

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029807.D
 Acq On : 05 May 2021 02:28
 Operator : CG/JU
 Sample : M2121-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG574

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\SFAM-EPA-BM050421.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	3.081	30	33	38	rVB	30396	39719	1.29%	0.125%
2	3.499	101	104	128	rBV	235483	561417	18.29%	1.764%
3	6.751	651	657	676	rBV2	434390	961306	31.32%	3.020%
4	6.916	679	685	698	rVV	318485	574362	18.71%	1.804%
5	7.104	711	717	733	rBV	480594	828600	26.99%	2.603%
6	7.569	789	796	808	rBV	464011	800108	26.07%	2.513%
7	8.281	911	917	938	rBV	490233	942310	30.70%	2.960%
8	8.722	986	992	1007	rBV	404798	742848	24.20%	2.334%
9	8.898	1018	1022	1023	rBV4	4201	4381	0.14%	0.014%
10	9.139	1059	1063	1069	rVB3	7797	12322	0.40%	0.039%
11	9.439	1107	1114	1127	rBV	334347	615069	20.04%	1.932%
12	9.975	1198	1205	1227	rBV	438355	908625	29.60%	2.854%
13	10.345	1260	1268	1285	rBV	641058	1131995	36.88%	3.556%
14	10.492	1286	1293	1316	rBV	368014	877773	28.60%	2.757%
15	11.957	1538	1542	1544	rBV4	4180	5582	0.18%	0.018%
16	13.045	1723	1727	1730	rBV4	6931	8895	0.29%	0.028%
17	13.121	1735	1740	1747	rVB4	8457	13633	0.44%	0.043%
18	13.186	1747	1751	1753	rBV5	3259	3557	0.12%	0.011%
19	13.633	1821	1827	1832	rBV	944003	1325312	43.18%	4.163%
