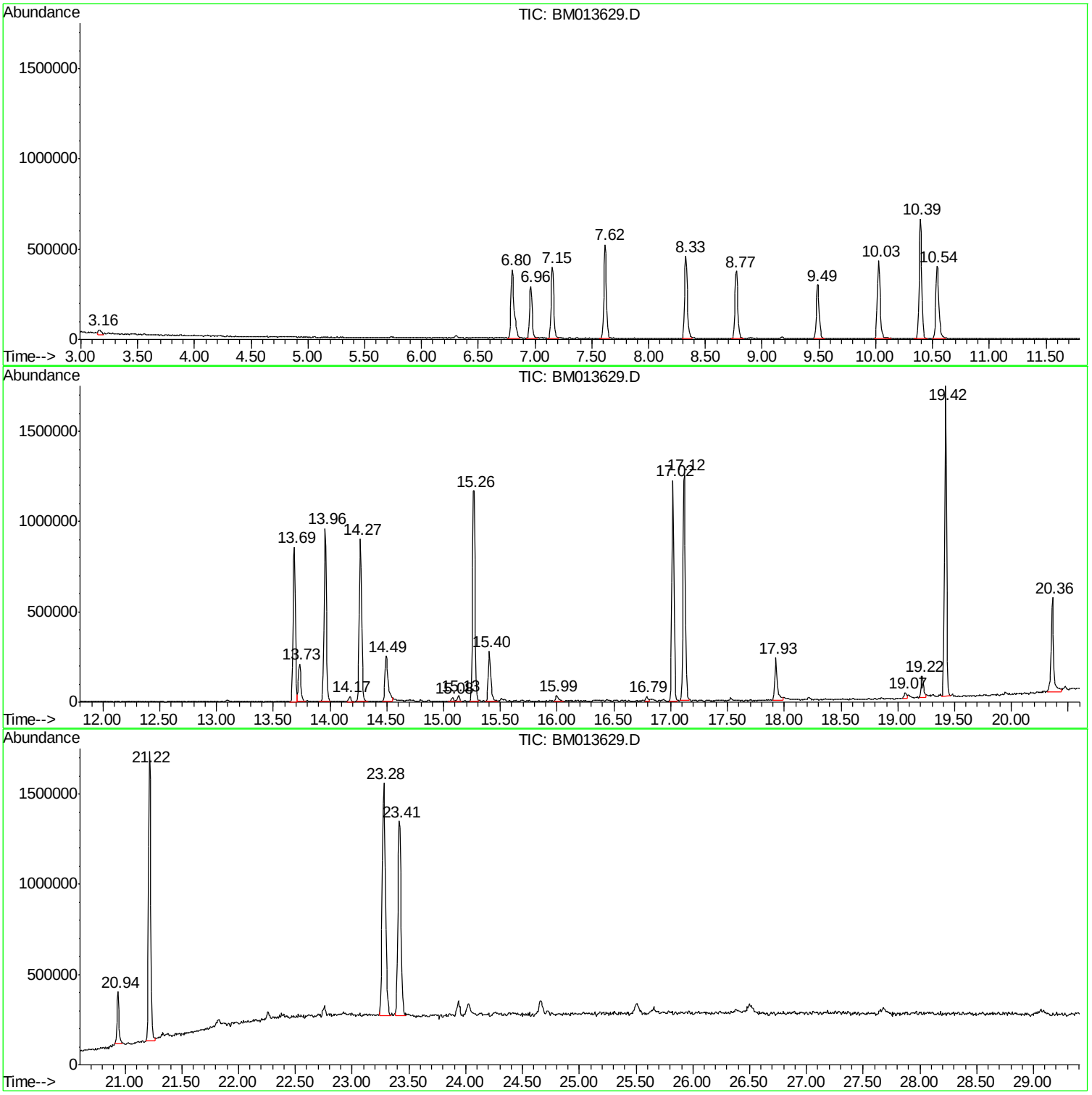
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJL9

