LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012191.D
Acq On : 15 Oct 2017 03:43
Operator : SJ/JU
Sample : I5548-22 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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-BM101217.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	6.987	657	663	680	rBV	56065	123523	3.94%	0.672%
2	7.145	683	690	704	rBV2	45470	88772	2.83%	0.483%
3	7.345	718	724	733	rBV2	75850	138522	4.42%	0.754%
4	7.810	796	803	817	rBV	477869	844824	26.93%	4.598%
5	8.534	920	926	941	rVB	64280	139412	4.44%	0.759%
6	8.986	996	1003	1013	rBV2	59512	122321	3.90%	0.666%
7	9.710	1120	1126	1134	rBV2	53706	107115	3.42%	0.583%
8	10.257	1212	1219	1231	rBV3	61699	159839	5.10%	0.870%
9	10.616	1270	1280	1293	rBV	726702	1276525	40.70%	6.948%
10	10.786	1302	1309	1314	rBV3	13207	33349	1.06%	0.182%
11	13.868	1825	1833	1838	rBV	220123	322599	10.29%	1.756%
12	13.916	1838	1841	1853	rVB	83249	124133	3.96%	0.676%
13	14.157	1875	1882	1891	rBV	250577	386704	12.33%	2.105%
14	14.463	1928	1934	1943	rBV2	1203382	1904250	60.71%	10.365%
15	14.721	1973	1978	1985	rBV5	12707	35833	1.14%	0.195%
16	15.457	2097	2103	2109	rBV	348207	513460	16.37%	2.795%
17	15.610	2124	2129	2137	rBV3	23462	42526	1.36%	0.231%
18	17.209	2395	2401	2406	rBV2	1775044	2546581	81.19%	13.861%
19	17.251	2406	2408	2413	rVV	126933	161934	5.16%	0.881%
20	17.309	2413	2418	2430	rVB	392110	640313	20.41%	3.485%
21	18.086	2545	2550	2554	rBV2	221306	322501	10.28%	1.755%
22	18.286	2579	2584	2588	rBV4	35183	66564	2.12%	0.362%
23	18.380	2596	2600	2604	rBV6	32379	57137	1.82%	0.311%
24	18.586	2632	2635	2640	rBV4	23136	37974	1.21%	0.207%
