

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120717\
 Data File : BM013244.D
 Acq On : 07 Dec 2017 15:41
 Operator : SJ/JU
 Sample : I6719-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHPK0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BM113017.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	3.246	23	27	32	rVB	42515	54610	1.25%	0.108%
2	6.881	636	645	656	rVB	957382	1656844	37.80%	3.281%
3	7.039	665	672	680	rVB	706603	1108579	25.29%	2.195%
4	7.239	697	706	713	rBV	1063212	1648253	37.61%	3.264%
5	7.704	777	785	792	rBV	746043	1176596	26.85%	2.330%
6	8.410	899	905	913	rBV	1193907	1877877	42.85%	3.719%
7	8.857	973	981	987	rBV	936770	1526970	34.84%	3.024%
8	9.575	1094	1103	1111	rBV	826446	1380808	31.50%	2.735%
9	10.110	1184	1194	1204	rBV	1218834	2020430	46.10%	4.001%
10	10.480	1250	1257	1267	rBV	874182	1492548	34.05%	2.956%
11	10.622	1272	1281	1289	rBV	1103216	1846882	42.14%	3.658%
12	13.757	1808	1814	1818	rBV	1925260	2629943	60.00%	5.208%
13	13.804	1818	1822	1830	rVB	597027	802709	18.31%	1.590%
14	14.033	1853	1861	1867	rBV	2200786	3287739	75.01%	6.511%
15	14.192	1880	1888	1893	rBV3	60298	143143	3.27%	0.283%
16	14.251	1895	1898	1903	rVB6	42983	62571	1.43%	0.124%
17	14.345	1907	1914	1923	rVB2	1193499	1855076	42.33%	3.674%
18	14.557	1944	1950	1959	rBV	855885	1307517	29.83%	2.589%
19	15.204	2056	2060	2064	rVB3	36848	50940	1.16%	0.101%
20	15.339	2076	2083	2094	rVB	2575965	3740751	85.35%	7.408%
21	15.468	2096	2105	2115	rBV	734202	1051574	23.99%	2.083%
22	15.580	2120	2124	2127	rBV3	34181	46186	1.05%	0.091%
23	16.062	2201	2206	2211	rBV6	29072	48215	1.10%	0.095%
24	17.092	2374	2381	2388	rBV2	1531117	2130362	48.61%	4.219%
25	17.192	2392	2398	2406	rVB	2840224	3969128	90.56%	7.861%
26	17.304	2413	2417	2420	rVB6	54465	65389	1.49%	0.129%
27	17.992	2529	2534	2542	rBV	359658	520216	11.87%	1.030%
28	19.127	2723	2727	2729	rBV4	51522	75148	1.71%	0.149%
29	19.280	2749	2753	2760	rBV2	198116	289567	6.61%	0.573%
30	19.492	2783	2789	2794	rBV	3030947	4044355	92.28%	8.010%
31	21.280	3089	3093	3099	rVB	1674106	2085806	47.59%	4.131%
32	23.380	3444	3450	3463	rVB2	2192345	4382912	100.00%	8.680%
33	23.515	3468	3473	3480	rVB2	1158223	2114294	48.24%	4.187%

LSC Area Percent Report

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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

