

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120717\
 Data File : BM013249.D
 Acq On : 07 Dec 2017 18:40
 Operator : SJ/JU
 Sample : I6719-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHPG1

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	30	rVB3	23126	34616	1.47%	0.106%
2	6.875	634	644	656	rVB2	457969	849926	36.04%	2.608%
3	7.040	665	672	679	rBV	404296	592016	25.10%	1.817%
4	7.234	699	705	712	rVB	532611	837256	35.50%	2.569%
5	7.699	776	784	790	rBV	815303	1246654	52.86%	3.825%
6	8.404	896	904	915	rBV	663787	1052883	44.64%	3.231%
7	8.851	974	980	989	rVB	501294	822966	34.89%	2.525%
8	9.569	1095	1102	1112	rBV	427728	707050	29.98%	2.169%
9	10.104	1185	1193	1203	rBV	623783	1045772	44.34%	3.209%
10	10.481	1250	1257	1264	rVB	989860	1646018	69.79%	5.051%
11	10.622	1272	1281	1290	rBV	568364	997931	42.31%	3.062%
12	13.169	1708	1714	1720	rVB6	14286	24338	1.03%	0.075%
13	13.751	1807	1813	1818	rBV	962036	1390018	58.94%	4.265%
14	13.804	1818	1822	1828	rVB	273286	390641	16.56%	1.199%
15	14.033	1850	1861	1868	rBV	1164947	1770198	75.05%	5.432%
