

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013923.D
 Acq On : 28 Jan 2018 15:40
 Operator : SJ/JU
 Sample : J1282-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B91

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	3.140	24	26	30	rVB2	56632	54647	1.43%	0.137%
2	6.763	636	642	658	rBV	625925	1095837	28.70%	2.756%
3	6.928	663	670	677	rBV	492433	737825	19.32%	1.856%
4	7.116	696	702	712	rVB	705750	1098885	28.78%	2.764%
5	7.581	774	781	788	rBV	583343	939422	24.60%	2.363%
6	8.292	895	902	913	rBV2	785583	1309360	34.29%	3.293%
7	8.734	970	977	986	rBV	661891	1091190	28.57%	2.744%
8	9.128	1039	1044	1049	rBV2	38303	54059	1.42%	0.136%
9	9.451	1090	1099	1110	rBV	568978	974470	25.52%	2.451%
10	9.986	1183	1190	1206	rBV	767241	1399417	36.65%	3.520%
11	10.351	1242	1252	1263	rBV	747994	1204963	31.55%	3.031%
12	10.504	1271	1278	1295	rBV	655446	1246758	32.65%	3.136%
13	13.651	1806	1813	1818	rBV	1391136	1960128	51.33%	4.930%
14	13.698	1818	1821	1828	rVB	231439	327366	8.57%	0.823%
