LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012717\
Data File : BM008908.D
Acq On : 27 Jan 2017 19:13
Operator : SJ/MA
Sample : I1506-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9RA5

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\SOM02.2-EPA-BM012317.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	3.352	125	130	139	rBV3	78684	121514	5.73%	0.549%
2	7.075	755	763	774	rVB4	106807	211726	9.98%	0.956%
3	7.251	787	793	802	rVB	318090	485136	22.87%	2.191%
4	7.451	821	827	835	rBV2	401067	622900	29.36%	2.813%
5	7.922	900	907	914	rVB	375349	626985	29.55%	2.831%
6	8.616	1018	1025	1036	rVB2	237162	385786	18.18%	1.742%
7	9.087	1097	1105	1115	rBV	510179	847725	39.96%	3.828%
8	9.810	1220	1228	1238	rBV	451391	752543	35.47%	3.398%
9	10.339	1311	1318	1325	rBV	551538	879435	41.45%	3.971%
10	10.728	1376	1384	1392	rBV	439489	747395	35.23%	3.375%
11	11.539	1517	1522	1528	rBV3	28357	44529	2.10%	0.201%
12	13.969	1928	1935	1940	rBV	914842	1297500	61.16%	5.859%
13	14.010	1940	1942	1949	rVB3	30115	39057	1.84%	0.176%
14	14.257	1977	1984	1991	rBV	850398	1248258	58.83%	5.637%
15	14.563	2030	2036	2042	rBV2	609985	893455	42.11%	4.035%
16	14.739	2062	2066	2075	rBV2	99278	150660	7.10%	0.680%
17	15.345	2165	2169	2173	rBV2	19083	27090	1.28%	0.122%
18	15.392	2173	2177	2181	rVB2	19501	22506	1.06%	0.102%
19	15.551	2198	2204	2210	rBV	1158287	1637768	77.19%	7.396%
20	15.663	2218	2223	2231	rVV	536202	713934	33.65%	3.224%
21	15.792	2238	2245	2253	rVB6	20269	29087	1.37%	0.131%
22	16.251	2319	2323	2326	rBV	26043	31699	1.49%	0.143%
23	16.433	2349	2354	2361	rBV6	13944	27769	1.31%	0.125%
24	17.045	2454	2458	2461	rVB3	17250	21658	1.02%	0.098%
25	17.310	2497	2503	2509	rBV	745755	1078007	50.81%	4.868%
