

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013704.D
 Acq On : 22 Jan 2018 21:12
 Operator : SJ/JU
 Sample : J1174-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A58

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	3.158	26	29	38	rVB	35542	48773	1.53%	0.143%
2	6.793	640	647	660	rBV2	581278	1057371	33.27%	3.102%
3	6.957	668	675	684	rBV	437253	673170	21.18%	1.975%
4	7.146	701	707	721	rVB	628186	973086	30.62%	2.855%
5	7.610	779	786	794	rBV	526969	853961	26.87%	2.505%
6	8.322	900	907	917	rBV	720791	1176351	37.02%	3.451%
7	8.763	976	982	991	rBV	579613	970765	30.55%	2.848%
8	9.169	1043	1051	1057	rVB3	26152	43438	1.37%	0.127%
9	9.481	1097	1104	1112	rBV	484039	813580	25.60%	2.387%
10	10.016	1188	1195	1206	rBV	688099	1176491	37.02%	3.451%
11	10.387	1251	1258	1266	rBV	657331	1122122	35.31%	3.292%
12	10.534	1275	1283	1301	rBV	617445	1119148	35.22%	3.283%
13	13.680	1811	1818	1822	rBV	1129316	1613267	50.76%	4.733%
14	13.727	1822	1826	1833	rVB	348714	504356	15.87%	1.480%
