

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042713.D
 Acq On : 13 Nov 2023 20:47
 Operator : MA/JU
 Sample : 05013-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BM111323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM042713.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	31	33	37	rVB2	5931	7554	0.73%	0.085%
2	3.446	76	78	82	rBV5	2204	2831	0.27%	0.032%
3	3.634	107	110	124	rBV	26529	51036	4.96%	0.572%
4	3.869	149	150	153	rBV3	2066	1299	0.13%	0.015%
5	3.934	157	161	166	rVB2	8881	12778	1.24%	0.143%
6	4.651	281	283	285	rVB3	1241	1092	0.11%	0.012%
7	4.940	330	332	334	rBV3	998	1094	0.11%	0.012%
8	5.269	385	388	389	rBV3	1764	1460	0.14%	0.016%
9	5.287	389	391	395	rVB4	2376	2644	0.26%	0.030%
10	5.416	410	413	416	rBV5	5001	7546	0.73%	0.085%
11	5.510	427	429	431	rBV3	998	1115	0.11%	0.013%
12	5.798	474	478	484	rVB4	4038	5784	0.56%	0.065%
13	6.110	527	531	534	rBV5	1021	1847	0.18%	0.021%
14	6.634	619	620	624	rVB3	1814	1780	0.17%	0.020%
15	6.887	659	663	665	rBV4	1631	2214	0.21%	0.025%
16	6.945	671	673	678	rVB5	1377	1345	0.13%	0.015%
17	7.010	679	684	691	rBV2	13939	30260	2.94%	0.339%
18	7.187	708	714	724	rBV	89984	162473	15.78%	1.822%
19	7.363	738	744	753	rBV	94009	171211	16.63%	1.919%
20	7.451	755	759	763	rVB4	4249	7114	0.69%	0.080%
21	7.598	781	784	786	rBV3	1347	1412	0.14%	0.016%
22	7.839	819	825	836	rBV	113630	199969	19.42%	2.242%
23	8.563	942	948	960	rBV	47460	102029	9.91%	1.144%
24	8.639	960	961	969	rVB5	2480	3592	0.35%	0.040%
25	9.039	1022	1029	1046	rBV	115388	224967	21.85%	2.522%
26	9.233	1058	1062	1065	rVB4	1221	1874	0.18%	0.021%
27	9.498	1104	1107	1108	rBV3	1672	1237	0.12%	0.014%
28	9.586	1119	1122	1126	rBV4	1274	2020	0.20%	0.023%
29	9.751	1143	1150	1159	rBV	105525	197083	19.14%	2.210%
30	10.145	1214	1217	1223	rVB5	862	1576	0.15%	0.018%
31	10.280	1233	1240	1256	rBV	107078	230873	22.42%	2.588%
32	10.410	1260	1262	1266	rVV3	2598	3737	0.36%	0.042%
33	10.463	1269	1271	1274	rVB3	1376	1359	0.13%	0.015%
34	10.651	1296	1303	1317	rVV	158208	267954	26.02%	3.004%
35	10.827	1327	1333	1352	rBV2	71778	191447	18.59%	2.146%
36	11.522	1448	1451	1454	rVB5	738	1155	0.11%	0.013%

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Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
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37	11.569	1454	1459	1462	rBV6	606	1115	0.11%	0.013%
38	12.633	1638	1640	1643	rBV3	1386	1400	0.14%	0.016%
39	12.880	1680	1682	1688	rVB3	985	1605	0.16%	0.018%
40	13.068	1711	1714	1717	rVB3	1309	1467	0.14%	0.016%

41	13.251	1740	1745	1749	rBV4	1759	3421	0.33%	0.038%
42	13.339	1757	1760	1768	rVB4	4905	7428	0.72%	0.083%
43	13.586	1798	1802	1806	rVB4	893	1152	0.11%	0.013%
44	13.915	1851	1858	1869	rBV	341463	484255	47.02%	5.429%
45	14.192	1900	1905	1919	rVV	322854	489917	47.57%	5.493%

