

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014078.D
 Acq On : 01 Feb 2018 17:58
 Operator : SJ/JU
 Sample : J1316-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C98

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-BM013118.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	6.745	633	639	655	rBV	338145	652277	23.96%	2.414%
2	6.904	659	666	679	rVB	272435	453482	16.66%	1.679%
3	7.092	692	698	714	rVB	400963	700276	25.73%	2.592%
4	7.557	771	777	790	rBV	318838	560487	20.59%	2.075%
5	8.275	892	899	914	rBV	413267	768165	28.22%	2.843%
6	8.716	967	974	989	rBV	397792	721597	26.51%	2.671%
7	9.104	1034	1040	1044	rBV5	20639	29896	1.10%	0.111%
8	9.433	1090	1096	1112	rBV	324681	614356	22.57%	2.274%
9	9.969	1181	1187	1199	rBV	428606	849967	31.23%	3.146%
10	10.328	1241	1248	1260	rBV	433420	754307	27.71%	2.792%
11	10.486	1267	1275	1294	rBV2	238616	594275	21.83%	2.200%
12	13.633	1802	1810	1815	rBV	777450	1145788	42.09%	4.241%
13	13.680	1815	1818	1826	rVB	160470	277805	10.21%	1.028%
14	13.904	1849	1856	1867	rBV	1082567	1635815	60.10%	6.055%
15	14.121	1888	1893	1899	rVB	48852	66058	2.43%	0.245%
16	14.216	1902	1909	1920	rVB2	635900	1027508	37.75%	3.803%
17	14.463	1944	1951	1965	rBV3	155044	450634	16.56%	1.668%
18	15.074	2050	2055	2059	rBV	61518	80253	2.95%	0.297%
19	15.215	2073	2079	2089	rBV	1339273	1986399	72.98%	7.352%
20	15.362	2099	2104	2118	rBV2	223222	428082	15.73%	1.584%
21	15.462	2118	2121	2128	rVB7	21317	47631	1.75%	0.176%
22	15.945	2197	2203	2209	rBV2	60091	97841	3.59%	0.362%
23	16.739	2333	2338	2342	rBV6	24701	33670	1.24%	0.125%
24	16.968	2371	2377	2385	rBV2	941786	1278619	46.97%	4.733%
25	17.068	2387	2394	2409	rBV	1473694	2206128	81.05%	8.166%
26	17.880	2527	2532	2541	rBV2	149905	265159	9.74%	0.981%
27	19.021	2722	2726	2729	rBV5	28222	42849	1.57%	0.159%
28	19.168	2746	2751	2760	rBV5	79222	152141	5.59%	0.563%
29	19.374	2780	2786	2794	rBV	1906846	2585080	94.97%	9.568%
30	20.892	3038	3044	3054	rBV3	343640	653763	24.02%	2.420%
