

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013758.D
 Acq On : 24 Jan 2018 08:11
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A63

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-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	25	29	36	rVB	56344	83912	1.65%	0.139%
2	4.769	298	303	311	rVB	63704	90867	1.79%	0.151%
3	6.787	640	646	659	rBV	1081699	1900270	37.46%	3.152%
4	6.951	668	674	685	rVB	842596	1233698	24.32%	2.046%
5	7.139	698	706	717	rBV	1192472	1851646	36.50%	3.071%
6	7.604	778	785	794	rBV	795229	1237059	24.39%	2.052%
7	8.316	899	906	916	rBV	1344701	2126086	41.91%	3.526%
8	8.763	973	982	994	rBV	1095656	1819983	35.88%	3.019%
9	9.475	1096	1103	1113	rBV	934827	1588514	31.31%	2.635%
10	10.010	1186	1194	1208	rBV	1341743	2337584	46.08%	3.877%
11	10.380	1250	1257	1264	rBV	1007934	1670555	32.93%	2.771%
12	10.527	1274	1282	1298	rBV	1110458	1994518	39.32%	3.308%
13	11.921	1513	1519	1525	rBV2	74921	136934	2.70%	0.227%
14	13.674	1811	1817	1821	rBV	2200154	3071842	60.56%	5.095%
15	13.721	1821	1825	1832	rVB	945051	1334892	26.31%	2.214%
16	13.945	1856	1863	1871	rBV	2605603	3787247	74.66%	6.282%
17	14.163	1895	1900	1905	rBV2	99111	130152	2.57%	0.216%
18	14.257	1909	1916	1925	rVB2	1363130	2044616	40.31%	3.391%
19	14.486	1949	1955	1972	rBV	708473	1305559	25.74%	2.165%
20	15.121	2059	2063	2068	rVB	120958	160511	3.16%	0.266%
21	15.257	2079	2086	2092	rBV	2973101	4239287	83.57%	7.031%
22	15.392	2104	2109	2119	rVB	713930	1073009	21.15%	1.780%
23	15.504	2122	2128	2129	rBV4	47173	70202	1.38%	0.116%
24	15.986	2205	2210	2212	rBV	122525	172581	3.40%	0.286%
25	16.662	2320	2325	2336	rBV	641814	1016062	20.03%	1.685%
26	16.774	2342	2344	2350	rBV2	70104	97020	1.91%	0.161%
27	16.827	2350	2353	2358	rVB7	42611	67202	1.32%	0.111%
28	17.009	2378	2384	2390	rBV	1610634	2230842	43.98%	3.700%
29	17.109	2395	2401	2414	rVB2	3113406	4393455	86.61%	7.287%
30	17.515	2467	2470	2477	rVB3	59844	78907	1.56%	0.131%
31	17.915	2534	2538	2548	rBV2	354195	520056	10.25%	0.863%
32	18.209	2584	2588	2591	rBV5	59360	76260	1.50%	0.126%
33	19.074	2732	2735	2743	rVB	205597	308647	6.08%	0.512%
34	19.203	2754	2757	2764	rBV4	149745	215917	4.26%	0.358%

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35	19.303	2770	2774	2779	rBV7	48113	80356	1.58%	0.133%
36	19.415	2787	2793	2801	rBV	3408137	5072769	100.00%	8.414%
37	20.933	3047	3051	3059	rVB2	727024	971753	19.16%	1.612%
38	21.209	3093	3098	3103	rBV2	1973180	2560451	50.47%	4.247%
39	23.274	3443	3449	3460	rVB2	2566642	4803617	94.69%	7.967%
40	23.409	3466	3472	3481	rVB	1285795	2336486	46.06%	3.875%