15	13.921	1849	1859	1870	rBV	1642406	2333013	61.09%	5.868%
16	14.139	1890	1896	1900	rBV	44178	56672	1.48%	0.143%
17	14.233	1904	1912	1919	rBV2	961660	1484188	38.87%	3.733%
18	14.469	1946	1952	1969	rBV	348728	798593	20.91%	2.009%
19	15.092	2053	2058	2064	rVB2	56800	73456	1.92%	0.185%
20	15.233	2075	2082	2088	rBV	1909560	2719081	71.20%	6.839%
21	15.374	2100	2106	2118	rBV	477395	751553	19.68%	1.890%
22	15.963	2200	2206	2209	rBV3	49801	75307	1.97%	0.189%
23	16.751	2336	2340	2344	rBV3	36966	49085	1.29%	0.123%
24	16.986	2374	2380	2388	rBV	1288394	1801070	47.16%	4.530%
25	17.086	2390	2397	2409	rVV	2114442	2996601	78.47%	7.537%
26	17.892	2528	2534	2542	rBV2	247158	377492	9.89%	0.949%
27	17.962	2542	2546	2550	rVB	23614	38978	1.02%	0.098%
28	19.033	2723	2728	2731	rBV3	34641	56313	1.47%	0.142%
29	19.180	2749	2753	2758	rBV4	80559	124052	3.25%	0.312%
30	19.386	2783	2788	2795	rBV	2474296	3489370	91.37%	8.776%
31	20.909	3042	3047	3056	rBV	338466	591550	15.49%	1.488%
32	21.186	3089	3094	3105	rBV	1731079	2248208	58.87%	5.654%