46	14.492	1951	1956	1966	rBV	252527	365256	35.47%	4.095%
47	14.780	2002	2005	2009	rBV5	2158	4100	0.40%	0.046%
48	14.851	2015	2017	2021	rBV4	897	1131	0.11%	0.013%
49	14.886	2021	2023	2025	rVV2	1365	1515	0.15%	0.017%
50	14.910	2025	2027	2030	rVB4	1591	1503	0.15%	0.017%

51	14.980	2037	2039	2046	rVB5	1138	2102	0.20%	0.024%
52	15.033	2046	2048	2053	rVB3	1036	1136	0.11%	0.013%
53	15.110	2058	2061	2066	rVB5	1223	1715	0.17%	0.019%
54	15.227	2079	2081	2083	rBV3	973	1115	0.11%	0.013%
55	15.280	2086	2090	2092	rVV4	1187	1579	0.15%	0.018%

56	15.486	2119	2125	2136	rBV	425048	630614	61.24%	7.070%
57	15.557	2136	2137	2139	rVB2	2287	1733	0.17%	0.019%
58	15.633	2144	2150	2163	rVV2	141722	236295	22.95%	2.649%
59	15.721	2163	2165	2167	rVV3	2077	2257	0.22%	0.025%
60	15.745	2167	2169	2171	rVB3	1395	1253	0.12%	0.014%

61	15.945	2201	2203	2206	rBV3	940	1112	0.11%	0.012%
62	16.068	2223	2224	2229	rVB4	936	1093	0.11%	0.012%
63	16.515	2298	2300	2302	rBV2	1046	1139	0.11%	0.013%
64	16.627	2312	2319	2323	rBV9	2304	4668	0.45%	0.052%
65	16.756	2338	2341	2346	rVB4	982	1409	0.14%	0.016%

66	16.798	2346	2348	2351	rBV2	980	1139	0.11%	0.013%
67	17.039	2386	2389	2393	rBV3	1068	1718	0.17%	0.019%
68	17.133	2396	2405	2406	rBV4	2528	4216	0.41%	0.047%
69	17.245	2419	2424	2435	rBV	292237	439270	42.66%	4.925%
70	17.345	2435	2441	2459	rVV2	453954	703955	68.36%	7.892%

71	17.462	2459	2461	2464	rVV3	3330	4072	0.40%	0.046%
72	17.492	2464	2466	2470	rVB4	1706	2022	0.20%	0.023%
73	17.668	2495	2496	2499	rBV	1207	1113	0.11%	0.012%
74	17.809	2519	2520	2523	rBV3	1135	1156	0.11%	0.013%
75	17.874	2526	2531	2533	rBV5	3558	5449	0.53%	0.061%

76	17.992	2550	2551	2555	rVB3	2505	1766	0.17%	0.020%
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77	18.051	2558	2561	2563	rBV4	1312	1344	0.13%	0.015%
78	18.103	2565	2570	2587	rBV2	96327	203071	19.72%	2.277%
79	18.362	2610	2614	2615	rBV4	1596	1720	0.17%	0.019%
80	18.515	2638	2640	2644	rVB5	2390	2287	0.22%	0.026%
81	18.627	2655	2659	2662	rBV6	1541	2127	0.21%	0.024%
82	18.662	2662	2665	2669	rBV5	2950	4270	0.41%	0.048%
83	18.733	2676	2677	2679	rBV2	1345	1077	0.10%	0.012%
84	18.780	2682	2685	2687	rBV3	1996	2603	0.25%	0.029%
85	18.886	2701	2703	2707	rVB4	2388	2419	0.23%	0.027%
86	18.968	2712	2717	2721	rBV6	8276	14130	1.37%	0.158%
87	19.045	2727	2730	2738	rVB7	9548	12168	1.18%	0.136%
88	19.197	2754	2756	2761	rBV5	6107	7867	0.76%	0.088%
89	19.274	2763	2769	2774	rBV4	13329	25109	2.44%	0.282%
90	19.386	2783	2788	2796	rBV2	30762	63814	6.20%	0.715%
91	19.521	2808	2811	2815	rVB5	5540	6306	0.61%	0.071%
92	19.586	2821	2822	2824	rVB2	3584	1437	0.14%	0.016%
93	19.645	2826	2832	2843	rBV	700764	989884	96.13%	11.098%
94	19.850	2865	2867	2868	rBV2	3056	2130	0.21%	0.024%
95	20.115	2909	2912	2914	rBV3	4769	5281	0.51%	0.059%
96	20.562	2986	2988	2991	rBV4	6074	7676	0.75%	0.086%
97	21.097	3075	3079	3087	rBV	59915	91575	8.89%	1.027%
98	21.433	3131	3136	3148	rBV	344642	529237	51.39%	5.933%
99	23.644	3505	3512	3523	rBV	497346	1029785	100.00%	11.545%
100	23.797	3533	3538	3552	rVB	272143	585152	56.82%	6.560%

