

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028194.D
 Acq On : 19 Dec 2020 13:21
 Operator : JU/CG
 Sample : L5071-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54J8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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	3.416	35	39	49	rVB	38511	53191	1.78%	0.154%
2	3.740	91	94	103	rBV	7521	14935	0.50%	0.043%
3	4.228	172	177	181	rBV3	4850	7870	0.26%	0.023%
4	5.310	356	361	365	rBV3	2476	3705	0.12%	0.011%
5	6.240	515	519	527	rBV4	3369	6483	0.22%	0.019%
6	7.157	671	675	680	rVB6	1841	3167	0.11%	0.009%
7	7.340	695	706	719	rBV	676955	1132212	37.94%	3.271%
8	7.516	730	736	745	rBV	523546	840028	28.15%	2.427%
9	7.728	763	772	779	rBV	721737	1166182	39.08%	3.369%
10	7.793	779	783	792	rVB	22954	37491	1.26%	0.108%
11	8.204	846	853	860	rBV	484938	766784	25.70%	2.215%
12	8.257	860	862	867	rVB	5641	7739	0.26%	0.022%
13	8.910	965	973	983	rBV	779140	1249648	41.88%	3.610%
14	9.381	1045	1053	1061	rBV	624809	1018158	34.12%	2.941%
15	9.463	1064	1067	1073	rVV4	2830	4902	0.16%	0.014%
16	9.534	1076	1079	1083	rVB5	2297	3272	0.11%	0.009%
17	9.769	1113	1119	1125	rBV	6711	10381	0.35%	0.030%
