

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013452.D
 Acq On : 15 Dec 2017 23:20
 Operator : SJ/JU
 Sample : I6778-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A77

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	3.228	20	24	28	rBV	59417	82157	1.17%	0.112%
2	6.851	634	640	652	rVB	1178687	2048008	29.06%	2.788%
3	7.016	662	668	678	rBV	935345	1399036	19.85%	1.905%
4	7.210	694	701	712	rVB	1269330	1938713	27.51%	2.639%
5	7.675	772	780	788	rBV	914299	1456014	20.66%	1.982%
6	8.381	893	900	911	rBV	1599604	2543656	36.09%	3.463%
7	8.828	968	976	985	rBV	1267757	2076683	29.46%	2.827%
8	9.545	1089	1098	1109	rBV	1086890	1818747	25.81%	2.476%
9	10.075	1180	1188	1202	rBV	1568072	2693882	38.22%	3.667%
10	10.451	1245	1252	1259	rBV	1283131	2115302	30.01%	2.880%
11	10.598	1269	1277	1287	rBV	1414675	2411353	34.21%	3.283%
12	13.733	1803	1810	1815	rBV	3078150	4213671	59.79%	5.736%
13	13.780	1815	1818	1825	rVB	655765	828468	11.75%	1.128%
14	14.010	1848	1857	1869	rBV	3473012	4933200	69.99%	6.716%