26	17.410	2512	2520	2525	rBV	1257547	1787824	84.27%	8.074%
27	18.174	2645	2650	2659	rBV	116386	172229	8.12%	0.778%
28	19.327	2844	2846	2854	rVB5	22347	29723	1.40%	0.134%
29	19.451	2863	2867	2877	rBV2	131864	179661	8.47%	0.811%
30	19.692	2903	2908	2916	rBV	1504581	2121651	100.00%	9.581%
31	21.162	3153	3158	3165	rBV10	63746	117214	5.52%	0.529%
32	21.474	3206	3211	3217	rBV	1050300	1340310	63.17%	6.053%
33	22.539	3390	3392	3395	rBV4	43250	38962	1.84%	0.176%
34	23.680	3579	3586	3595	rBV	999321	2033386	95.84%	9.183%

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35	23.833	3605	3612	3619	rBV2	626567	1256103	59.20%	5.672%
36	24.356	3699	3701	3708	rVB7	76787	122757	5.79%	0.554%

Sum of corrected areas: 22143942

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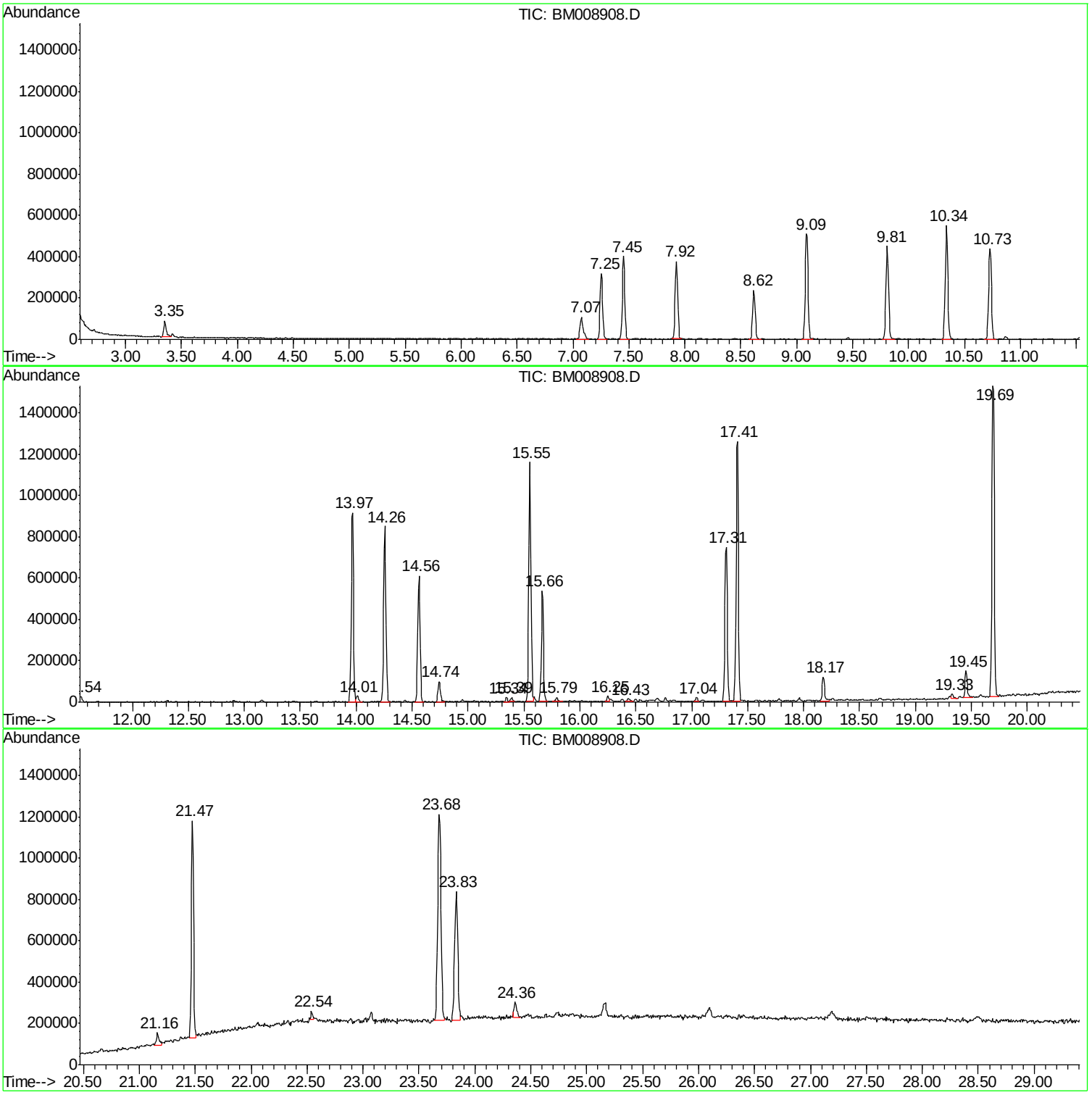
