

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014129.D
 Acq On : 03 Feb 2018 00:33
 Operator : SJ/JU
 Sample : J1339-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D40

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	6.740	633	638	653	rBV	290309	592332	25.06%	2.138%
2	6.899	660	665	677	rBV	225804	375521	15.89%	1.356%
3	7.087	692	697	710	rBV2	337838	581652	24.61%	2.100%
4	7.552	770	776	792	rVB	410319	712131	30.13%	2.571%
5	8.269	892	898	908	rBV2	370186	701871	29.70%	2.534%
6	8.710	967	973	982	rBV	335838	617553	26.13%	2.229%
7	9.099	1035	1039	1045	rVB4	15380	26766	1.13%	0.097%
8	9.428	1087	1095	1105	rBV2	283212	555068	23.49%	2.004%
9	9.963	1178	1186	1201	rBV	359443	751612	31.80%	2.713%
10	10.322	1240	1247	1256	rBV	576400	970620	41.07%	3.504%
11	10.481	1267	1274	1292	rBV	280301	669593	28.33%	2.417%
12	13.028	1700	1707	1712	rBV4	15628	26378	1.12%	0.095%
13	13.628	1802	1809	1814	rBV	781215	1183091	50.06%	4.271%
14	13.675	1814	1817	1826	rVB2	122908	225111	9.53%	0.813%
15	13.898	1848	1855	1867	rBV	943241	1423479	60.23%	5.139%
16	14.116	1886	1892	1896	rBV2	46172	66144	2.80%	0.239%
