LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013863.D
Acq On : 27 Jan 2018 02:37
Operator : SJ/JU
Sample : J1244-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B59

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	3.146	24	27	31	rBV	33667	39380	1.28%	0.119%
2	6.775	638	644	656	rVB2	546301	1037253	33.82%	3.129%
3	6.934	665	671	681	rBV	435673	659164	21.49%	1.988%
4	7.122	697	703	717	rVB	647260	999934	32.60%	3.016%
5	7.586	775	782	792	rBV	548617	869262	28.34%	2.622%
6	8.298	895	903	914	rBV	674636	1129501	36.82%	3.407%
7	8.739	972	978	990	rBV	560709	958094	31.24%	2.890%
8	9.457	1091	1100	1111	rBV	492313	839676	27.38%	2.533%
9	9.992	1184	1191	1204	rBV	654161	1199630	39.11%	3.619%
10	10.357	1245	1253	1259	rBV	662272	1086694	35.43%	3.278%
11	10.410	1259	1262	1269	rVB5	29375	41803	1.36%	0.126%
12	10.510	1271	1279	1289	rBV	527978	1042698	33.99%	3.145%
13	13.657	1807	1814	1819	rBV	1095267	1566767	51.08%	4.726%
14	13.704	1819	1822	1829	rVB	258891	375858	12.25%	1.134%
15	13.927	1852	1860	1868	rBV	1274315	1906040	62.14%	5.749%
16	14.145	1892	1897	1901	rBV2	32237	43362	1.41%	0.131%
17	14.239	1906	1913	1921	rVV3	825719	1296926	42.28%	3.912%
18	14.480	1945	1954	1965	rBV	243137	574531	18.73%	1.733%
19	15.098	2054	2059	2066	rVB2	37863	51781	1.69%	0.156%
20	15.239	2076	2083	2091	rBV	1563217	2224967	72.54%	6.711%
21	15.380	2102	2107	2118	rBV2	352457	577503	18.83%	1.742%
22	15.486	2121	2125	2132	rVB6	22203	45005	1.47%	0.136%
23	15.609	2141	2146	2151	rBV3	23872	36745	1.20%	0.111%
24	15.968	2203	2207	2209	rBV4	26393	35157	1.15%	0.106%
25	16.992	2375	2381	2387	rBV	1122972	1542131	50.28%	4.652%