18	10.104	1168	1176	1185	rBV	506400	839634	28.14%	2.425%
19	10.645	1259	1268	1278	rBV	803686	1317377	44.15%	3.806%
20	11.034	1322	1334	1341	rBV	636371	1057835	35.45%	3.056%
21	11.163	1348	1356	1364	rBV	715593	1194194	40.02%	3.450%
22	12.498	1578	1583	1587	rBV4	2611	4236	0.14%	0.012%
23	12.604	1596	1601	1607	rVB	12254	19352	0.65%	0.056%
24	13.439	1739	1743	1748	rBV5	2599	3788	0.13%	0.011%
25	13.645	1775	1778	1781	rVB4	3443	4188	0.14%	0.012%
26	13.710	1784	1789	1795	rVB	11923	16465	0.55%	0.048%
27	14.227	1871	1877	1882	rBV	1191542	1636257	54.83%	4.727%
28	14.274	1882	1885	1891	rVB	313683	392417	13.15%	1.134%
29	14.451	1911	1915	1921	rBV2	10748	17507	0.59%	0.051%
30	14.527	1921	1928	1935	rVV	1511966	2182408	73.14%	6.304%
31	14.704	1954	1958	1962	rVB5	3864	5363	0.18%	0.015%
32	14.833	1973	1980	1989	rBV	860399	1291974	43.30%	3.732%
33	14.998	2001	2008	2026	rBV	552368	799863	26.80%	2.311%
34	15.604	2106	2111	2115	rBV4	3325	5154	0.17%	0.015%

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35	15.645	2115	2118	2122	rVB4	3142	4232	0.14%	0.012%
36	15.810	2140	2146	2153	rBV	1734292	2536135	84.99%	7.326%
