

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008901.D
 Acq On : 27 Jan 2017 07:33
 Operator : SJ/MA
 Sample : I1426-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMY8

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-BM012317.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	3.381	132	135	142	rVB	43902	58639	1.67%	0.150%
2	7.075	756	763	775	rVB	879388	1479961	42.16%	3.788%
3	7.257	784	794	804	rBV	524896	831394	23.68%	2.128%
4	7.451	820	827	835	rBV	847767	1323402	37.70%	3.387%
5	7.928	901	908	915	rBV	457424	742625	21.15%	1.901%
6	8.616	1018	1025	1034	rBV	909822	1472733	41.95%	3.769%
7	9.092	1098	1106	1114	rBV	875981	1419008	40.42%	3.632%
8	9.810	1220	1228	1235	rBV	775930	1267811	36.11%	3.245%
9	10.339	1310	1318	1328	rBV	1010929	1609033	45.83%	4.118%
10	10.727	1377	1384	1391	rBV	562482	928053	26.44%	2.375%
11	10.863	1399	1407	1416	rBV	867326	1457335	41.51%	3.730%
12	13.968	1928	1935	1939	rBV	1603332	2143232	61.05%	5.486%
13	14.015	1939	1943	1948	rVB	132988	180094	5.13%	0.461%
14	14.257	1977	1984	1993	rBV	1642363	2290892	65.26%	5.864%
15	14.562	2028	2036	2045	rVB	802054	1151785	32.81%	2.948%
16	14.745	2060	2067	2075	rBV	948673	1357588	38.67%	3.475%
17	15.386	2172	2176	2182	rVB	45222	58301	1.66%	0.149%
18	15.557	2197	2205	2214	rVB	1996350	2778782	79.15%	7.112%
19	15.662	2217	2223	2233	rVB	784336	1104993	31.48%	2.828%
20	15.792	2237	2245	2249	rBV5	35002	62262	1.77%	0.159%
21	16.251	2318	2323	2332	rBV2	68229	119569	3.41%	0.306%
22	17.045	2452	2458	2462	rBV	47803	60886	1.73%	0.156%
23	17.309	2497	2503	2508	rBV	983760	1400574	39.90%	3.585%
24	17.409	2512	2520	2530	rVB	2144010	3083860	87.84%	7.893%
25	18.180	2645	2651	2657	rBV2	181161	254990	7.26%	0.653%
26	19.327	2840	2846	2853	rBV5	29722	58980	1.68%	0.151%
27	19.450	2860	2867	2873	rBV5	76282	108297	3.08%	0.277%