15	14.221	1888	1893	1898	rBV	84645	104366	1.48%	0.142%
16	14.316	1902	1909	1917	rBV2	1846259	2841028	40.31%	3.868%
17	14.533	1937	1946	1963	rBV	1269289	2059920	29.23%	2.804%
18	15.180	2051	2056	2060	rVB	123031	155207	2.20%	0.211%
19	15.315	2072	2079	2086	rVB	4070958	5765291	81.80%	7.849%
20	15.445	2094	2101	2114	rBV	1223662	1702465	24.16%	2.318%
21	15.557	2116	2120	2123	rBV3	49047	82310	1.17%	0.112%
22	16.045	2198	2203	2210	rBV	117790	197093	2.80%	0.268%
23	16.833	2333	2337	2341	rBV2	93568	122845	1.74%	0.167%
24	17.068	2370	2377	2383	rBV2	2375052	3447303	48.91%	4.693%
25	17.168	2387	2394	2404	rVB	4489839	6326881	89.77%	8.613%
26	17.968	2525	2530	2538	rBV2	282589	436235	6.19%	0.594%
27	19.098	2714	2722	2726	rBV	60966	109651	1.56%	0.149%
28	19.256	2745	2749	2757	rBV3	148599	230131	3.27%	0.313%
29	19.351	2762	2765	2770	rVB2	46075	71712	1.02%	0.098%
30	19.468	2778	2785	2791	rBV	5098039	7048033	100.00%	9.595%
31	20.974	3037	3041	3051	rBV2	269275	394903	5.60%	0.538%
32	21.256	3084	3089	3095	rBV	2790803	3455044	49.02%	4.704%
