

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050616\
 Data File : BM005281.D
 Acq On : 06 May 2016 21:56
 Operator : UM/SJ
 Sample : H2820-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD391

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	718	723	740	rVB	227134	377437	16.57%	1.574%
2	7.104	745	751	762	rBV	198788	312141	13.70%	1.302%
3	7.304	780	785	796	rBV	236252	379234	16.65%	1.582%
4	7.769	856	864	874	rBV	268437	450679	19.79%	1.880%
5	8.475	978	984	998	rBV	323563	520856	22.87%	2.173%
6	8.928	1055	1061	1069	rBV	247705	403476	17.71%	1.683%
7	9.645	1177	1183	1193	rBV	209074	343370	15.07%	1.432%
8	10.181	1269	1274	1292	rBV	309573	541880	23.79%	2.260%
9	10.557	1331	1338	1347	rBV	456877	762173	33.46%	3.179%
10	10.698	1356	1362	1378	rBV	277870	509956	22.39%	2.127%
11	13.822	1887	1893	1897	rBV	733857	1039695	45.64%	4.337%
12	13.869	1897	1901	1908	rVB	308502	422478	18.55%	1.762%
13	14.104	1935	1941	1951	rBV	818212	1189043	52.20%	4.960%
14	14.304	1969	1975	1980	rBV	26886	34807	1.53%	0.145%
15	14.416	1986	1994	2004	rVB2	729999	1146485	50.33%	4.783%
