LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013723.D
Acq On : 23 Jan 2018 09:06
Operator : SJ/JU
Sample : J1174-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A54

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	33	rBV	54875	62007	1.13%	0.110%
2	6.792	640	647	661	rVB	964325	1753754	31.86%	3.111%
3	6.951	668	674	686	rVB	732487	1110051	20.17%	1.969%
4	7.139	700	706	720	rBV	1051083	1660674	30.17%	2.946%
5	7.604	776	785	793	rBV	674465	1091001	19.82%	1.936%
6	8.316	900	906	919	rBV	1205398	2015281	36.61%	3.575%
7	8.763	975	982	996	rBV	1036511	1658159	30.12%	2.942%
8	9.480	1096	1104	1117	rBV	848413	1439518	26.15%	2.554%
9	10.010	1187	1194	1209	rBV	1197491	2101339	38.17%	3.728%
10	10.380	1250	1257	1265	rBV	867767	1436726	26.10%	2.549%
11	10.533	1274	1283	1302	rBV	1058471	1949612	35.42%	3.459%
12	13.674	1811	1817	1822	rBV	1999808	2878100	52.29%	5.106%
13	13.721	1822	1825	1832	rVB	639798	882679	16.04%	1.566%
14	13.951	1853	1864	1872	rBV	2324586	3532356	64.17%	6.267%
15	14.168	1894	1901	1906	rBV2	75087	106923	1.94%	0.190%
16	14.257	1909	1916	1923	rBV2	1133938	1779221	32.32%	3.157%
17	14.486	1949	1955	1971	rBV	654870	1165523	21.17%	2.068%
18	15.121	2057	2063	2067	rVB	95254	120960	2.20%	0.215%
19	15.257	2077	2086	2093	rBV	2945188	4079358	74.11%	7.238%
20	15.392	2103	2109	2122	rBV	673793	1051347	19.10%	1.865%
21	15.498	2122	2127	2130	rBV4	40264	68263	1.24%	0.121%
22	15.986	2205	2210	2218	rBV2	84759	181917	3.30%	0.323%
23	17.009	2378	2384	2390	rBV2	1507314	2171043	39.44%	3.852%
24	17.051	2390	2391	2395	rVV2	65360	69817	1.27%	0.124%
25	17.109	2395	2401	2412	rVB	3098493	4420065	80.30%	7.842%