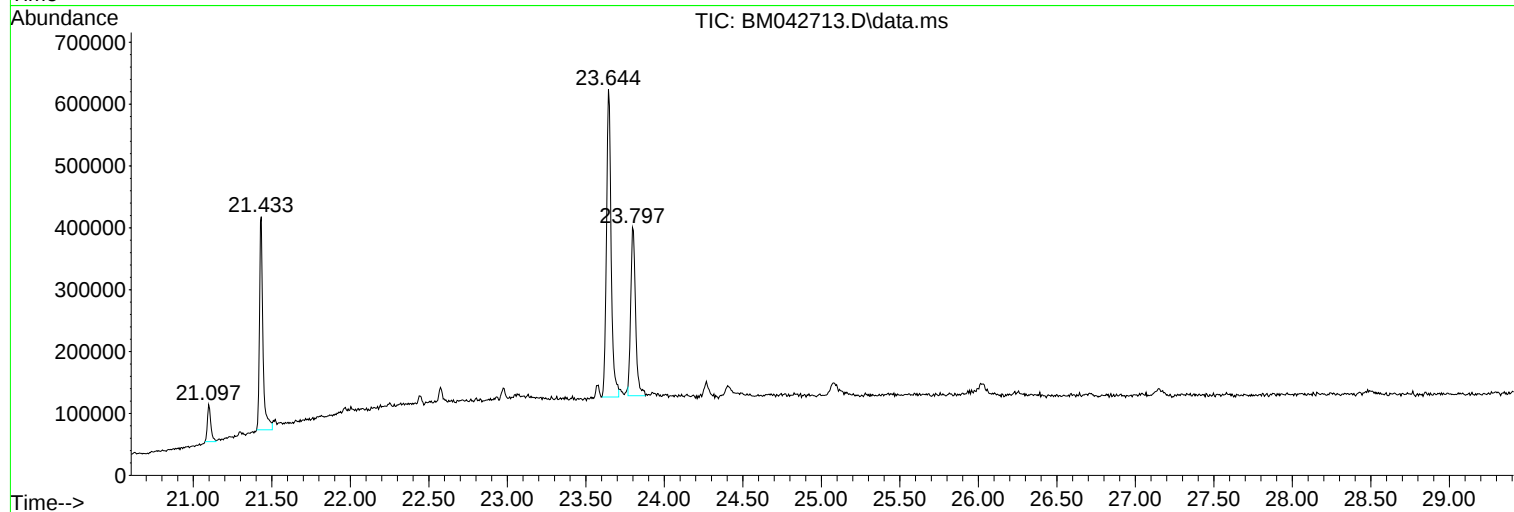
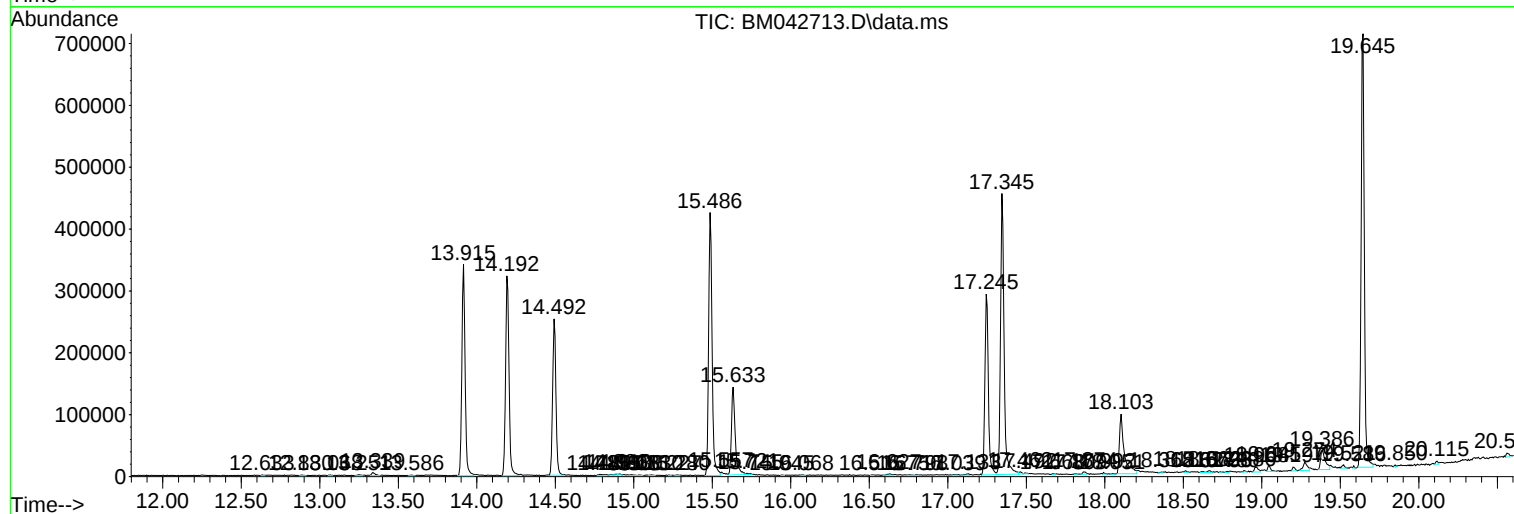