17	14.210	1900	1908	1918	rVV2	833213	1324561	56.05%	4.781%
18	14.463	1944	1951	1958	rBV2	133877	315824	13.36%	1.140%
19	14.739	1992	1998	2002	rVB8	13583	26580	1.12%	0.096%
20	15.069	2049	2054	2060	rVB	63638	84103	3.56%	0.304%
21	15.210	2072	2078	2086	rBV	1146383	1704911	72.14%	6.154%
22	15.363	2098	2104	2115	rBV	204308	391385	16.56%	1.413%
23	15.680	2155	2158	2164	rBV7	17390	27498	1.16%	0.099%
24	15.933	2197	2201	2209	rBV2	57371	102032	4.32%	0.368%
25	16.622	2311	2318	2333	rBV	469744	835830	35.37%	3.017%
26	16.733	2333	2337	2341	rVV5	40101	67416	2.85%	0.243%
27	16.786	2341	2346	2349	rVB6	18315	35135	1.49%	0.127%
28	16.963	2370	2376	2381	rVV	1128431	1606242	67.96%	5.798%
29	17.004	2381	2383	2388	rVV	158532	205996	8.72%	0.744%
30	17.063	2388	2393	2407	rVB2	1255385	1883737	79.71%	6.800%
31	17.869	2523	2530	2538	rBV5	120356	226524	9.58%	0.818%
32	17.939	2538	2542	2550	rVB	197915	272925	11.55%	0.985%
33	18.051	2556	2561	2564	rVB4	18575	28470	1.20%	0.103%
34	18.151	2577	2578	2585	rVB7	16581	28607	1.21%	0.103%

