

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
 Data File : BM007557.D
 Acq On : 24 Sep 2016 11:24
 Operator : UM/SJ
 Sample : H4855-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9015

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-BM092316.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	6.951	737	742	755	rVB	219903	381940	3.23%	0.415%
2	7.116	763	770	783	rBV	826817	1298838	11.00%	1.411%
3	7.316	797	804	815	rBV	893806	1465495	12.41%	1.592%
4	7.781	876	883	891	rBV	838981	1372446	11.62%	1.490%
5	8.481	995	1002	1018	rBV	743029	1285468	10.88%	1.396%
6	8.934	1072	1079	1089	rBV	1163797	1967662	16.66%	2.137%
7	9.651	1194	1201	1219	rVB	1044772	1762808	14.93%	1.914%
8	10.186	1285	1292	1312	rBV	1388284	2607036	22.07%	2.831%
9	10.563	1348	1356	1367	rVB	1285794	2189542	18.54%	2.378%
10	10.716	1375	1382	1396	rBV	67648	162039	1.37%	0.176%
11	13.821	1903	1910	1927	rBV	3391210	4956697	41.97%	5.383%
12	14.104	1950	1958	1971	rBV	3591293	5477983	46.38%	5.949%
13	14.410	2003	2010	2016	rBV	2360718	3493009	29.58%	3.793%
14	14.627	2042	2047	2066	rBV	196263	483945	4.10%	0.526%
15	15.404	2172	2179	2195	rBV	4882884	7298409	61.80%	7.926%
16	15.533	2195	2201	2216	rVV	1883699	2701537	22.87%	2.934%
17	17.157	2470	2477	2487	rBV	3234906	4684034	39.66%	5.087%
18	17.257	2487	2494	2505	rBV	6036294	8665257	73.37%	9.410%
19	18.045	2623	2628	2638	rBV	515384	809032	6.85%	0.879%
20	19.186	2817	2822	2829	rBV	94804	143705	1.22%	0.156%
21	19.327	2841	2846	2858	rBV	667646	1110261	9.40%	1.206%
22	19.439	2861	2865	2869	rVB	80112	121974	1.03%	0.132%
23	19.551	2877	2884	2896	rVB	7949313	11292883	95.62%	12.264%
24	21.339	3182	3188	3195	rBV	5184212	6921092	58.60%	7.516%
25	21.915	3283	3286	3290	rVB2	115856	141356	1.20%	0.154%