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL9

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

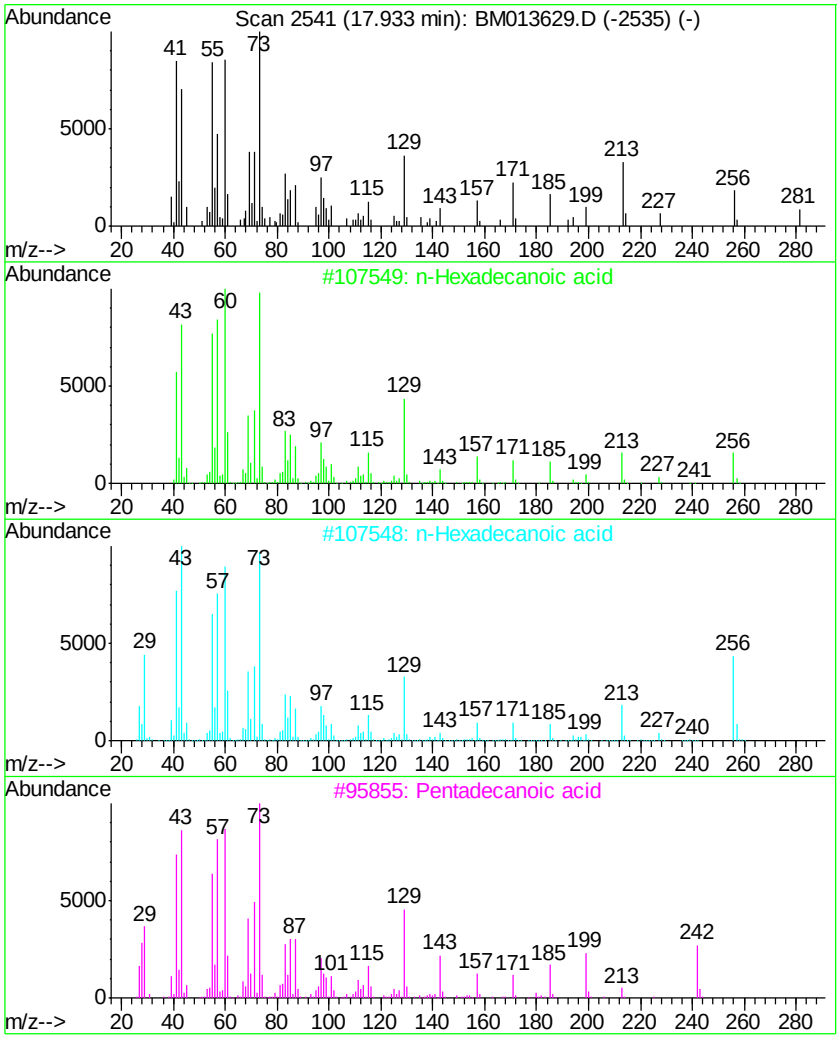
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

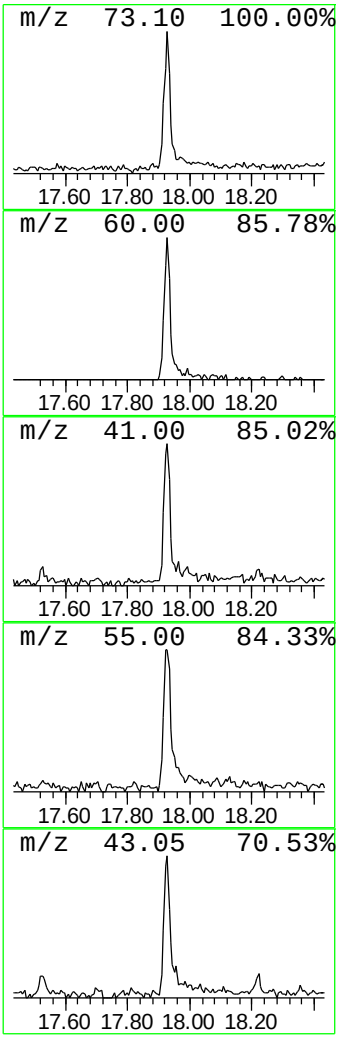
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.11 ng/ul	348501	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL9