25	18.945	2692	2696	2702	rBV	140834	199488	6.36%	1.086%
26	19.268	2747	2751	2758	rVB	334237	460172	14.67%	2.505%
27	19.362	2763	2767	2773	rBV2	270836	410647	13.09%	2.235%
28	19.603	2803	2808	2811	rBV	575281	848385	27.05%	4.618%
29	21.074	3056	3058	3062	rVB2	199966	212025	6.76%	1.154%
30	21.280	3091	3093	3099	rVB	209142	232934	7.43%	1.268%
31	21.392	3107	3112	3116	rBV	2386536	3136563	100.00%	17.072%
32	23.697	3499	3504	3517	rVB	1343180	2675646	85.31%	14.563%

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Sum of corrected areas: 18372571

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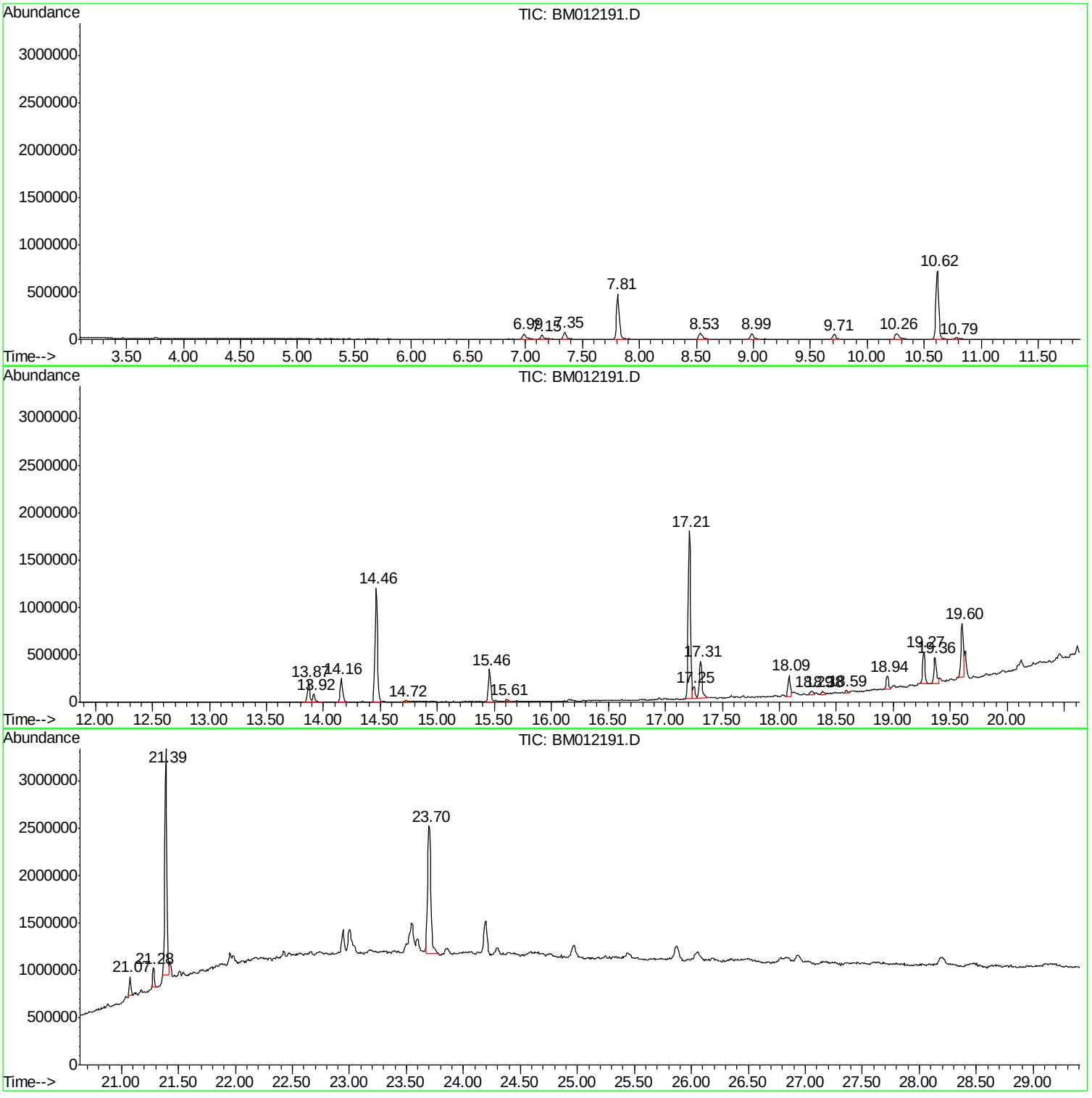
BNA_M
ClientSampleId :
C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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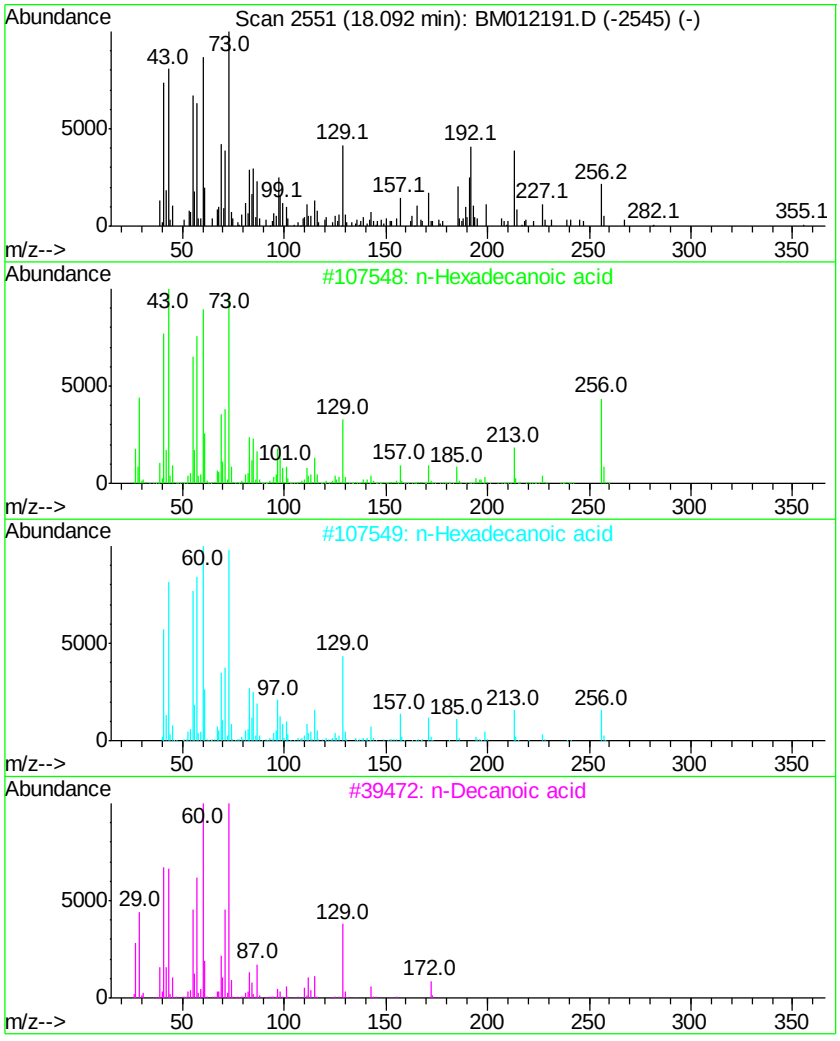
