

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005348.D
 Acq On : 08 May 2016 15:47
 Operator : UM/SJ
 Sample : H2772-22
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3C6

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\SOM02.2-EPA-BM050516.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	6.940	717	723	738	rBV	412899	672005	22.72%	2.156%
2	7.104	745	751	764	rVB	341040	526175	17.79%	1.688%
3	7.305	778	785	795	rBV	416313	692725	23.42%	2.222%
4	7.769	857	864	871	rBV	370446	597274	20.19%	1.916%
5	8.475	978	984	999	rBV	547083	885461	29.94%	2.840%
6	8.928	1054	1061	1073	rBV	418009	695852	23.53%	2.232%
7	9.646	1177	1183	1194	rBV	362959	604876	20.45%	1.940%
8	10.181	1267	1274	1293	rBV	525863	917258	31.01%	2.942%
9	10.557	1330	1338	1350	rBV	554774	952543	32.21%	3.056%
10	10.693	1355	1361	1378	rBV	481934	867822	29.34%	2.784%
11	13.822	1886	1893	1897	rBV	1023722	1475930	49.90%	4.734%
12	13.863	1897	1900	1907	rVB	166981	226325	7.65%	0.726%
13	14.104	1932	1941	1953	rBV	1150160	1772379	59.93%	5.685%