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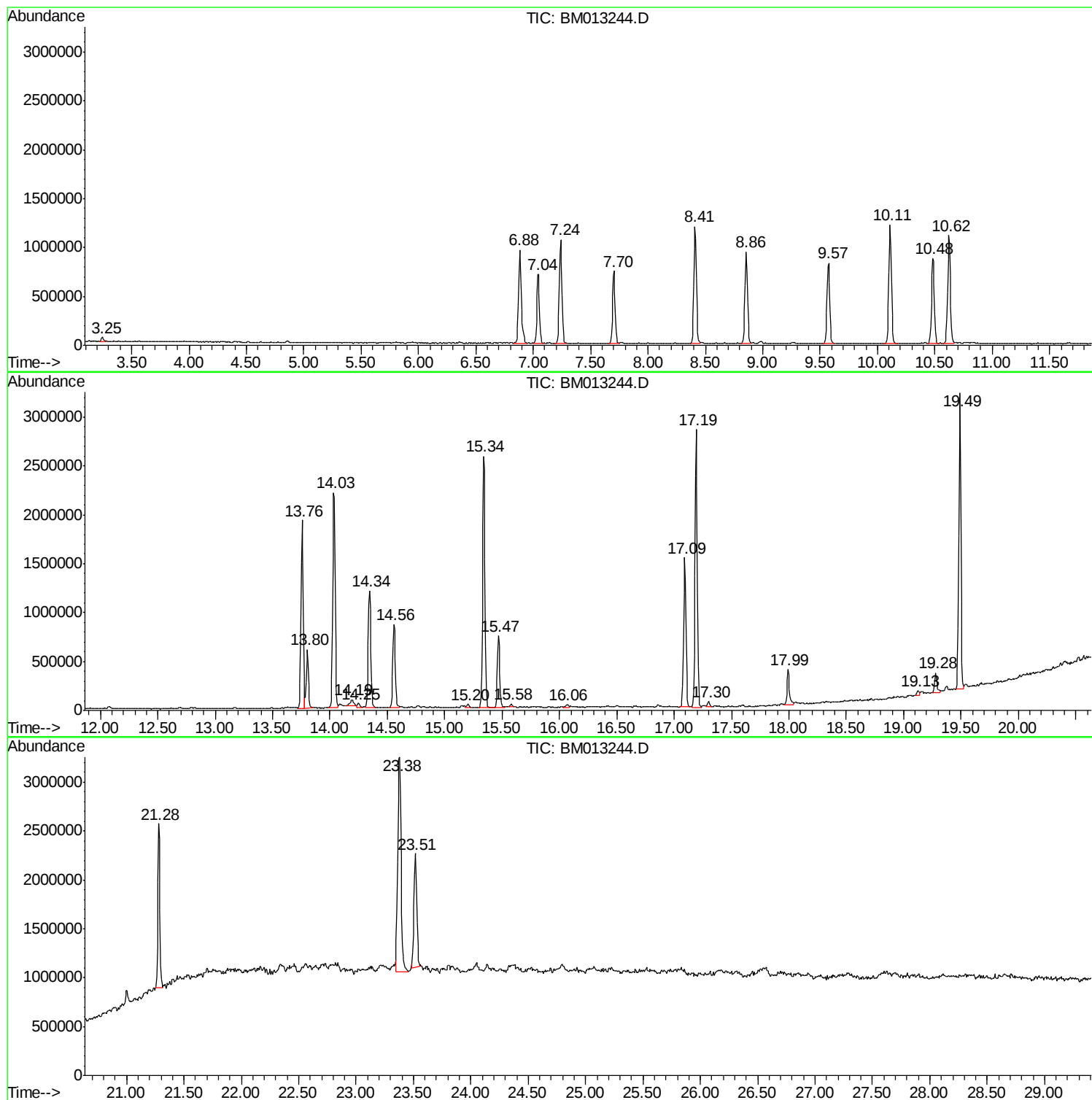
Sum of corrected areas: 50493938