33	22.303	3265	3267	3273	rVB5	87164	110992	1.57%	0.151%
34	22.809	3350	3353	3358	rVB2	93525	119471	1.70%	0.163%

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35	23.344	3436	3444	3454	rVB2	2712589	5223805	74.12%	7.111%
36	23.480	3460	3467	3475	rVB	1340276	2535379	35.97%	3.452%
37	24.009	3553	3557	3562	rVB6	91064	168292	2.39%	0.229%
38	24.750	3677	3683	3688	rVB8	86265	189425	2.69%	0.258%

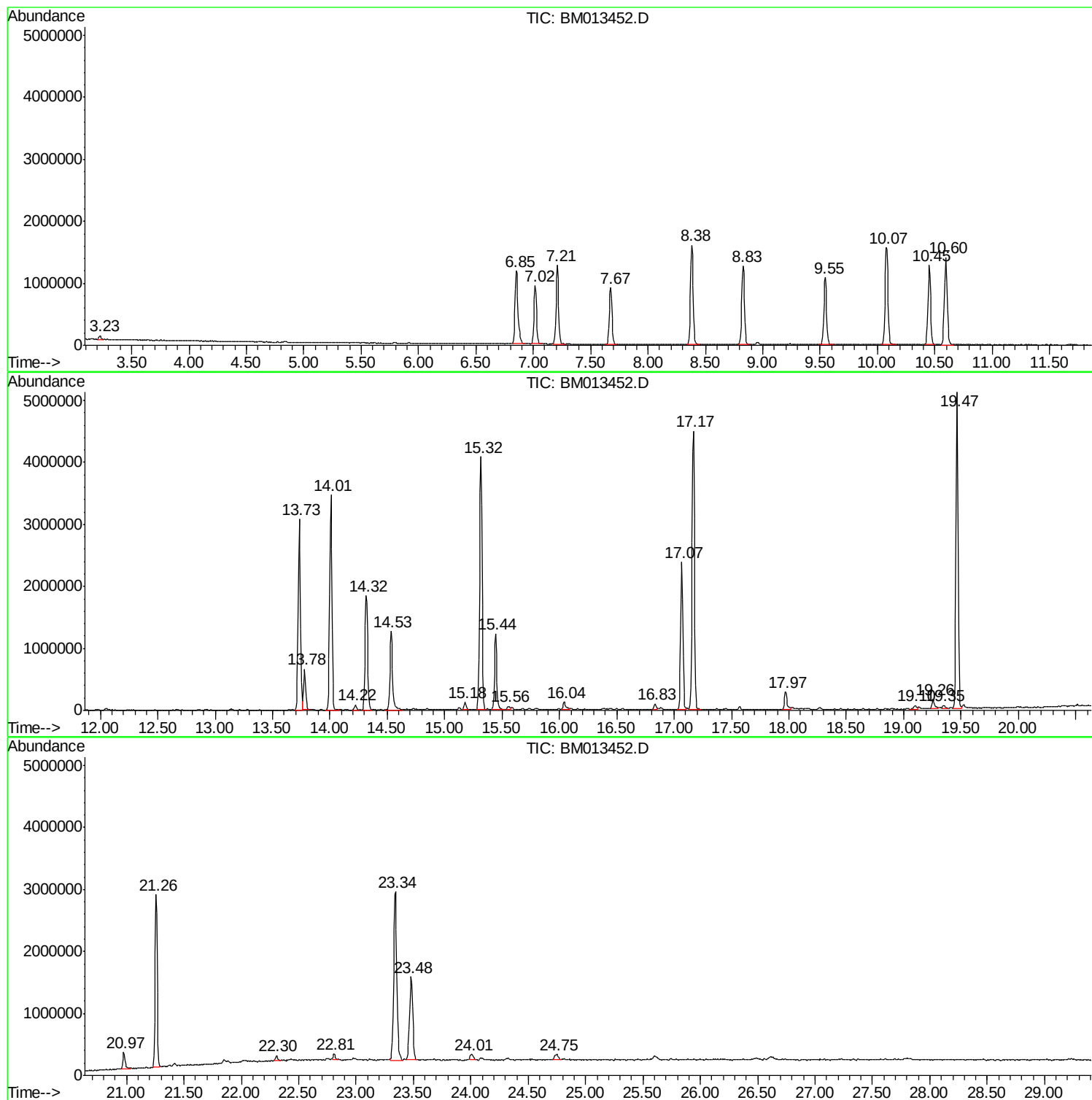
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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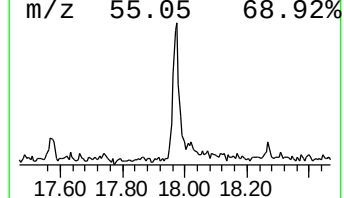
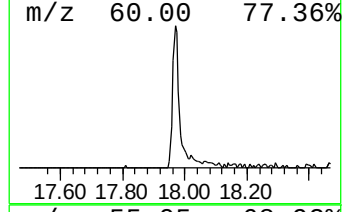
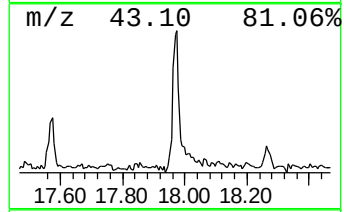
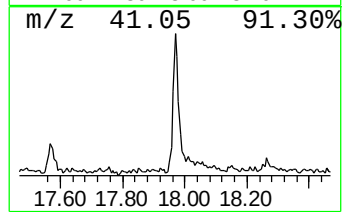
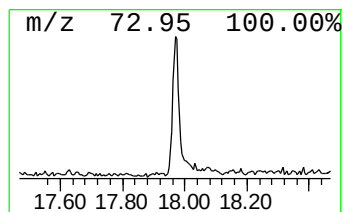
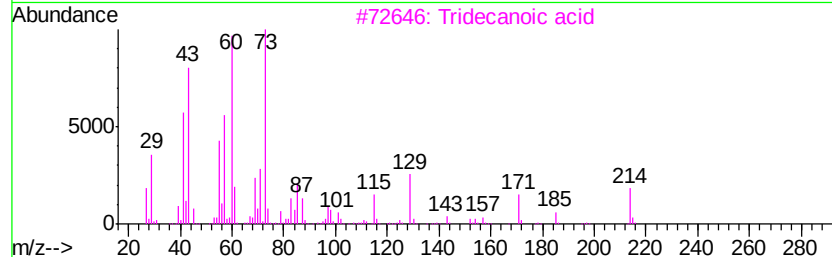
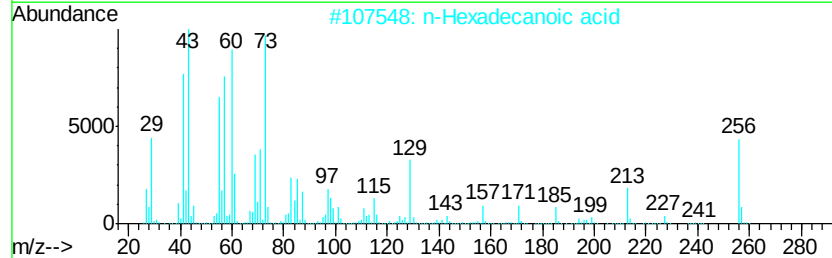
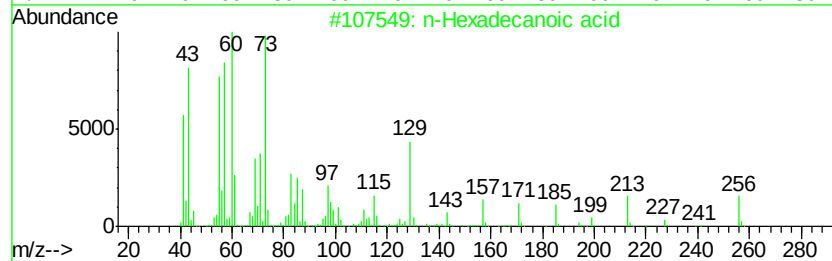
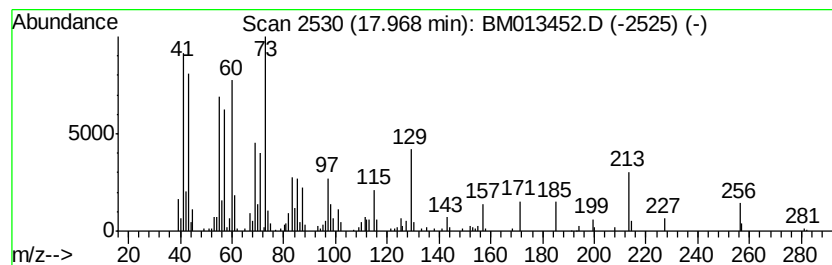
