

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013706.D
 Acq On : 22 Jan 2018 22:24
 Operator : SJ/JU
 Sample : J1220-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A17

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	35	rVB	33488	41413	1.21%	0.118%
2	6.793	641	647	663	rVB	552414	986831	28.80%	2.815%
3	6.951	668	674	683	rBV	421571	661960	19.32%	1.888%
4	7.146	701	707	718	rVB	615019	969404	28.29%	2.765%
5	7.610	779	786	794	rBV	494540	813428	23.74%	2.320%
6	8.322	900	907	917	rBV	628759	1045363	30.50%	2.982%
7	8.763	976	982	991	rBV	600181	981715	28.65%	2.800%
8	9.481	1097	1104	1112	rBV	492862	837232	24.43%	2.388%
9	10.016	1189	1195	1209	rBV2	691950	1221386	35.64%	3.484%
10	10.387	1251	1258	1265	rBV	634865	1048169	30.59%	2.990%
11	10.534	1277	1283	1296	rBV	556051	1011692	29.52%	2.886%
12	13.675	1811	1817	1822	rBV	1179037	1704691	49.74%	4.862%
13	13.727	1822	1826	1833	rVB	342453	501051	14.62%	1.429%
14	13.951	1857	1864	1871	rBV	1441055	2093857	61.10%	5.972%