28	19.580	2886	2889	2894	rBV3	25275	38038	1.08%	0.097%
29	19.697	2902	2909	2915	rBV	2623998	3510615	100.00%	8.985%
30	21.162	3155	3158	3163	rBV3	265871	312832	8.91%	0.801%
31	21.474	3206	3211	3217	rVB	1340179	1625206	46.29%	4.160%
32	23.685	3579	3587	3594	rBV	1678658	3265242	93.01%	8.357%
33	23.832	3605	3612	3624	rVB	741818	1512934	43.10%	3.872%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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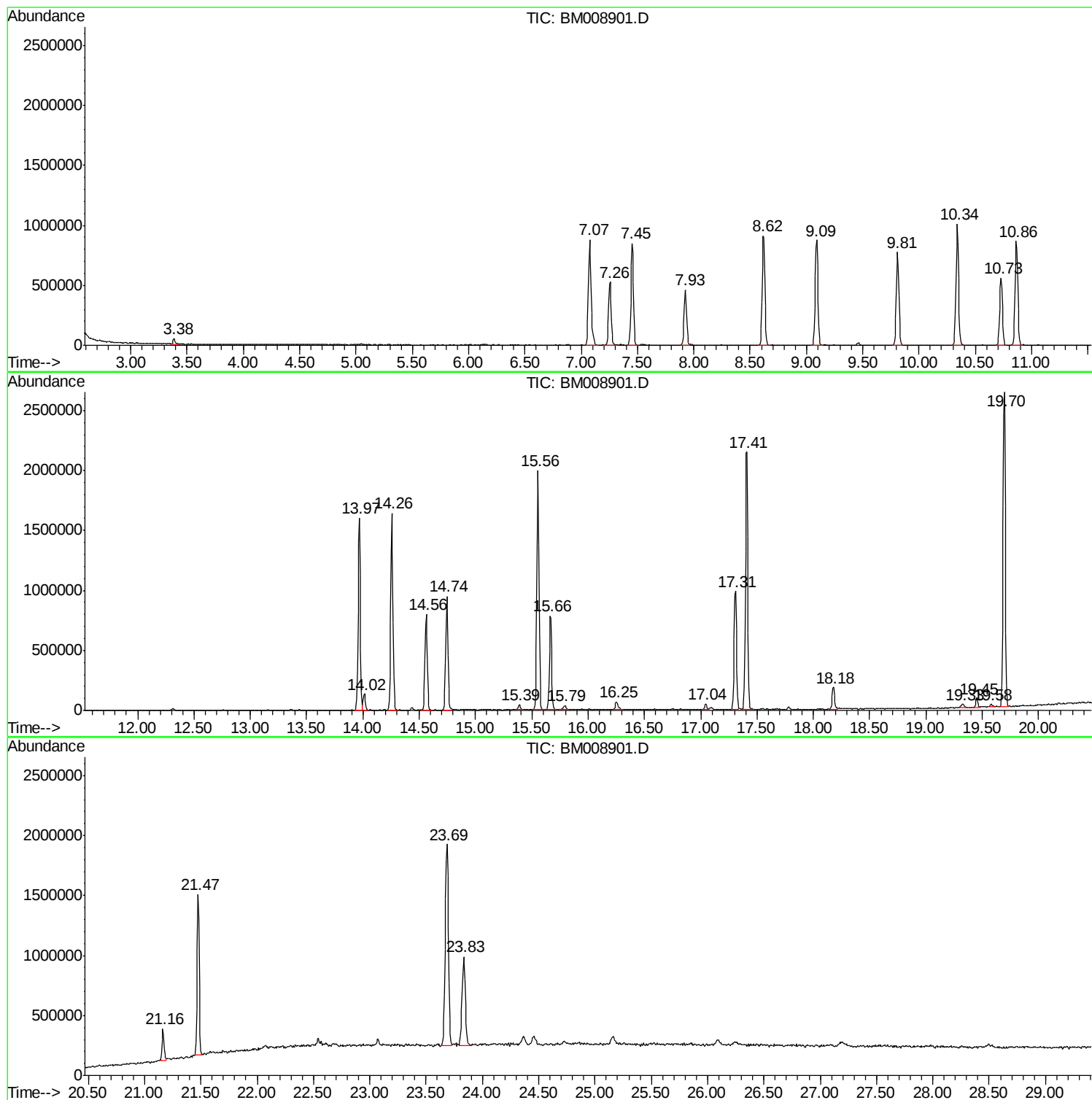
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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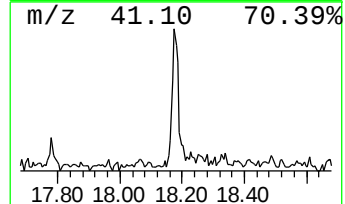
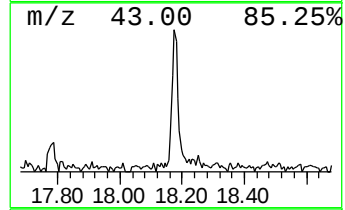
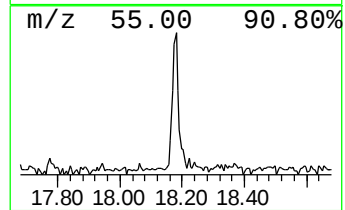
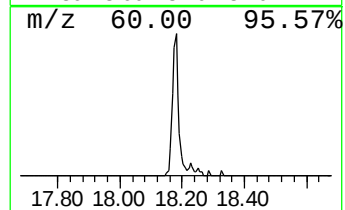
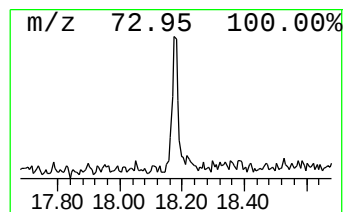
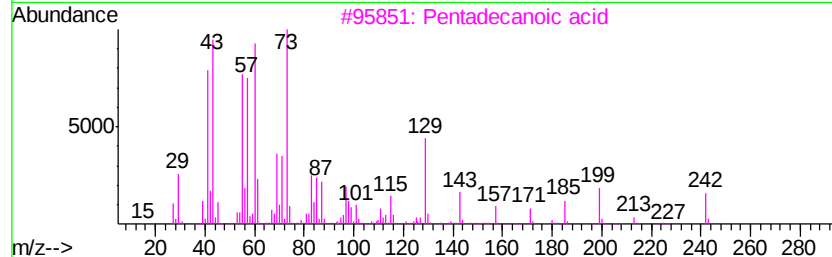
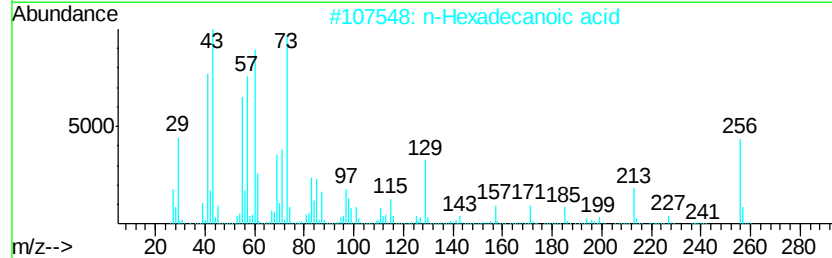
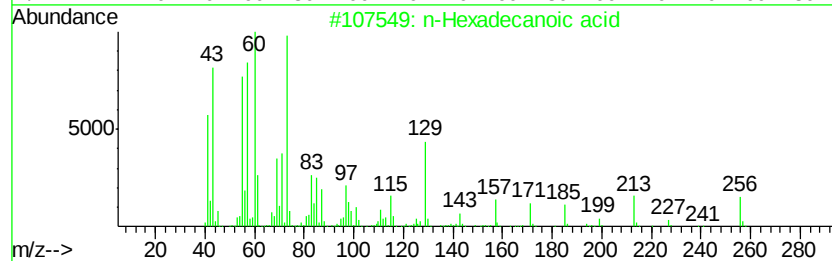