33	21.297	3110	3113	3116	rVV4	50488	62902	1.65%	0.158%
34	23.239	3436	3443	3450	rVB2	2097375	3818748	100.00%	9.604%

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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

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Peak separation: 5

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35	23.374	3459	3466	3478	rVB	1199844	2319816	60.75%	5.834%
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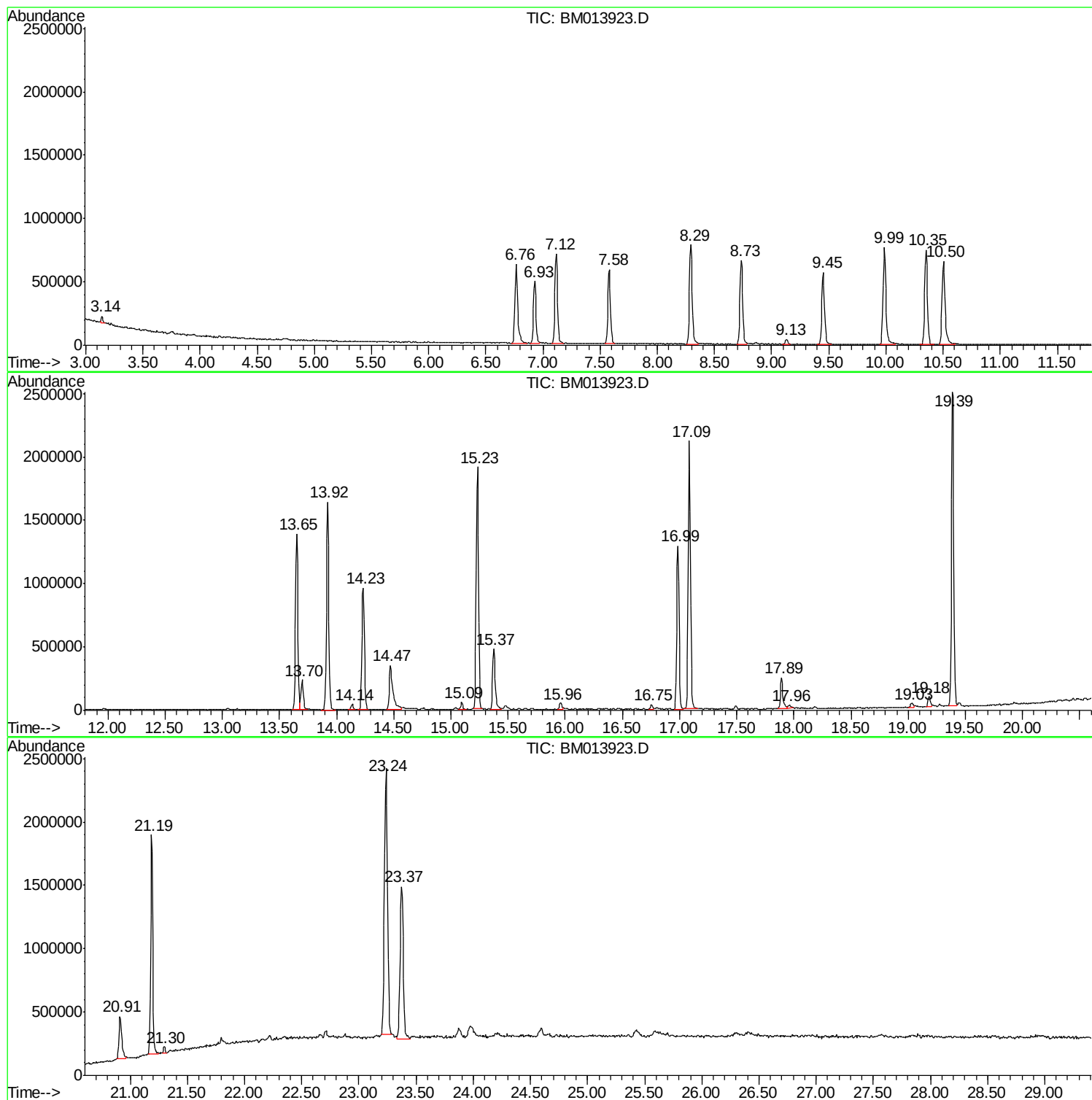
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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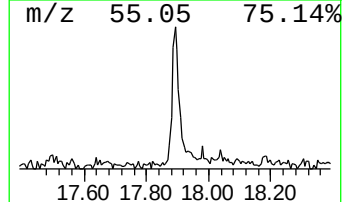
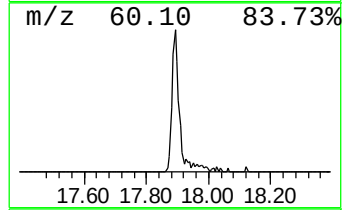
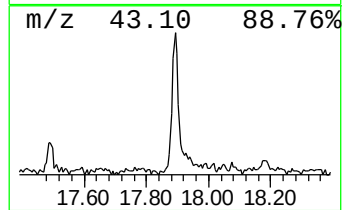
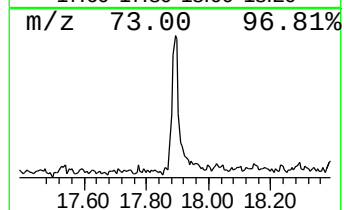
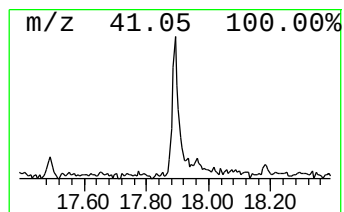
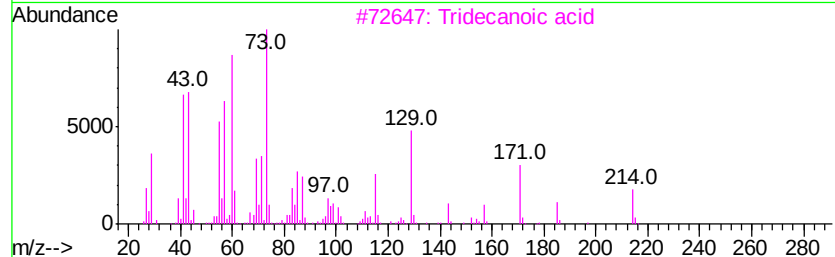
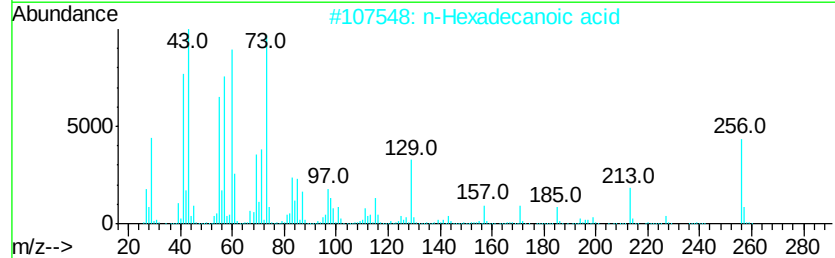
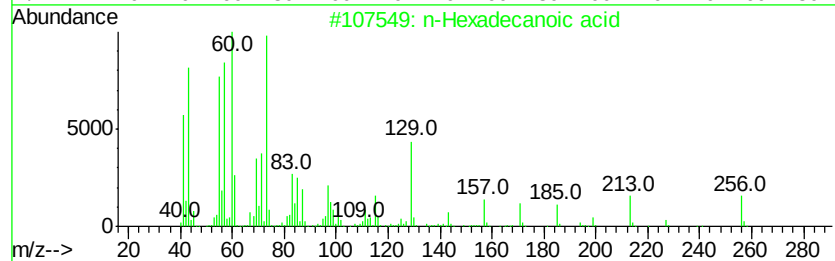
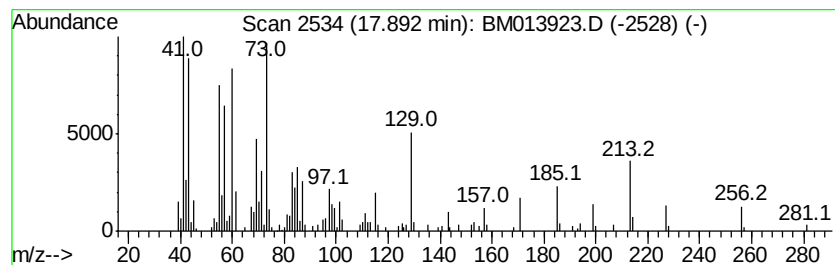