31	21.174	3087	3092	3103	rBV	1138299	1602318	58.87%	5.931%
32	23.215	3433	3439	3450	rBV	1427346	2721921	100.00%	10.075%
33	23.356	3457	3463	3475	rVB	763149	1532310	56.30%	5.672%

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Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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

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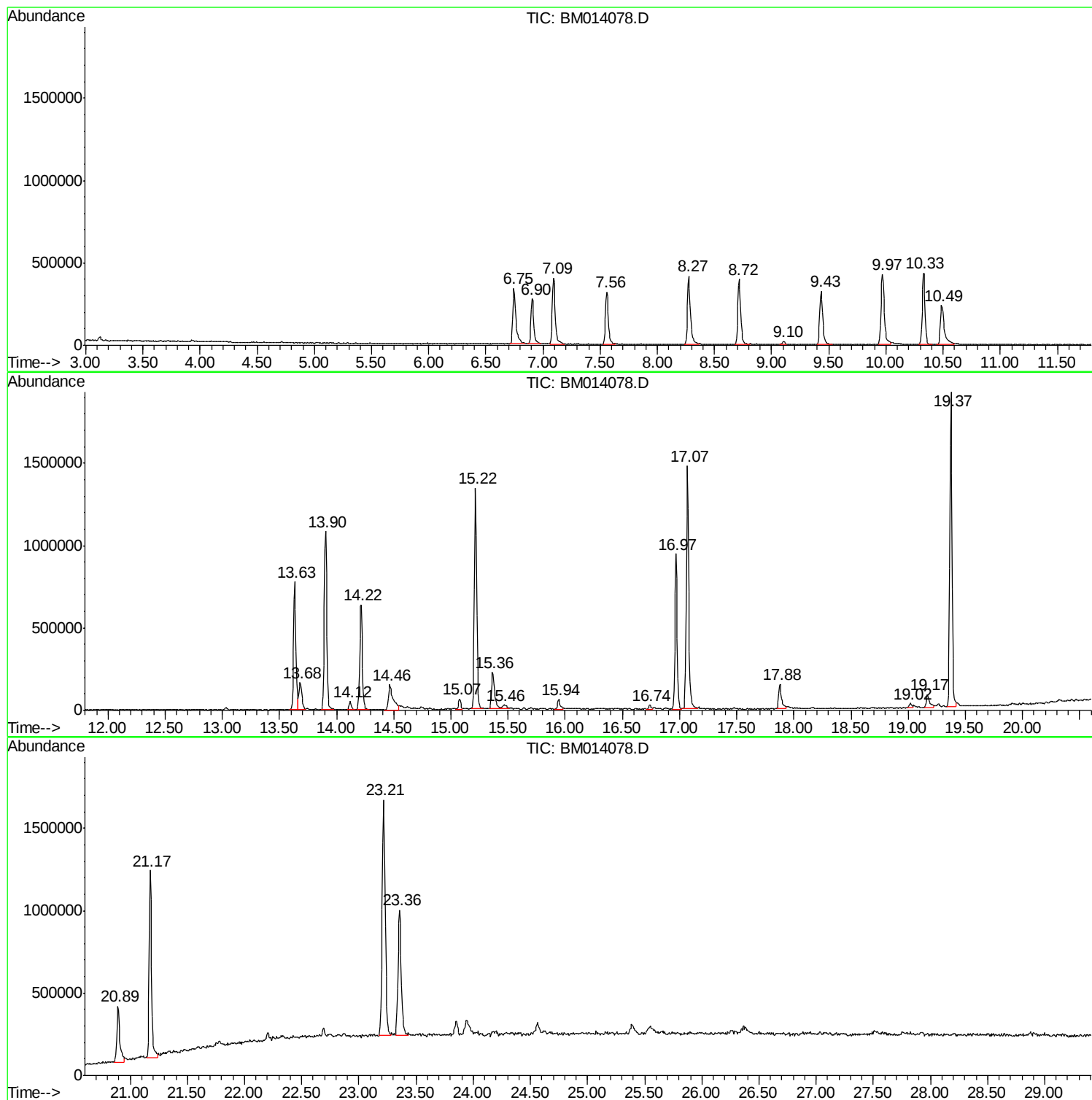
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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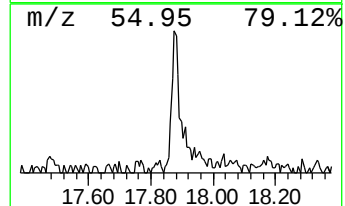
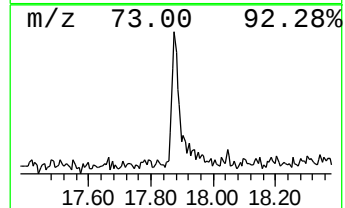
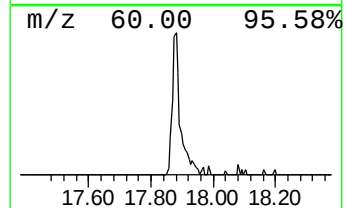
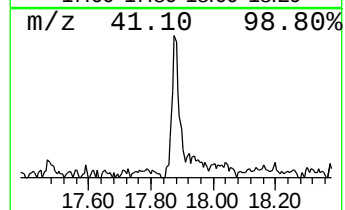
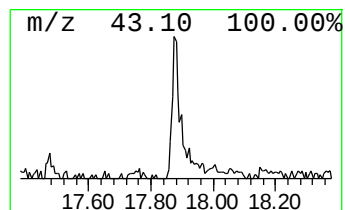
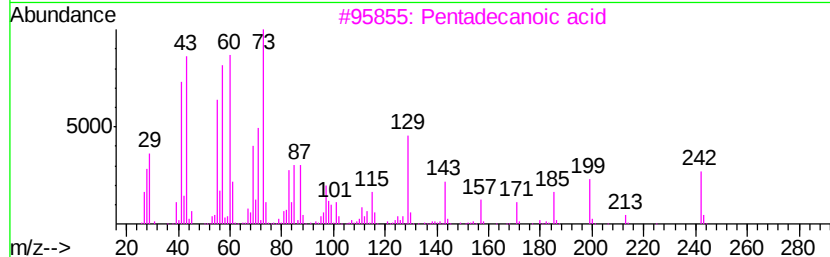
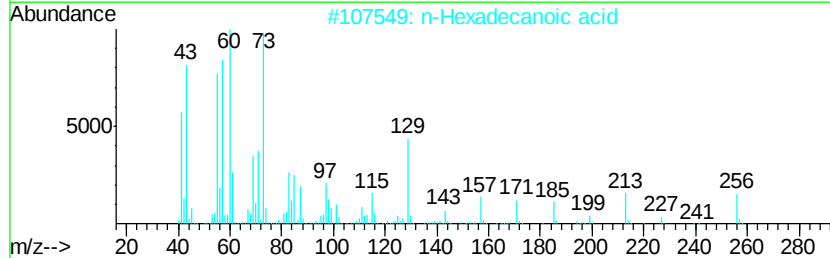
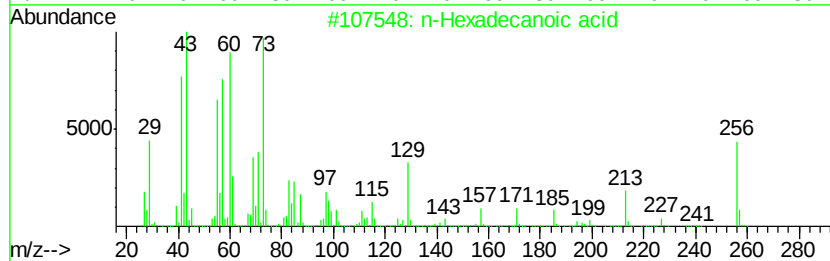
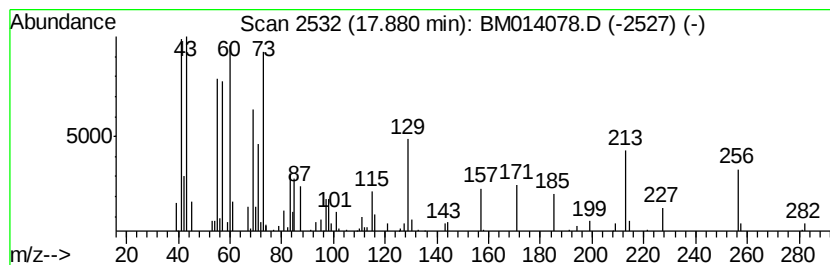
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.15 ng/ul	265159	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60	