16	14.622	2024	2029	2047	rBV	222737	399725	17.55%	1.667%
17	15.204	2123	2128	2133	rBV	15617	23651	1.04%	0.099%
18	15.257	2133	2137	2142	rVB	50463	60826	2.67%	0.254%
19	15.410	2156	2163	2172	rVB	1064115	1602887	70.37%	6.686%
20	15.533	2178	2184	2196	rVB	295647	410304	18.01%	1.712%
21	15.651	2198	2204	2210	rBV5	19479	40949	1.80%	0.171%
22	16.121	2279	2284	2295	rBV	66476	114397	5.02%	0.477%
23	16.910	2412	2418	2422	rBV	54269	69522	3.05%	0.290%
24	16.963	2422	2427	2433	rVB3	16059	26283	1.15%	0.110%
25	17.163	2454	2461	2467	rBV2	970013	1467829	64.44%	6.123%
26	17.257	2471	2477	2488	rVB	1226583	1832825	80.46%	7.646%
27	17.651	2540	2544	2550	rVB	30719	37926	1.66%	0.158%
28	18.051	2607	2612	2622	rBV	93472	152751	6.71%	0.637%
29	19.192	2802	2806	2812	rBV2	16470	25411	1.12%	0.106%
30	19.333	2826	2830	2834	rBV2	31101	42101	1.85%	0.176%
31	19.556	2862	2868	2880	rBV2	1617255	2273712	99.82%	9.485%
32	21.051	3117	3122	3140	rBV	210909	364873	16.02%	1.522%
33	21.350	3168	3173	3184	rBV	1473911	1904241	83.60%	7.944%