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	4.19 ng/ul	377492	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	89	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76	



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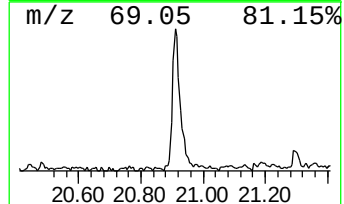
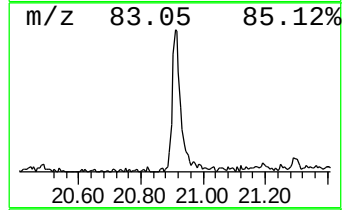
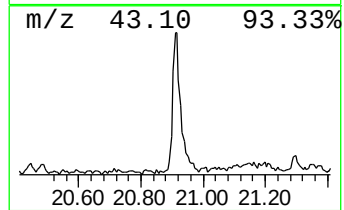
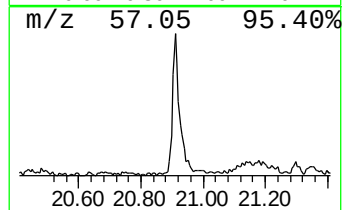
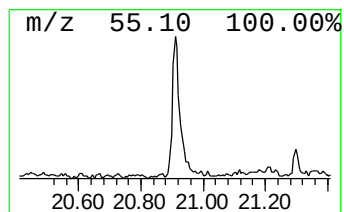
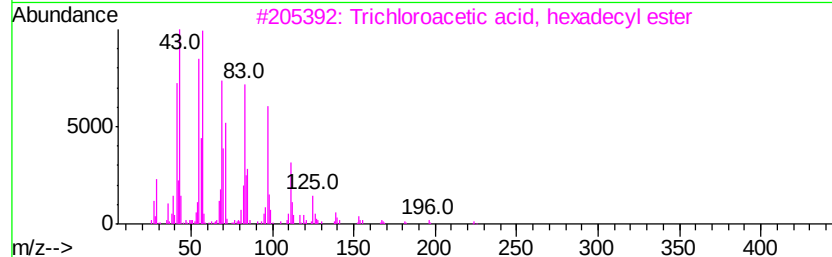
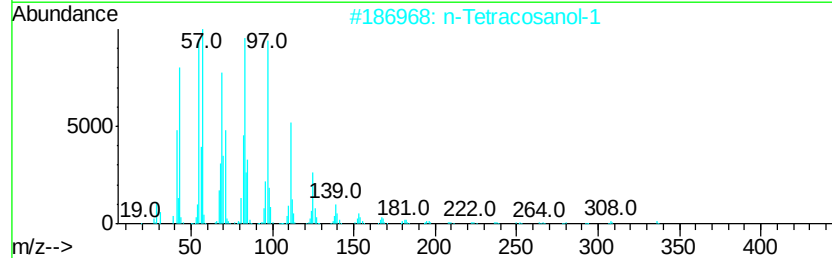
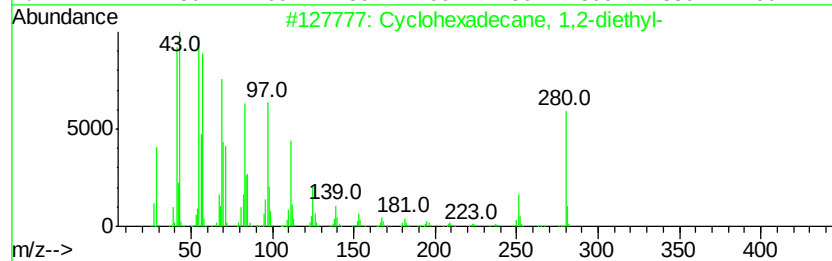
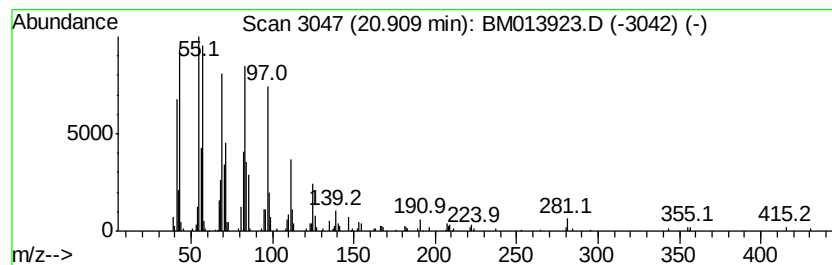
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.26 ng/ul	591550	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane, 1,2-diethyl-	280 C20H40	1000155-85-3 97
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 93
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 93
5		1-Eicosene	280 C20H40	003452-07-1 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	4.2	ng/ul	377492	4	16.99	1801070	20.0
(DEL) Alkane: Cyc...	20.91	5.3	ng/ul	591550	5	21.19	2248210	20.0