37	15.921	2159	2165	2180	rBV	524687	729725	24.45%	2.108%
38	16.051	2182	2187	2194	rVB2	21451	31881	1.07%	0.092%
39	16.504	2257	2264	2266	rVB6	2153	3128	0.10%	0.009%
40	16.586	2275	2278	2282	rVB3	5628	7197	0.24%	0.021%
41	17.339	2403	2406	2410	rVB2	3510	4484	0.15%	0.013%
42	17.551	2436	2442	2451	rBV	1026303	1409683	47.24%	4.072%
43	17.651	2452	2459	2471	rVB	1860878	2667044	89.38%	7.704%
44	18.404	2582	2587	2597	rBV	141354	204480	6.85%	0.591%
45	19.545	2777	2781	2785	rVB	22045	26538	0.89%	0.077%
46	19.657	2796	2800	2808	rBV	45080	64409	2.16%	0.186%
47	19.798	2820	2824	2828	rBV	20158	29756	1.00%	0.086%
48	19.904	2836	2842	2850	rBV	2184267	2984050	100.00%	8.620%
49	21.345	3083	3087	3098	rBV	616484	902333	30.24%	2.607%
50	21.662	3136	3141	3148	rVB	1107212	1416990	47.49%	4.093%
51	22.721	3319	3321	3326	rVB3	87324	112041	3.75%	0.324%
52	23.874	3510	3517	3527	rVB	1507950	2910290	97.53%	8.407%
53	24.027	3537	3543	3552	rVB	763234	1458766	48.89%	4.214%

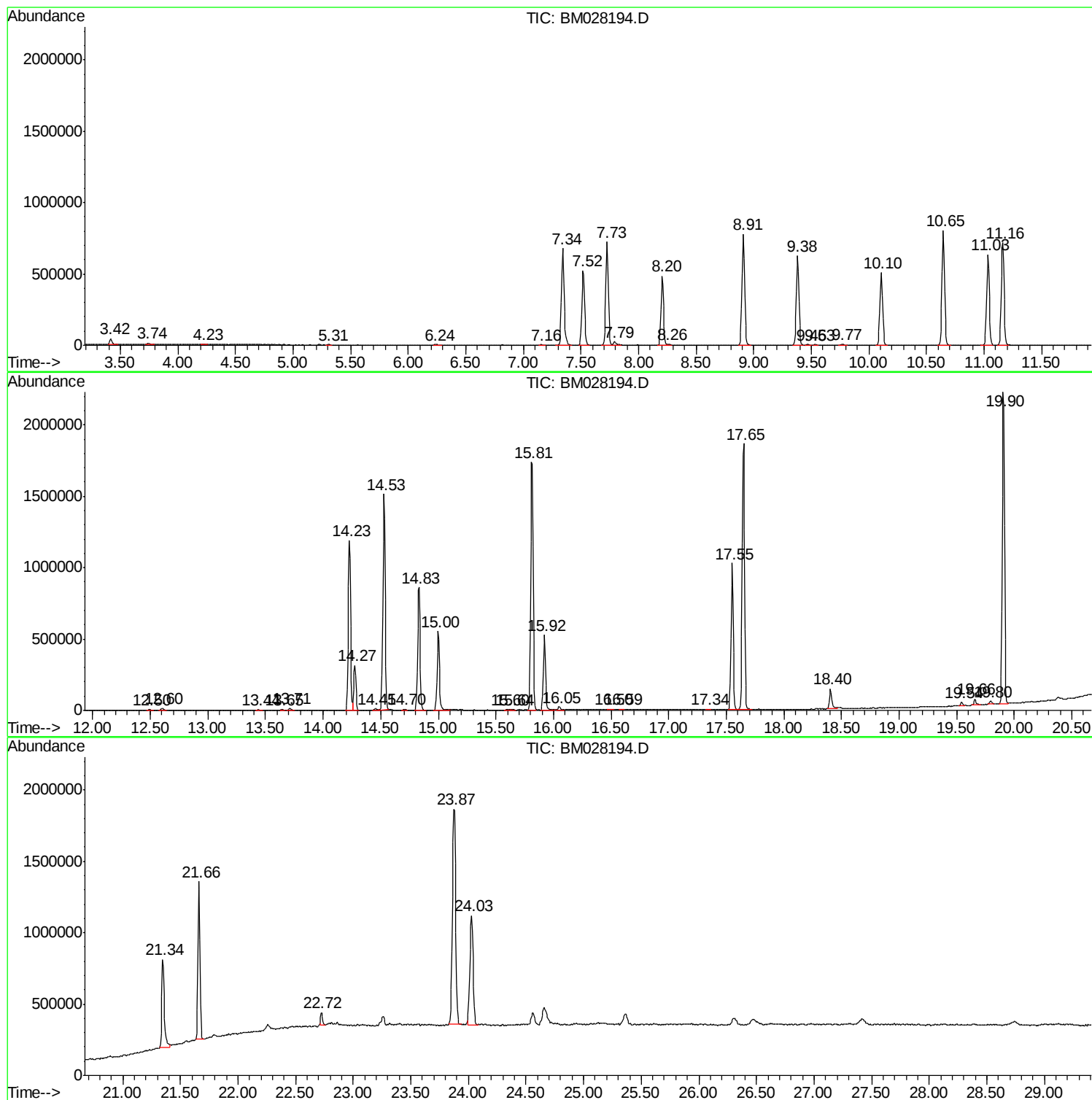
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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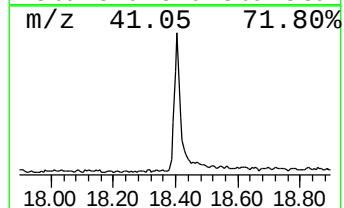