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35	19.039	2718	2729	2737	rBV	149256	262299	11.10%	0.947%
36	19.163	2745	2750	2756	rBV3	80097	140967	5.96%	0.509%
37	19.368	2778	2785	2794	rBV	1580537	2363339	100.00%	8.531%
38	19.921	2876	2879	2884	rVV7	16960	25097	1.06%	0.091%
39	20.886	3039	3043	3051	rBV	219033	336493	14.24%	1.215%
40	21.168	3085	3091	3103	rBV2	1435604	2047980	86.66%	7.393%
41	23.209	3432	3438	3447	rBV	1167090	2159140	91.36%	7.794%
42	23.351	3456	3462	3470	rVB	873906	1719883	72.77%	6.209%

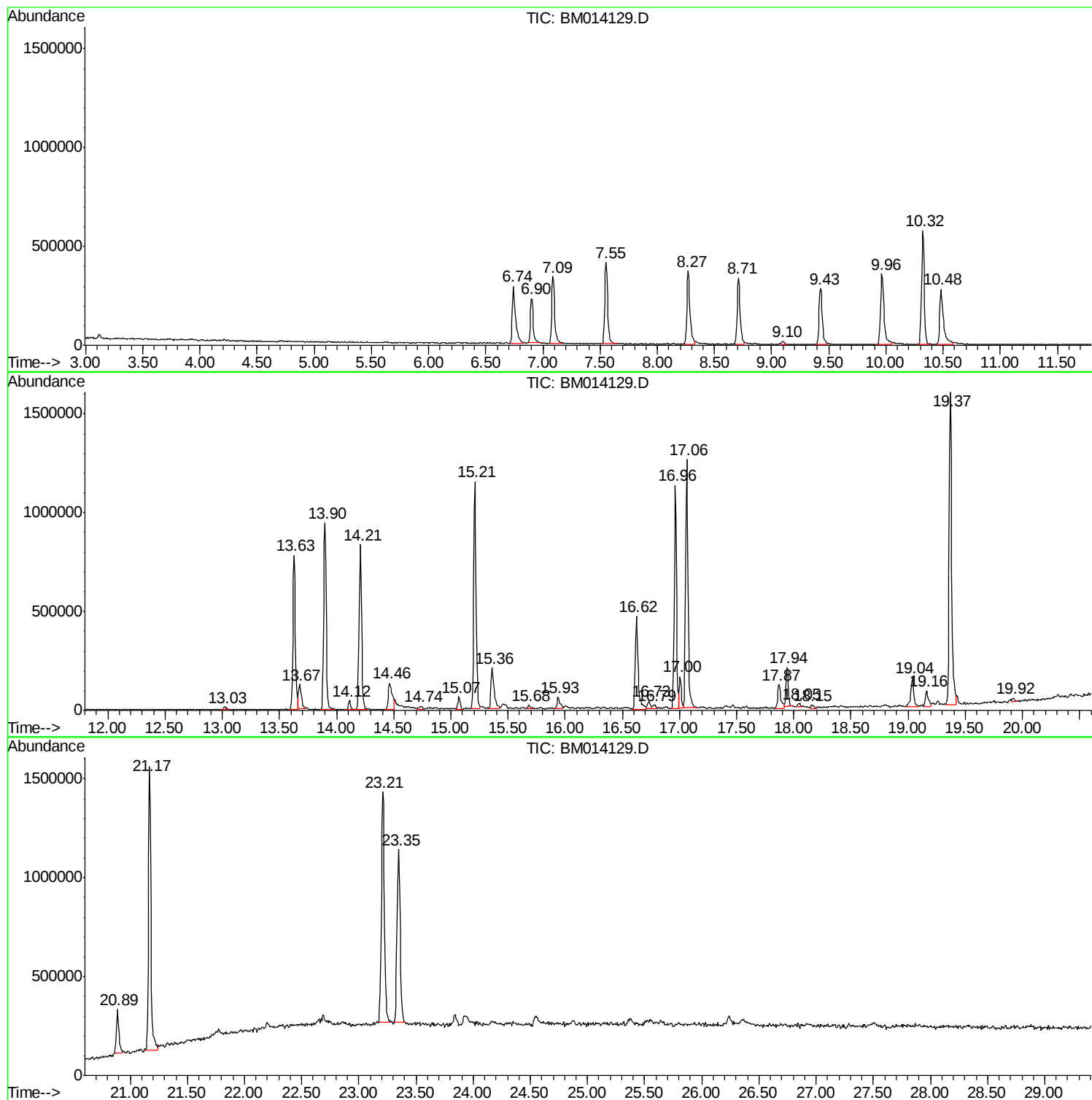
Sum of corrected areas: 27701896

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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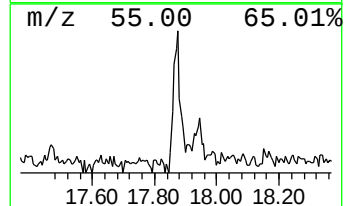
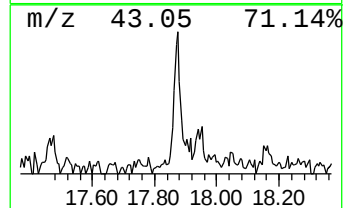
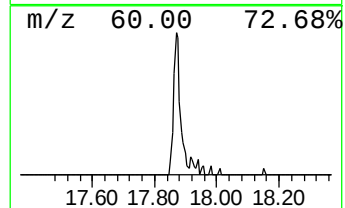
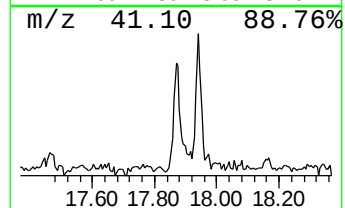
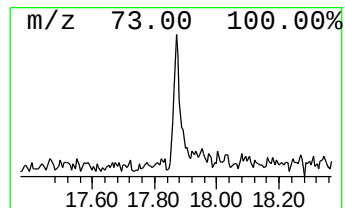
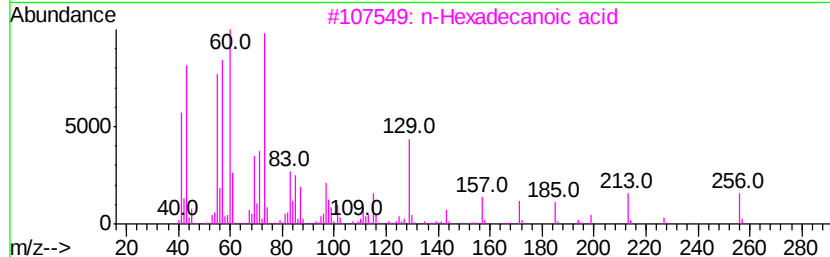
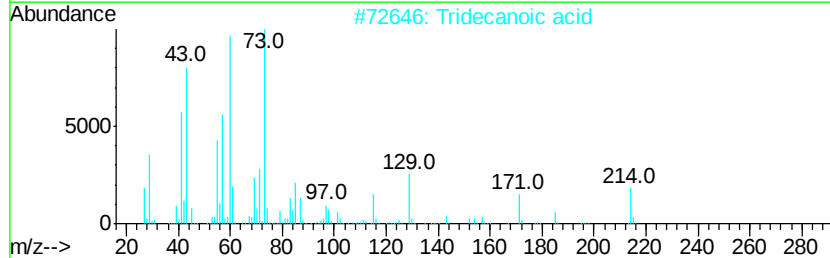
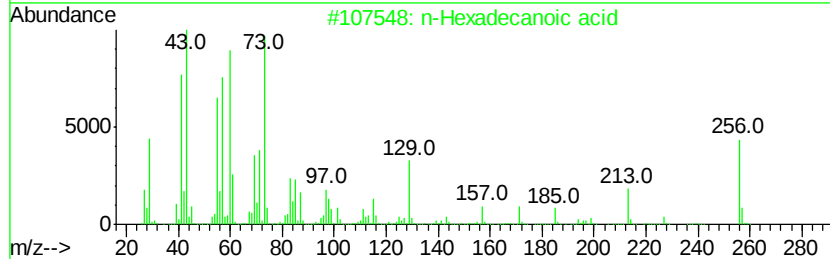
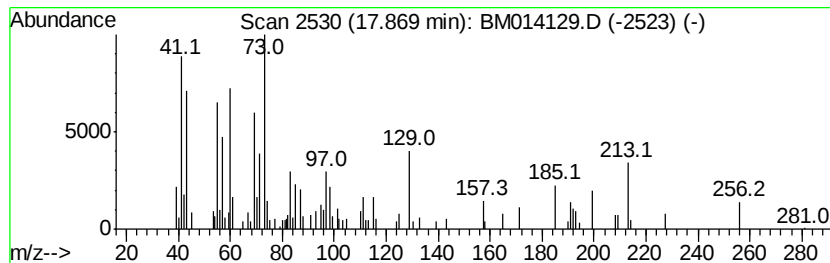