26	22.380	3362	3365	3371	rVB2	163651	211022	1.79%	0.229%
27	22.886	3448	3451	3456	rVB	192197	264620	2.24%	0.287%
28	23.462	3541	3549	3563	rVB2	6143765	11810571	100.00%	12.826%
29	23.603	3566	3573	3586	rVB	3359990	6569392	55.62%	7.134%
30	24.103	3655	3658	3665	rVB	256484	431611	3.65%	0.469%

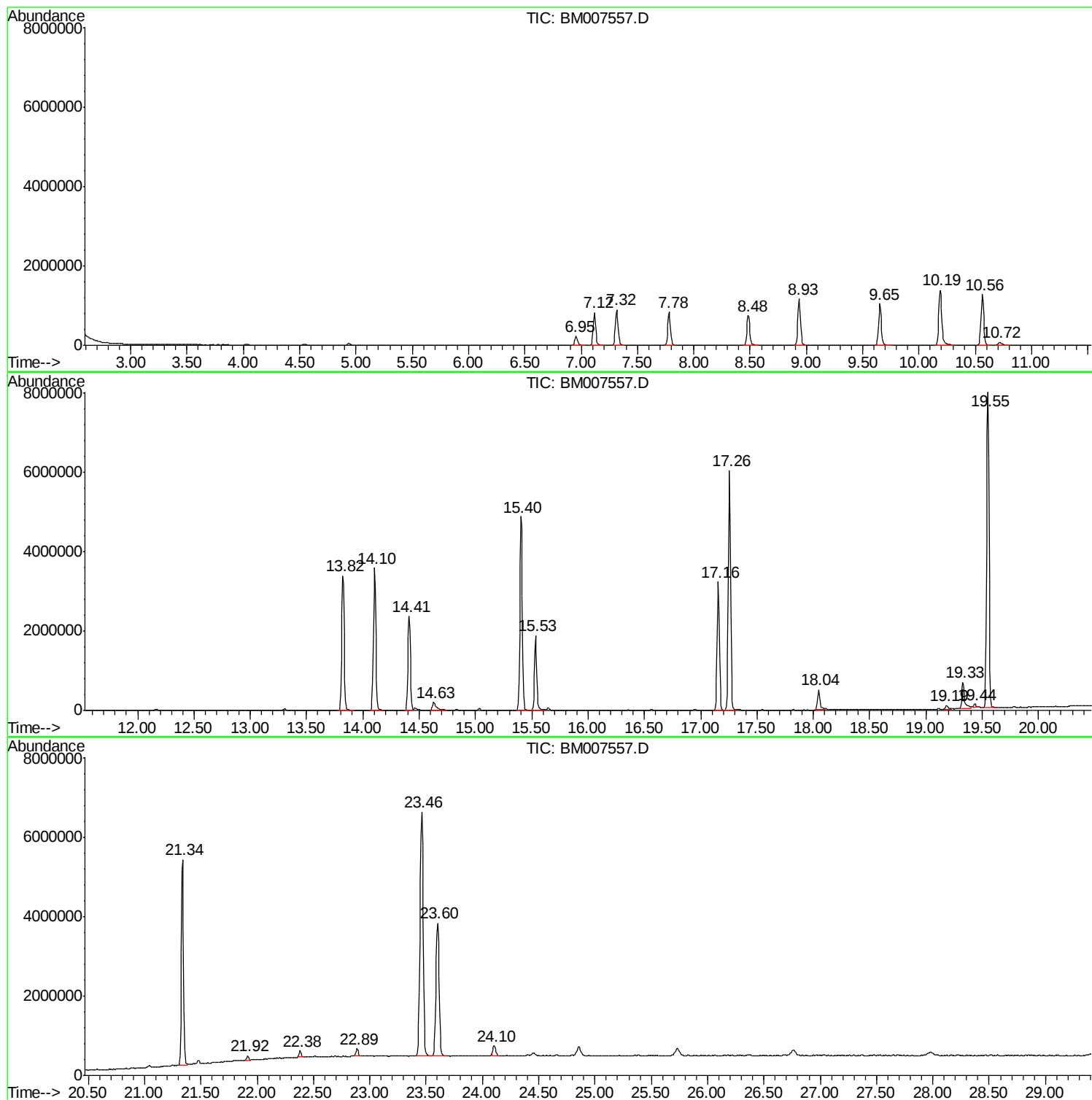
Sum of corrected areas: 92081664

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Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION

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



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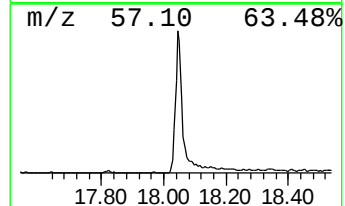
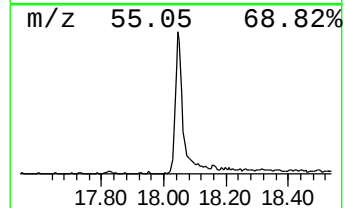
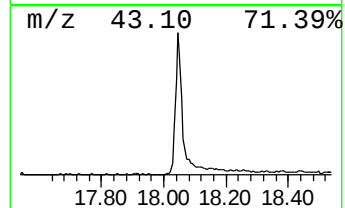
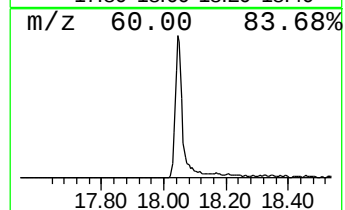
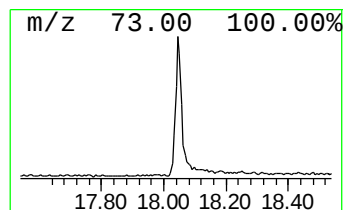
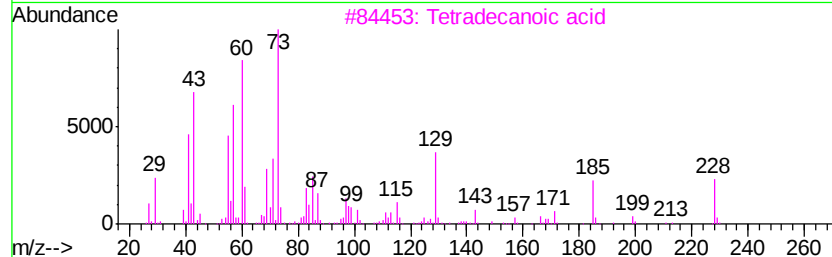
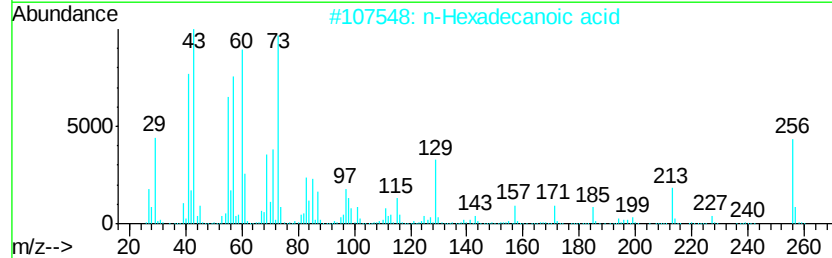