14	14.304	1968	1975	1980	rBV	44562	57135	1.93%	0.183%
15	14.410	1983	1993	2003	rVB2	869752	1346441	45.53%	4.319%
16	14.622	2023	2029	2042	rBV	346930	610280	20.63%	1.958%
17	15.257	2132	2137	2142	rVB	59506	73894	2.50%	0.237%
18	15.404	2156	2162	2171	rVB	1484822	2225611	75.25%	7.139%
19	15.533	2178	2184	2194	rVB	462994	654900	22.14%	2.101%
20	15.645	2198	2203	2210	rBV3	27138	51270	1.73%	0.164%
21	16.116	2278	2283	2291	rBV	53156	83708	2.83%	0.269%
22	17.157	2454	2460	2469	rBV2	1126384	1667957	56.40%	5.350%
23	17.257	2471	2477	2488	rVV2	1677579	2448553	82.79%	7.854%
24	18.051	2605	2612	2629	rBV	139901	229935	7.77%	0.738%
25	19.186	2800	2805	2814	rBV	23827	43182	1.46%	0.139%
26	19.333	2825	2830	2836	rBV	59423	92368	3.12%	0.296%
27	19.557	2861	2868	2879	rBV2	2031378	2957554	100.00%	9.487%
28	21.051	3117	3122	3138	rBV2	358525	549629	18.58%	1.763%
29	21.351	3167	3173	3183	rBV	1569268	2060108	69.66%	6.608%
30	21.739	3235	3239	3244	rVB2	24430	29861	1.01%	0.096%