26	17.092	2392	2398	2406	rVV	1655939	2348387	76.56%	7.084%
27	17.898	2530	2535	2543	rBV2	218128	333633	10.88%	1.006%
28	19.033	2726	2728	2731	rBV4	20816	31099	1.01%	0.094%
29	19.062	2731	2733	2738	rVB6	21037	32386	1.06%	0.098%
30	19.186	2749	2754	2761	rBV4	108468	171256	5.58%	0.517%
31	19.392	2783	2789	2798	rBV	1954234	2766528	90.20%	8.345%
32	20.909	3043	3047	3056	rBV2	309133	498910	16.27%	1.505%
33	21.191	3090	3095	3104	rBV	1402913	1907689	62.20%	5.754%
34	23.238	3437	3443	3453	rVB2	1652990	3067218	100.00%	9.252%

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35	23.380	3461	3467	3476	rVB	970114	1814923	59.17%	5.475%

Sum of corrected areas: 33151891

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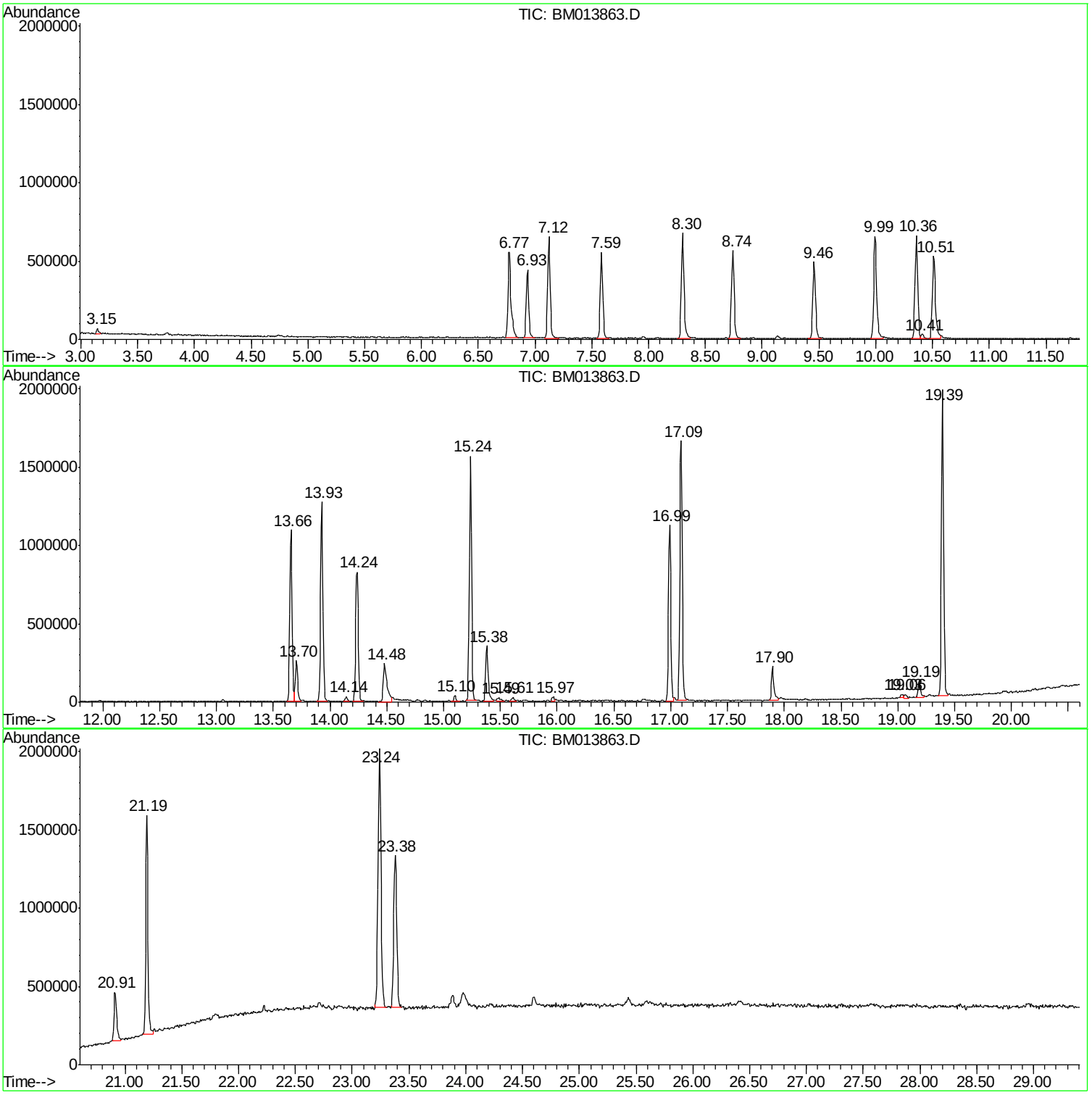