15	14.169	1895	1901	1906	rBV2	43134	58076	1.69%	0.166%
16	14.263	1907	1917	1926	rVB2	835354	1307174	38.14%	3.728%
17	14.486	1949	1955	1972	rBV	362880	711053	20.75%	2.028%
18	15.069	2049	2054	2058	rBV	39122	53583	1.56%	0.153%
19	15.121	2058	2063	2068	rVB3	56372	77843	2.27%	0.222%
20	15.257	2080	2086	2095	rVB	1690283	2438502	71.16%	6.955%
21	15.398	2104	2110	2121	rBV	447937	701868	20.48%	2.002%
22	15.498	2123	2127	2130	rBV3	22761	35825	1.05%	0.102%
23	15.633	2145	2150	2155	rVB2	43828	62899	1.84%	0.179%
24	15.992	2206	2211	2218	rBV2	50198	81611	2.38%	0.233%
25	16.780	2342	2345	2348	rBV2	38839	44616	1.30%	0.127%
26	17.010	2378	2384	2392	rBV2	1094674	1596387	46.58%	4.553%
27	17.110	2395	2401	2413	rVB	1870249	2690422	78.51%	7.674%
28	17.521	2465	2471	2476	rBV3	28322	37083	1.08%	0.106%
29	17.915	2533	2538	2548	rBV	161082	268336	7.83%	0.765%
30	18.210	2584	2588	2594	rBV5	38952	52086	1.52%	0.149%
31	19.057	2727	2732	2735	rBV3	31780	49953	1.46%	0.142%
32	19.209	2753	2758	2764	rBV6	61931	101256	2.95%	0.289%