16	14.186	1882	1887	1893	rVB4	56605	113114	4.80%	0.347%
17	14.251	1894	1898	1901	rVB	33935	42307	1.79%	0.130%
18	14.339	1904	1913	1920	rBV2	1255799	1998510	84.73%	6.132%
19	14.563	1944	1951	1958	rVB6	47011	105156	4.46%	0.323%
20	15.198	2056	2059	2066	rVB5	31473	45137	1.91%	0.138%
21	15.339	2076	2083	2090	rBV	1354308	1965678	83.34%	6.031%
22	15.463	2101	2104	2110	rVB7	31674	45859	1.94%	0.141%
23	15.574	2118	2123	2125	rBV5	25000	35600	1.51%	0.109%
24	15.598	2125	2127	2132	rVB6	26157	39003	1.65%	0.120%
25	16.074	2204	2208	2215	rVB7	33898	79617	3.38%	0.244%
26	16.910	2348	2350	2354	rVB5	26954	30654	1.30%	0.094%
27	16.968	2357	2360	2363	rBV5	18792	29392	1.25%	0.090%
28	17.092	2375	2381	2388	rBV	1571697	2235028	94.76%	6.858%
29	17.186	2392	2397	2406	rVB2	1455381	2065742	87.59%	6.338%
30	17.804	2500	2502	2507	rVB6	26938	34460	1.46%	0.106%
31	17.992	2530	2534	2544	rVB3	162253	235824	10.00%	0.724%
32	18.163	2560	2563	2568	rVB6	61940	89451	3.79%	0.274%
33	18.221	2570	2573	2578	rVV6	51842	83997	3.56%	0.258%
34	18.263	2578	2580	2585	rVB6	28986	37831	1.60%	0.116%