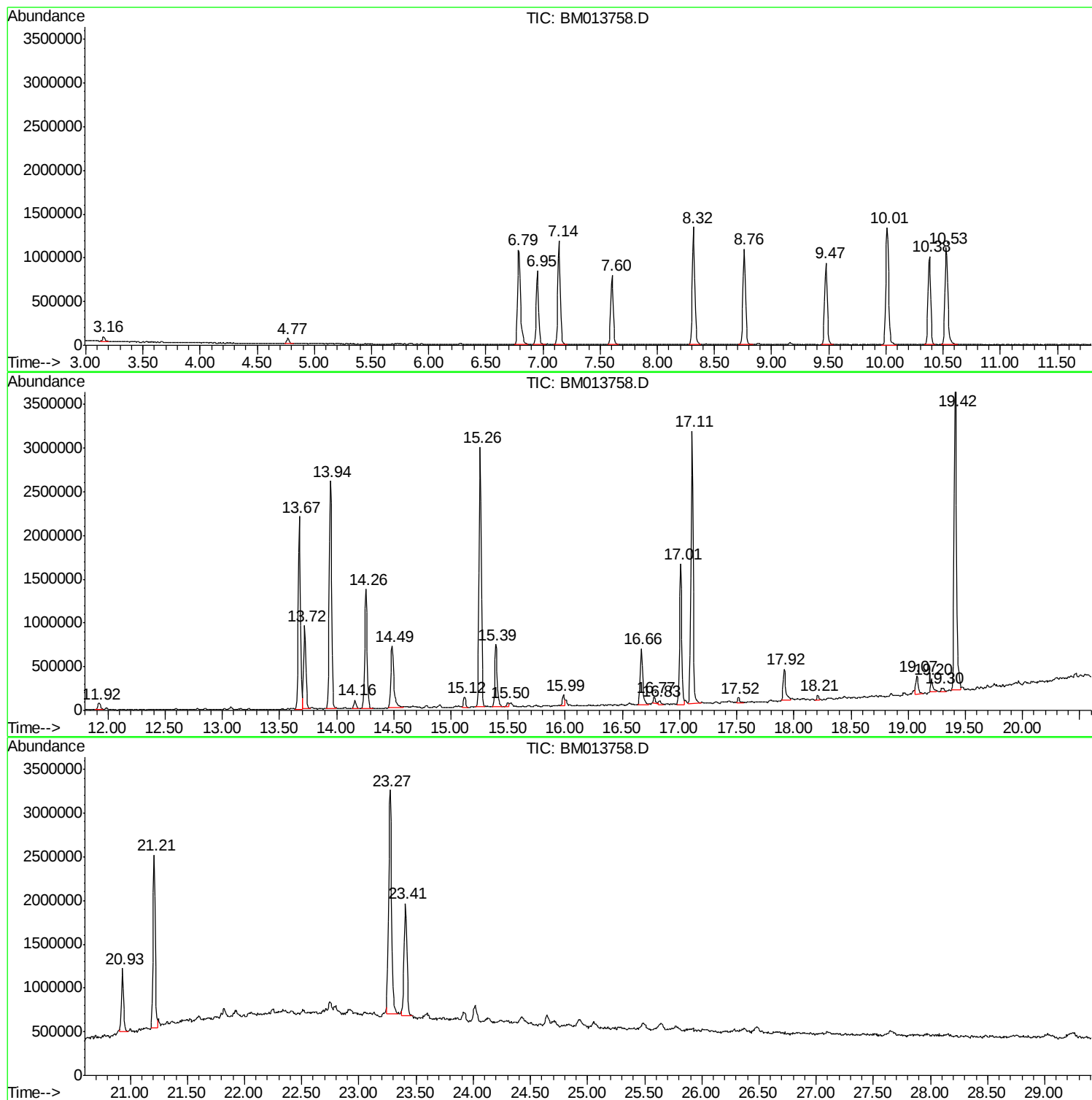
Sum of corrected areas: 60291324

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Quant Title : SVOA CALIBRATION