33	19.415	2787	2793	2801	rBV2	2271105	3123302	91.14%	8.908%
34	20.933	3047	3051	3062	rVB3	223298	318213	9.29%	0.908%

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35	21.209	3093	3098	3105	rBV	1561365	1980738	57.80%	5.649%
36	23.274	3442	3449	3461	rVB2	1854833	3426861	100.00%	9.774%
37	23.409	3466	3472	3481	rVB	1066092	1924600	56.16%	5.489%

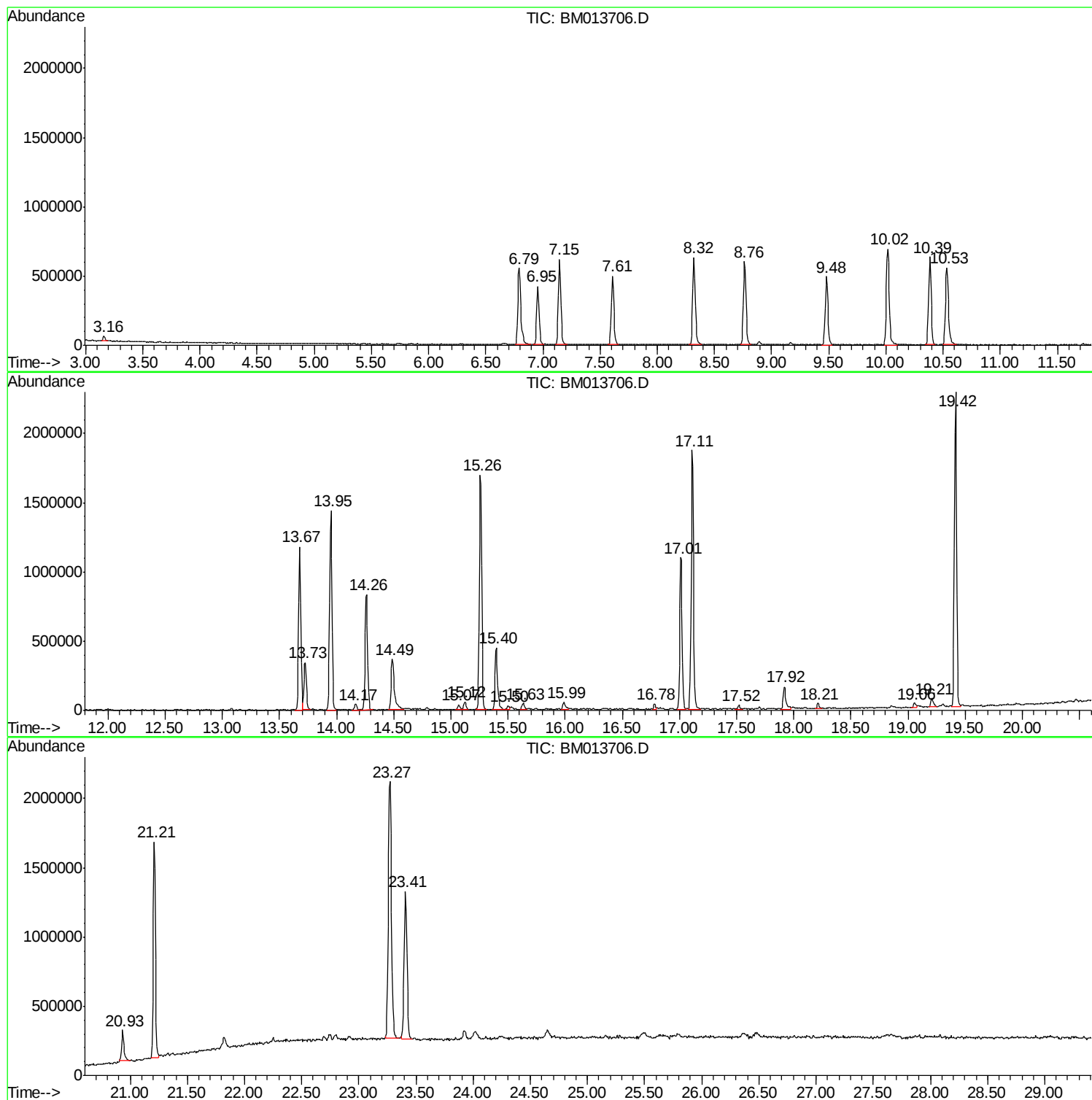
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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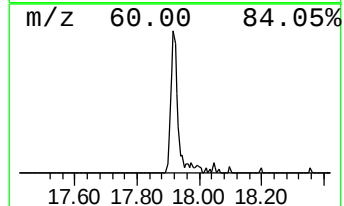
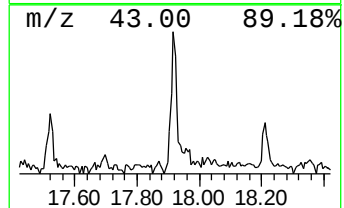
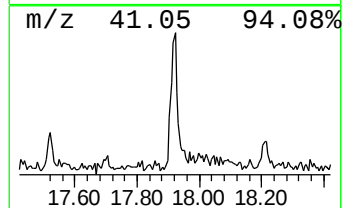
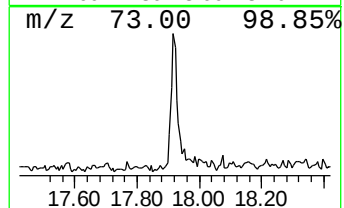
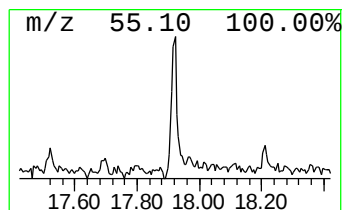
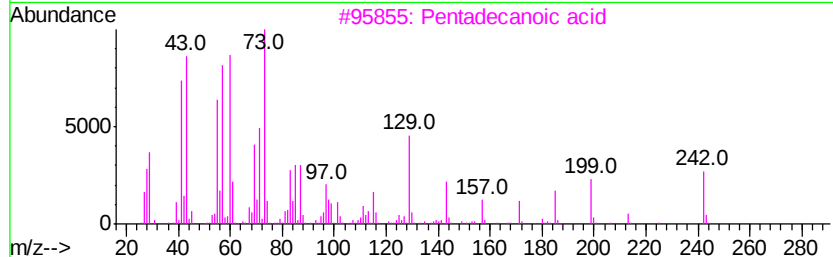
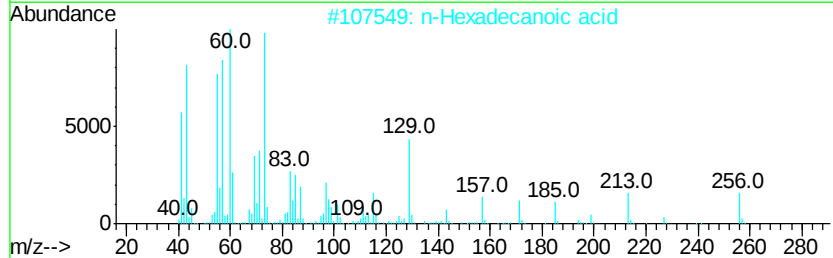
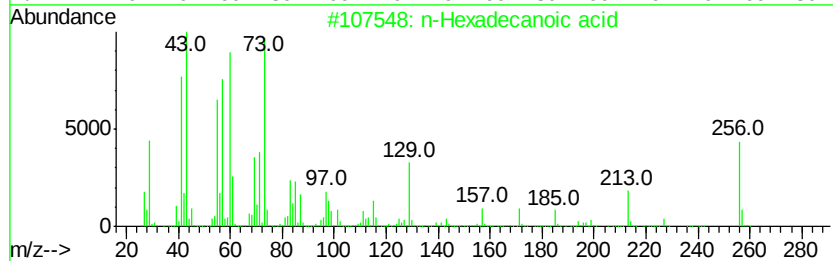
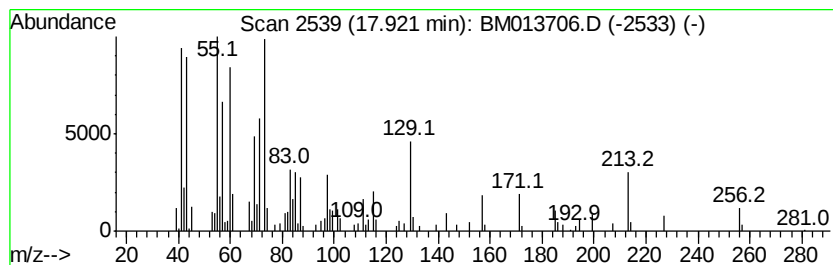
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	3.36 ng/ul	268336	Phenanthrene-d10	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60