15	13.951	1857	1864	1876	rBV	1404382	1989741	62.61%	5.837%
16	14.169	1894	1901	1906	rBV2	42630	55605	1.75%	0.163%
17	14.263	1910	1917	1926	rVV2	872059	1356606	42.69%	3.980%
18	14.492	1950	1956	1969	rBV	250875	541364	17.03%	1.588%
19	15.069	2050	2054	2058	rBV	26123	38883	1.22%	0.114%
20	15.127	2059	2064	2068	rVB2	45439	62898	1.98%	0.185%
21	15.263	2080	2087	2093	rBV	1625726	2319944	73.00%	6.806%
22	15.398	2103	2110	2121	rBV	303145	464363	14.61%	1.362%
23	15.504	2124	2128	2132	rBV4	23853	38876	1.22%	0.114%
24	15.986	2207	2210	2218	rBV3	40012	61612	1.94%	0.181%
25	16.780	2339	2345	2351	rBV6	29390	49329	1.55%	0.145%
26	17.015	2378	2385	2391	rBV2	1166835	1654216	52.05%	4.853%
27	17.110	2394	2401	2411	rBV	1725342	2504497	78.81%	7.347%
28	17.521	2466	2471	2475	rBV4	22482	31830	1.00%	0.093%
29	17.915	2534	2538	2545	rBV3	125899	202377	6.37%	0.594%
30	19.057	2727	2732	2735	rBV5	26216	44056	1.39%	0.129%
31	19.209	2753	2758	2763	rBV5	53533	84441	2.66%	0.248%
32	19.415	2787	2793	2801	rBV	2182900	2917849	91.81%	8.560%