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



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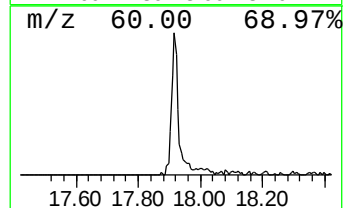
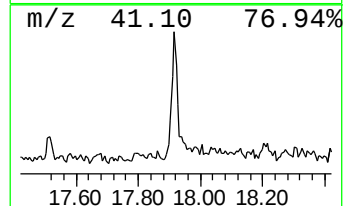
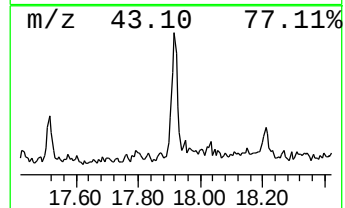
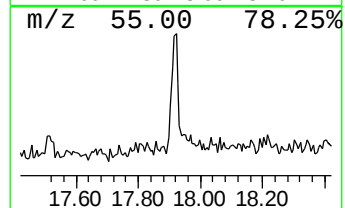
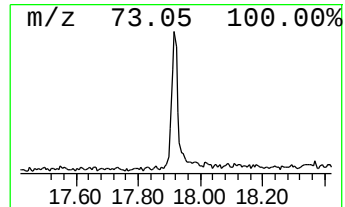
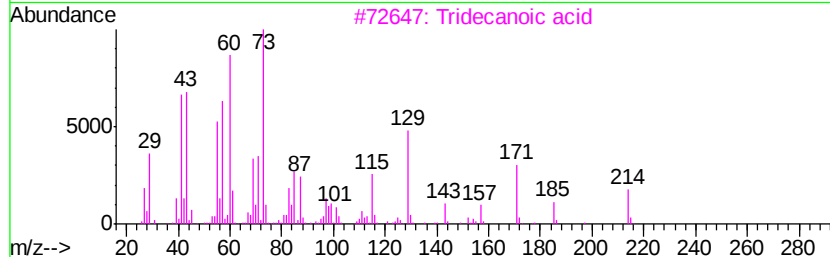
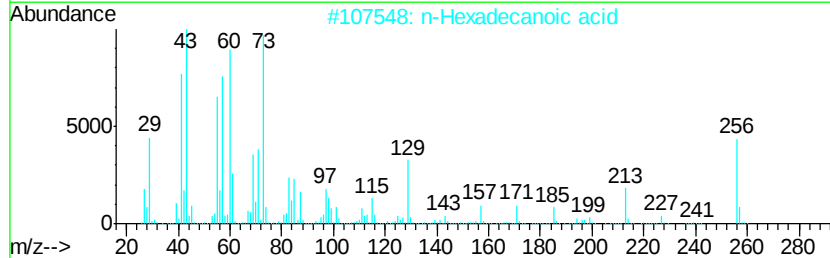
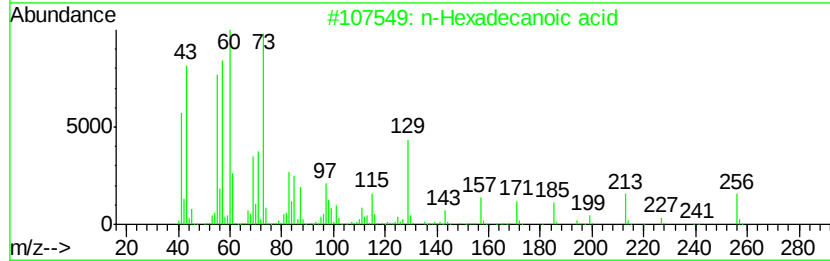
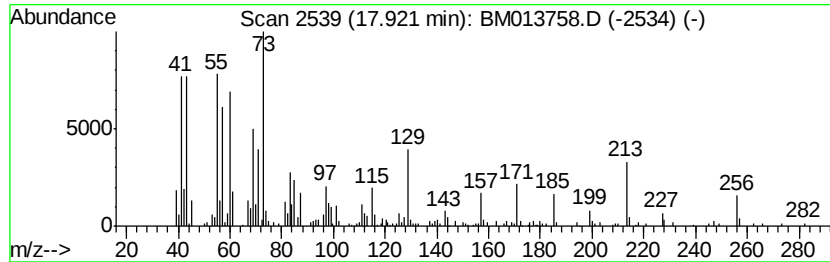
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	4.66 ng/ul	520056	Phenanthrene-d10	17.01		
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	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81	