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

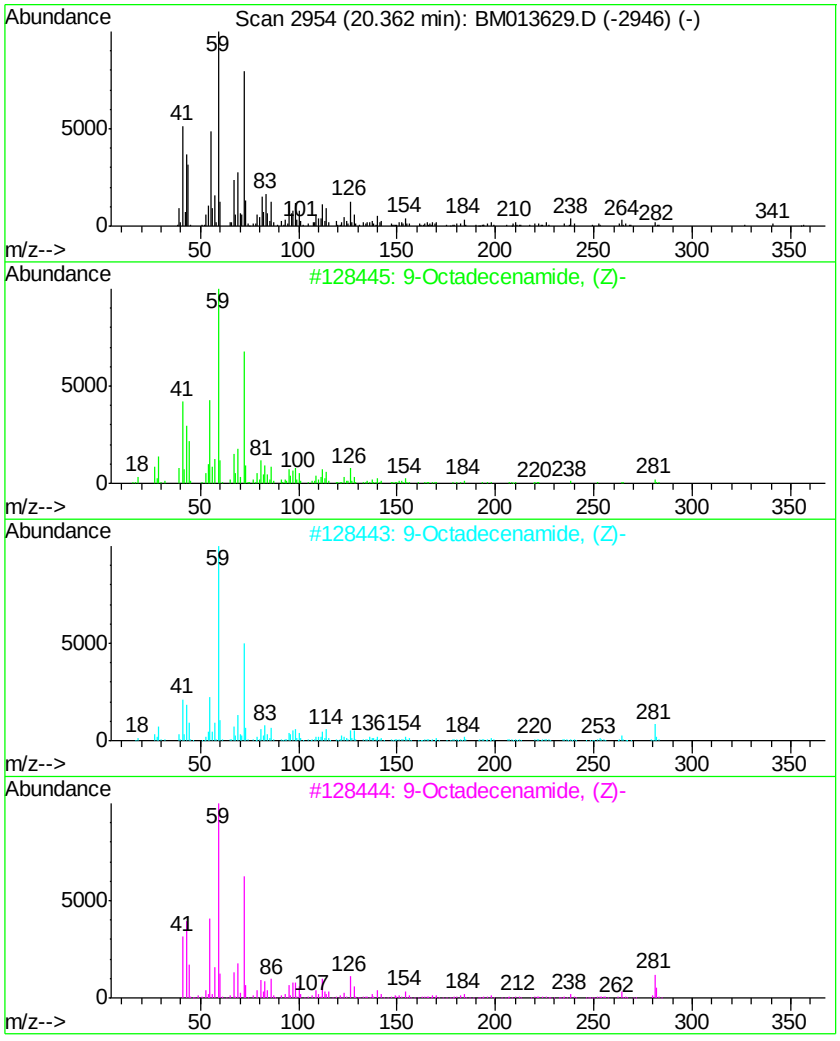
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

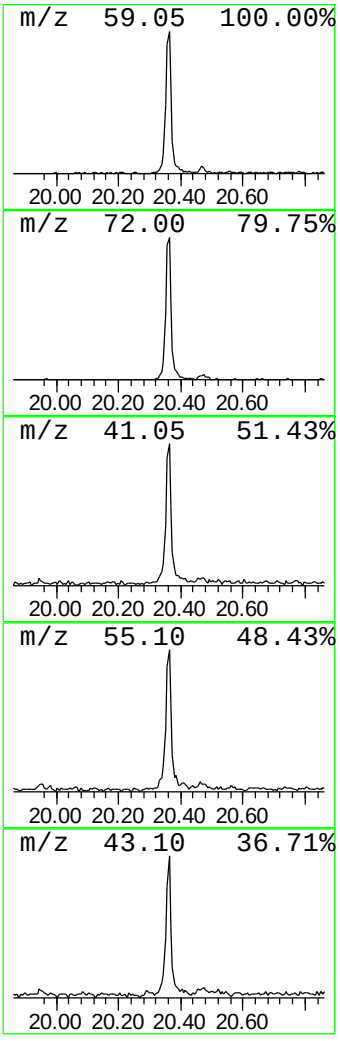
****

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	7.51 ng/ul	778898	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	68
4	Decanamide-	171	C10H21NO	002319-29-1	59
5	Octadecanamide	283	C18H37NO	000124-26-5	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL9