31	21.927	3268	3271	3273	rBV	26581	33515	1.13%	0.108%
32	22.392	3346	3350	3355	rBV	33736	45209	1.53%	0.145%
33	22.521	3369	3372	3377	rBV	30207	41150	1.39%	0.132%
34	22.903	3433	3437	3442	rVB	95773	131840	4.46%	0.423%

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35	23.480	3527	3535	3545	rBV2	1294722	2572321	86.97%	8.251%
36	23.621	3552	3559	3572	rVB2	894344	1770197	59.85%	5.678%
37	24.127	3640	3645	3654	rVB	82423	154641	5.23%	0.496%
38	24.221	3655	3661	3674	rBV2	58633	155806	5.27%	0.500%
39	24.880	3767	3773	3783	rBV2	51193	106078	3.59%	0.340%
40	25.756	3917	3922	3932	rVB2	39642	94412	3.19%	0.303%

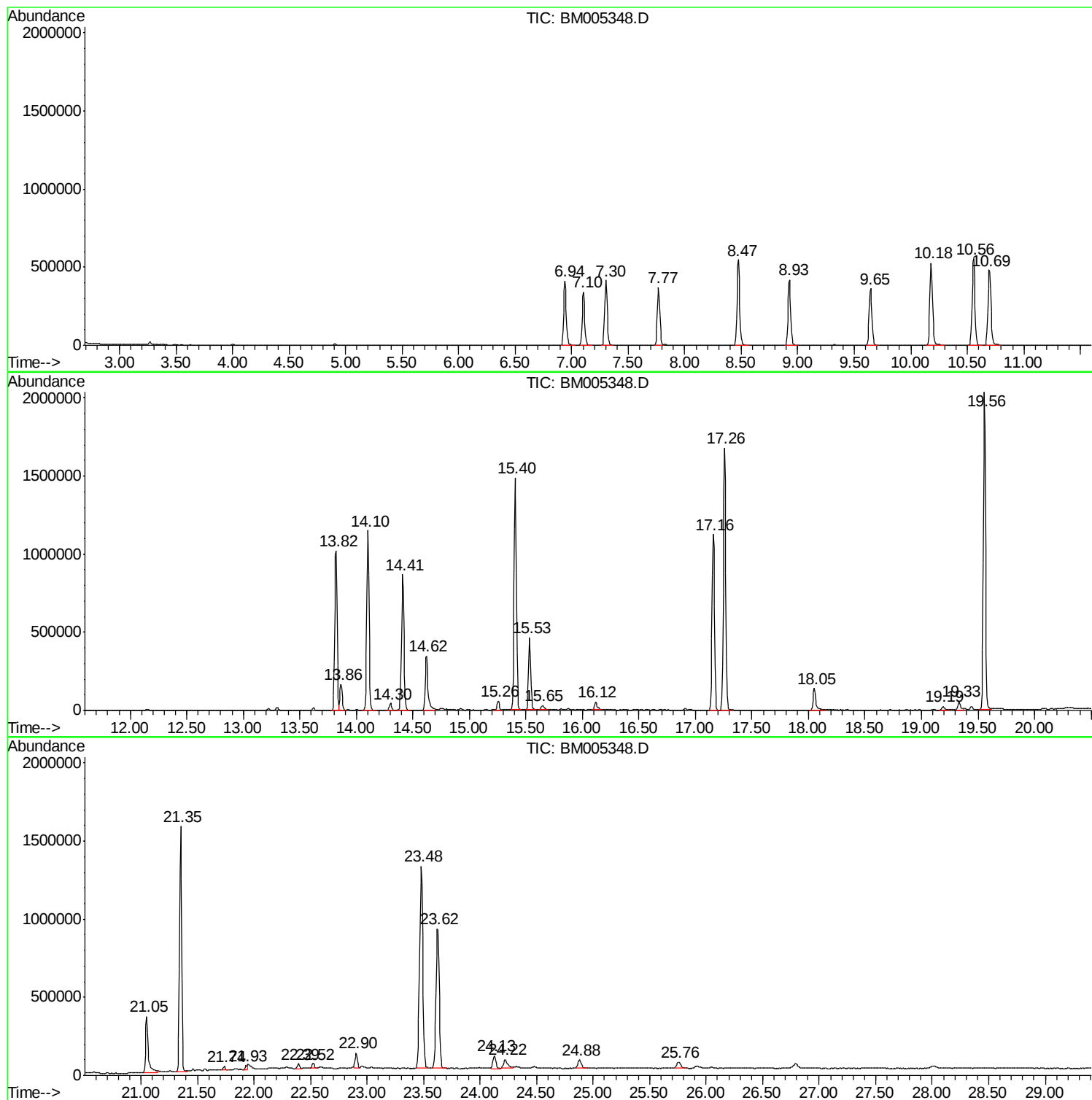
Sum of corrected areas: 31174180

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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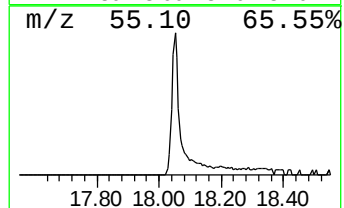
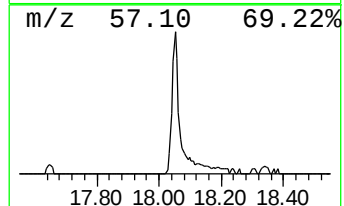
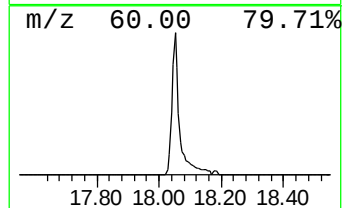
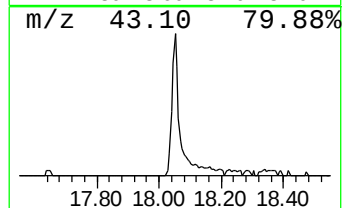
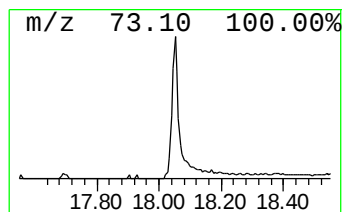
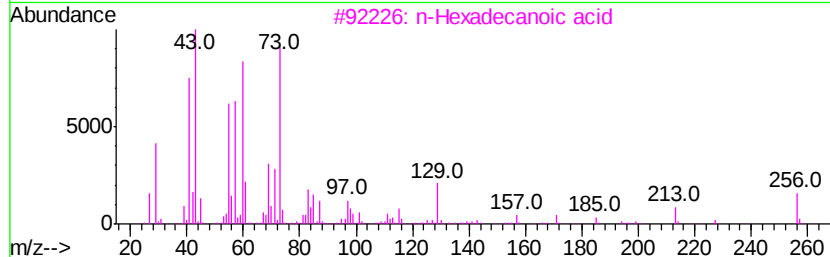