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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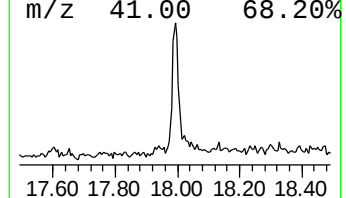
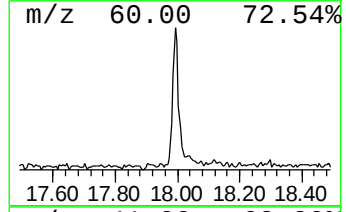
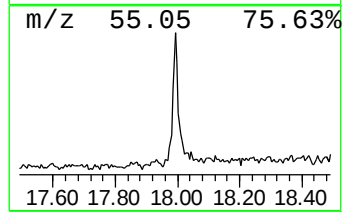
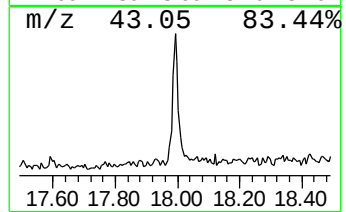
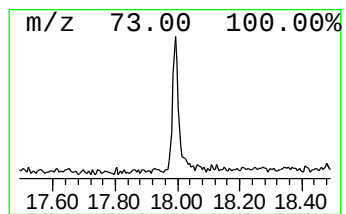
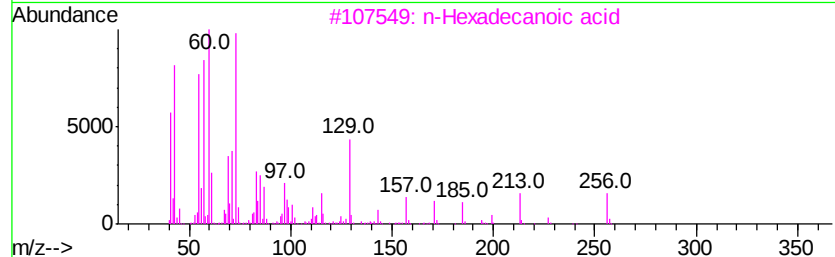
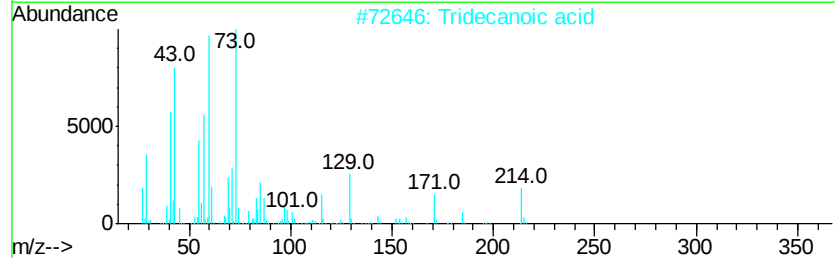
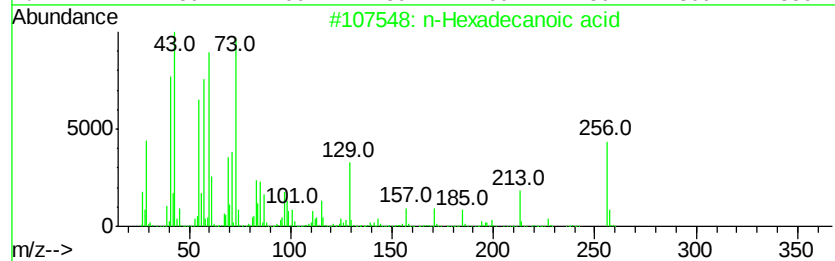
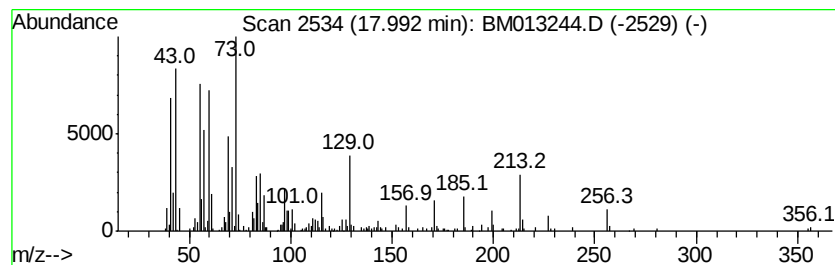
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.88 ng/ul	520216	Phenanthrene-d10	17.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	70