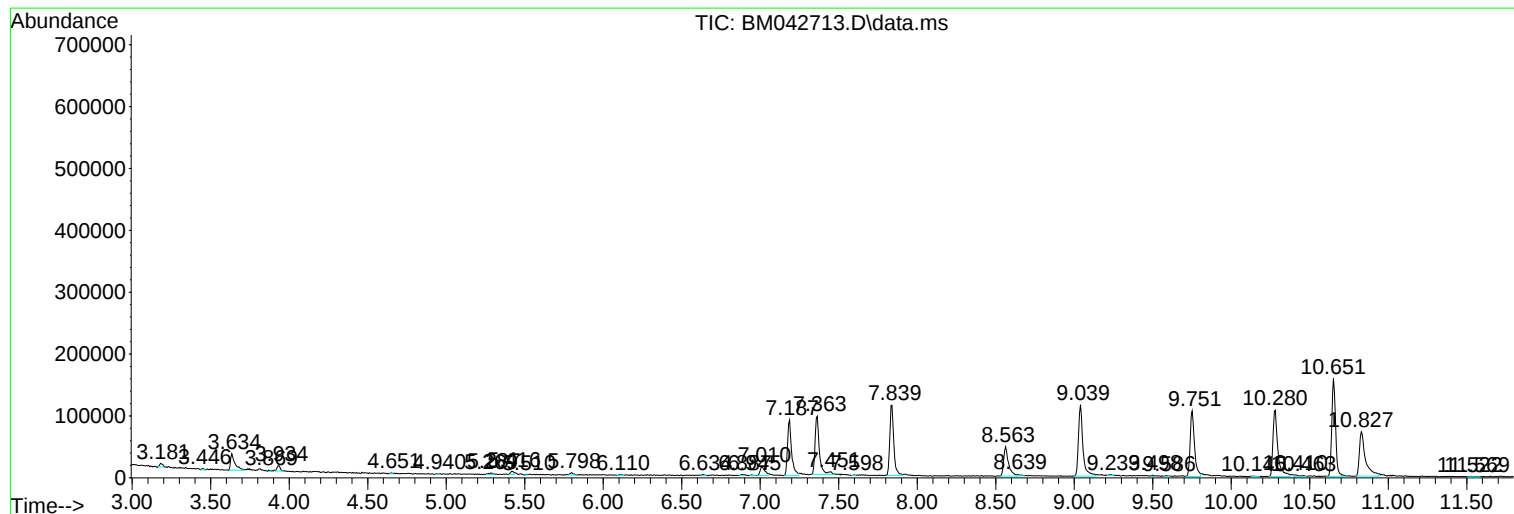
Sum of corrected areas: 8919591