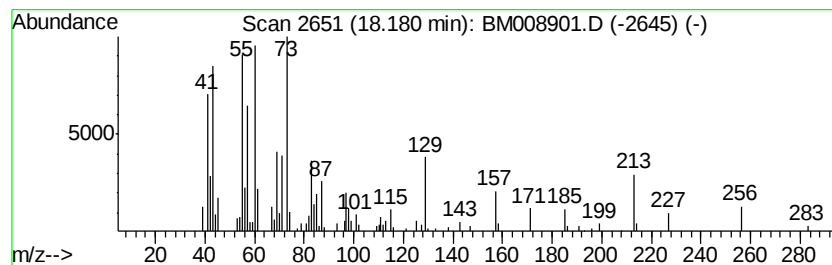
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.18	3.64 ng/ul	254990	Phenanthrene-d10		17.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62



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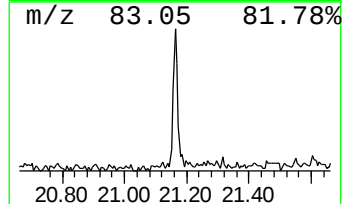
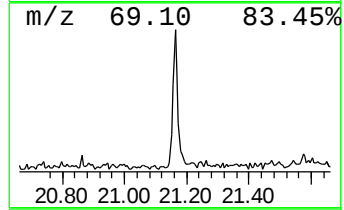
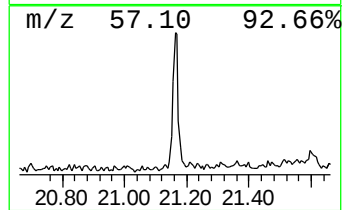
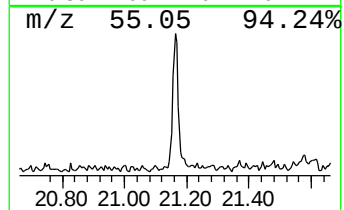
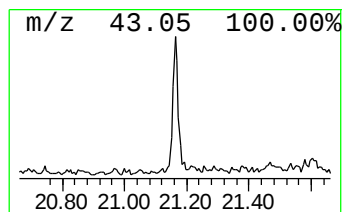
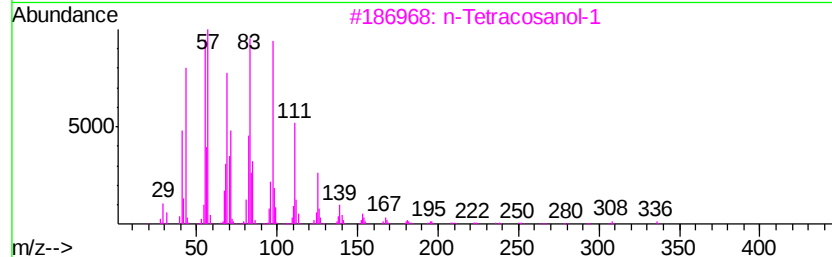
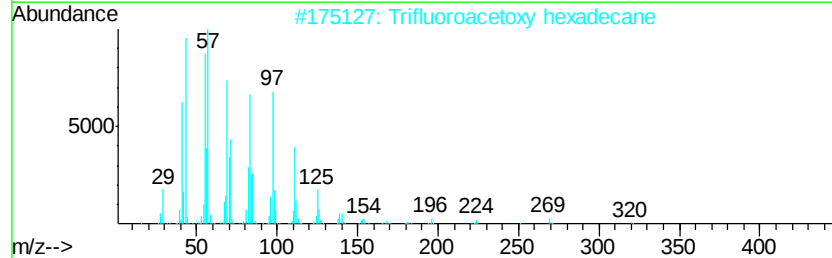
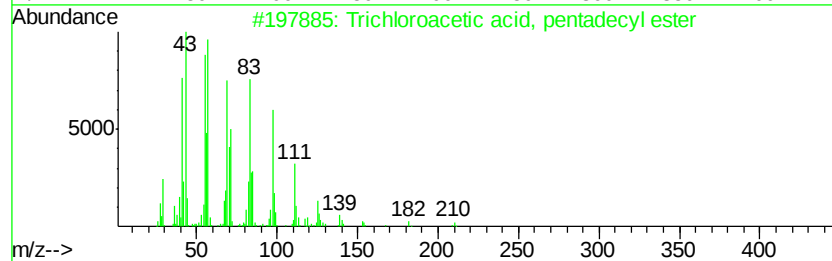
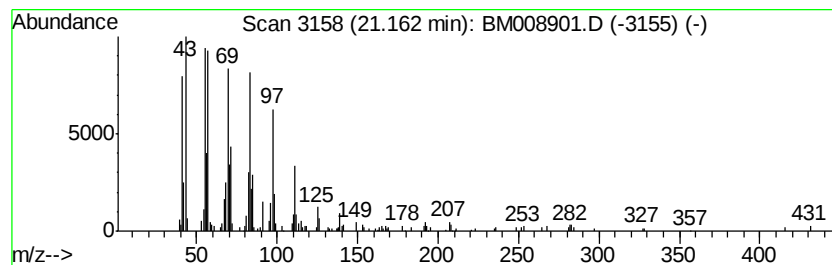
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Peak Number 2 Trichloroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.85 ng/ul	312832	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.18	3.6	ng/ul	254990	4	17.31	1400570	20.0
Trichloroacetic a...	21.16	3.9	ng/ul	312832	5	21.47	1625210	20.0