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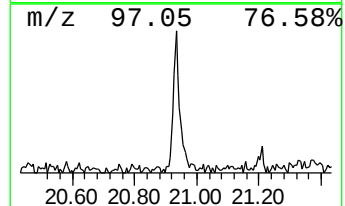
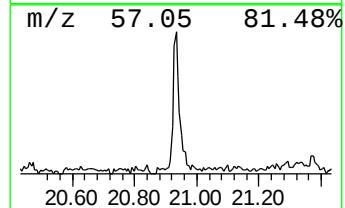
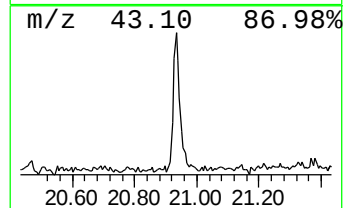
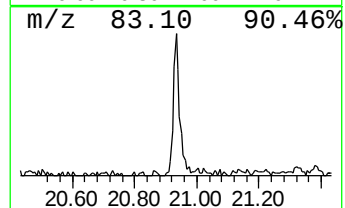
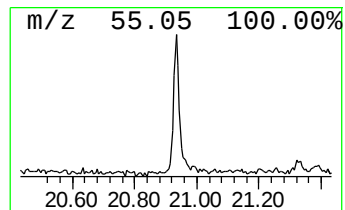
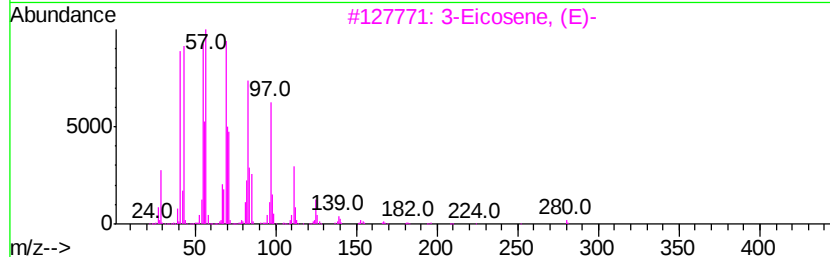
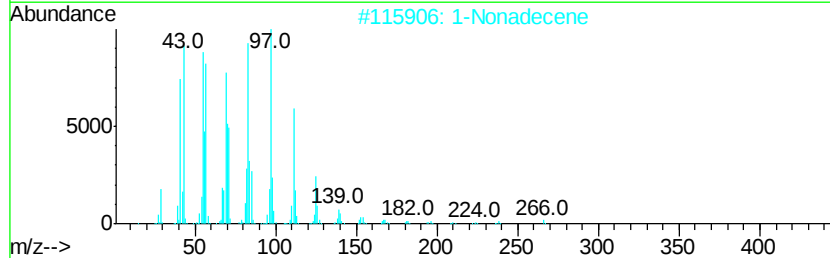
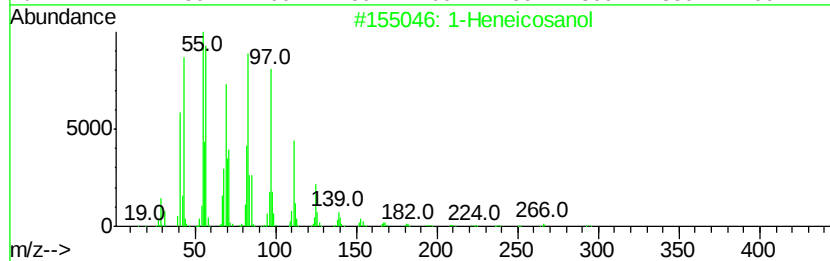
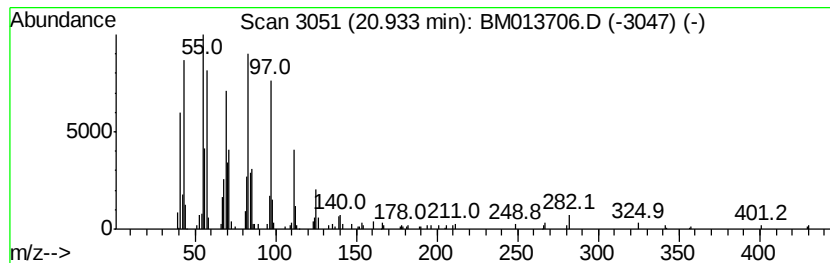
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Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.21 ng/ul	318213	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		1-Nonadecene	266	C19H38	018435-45-5	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	92
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		9-Nonadecene	266	C19H38	031035-07-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	3.4	ng/ul	268336	4	17.01	1596390	20.0
1-Heneicosanol	20.93	3.2	ng/ul	318213	5	21.21	1980740	20.0