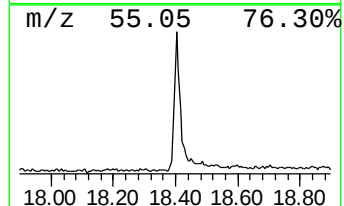
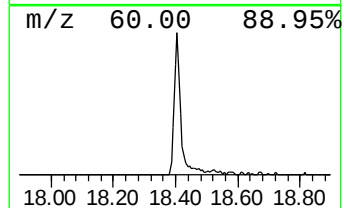
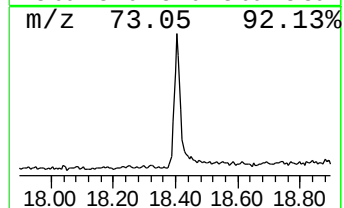
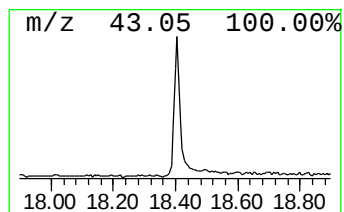
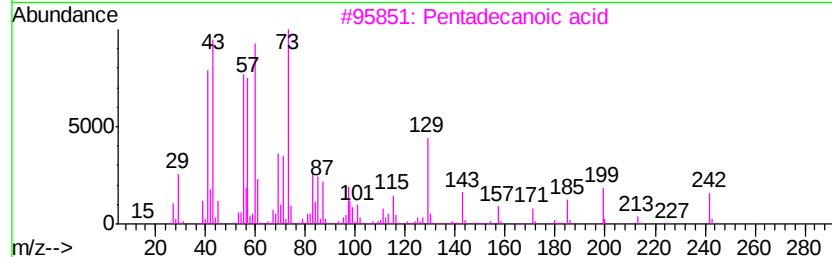
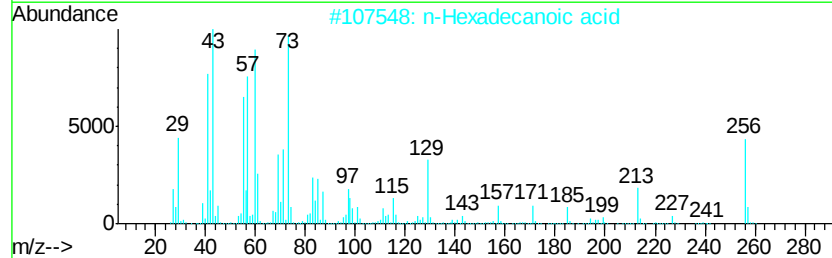
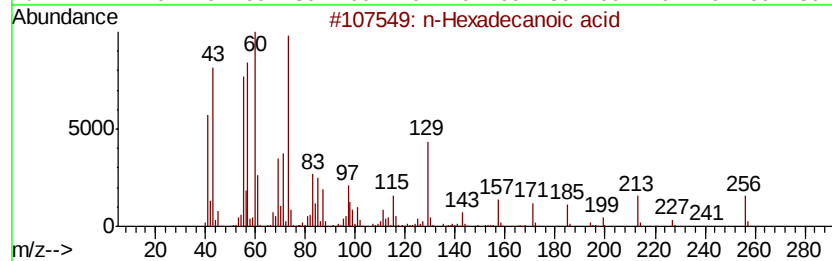
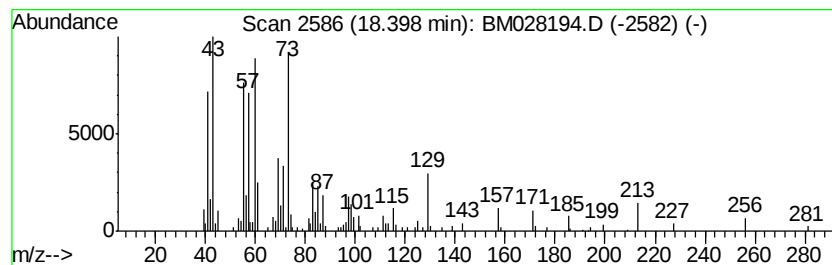
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.90 ng/ul	204480	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	72	



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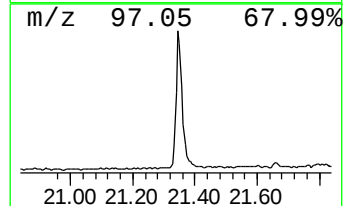
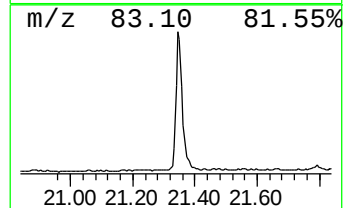
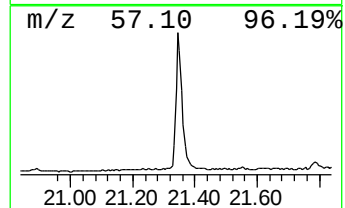
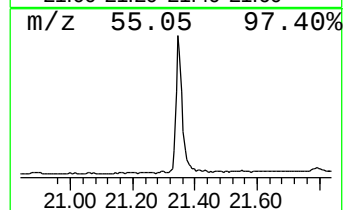
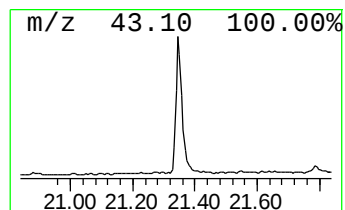
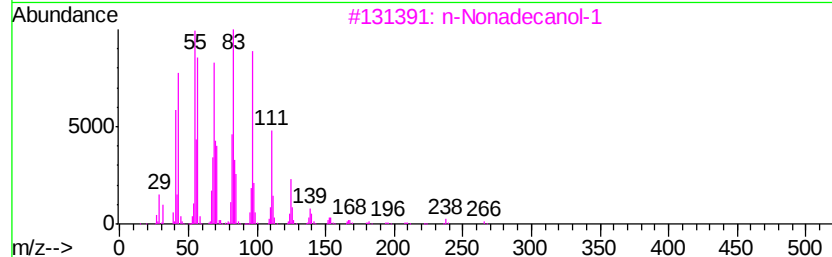
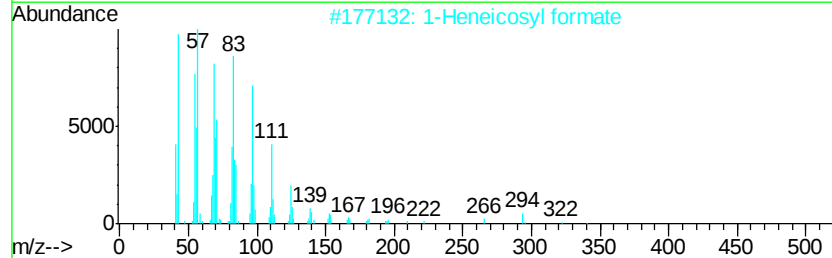
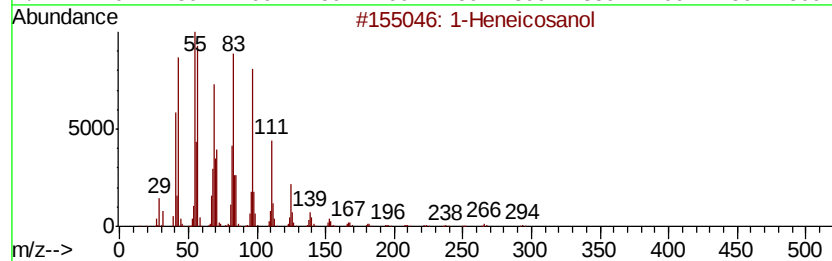
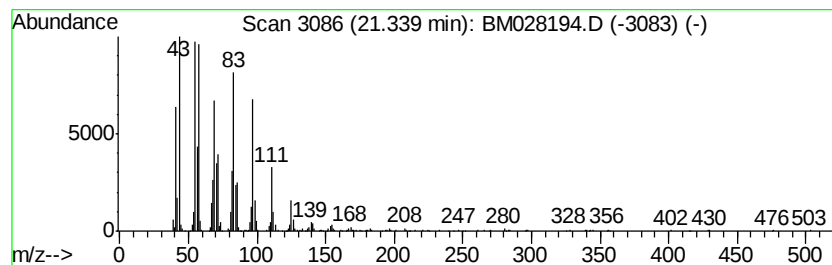
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	12.74 ng/ul	902333	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	2.9	ng/ul	204480	4	17.55	1409680	20.0
1-Heneicosanol	21.34	12.7	ng/ul	902333	5	21.66	1416990	20.0