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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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ALS Vial : 11 Sample Multiplier: 1

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BNA_M
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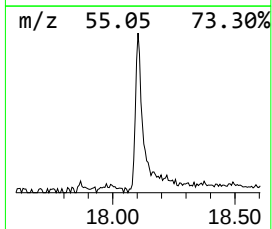
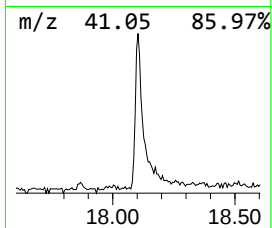
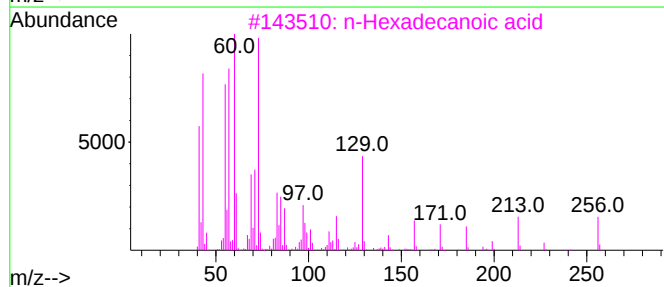
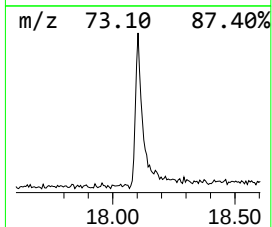
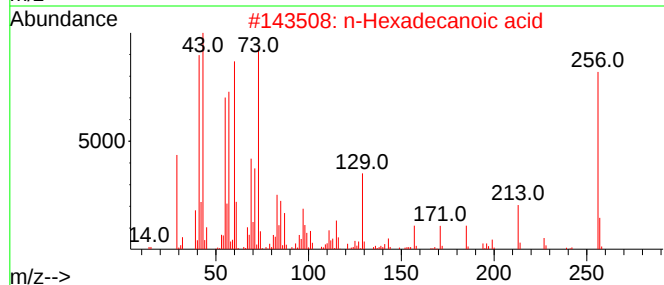
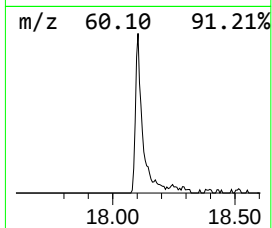
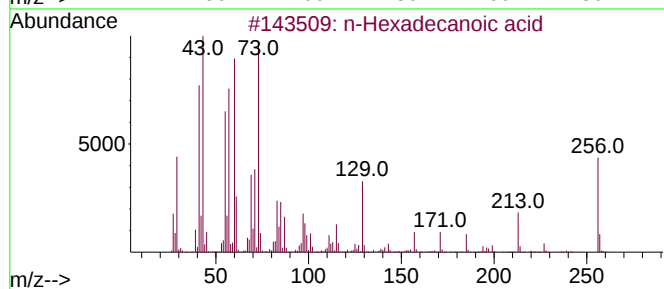
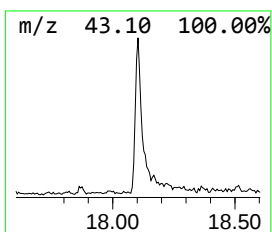
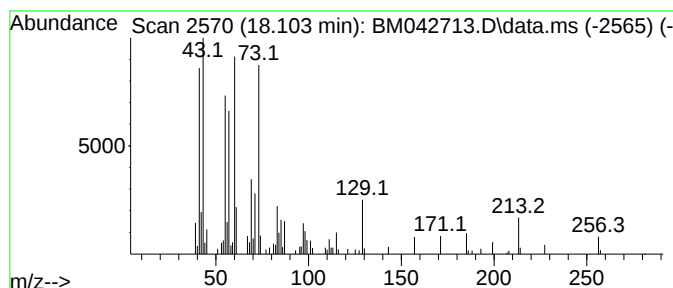
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	9.25 ng/ul	203071	Phenanthrene-d10	17.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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BNA_M
ClientSampleId :