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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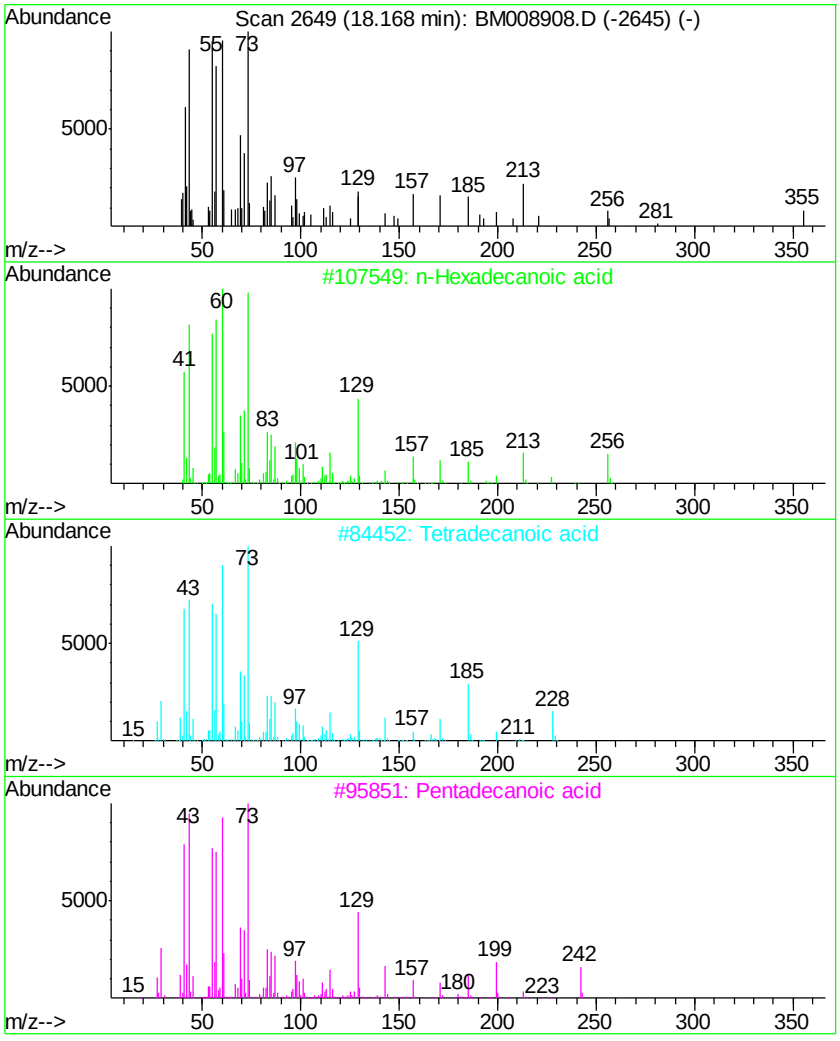
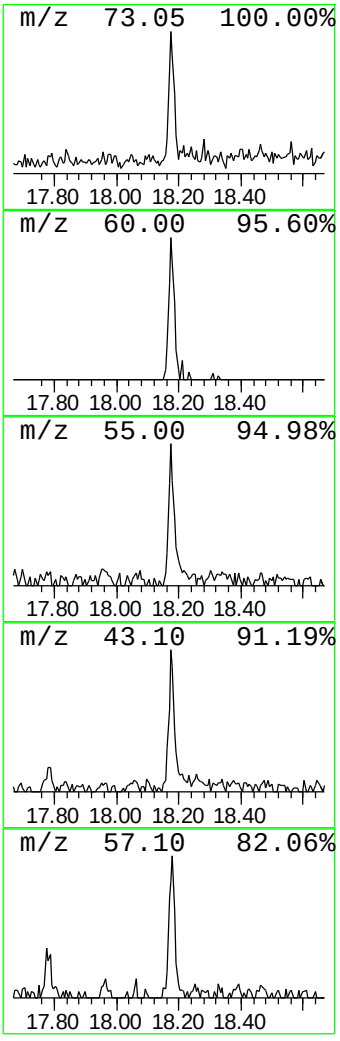
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.20 ng/ul	172229	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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Instrument : BNA_M
ClientSampleId : G9RA5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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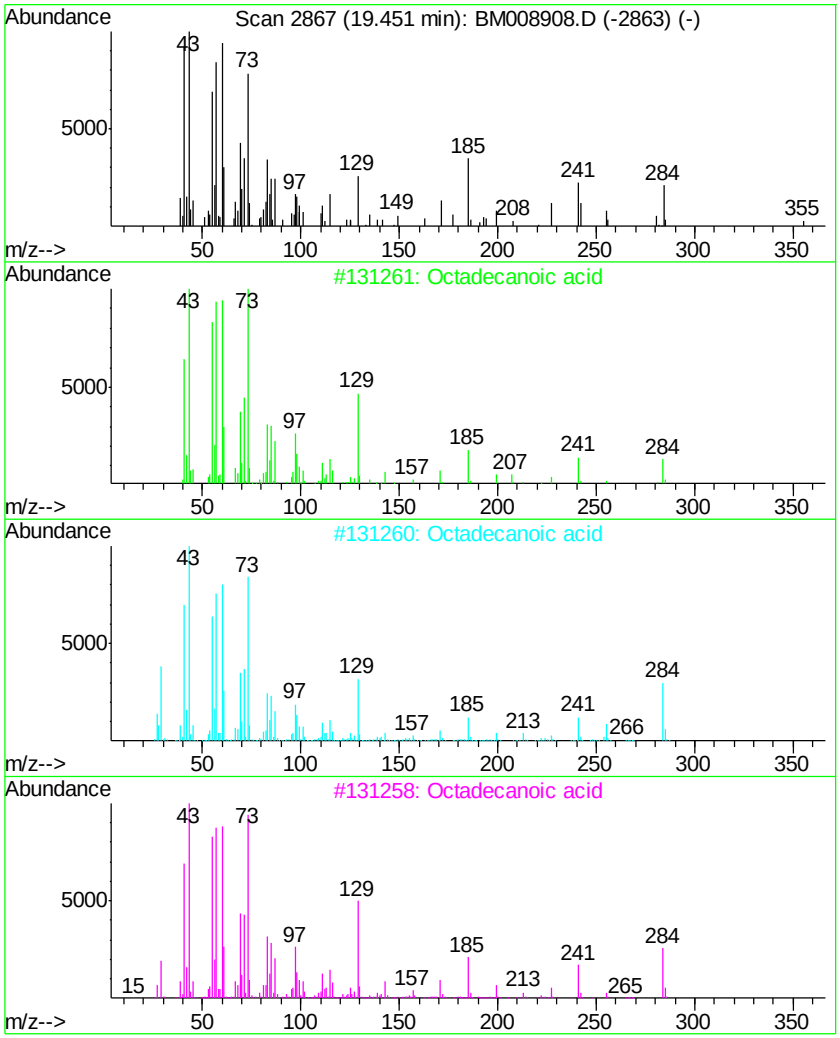
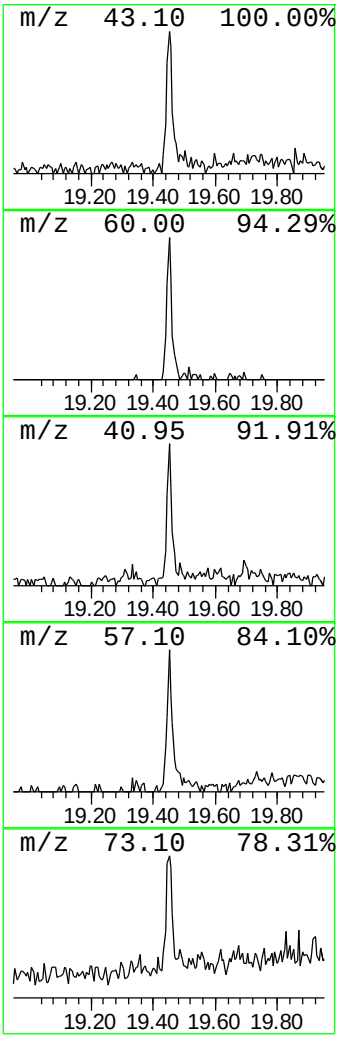
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.68 ng/ul	179661	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : G9RA5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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	18.17	3.2	ng/ul	172229	4	17.31	1078010	20.0
Octadecanoic acid	19.45	2.7	ng/ul	179661	5	21.47	1340310	20.0