LSC Area Percent Report

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35	18.445	2608	2611	2616	rVB7	43567	59884	2.54%	0.184%
36	19.021	2707	2709	2713	rVB4	47572	57543	2.44%	0.177%
37	19.274	2749	2752	2762	rBV7	127341	250932	10.64%	0.770%
38	19.486	2782	2788	2793	rBV	1671874	2250987	95.44%	6.907%
39	19.545	2795	2798	2807	rVB9	64542	115017	4.88%	0.353%
40	20.998	3042	3045	3050	rBV5	102671	130482	5.53%	0.400%
41	21.280	3088	3093	3100	rBV	1859632	2358551	100.00%	7.237%
42	23.368	3442	3448	3459	rVB2	1231235	2352001	99.72%	7.217%
43	23.509	3466	3472	3481	rVB	1199134	2294515	97.28%	7.040%

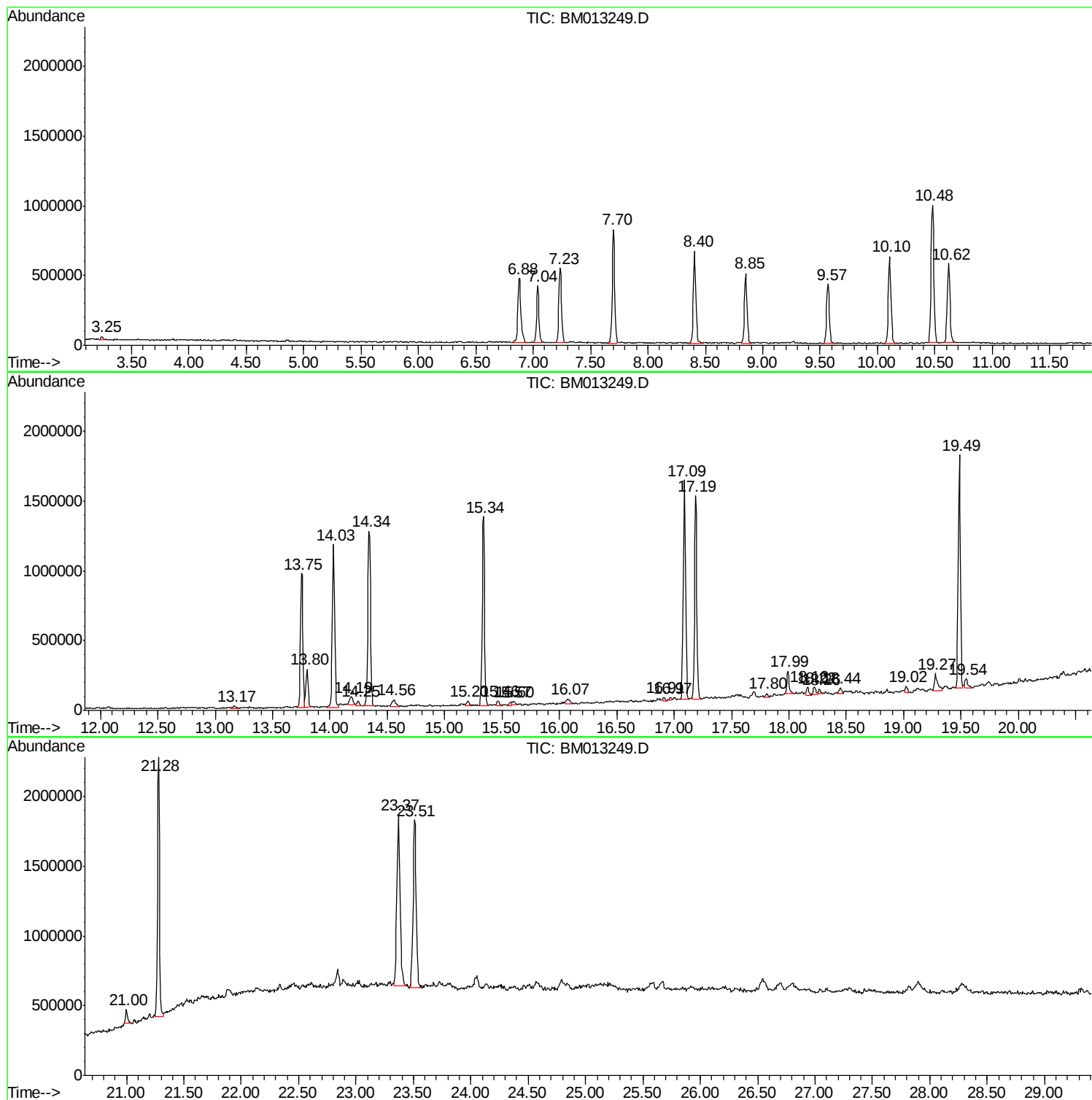
Sum of corrected areas: 32590555

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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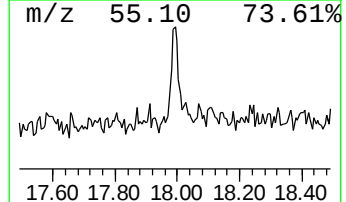
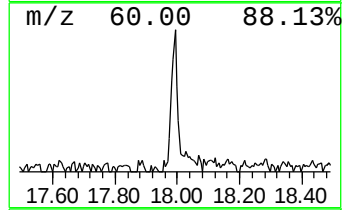
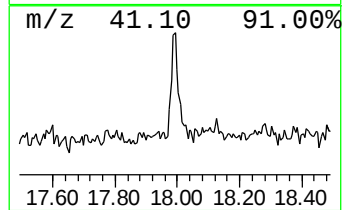
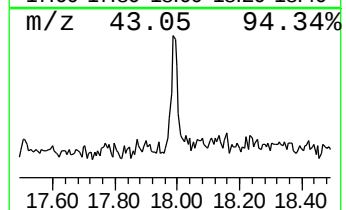
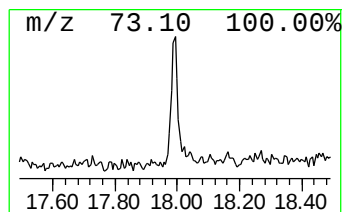
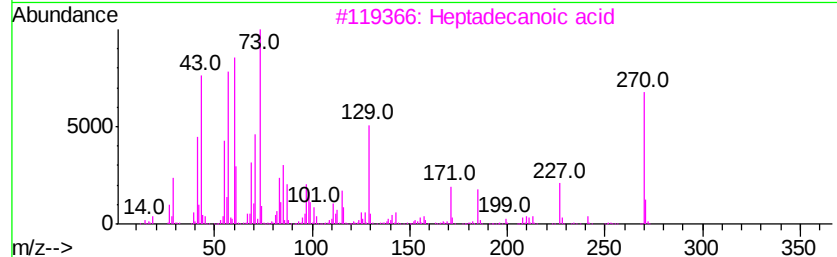
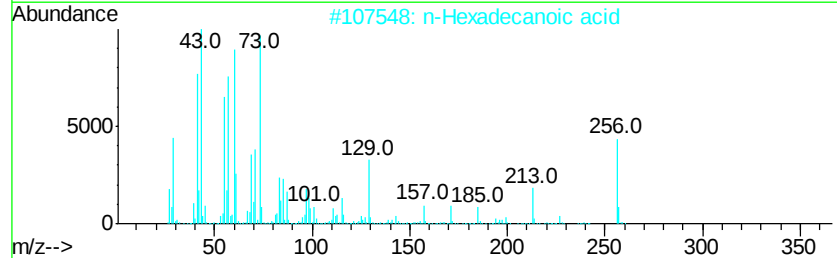