34	21.927	3268	3271	3274	rBV	18557	24902	1.09%	0.104%

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35	22.397	3347	3351	3358	rBV	34702	45521	2.00%	0.190%
36	22.527	3370	3373	3379	rVB	18208	23053	1.01%	0.096%
37	22.909	3434	3438	3443	rVB	51217	71901	3.16%	0.300%
38	23.480	3527	3535	3547	rBV2	1203894	2277857	100.00%	9.502%
39	23.627	3552	3560	3570	rVV	929406	1812771	79.58%	7.562%
40	24.133	3640	3646	3652	rVB	71715	131352	5.77%	0.548%
41	24.221	3657	3661	3673	rVB4	25678	66918	2.94%	0.279%
42	24.880	3768	3773	3783	rVB	57335	126473	5.55%	0.528%
43	25.762	3917	3923	3933	rVB	42340	107454	4.72%	0.448%

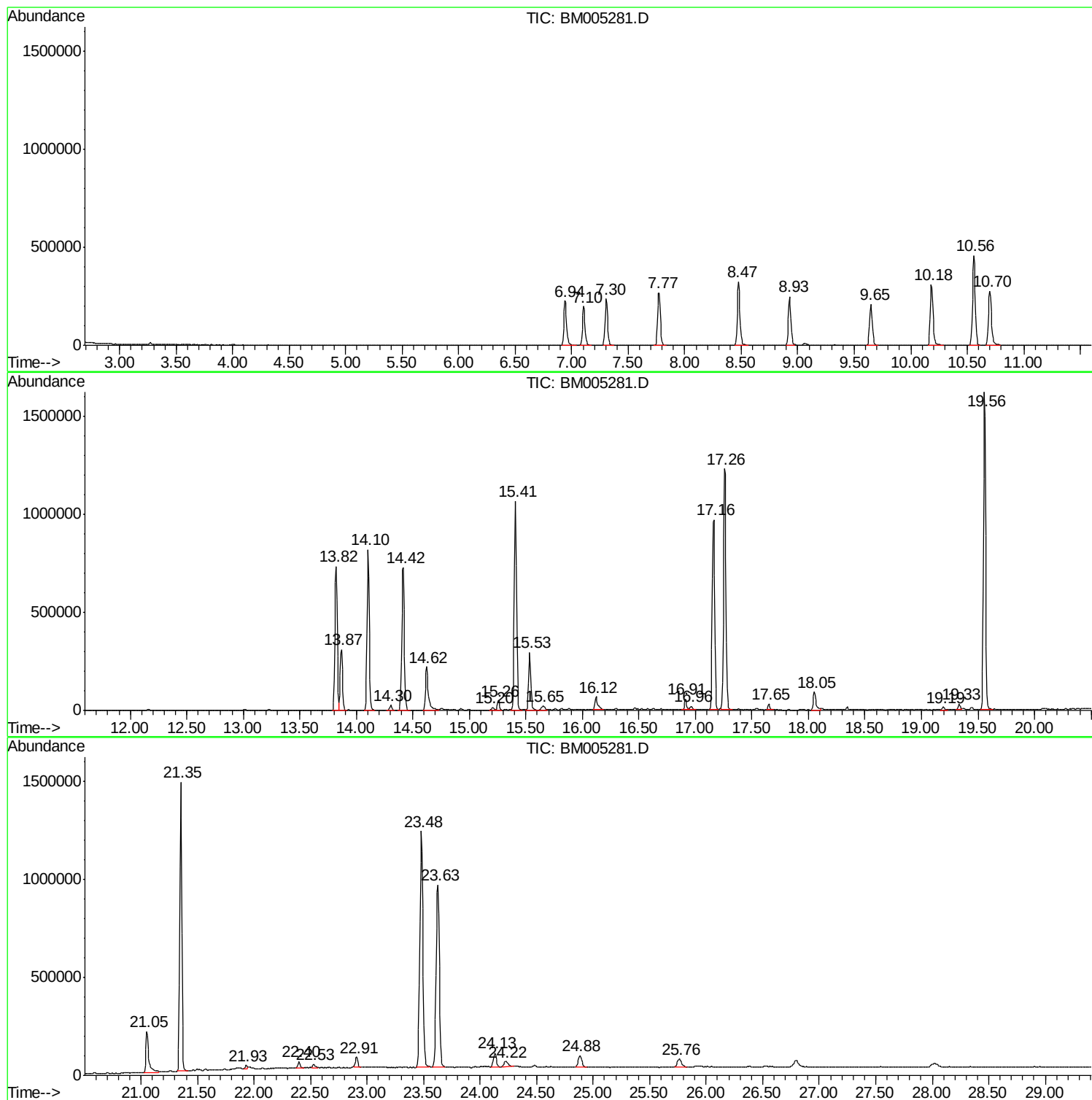
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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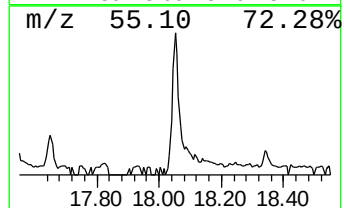
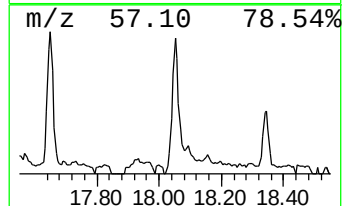
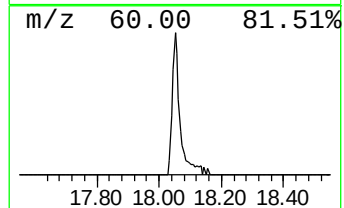
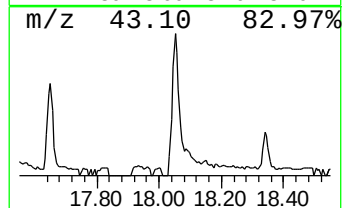
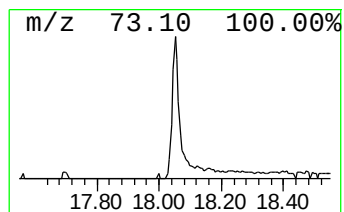
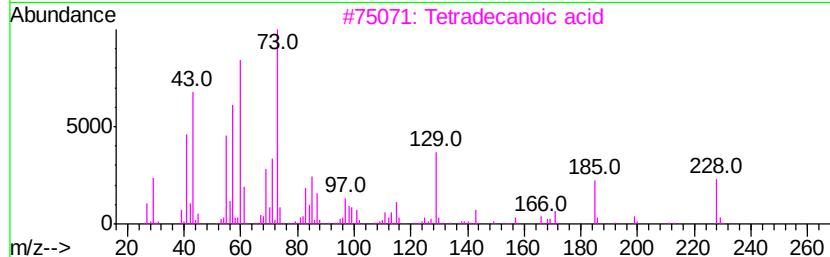
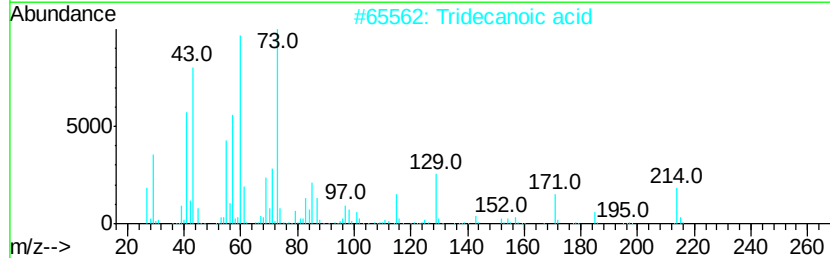