26	17.921	2531	2539	2547	rBV	271217	439241	7.98%	0.779%
27	17.986	2547	2550	2557	rVB	93994	127234	2.31%	0.226%
28	19.050	2727	2731	2733	rBV	49703	61785	1.12%	0.110%
29	19.080	2733	2736	2740	rVB3	49953	71070	1.29%	0.126%
30	19.203	2752	2757	2765	rBV5	130373	221490	4.02%	0.393%
31	19.415	2787	2793	2802	rBV	3917175	5279802	95.92%	9.367%
32	20.933	3045	3051	3059	rBV2	386597	596662	10.84%	1.059%
33	21.209	3093	3098	3104	rBV	2041501	2673226	48.56%	4.743%
34	23.274	3442	3449	3458	rVB	3123990	5504504	100.00%	9.766%

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35	23.409	3466	3472	3484	rVB	1411931	2603121	47.29%	4.618%

Sum of corrected areas: 56363829

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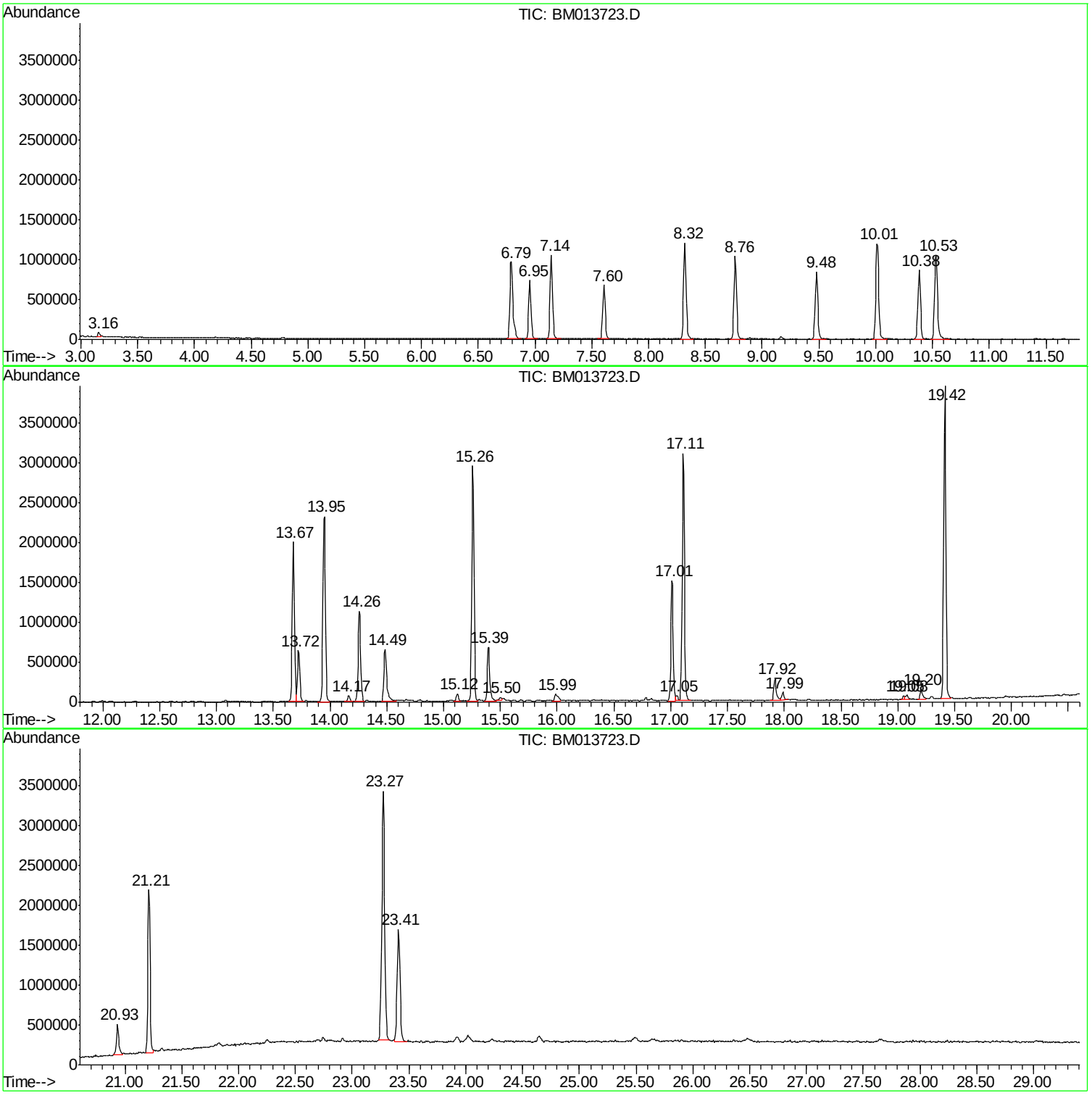