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.53 ng/ul	436235	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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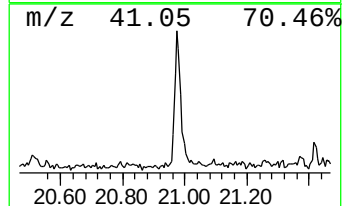
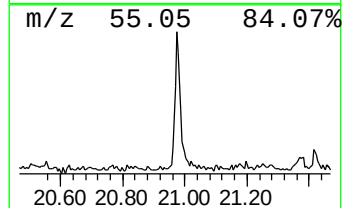
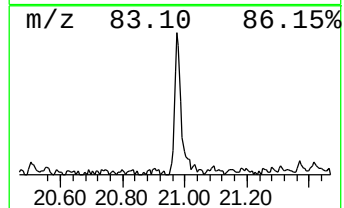
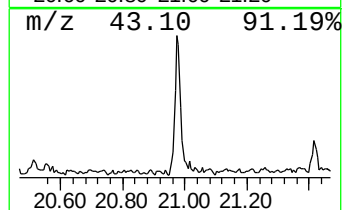
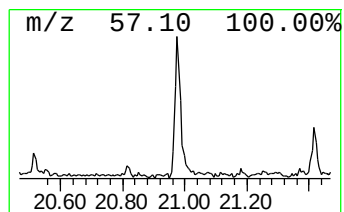
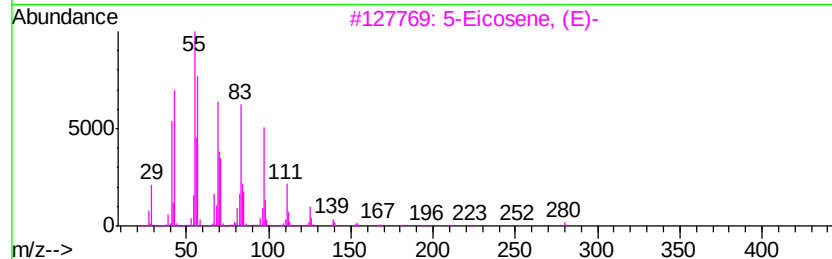
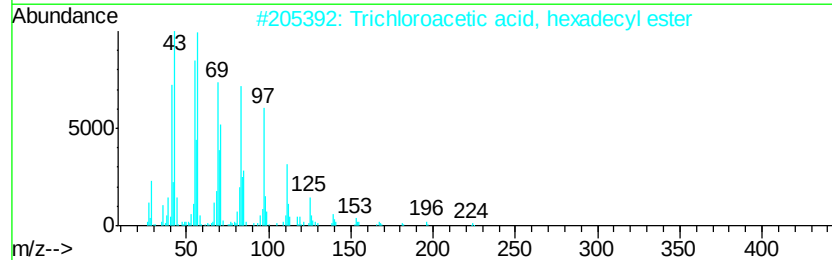
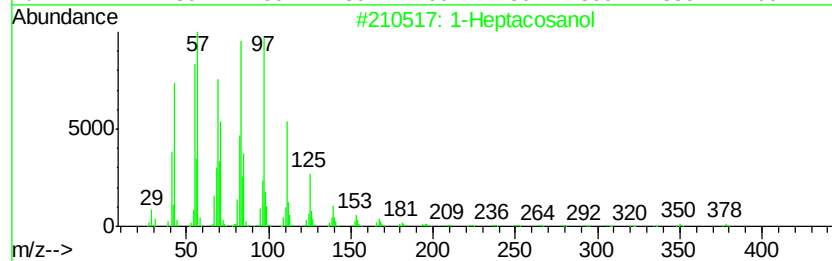
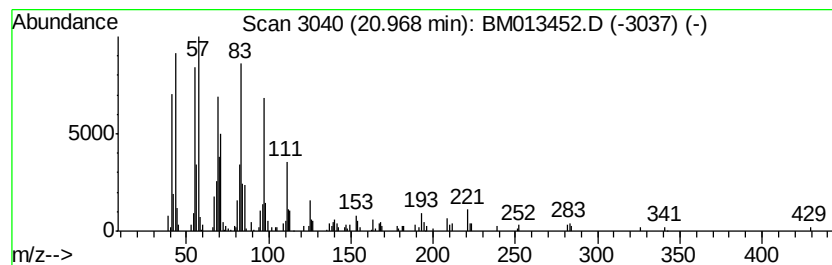
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Peak Number 2 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.29 ng/ul	394903	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 90
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 90
3	5-Eicosene, (E)-		280 C20H40	074685-30-6 89
4	9-Eicosene, (E)-		280 C20H40	074685-29-3 86
5	n-Tetracosanol-1		354 C24H50O	000506-51-4 83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.5	ng/ul	436235	4	17.07	3447300	20.0
1-Heptacosanol	20.97	2.3	ng/ul	394903	5	21.26	3455040	20.0