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.82 ng/ul	226524	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2		Tridecanoic acid	214	C13H26O2	000638-53-9	49
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5		Nonanoic acid	158	C9H18O2	000112-05-0	42



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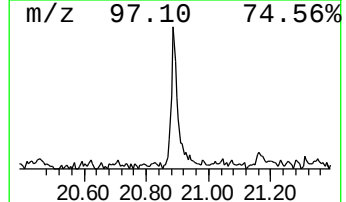
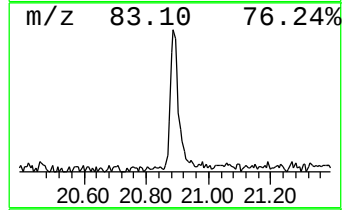
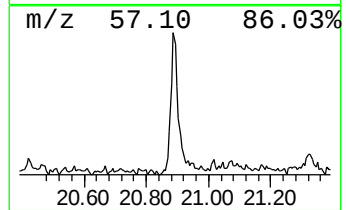
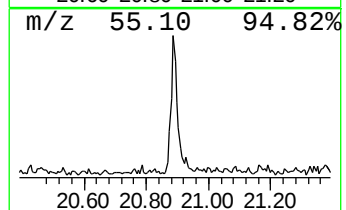
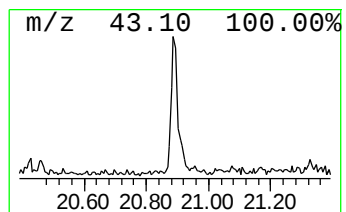
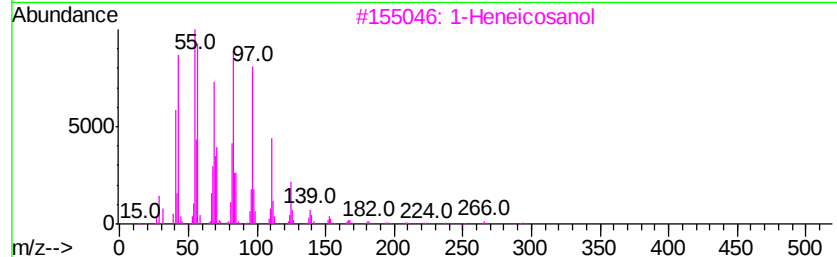
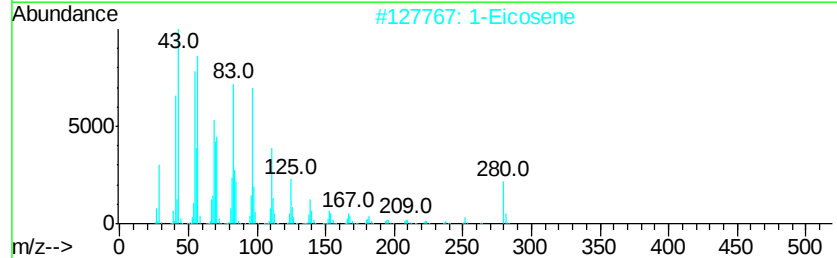
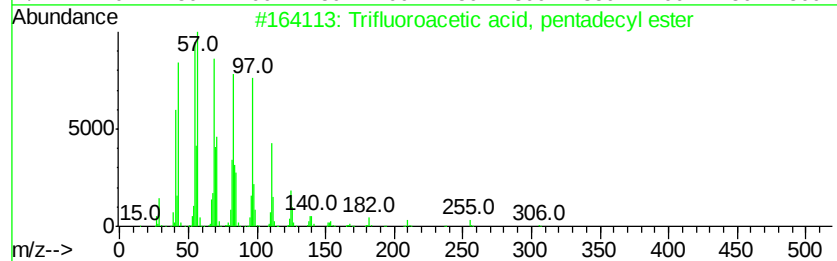
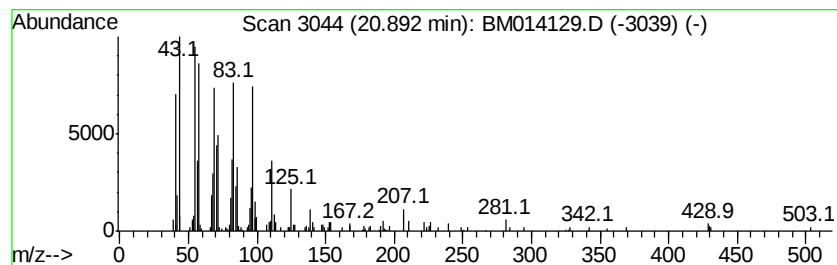
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Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	3.29 ng/ul	336493	Chrysene-d12	21.17		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2		1-Eicosene	280	C20H40	003452-07-1	93
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Eicosene	280	C20H40	003452-07-1	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.8	ng/ul	226524	4	16.96	1606240	20.0
Trifluoroacetic a...	20.89	3.3	ng/ul	336493	5	21.17	2047980	20.0