20	13.680	1832	1835	1846	rVB	162443	233984	7.62%	0.735%
21	13.904	1864	1873	1887	rBV	1157686	1753953	57.14%	5.510%
22	14.127	1906	1911	1916	rBV4	5809	8447	0.28%	0.027%
23	14.215	1919	1926	1934	rBV	959371	1421031	46.29%	4.464%
24	14.457	1960	1967	1981	rBV2	93655	334833	10.91%	1.052%
25	14.663	2000	2002	2007	rVB5	5918	8074	0.26%	0.025%
26	14.857	2032	2035	2038	rVB3	6186	8763	0.29%	0.028%
27	15.027	2060	2064	2068	rBV3	6766	10016	0.33%	0.031%
28	15.080	2071	2073	2078	rVB5	4779	5414	0.18%	0.017%
29	15.210	2086	2095	2111	rBV	1405415	2076638	67.65%	6.523%
30	15.345	2113	2118	2130	rVV	318715	533166	17.37%	1.675%
31	15.451	2133	2136	2146	rVV4	21244	42240	1.38%	0.133%
32	15.592	2158	2160	2165	rVB4	3665	4791	0.16%	0.015%
33	15.904	2210	2213	2217	rVV6	4527	9186	0.30%	0.029%
34	15.945	2217	2220	2225	rVV5	4878	10009	0.33%	0.031%

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35	15.998	2225	2229	2238	rVB8	8432	17195	0.56%	0.054%
36	16.109	2245	2248	2254	rVB7	4251	6216	0.20%	0.020%
37	16.204	2260	2264	2268	rVB	6712	9263	0.30%	0.029%
38	16.292	2275	2279	2283	rBV6	2477	5058	0.16%	0.016%
39	16.645	2336	2339	2341	rBV3	2473	3148	0.10%	0.010%
40	16.704	2345	2349	2353	rBV4	4945	7135	0.23%	0.022%
41	16.751	2353	2357	2364	rVB6	4702	10101	0.33%	0.032%
42	16.962	2387	2393	2403	rBV	1055334	1586784	51.69%	4.985%