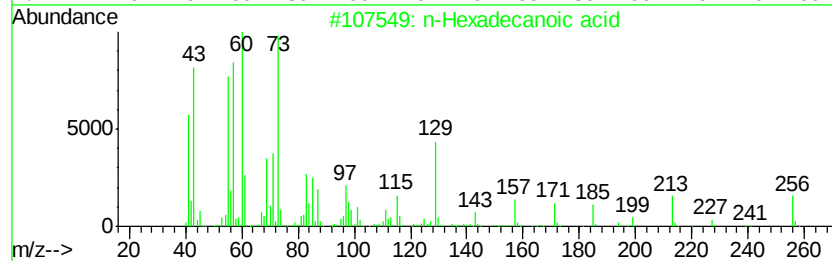
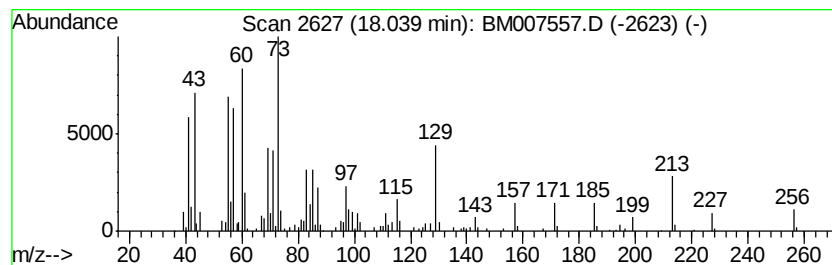
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.45 ng/ul	809032	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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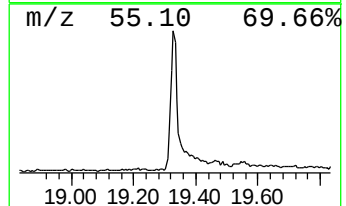
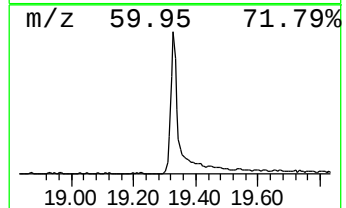
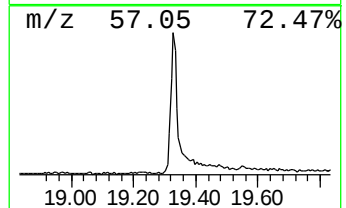
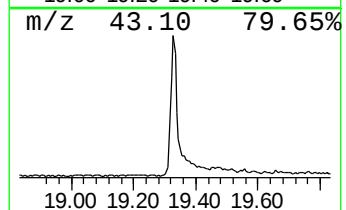
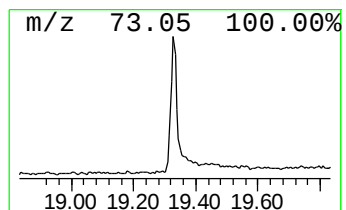
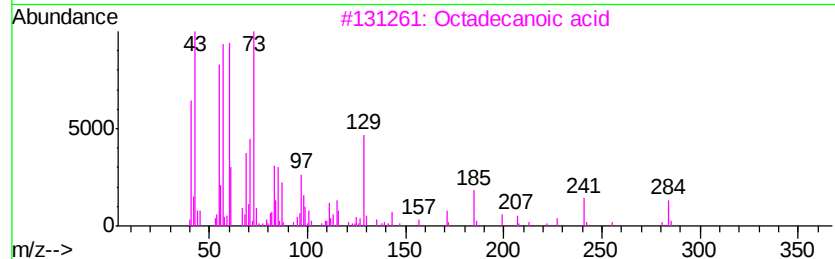
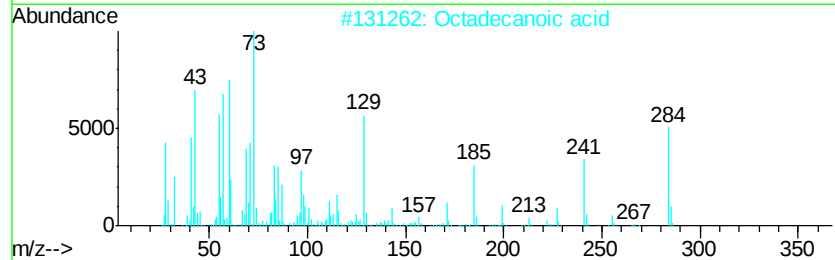
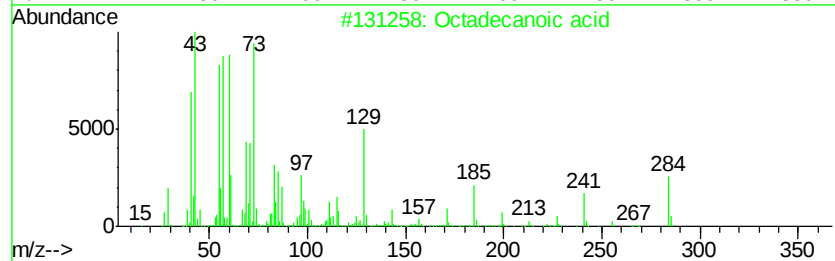
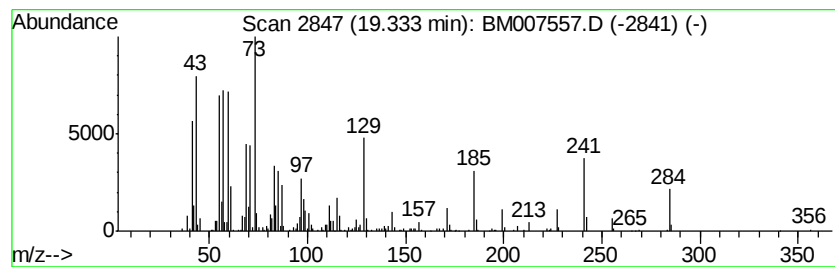
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.21 ng/ul	1110260	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	3.5	ng/ul	809032	4	17.16	4684030	20.0
Octadecanoic acid	19.33	3.2	ng/ul	1110260	5	21.34	6921090	20.0