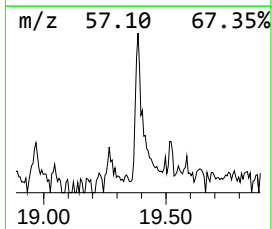
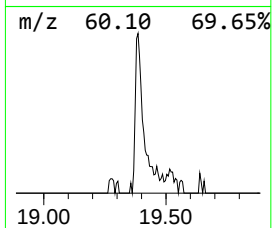
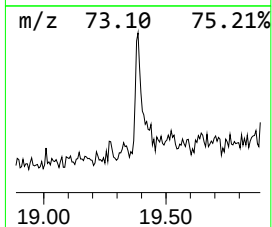
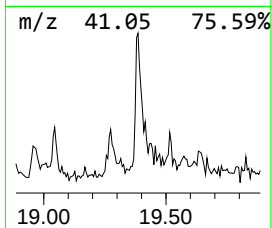
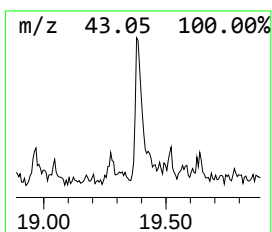
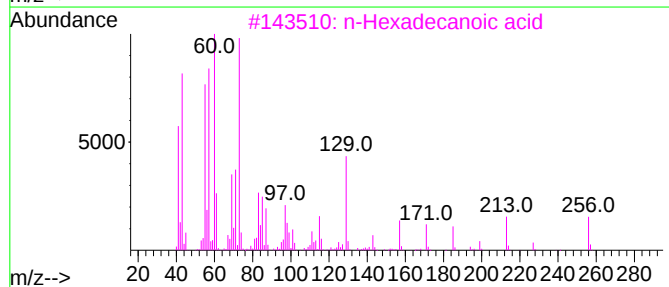
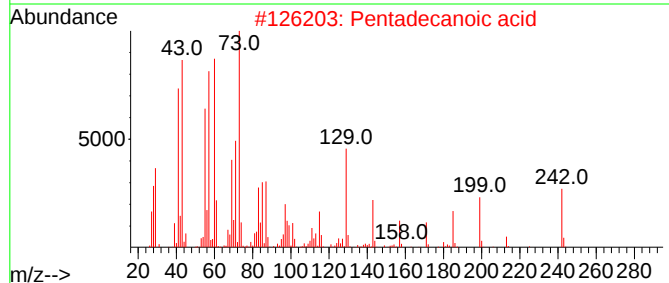
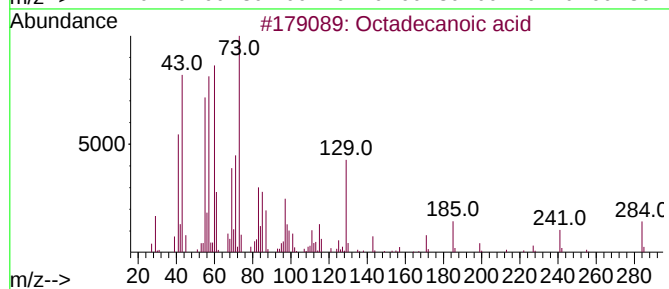
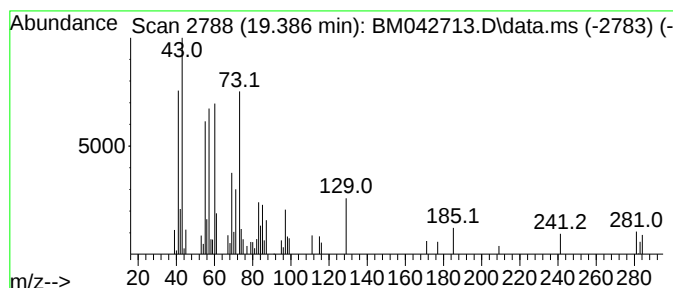
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	2.41 ng/ul	63814	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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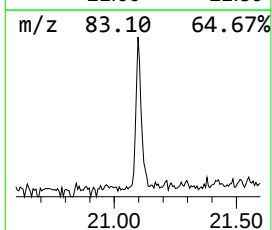
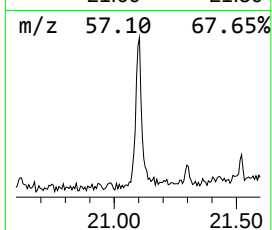
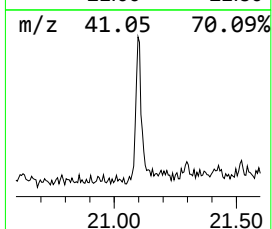
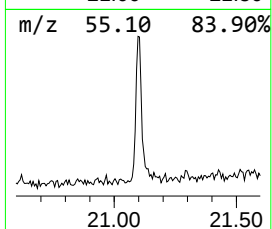
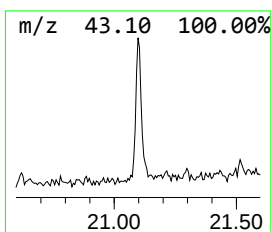
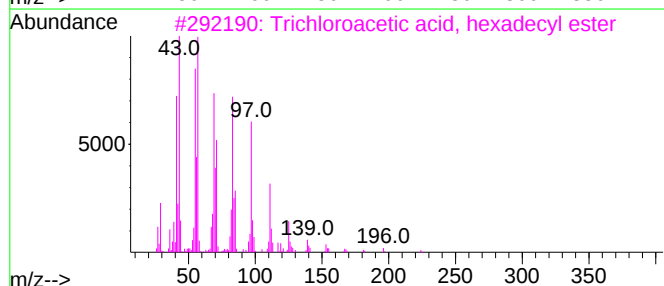