33	20.933	3047	3051	3059	rVB5	143739	228718	7.20%	0.671%
34	21.209	3093	3098	3107	rBV	1543443	2079989	65.45%	6.102%

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35	23.274	3442	3449	3458	rVB2	1668009	3178008	100.00%	9.323%
36	23.409	3466	3472	3482	rVB	1071114	2037715	64.12%	5.978%

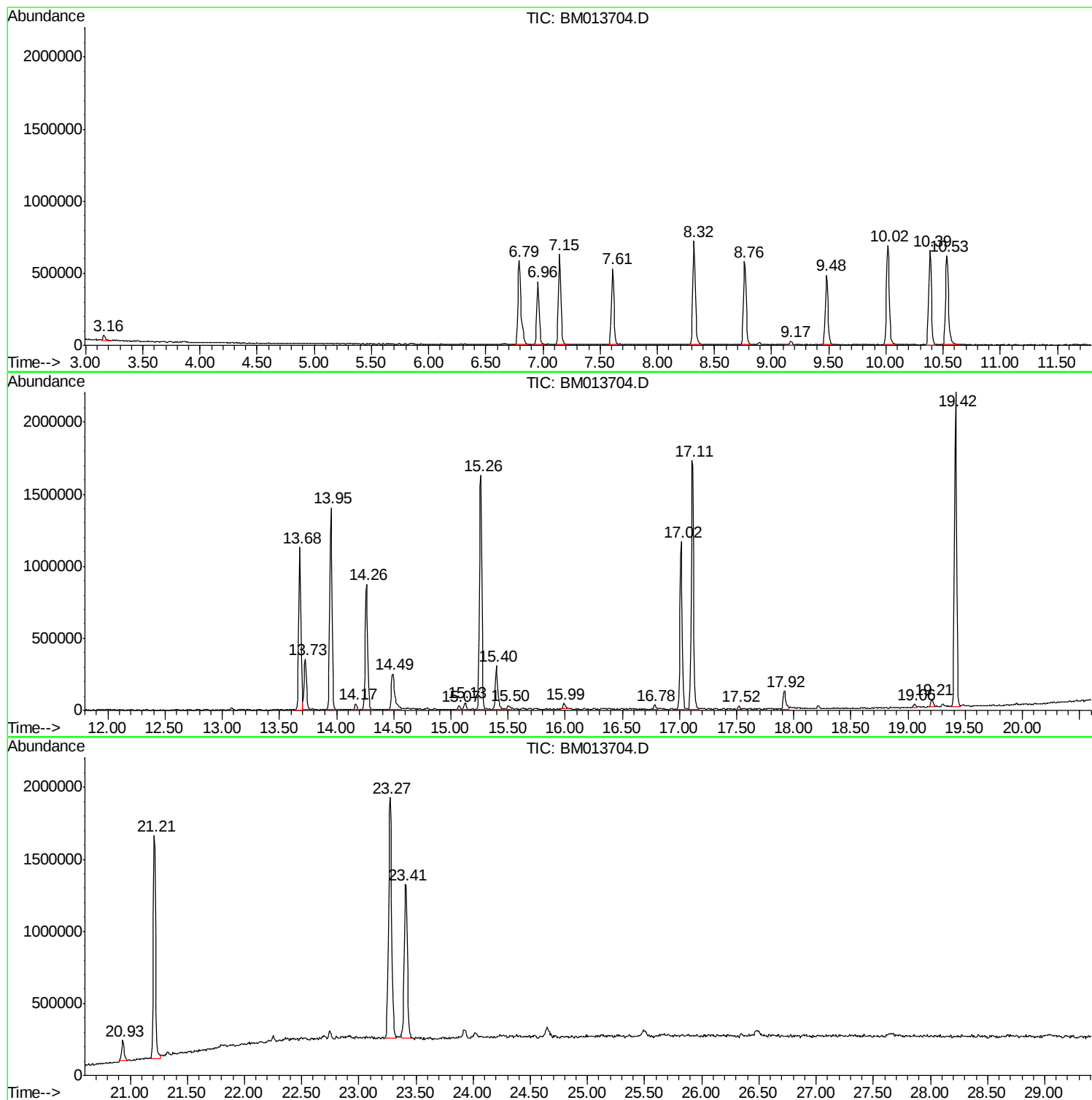
Sum of corrected areas: 34088796

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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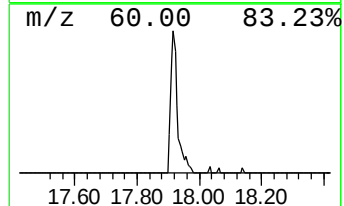
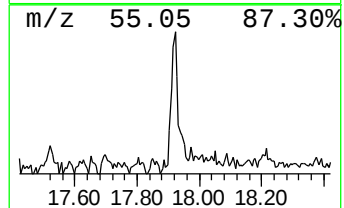
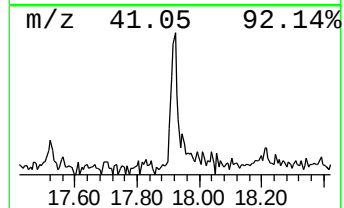
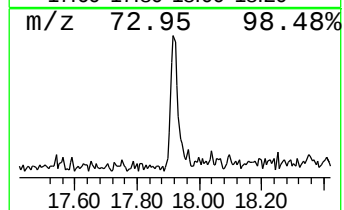
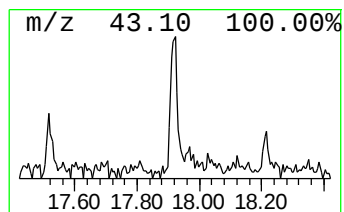
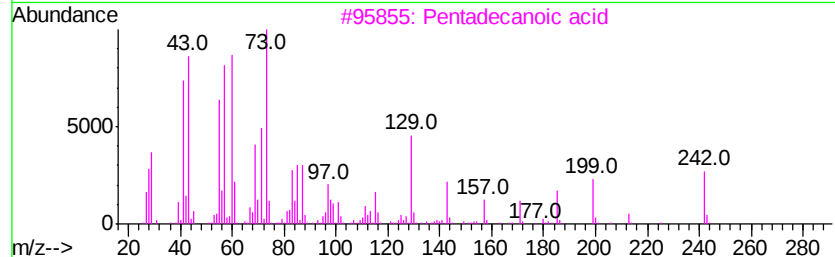
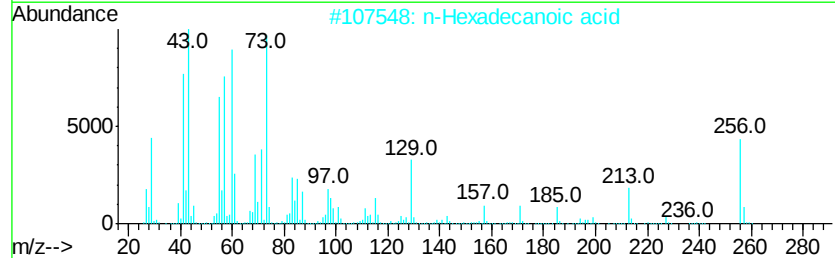
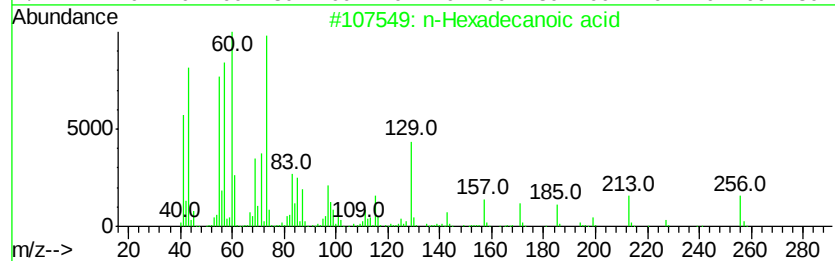
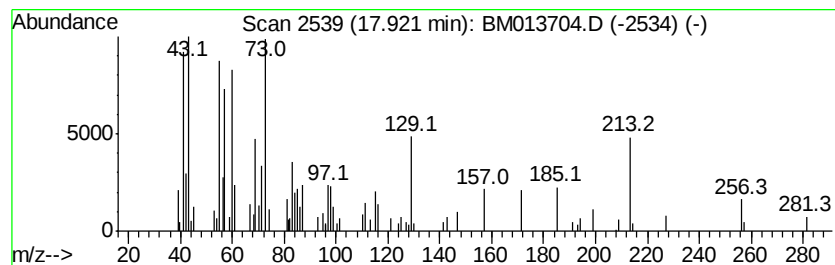
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	2.45 ng/ul	202377	Phenanthrene-d10		17.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	72
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	59