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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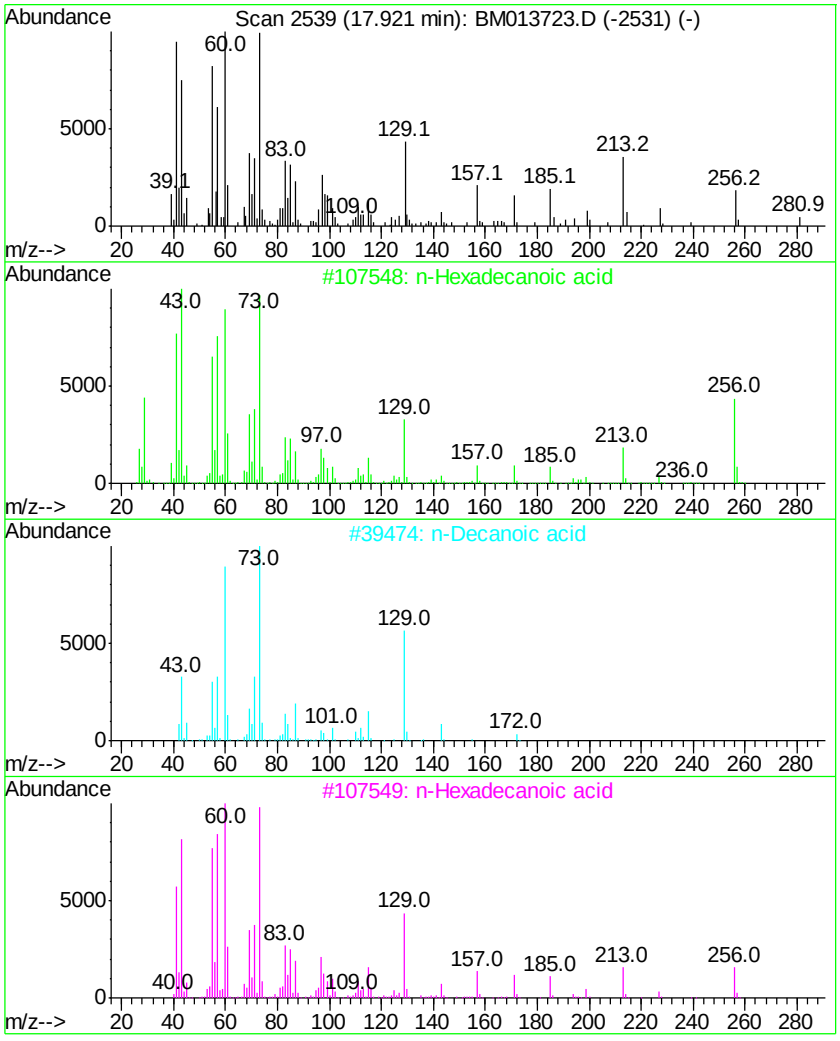
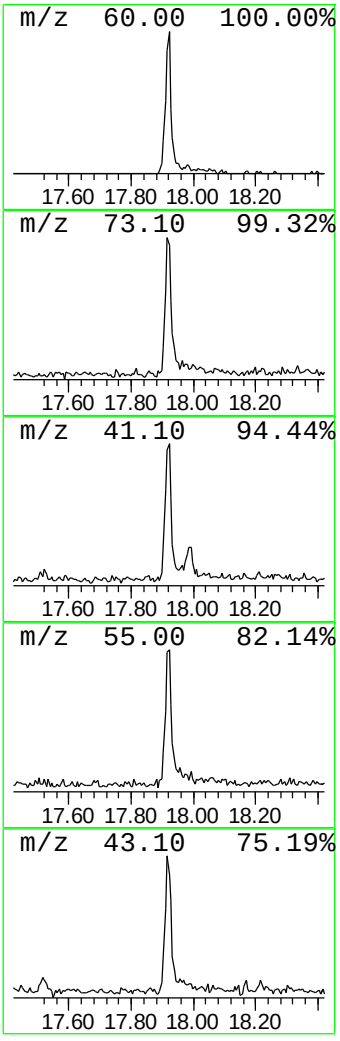
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.05 ng/ul	439241	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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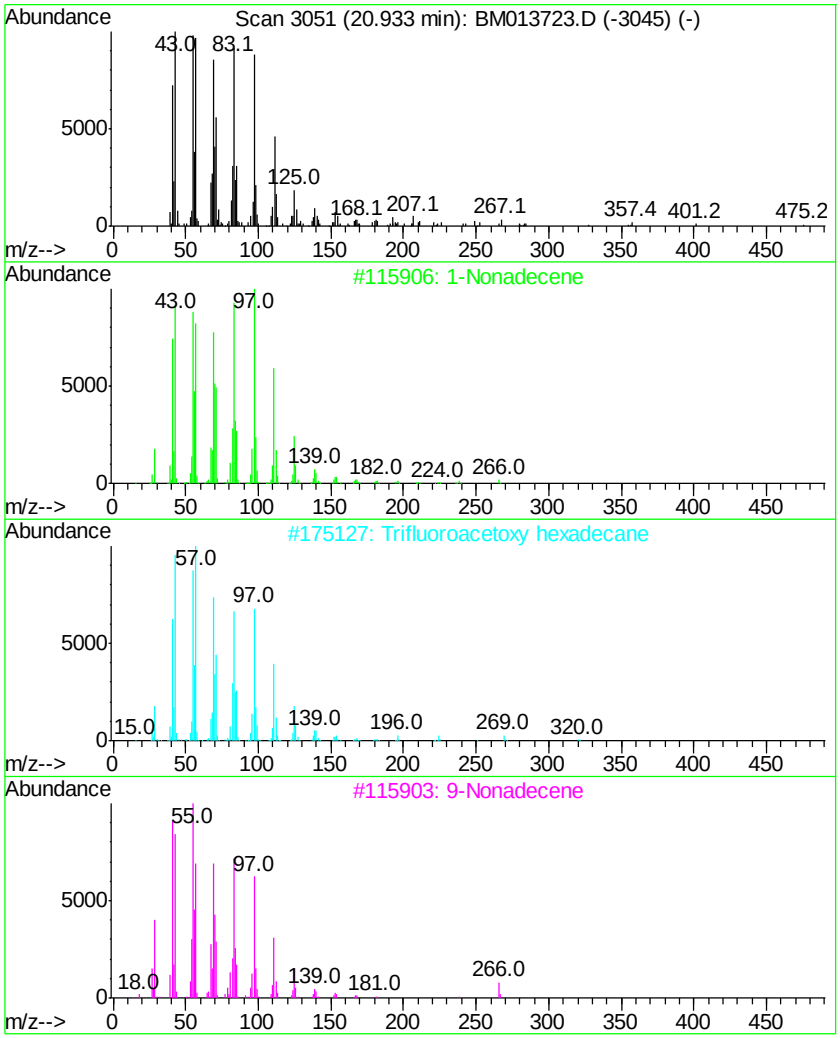
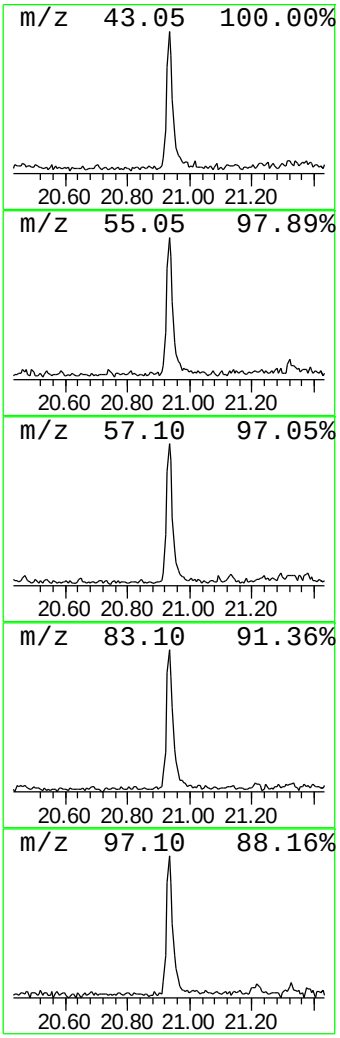
Peak Number 2 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.46 ng/ul	596662	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	9-Nonadecene	266	C19H38	031035-07-1	93
4	Cycloeicosane	280	C20H40	000296-56-0	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





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	17.92	4.0	ng/ul	439241	4	17.01	2171040	20.0
(DEL) Alkane: Cyc...	20.93	4.5	ng/ul	596662	5	21.21	2673230	20.0