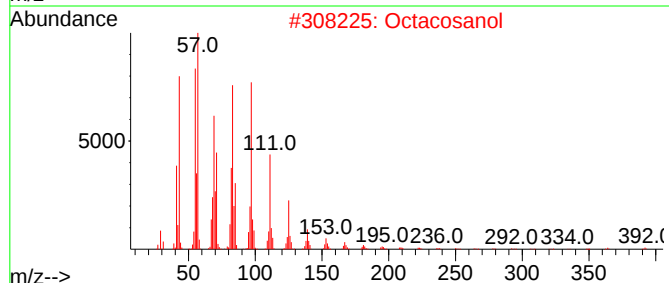
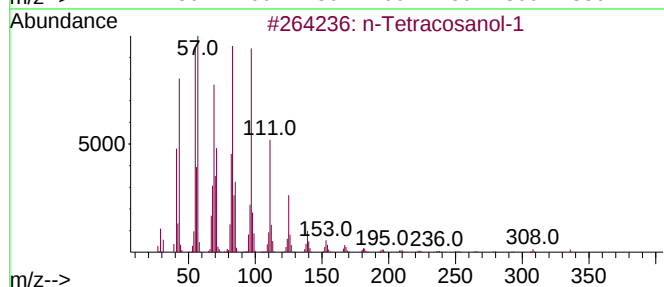
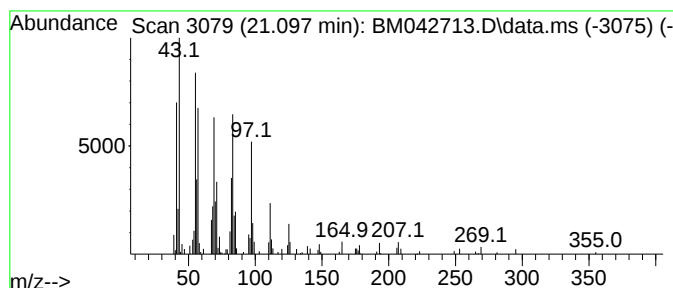
Instrument :
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ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.097	3.46 ng/ul	91575	Chrysene-d12	21.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Pentacos-1-ene	350	C25H50	016980-85-1	90
5	Cyclotetracosane	336	C24H48	000297-03-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042713.D
Acq On : 13 Nov 2023 20:47
Operator : MA/JU
Sample : 05013-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.104	9.3	ng/ul	203071	4	17.245	439270	20.0
Octadecanoic acid	19.386	2.4	ng/ul	63814	5	21.433	529237	20.0
n-Tetracosanol-1	21.097	3.5	ng/ul	91575	5	21.433	529237	20.0