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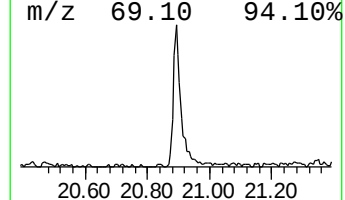
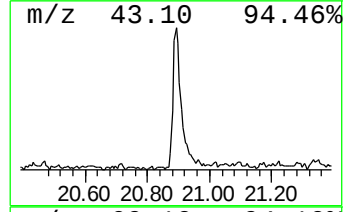
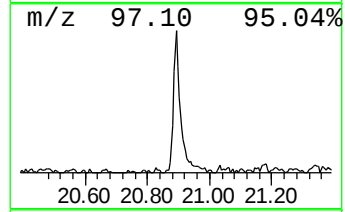
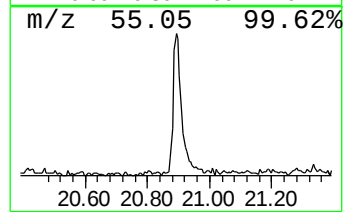
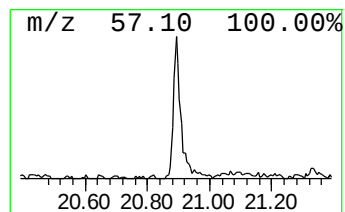
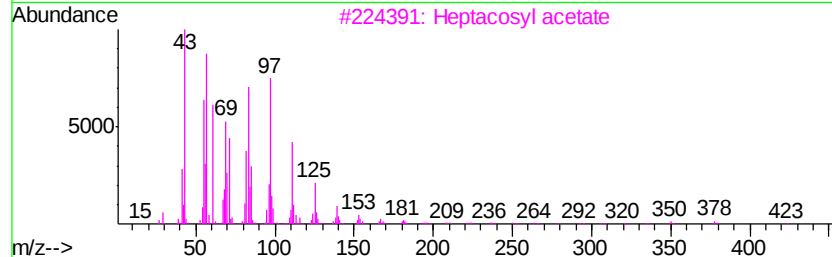
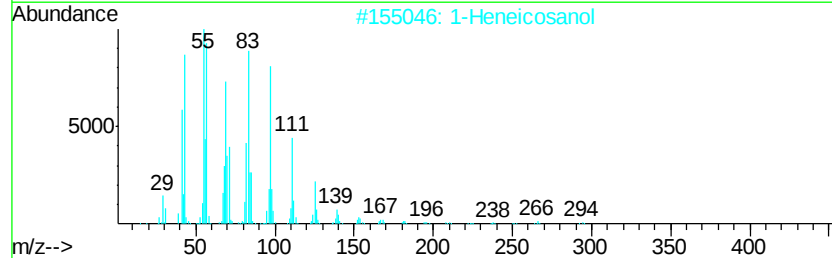
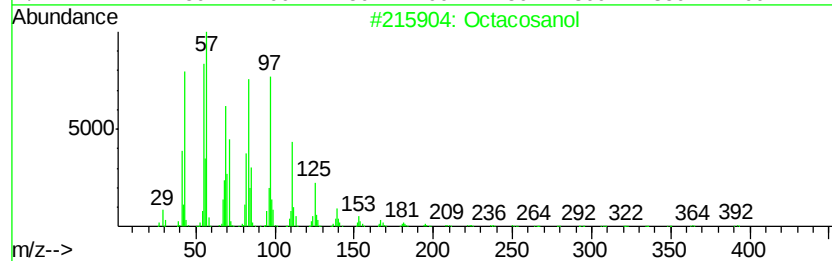
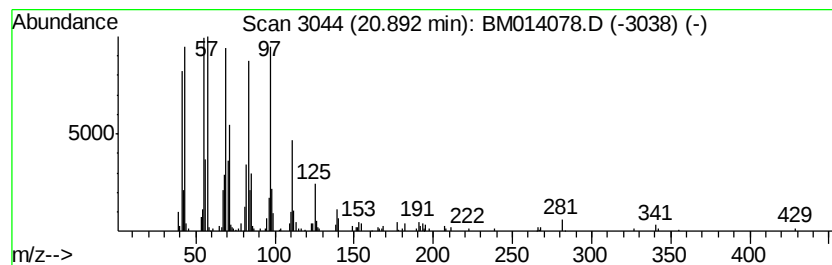
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Peak Number 2 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.16 ng/ul	653763	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosanol	410 C28H58O	000557-61-9	93
2	1-Heneicosanol	312 C21H44O	015594-90-8	93
3	Heptacosyl acetate	438 C29H58O2	1000351-78-2	93
4	1-Heptacosanol	396 C27H56O	002004-39-9	93
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	4.2	ng/ul	265159	4	16.97	1278620	20.0
Octacosanol	20.89	8.2	ng/ul	653763	5	21.17	1602320	20.0