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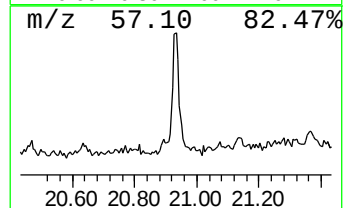
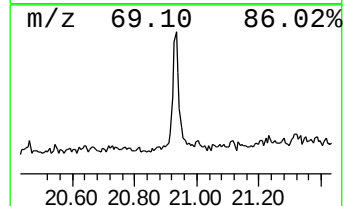
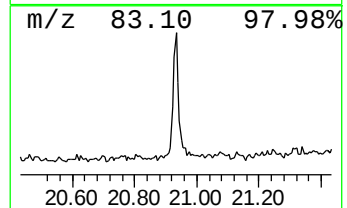
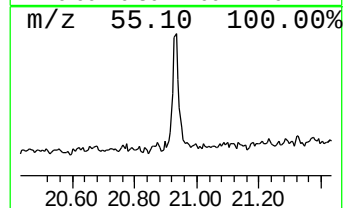
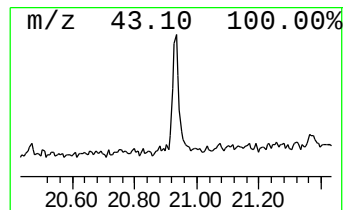
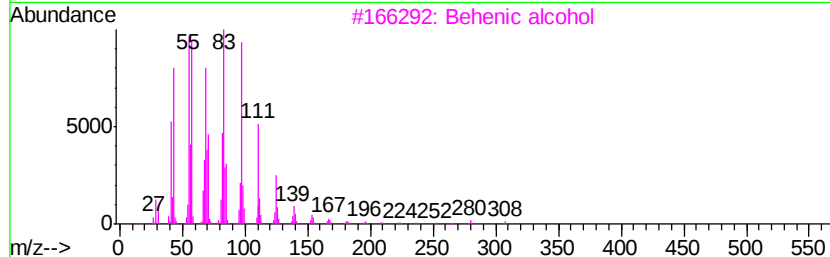
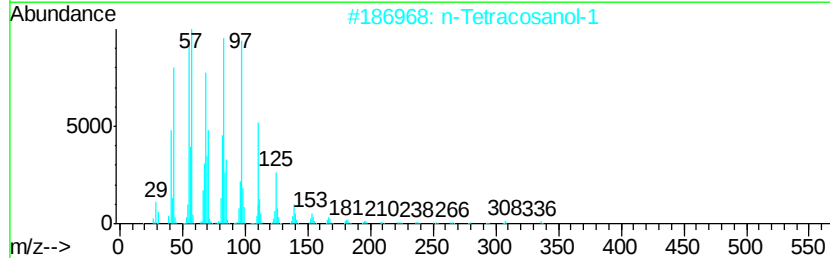
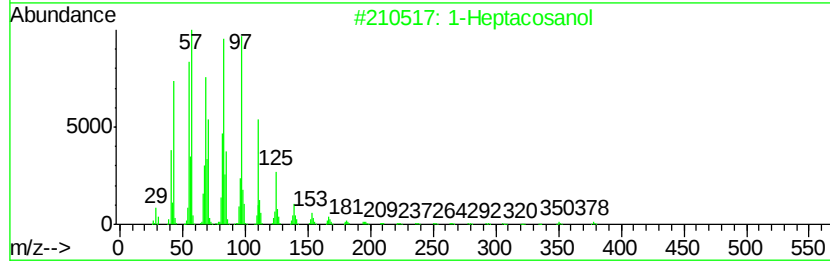
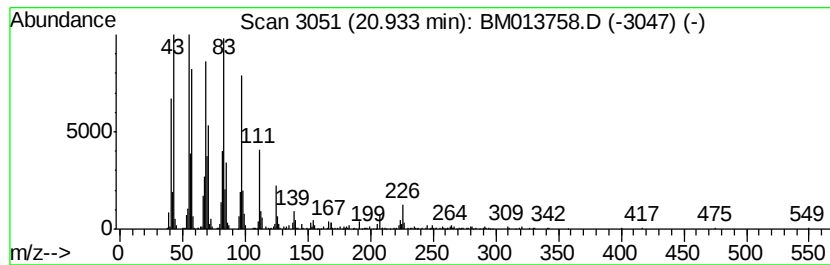
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Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.93	7.59 ng/ul	971753	Chrysene-d12		21.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	91
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3			Behenic alcohol	326	C22H46O	000661-19-8	91
4			1-Docosanethiol	342	C22H46S	007773-83-3	91
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	4.7	ng/ul	520056	4	17.01	2230840	20.0
1-Heptacosanol	20.93	7.6	ng/ul	971753	5	21.21	2560450	20.0