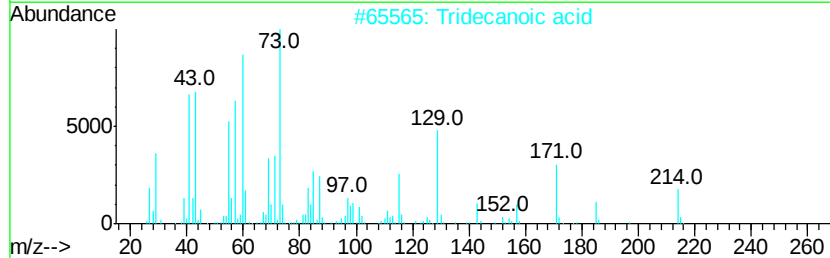
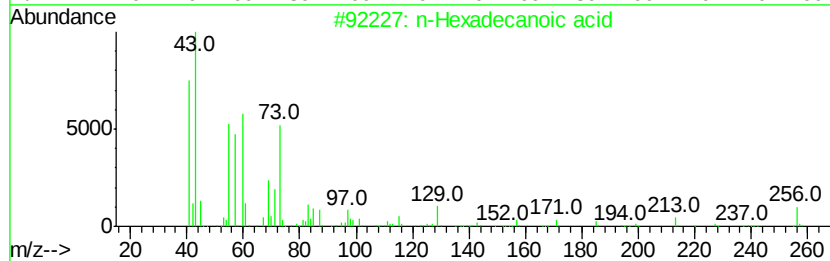
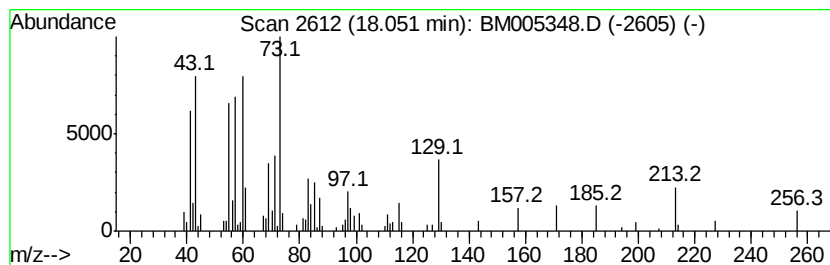
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	2.76 ng/ul	229935	Phenanthrene-d10	17.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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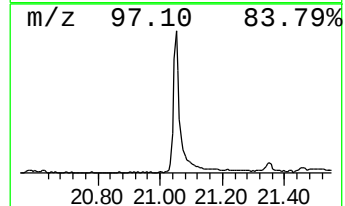
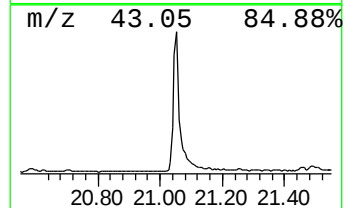
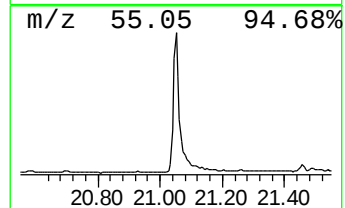
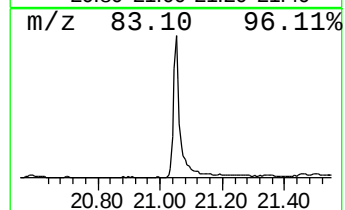
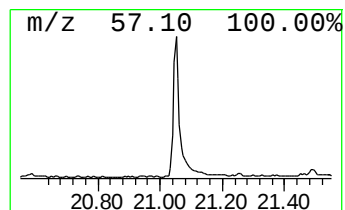
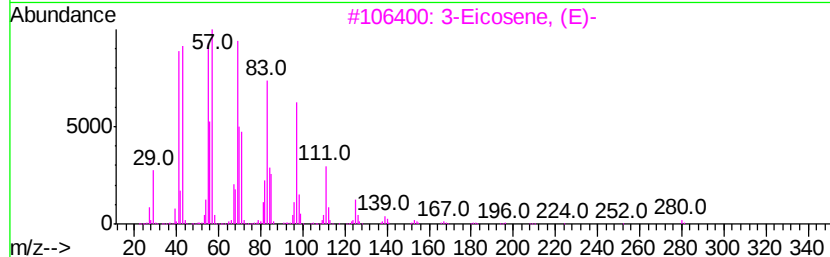
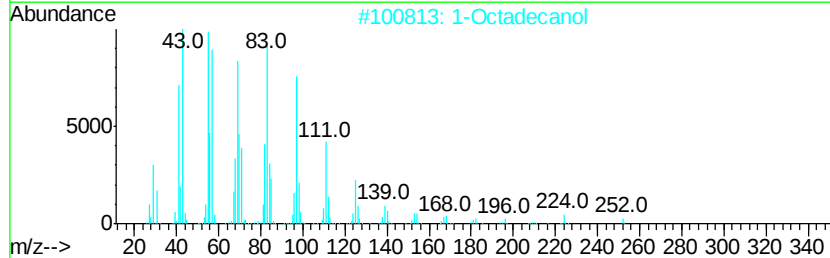
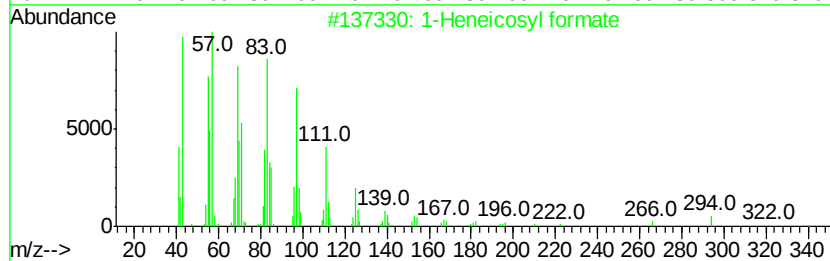
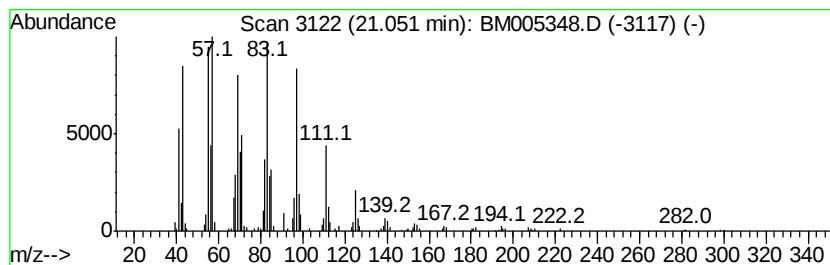
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Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.05	5.34 ng/ul	549629	Chrysene-d12	21.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.05	2.8	ng/ul	229935	4	17.16	1667960	20.0
1-Heneicosyl formate	21.05	5.3	ng/ul	549629	5	21.35	2060110	20.0