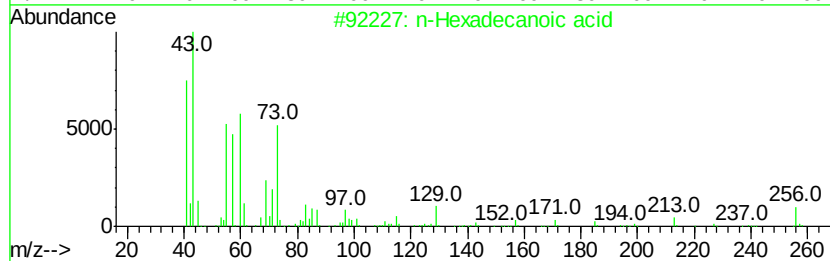
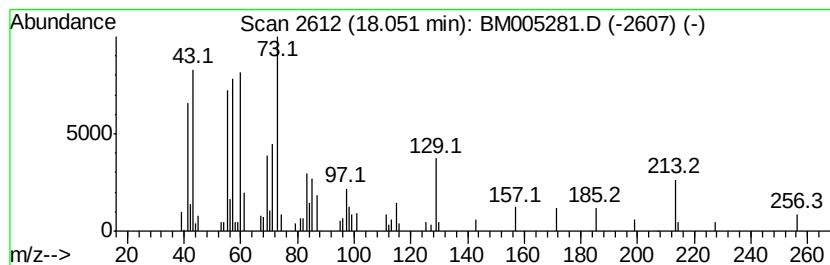
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	2.08 ng/ul	152751	Phenanthrene-d10		17.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
2	Tridecanoic acid		214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	68
5	Tridecanoic acid		214	C13H26O2	000638-53-9	68



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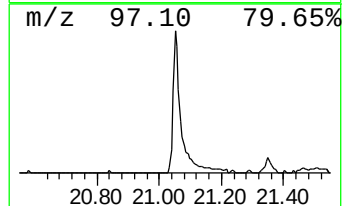
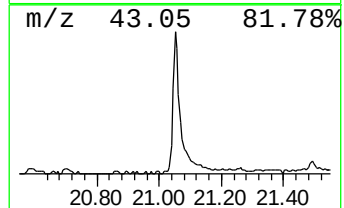
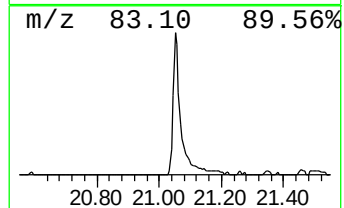
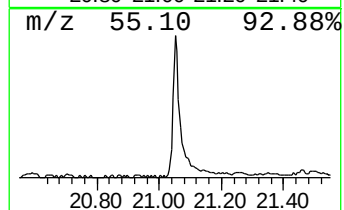
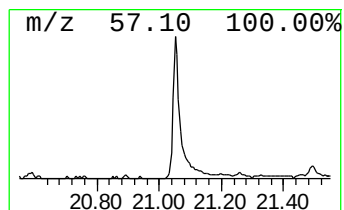
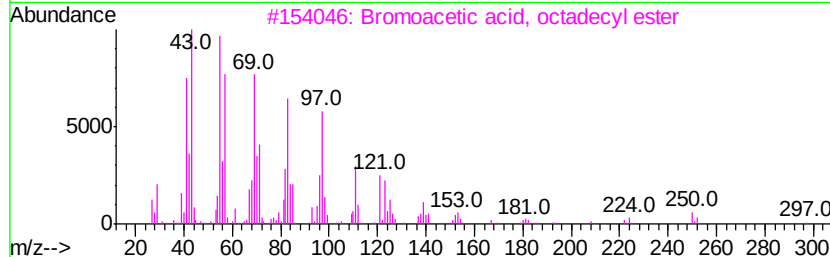
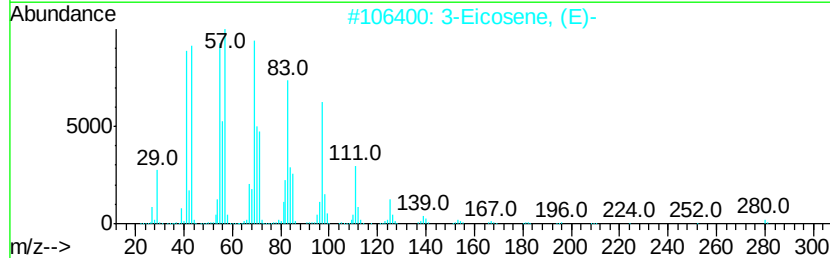
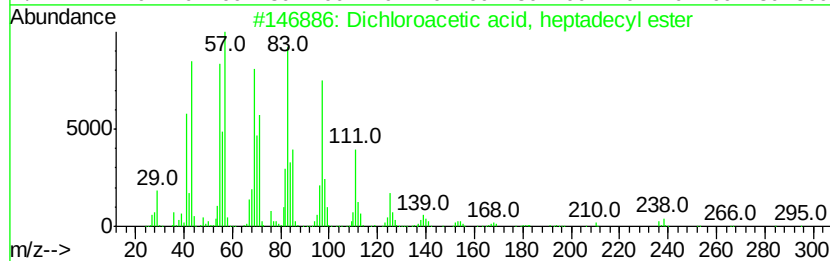
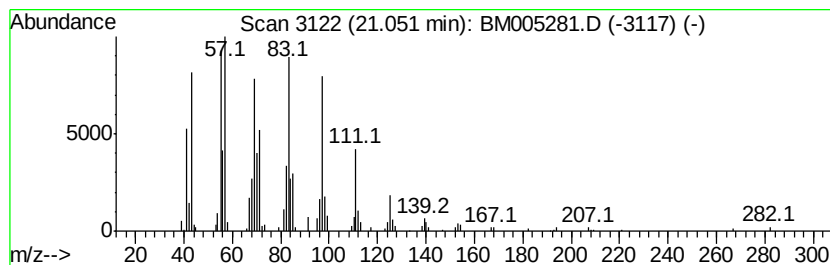
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Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.83 ng/ul	364873	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.05	2.1	ng/ul	152751	4	17.16	1467830	20.0
Dichloroacetic ac...	21.05	3.8	ng/ul	364873	5	21.35	1904240	20.0