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

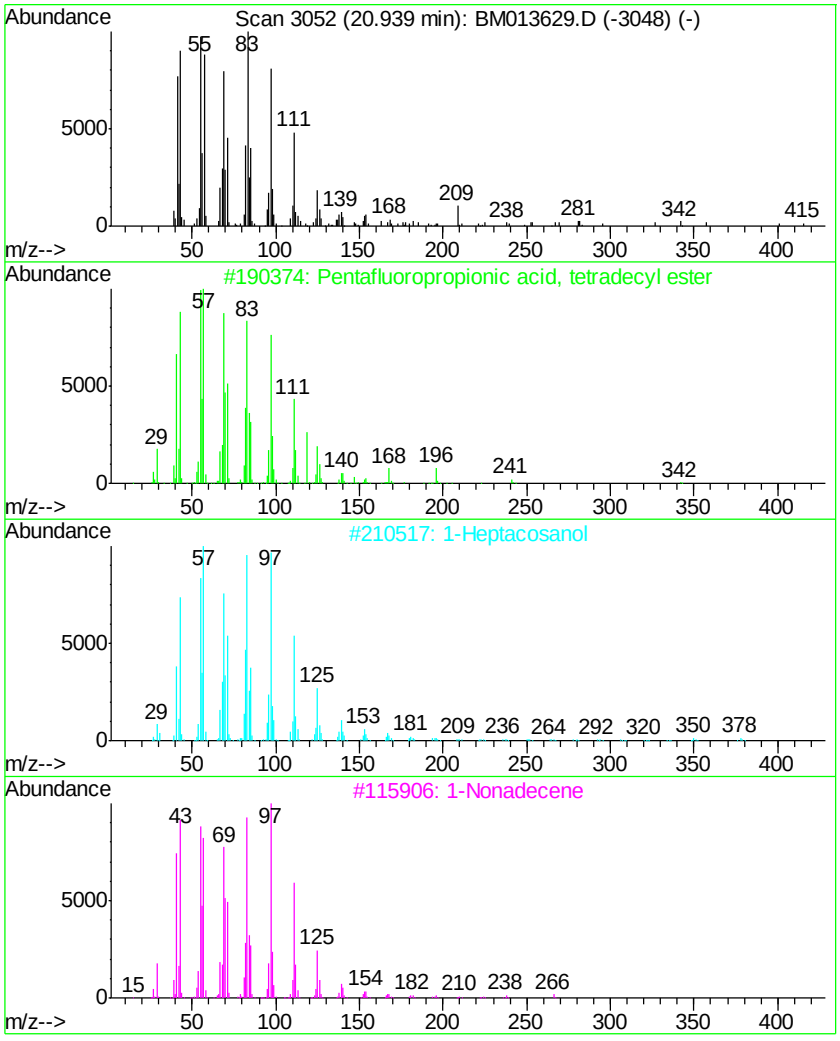
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

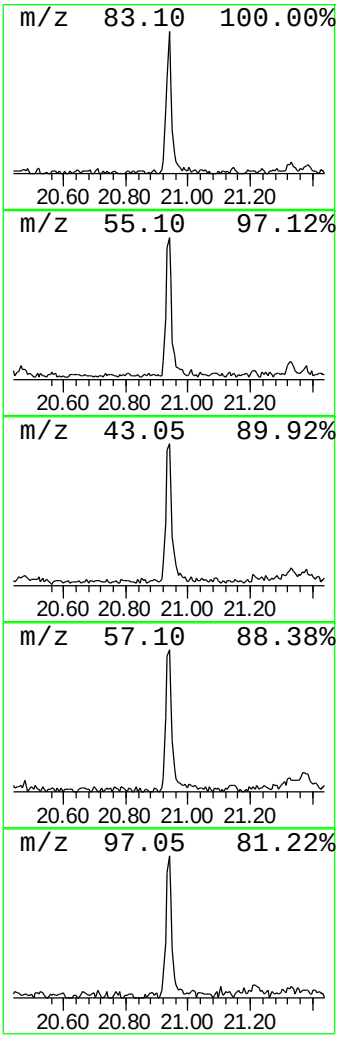
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.31 ng/ul	342717	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	86
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013629.D
Acq On : 16 Jan 2018 18:50
Operator : SJ/JU
Sample : J1080-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJL9

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	17.93	4.1	ng/ul	348501	4	17.02	1697520	20.0
9-Octadecenamide,...	20.36	7.5	ng/ul	778898	5	21.22	2073770	20.0
Pentafluoropropio...	20.94	3.3	ng/ul	342717	5	21.22	2073770	20.0