4	Tridecanoic acid		214	C13H26O2	000638-53-9	53
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	53



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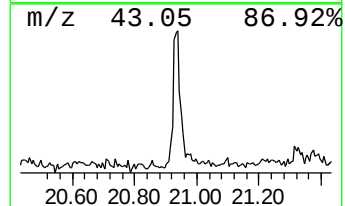
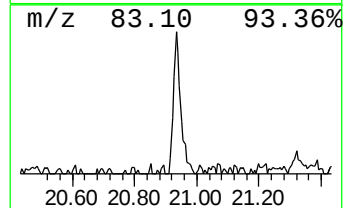
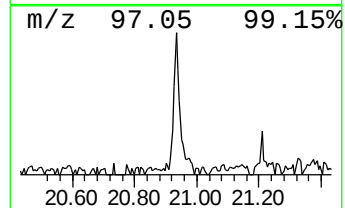
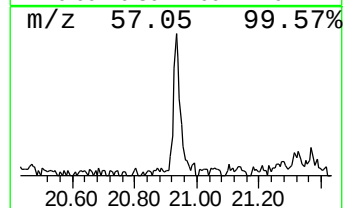
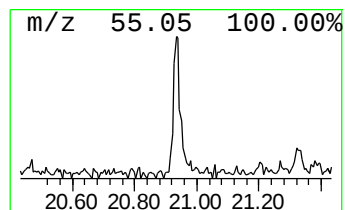
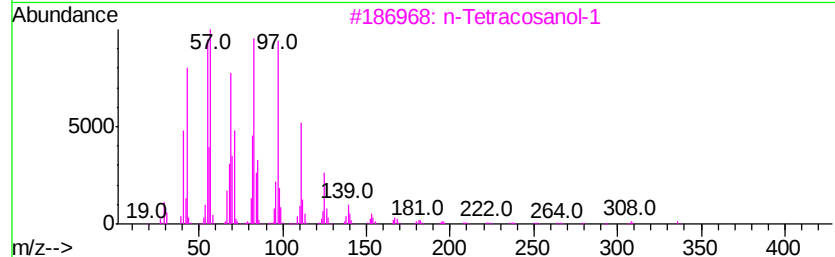
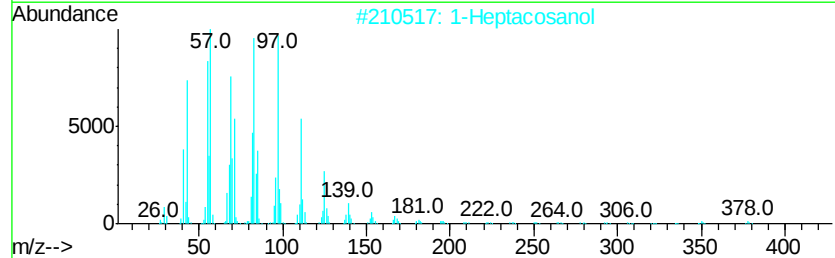
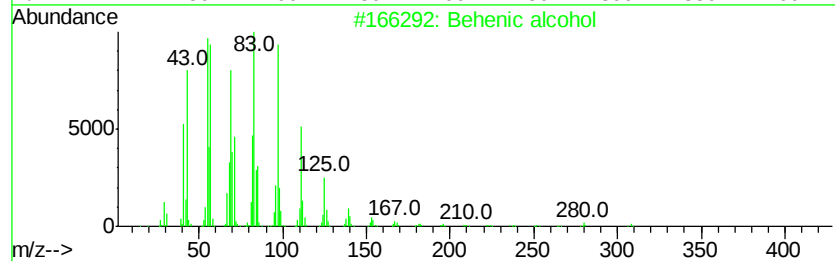
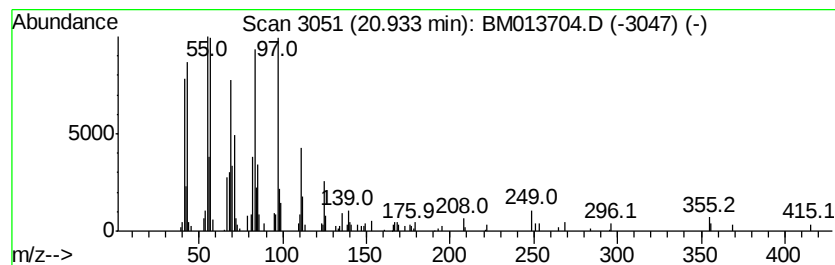
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Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.20 ng/ul	228718	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		1-Heptacosanol	396 C27H56O	002004-39-9 94
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
4		1-Heneicosanol	312 C21H44O	015594-90-8 94
5		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.5	ng/ul	202377	4	17.02	1654220	20.0
Behenic alcohol	20.93	2.2	ng/ul	228718	5	21.21	2079990	20.0