43	17.056	2403	2409	2425	rVV	1404811	2146244	69.92%	6.742%
44	17.174	2427	2429	2434	rVV5	14174	21086	0.69%	0.066%
45	17.380	2460	2464	2469	rVB7	3477	5437	0.18%	0.017%
46	17.474	2475	2480	2483	rBV6	3176	5230	0.17%	0.016%
47	17.645	2508	2509	2514	rVB5	4198	4277	0.14%	0.013%
48	17.868	2542	2547	2557	rBV	121188	218108	7.11%	0.685%
49	18.162	2594	2597	2602	rBV7	3986	6574	0.21%	0.021%
50	18.627	2672	2676	2680	rVB2	13697	17258	0.56%	0.054%
51	18.745	2694	2696	2700	rVB5	3229	3248	0.11%	0.010%
52	18.992	2734	2738	2742	rBV	14460	21363	0.70%	0.067%
53	19.156	2762	2766	2774	rBV4	42650	80401	2.62%	0.253%
54	19.245	2777	2781	2787	rVB	14197	23797	0.78%	0.075%
55	19.356	2794	2800	2819	rBV	1909511	2596608	84.59%	8.157%
56	20.415	2976	2980	2983	rBV5	16383	25466	0.83%	0.080%
57	20.874	3053	3058	3076	rBV	304811	668842	21.79%	2.101%
58	21.144	3099	3104	3117	rBV	1493531	1992522	64.91%	6.259%
59	22.174	3276	3279	3284	rVB3	81032	101269	3.30%	0.318%
60	23.168	3442	3448	3460	rVB	1606496	3069524	100.00%	9.642%
61	23.303	3465	3471	3484	rVB2	1133451	2154435	70.19%	6.768%
62	23.815	3555	3558	3565	rVB3	114826	208902	6.81%	0.656%

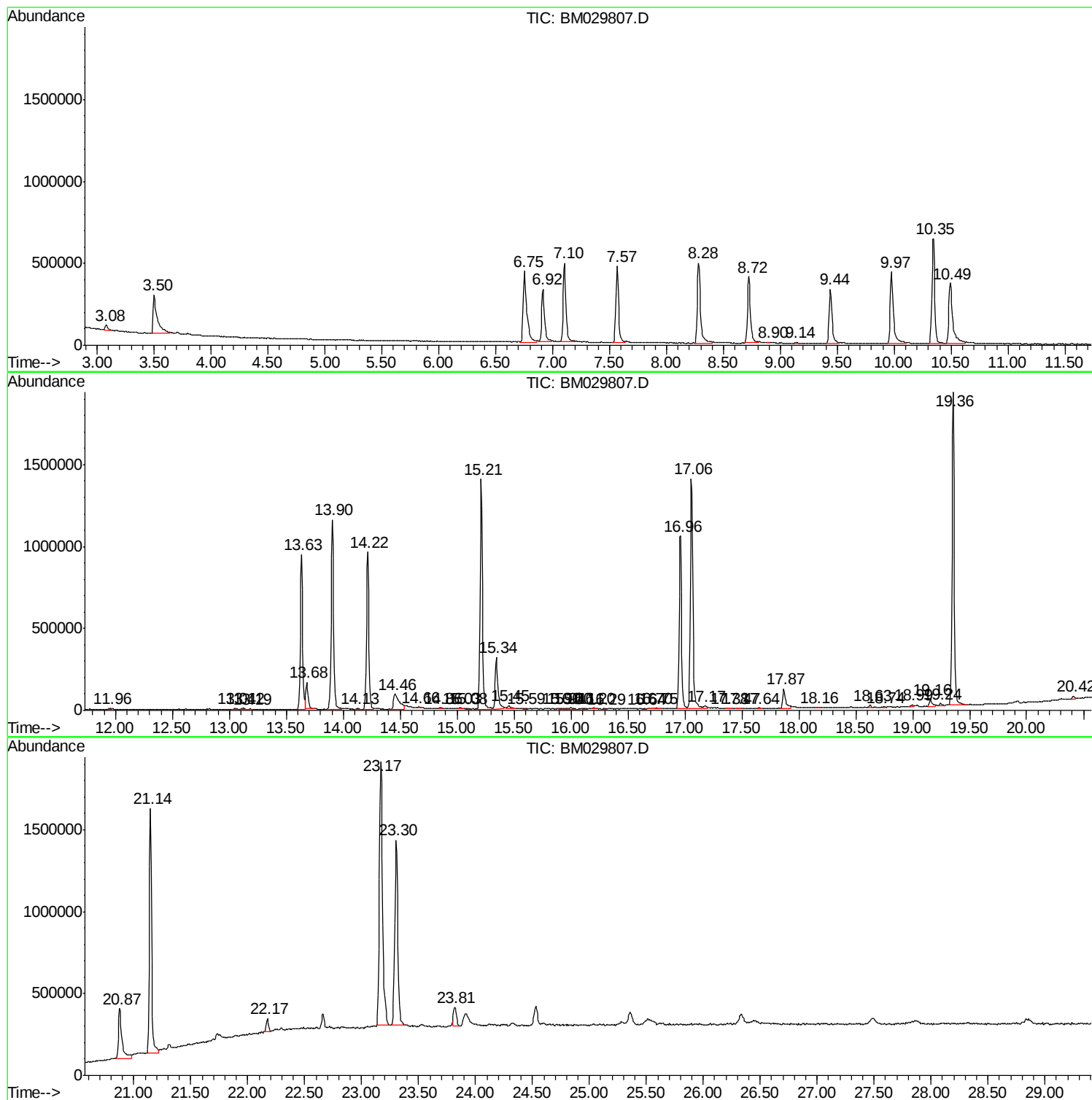
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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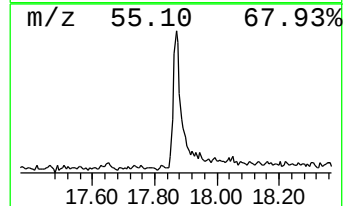
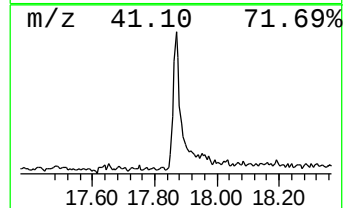