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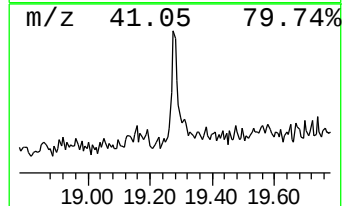
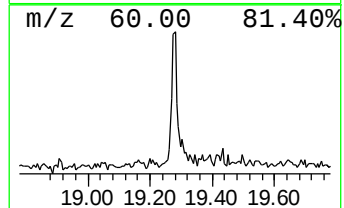
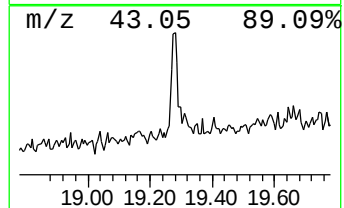
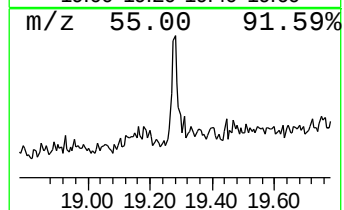
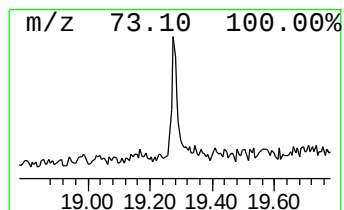
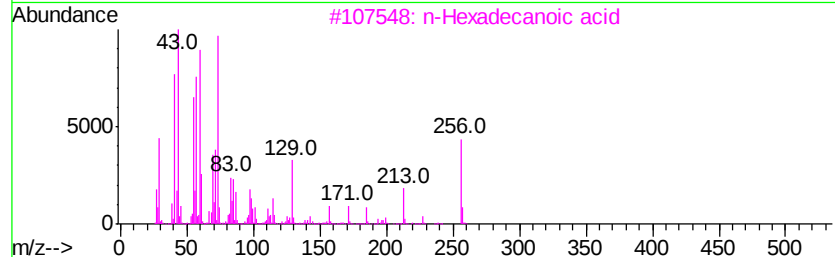
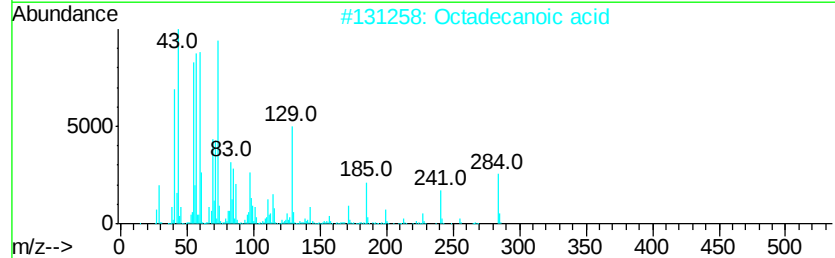
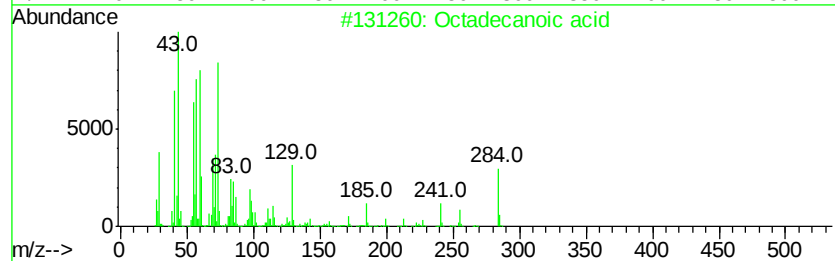
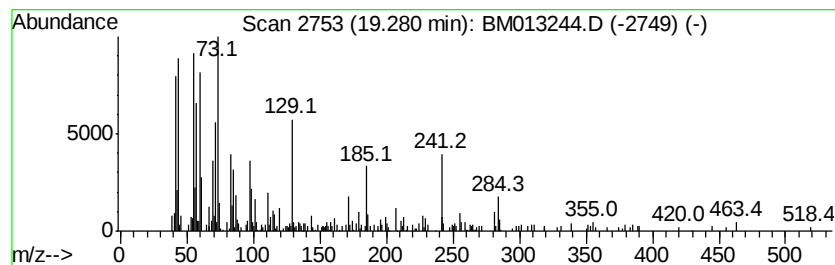
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	2.78 ng/ul	289567	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5		Octadecanoic acid	284	C18H36O2	000057-11-4	55



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	4.9	ng/ul	520216	4	17.09	2130360	20.0
Octadecanoic acid	19.28	2.8	ng/ul	289567	5	21.28	2085810	20.0