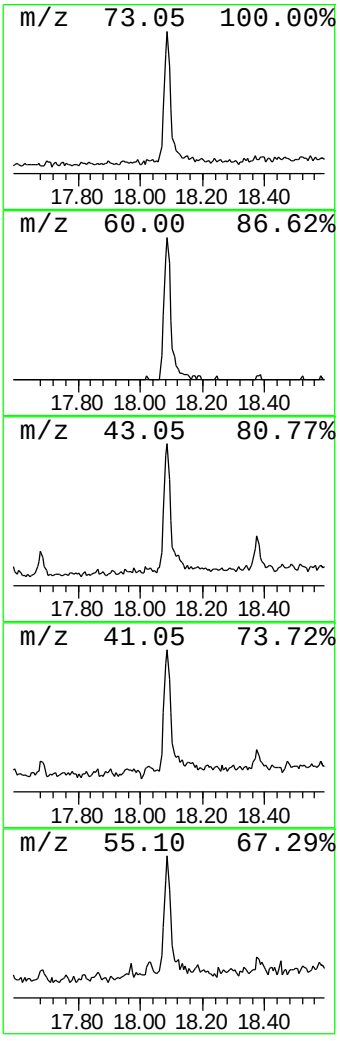
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.53 ng/ul	322501	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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TIC Library : C:\DATABASE\NIST11.L
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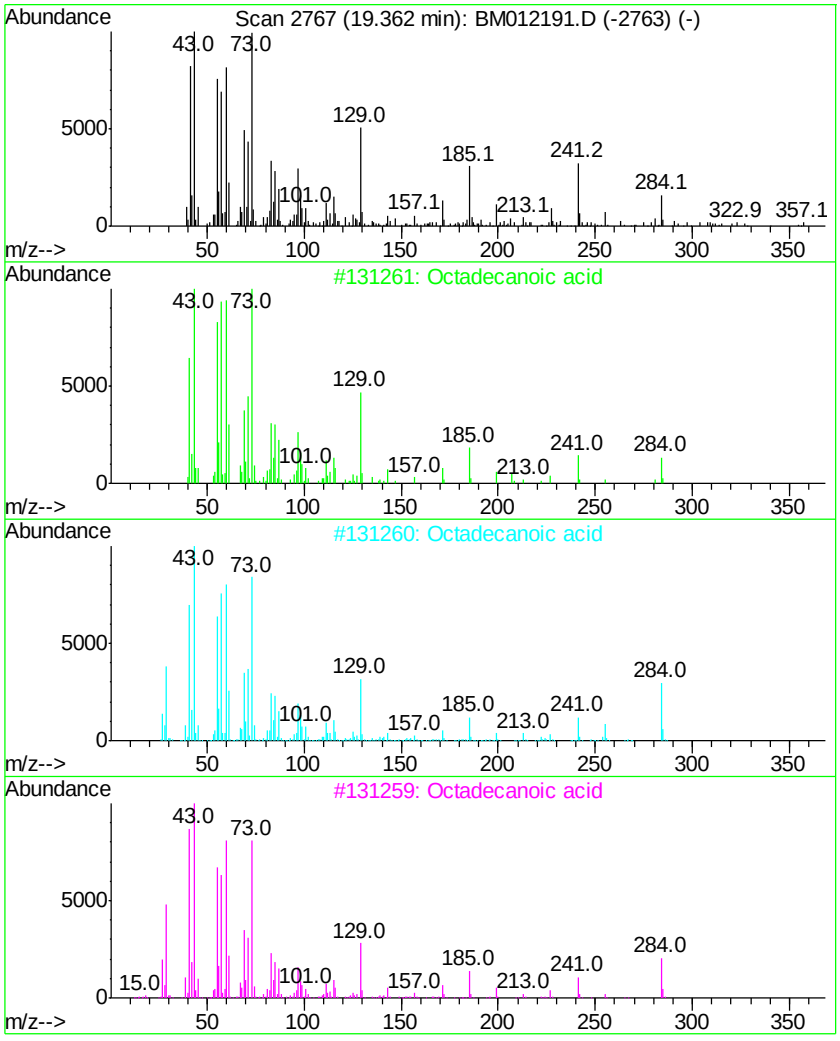
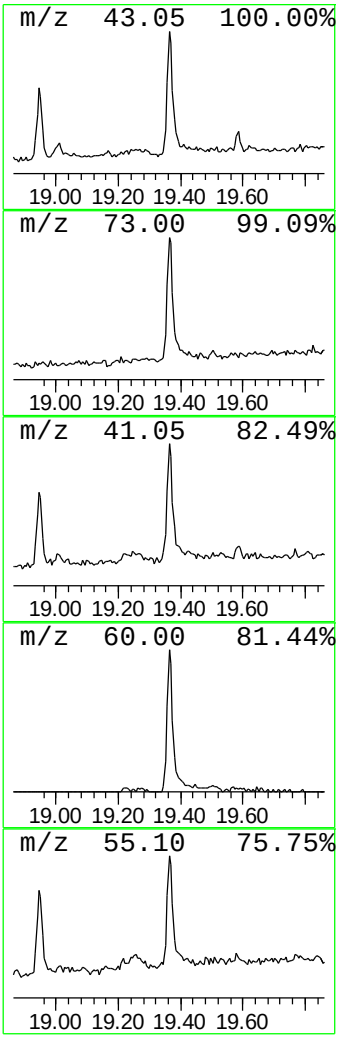
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.62 ng/ul	410647	Chrysene-d12	21.39

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	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

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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	18.09	2.5	ng/ul	322501	4	17.21	2546580	20.0
Octadecanoic acid	19.36	2.6	ng/ul	410647	5	21.39	3136560	20.0