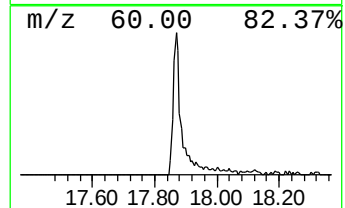
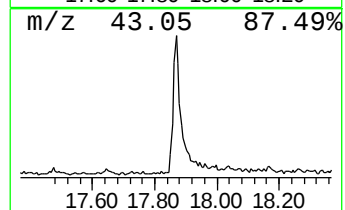
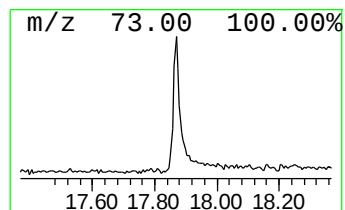
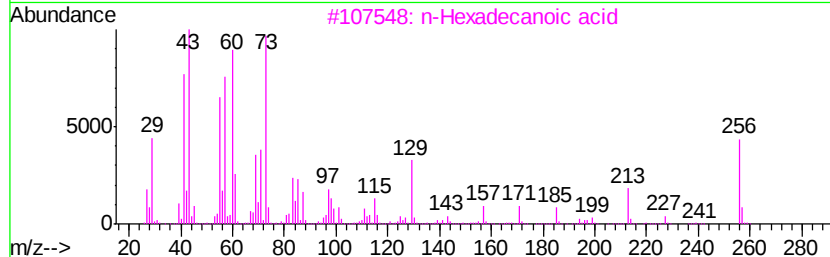
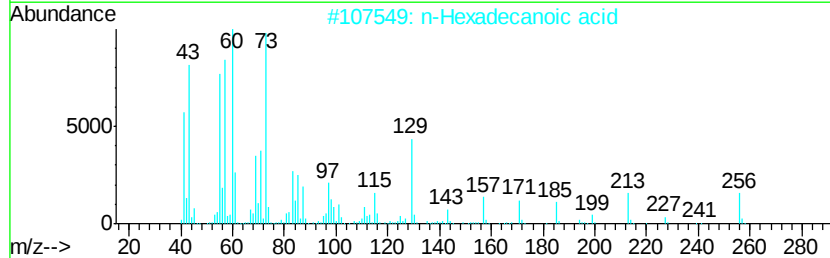
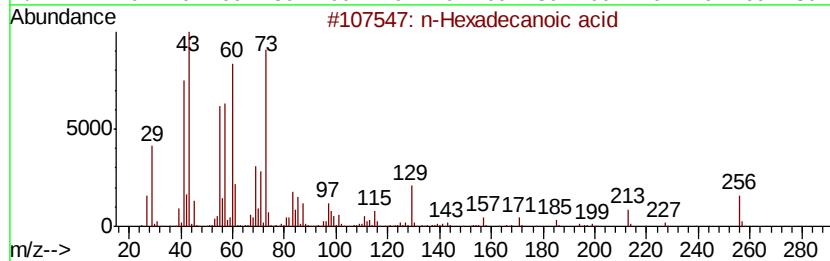
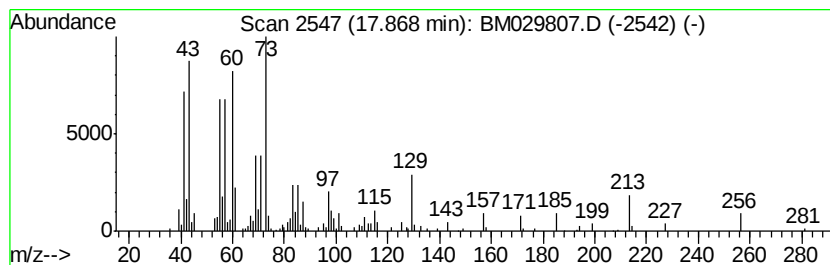
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.75 ng/ul	218108	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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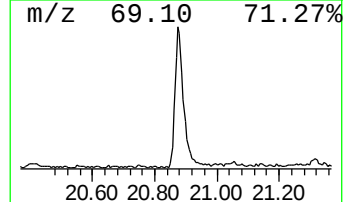
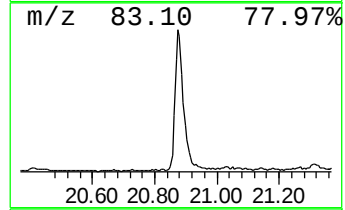
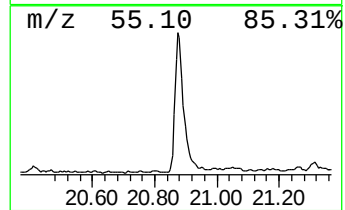
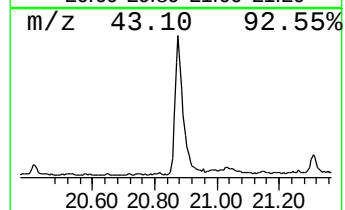
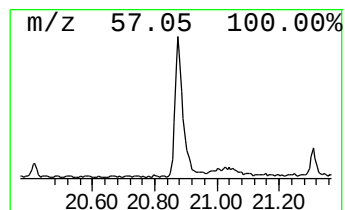
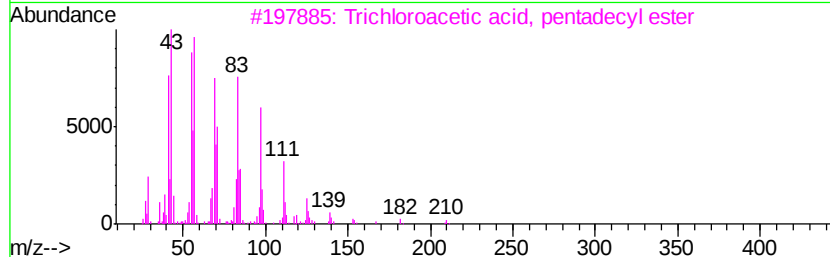
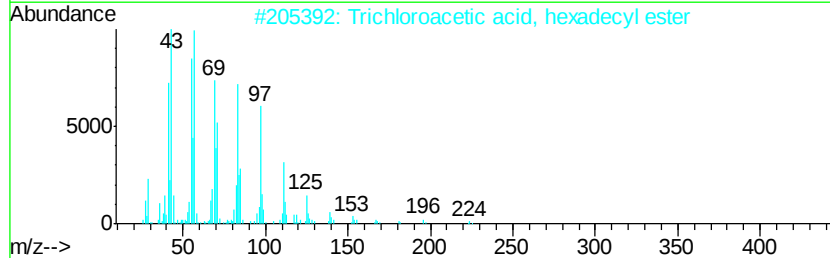
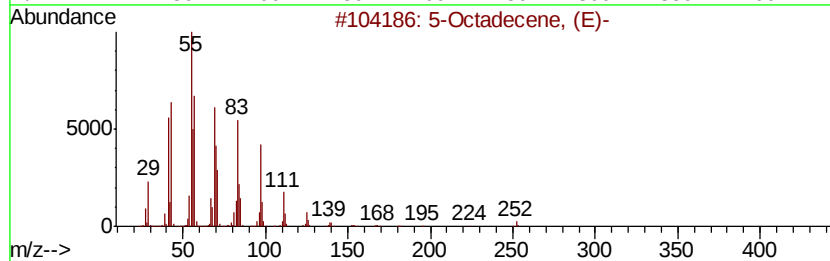
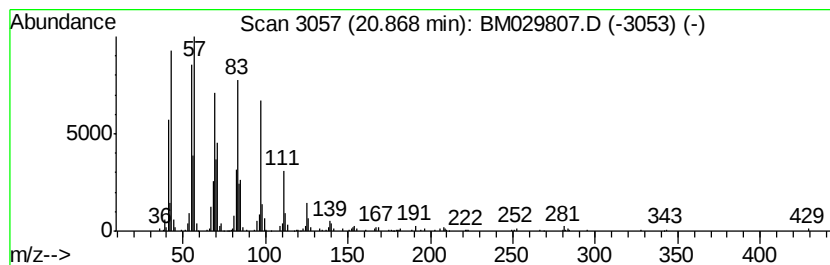
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.71 ng/ul	668842	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	96
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4		Cyclotetracosane	336	C24H48	000297-03-0	93
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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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	218108	4	16.96	1586780	20.0
(DEL) Alkane: Str...	20.87	6.7	ng/ul	668842	5	21.14	1992520	20.0