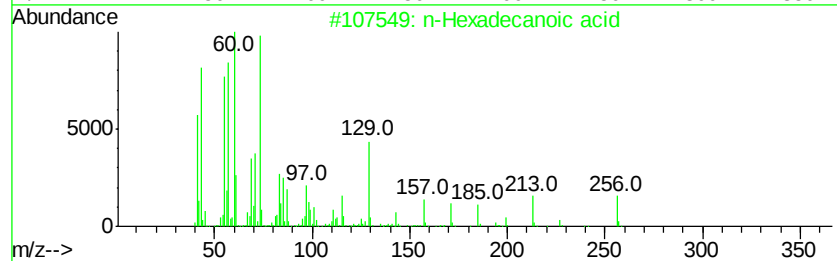
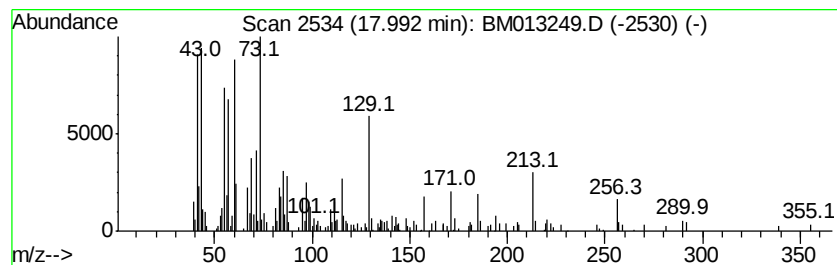
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.11 ng/ul	235824	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Heptadecanoic acid	270	C17H34O2	000506-12-7	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	86
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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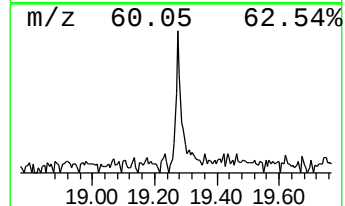
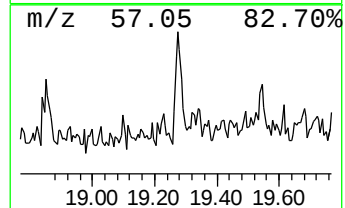
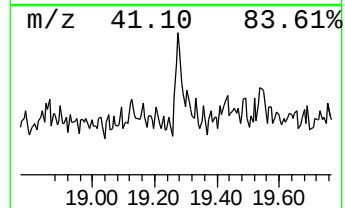
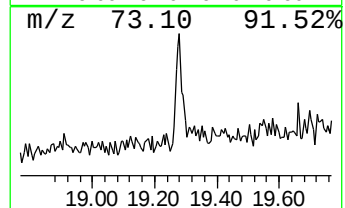
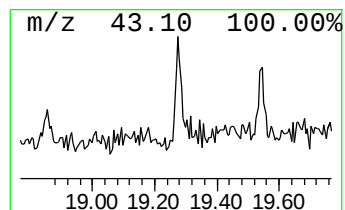
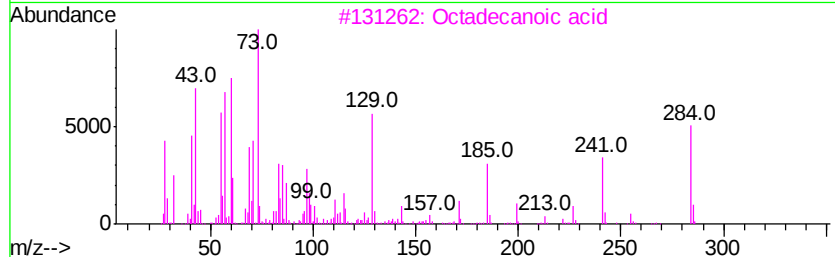
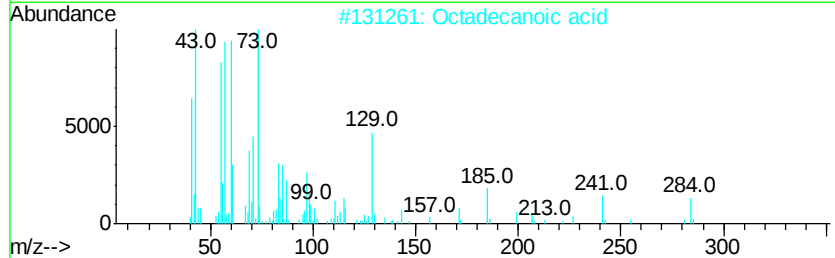
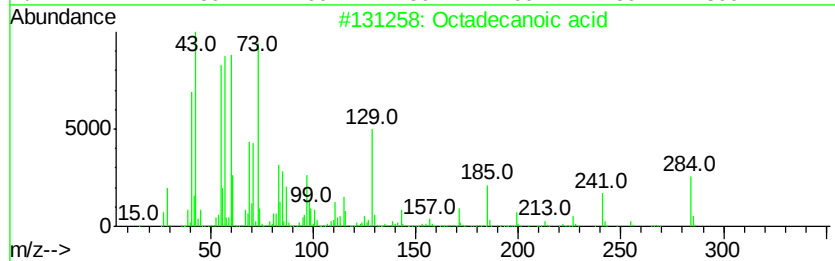
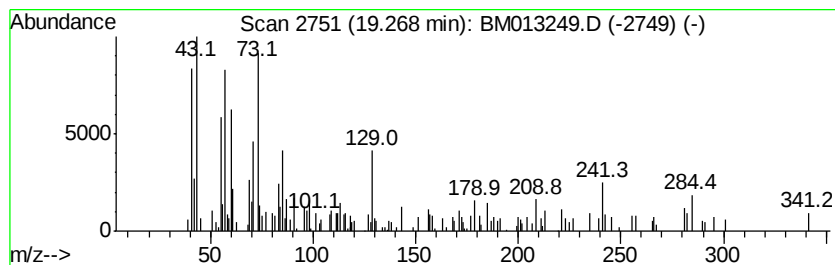
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.13 ng/ul	250932	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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.1	ng/ul	235824	4	17.09	2235030	20.0
Octadecanoic acid	19.27	2.1	ng/ul	250932	5	21.28	2358550	20.0