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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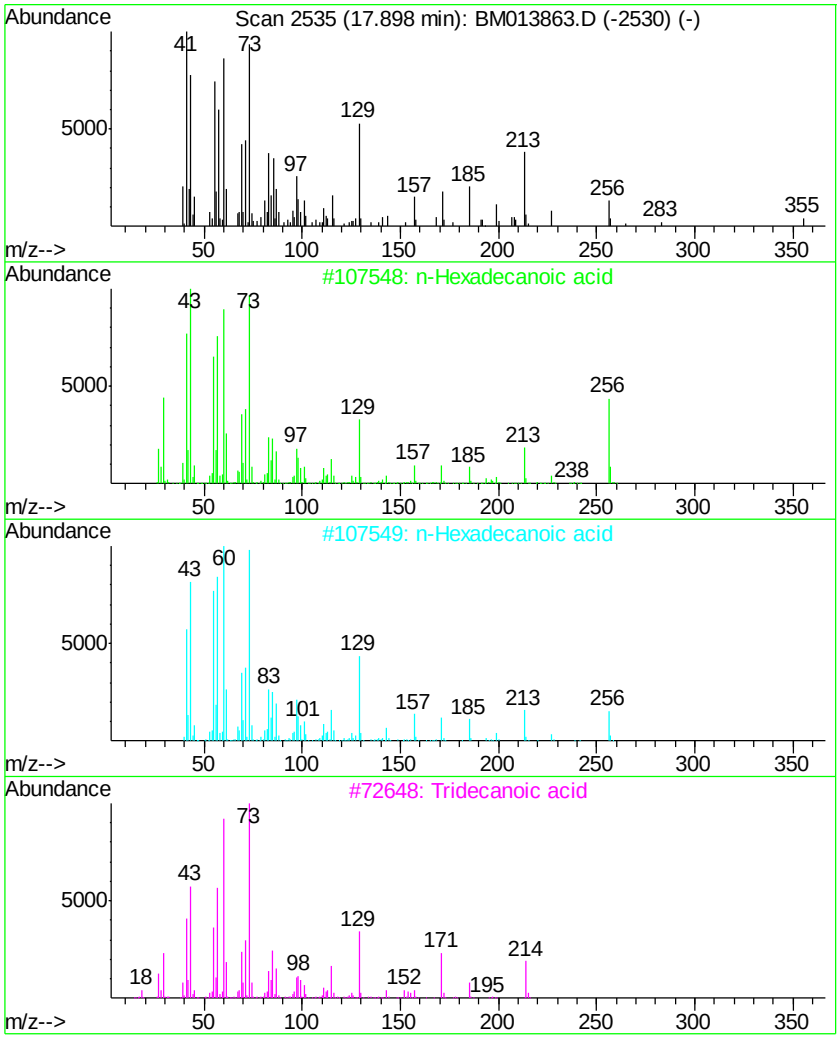
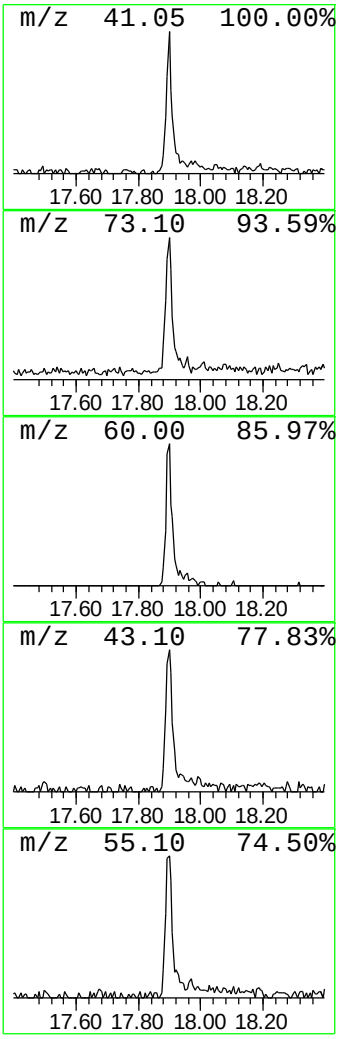
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	4.33 ng/ul	333633	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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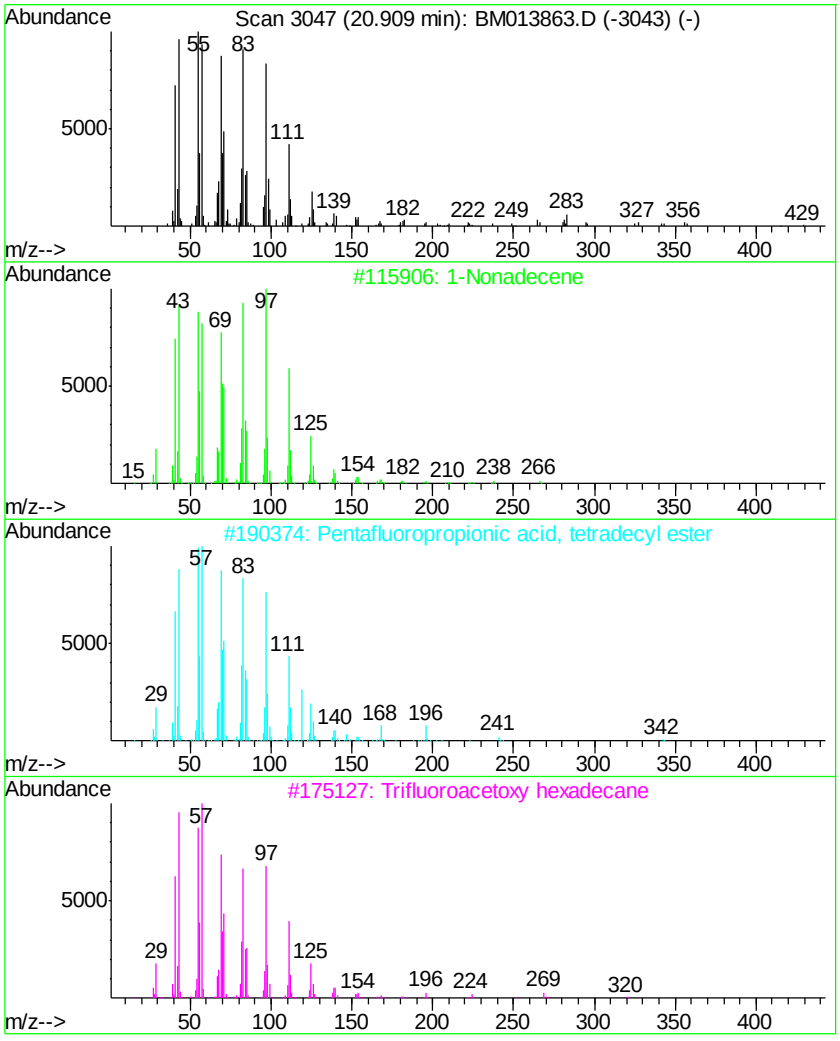
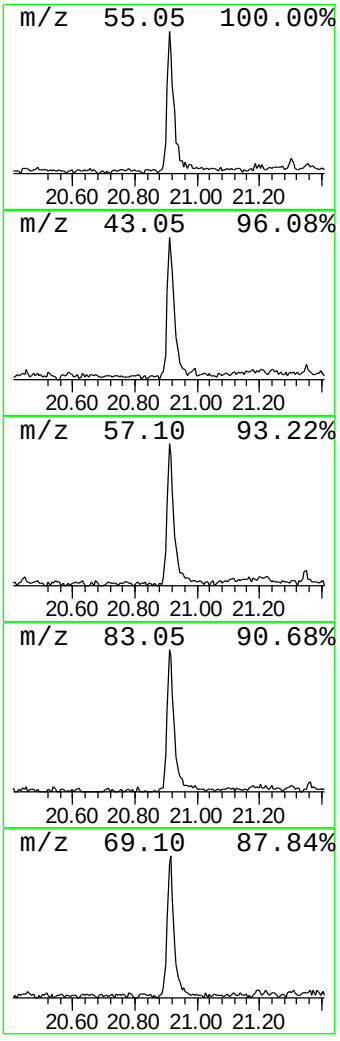
Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.23 ng/ul	498910	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94





Tentatively Identified Compound (LSC) summary

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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	17.90	4.3	ng/ul	333633	4	16.99	1542130	20.0
(DEL) Alkane: Cyc...	20.91	5.2	ng/ul	498910	5	21.19	1907690	20.0