

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042758.D
 Acq On : 15 Nov 2023 06:24
 Operator : MA/JU
 Sample : 05057-24
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A49Y7

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: BM042758.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	30	33	36	rVB3	8536	9617	0.83%	0.102%
2	3.634	107	110	116	rBV	17350	29071	2.51%	0.309%
3	4.281	218	220	222	rBV3	1947	1682	0.15%	0.018%
4	4.675	285	287	290	rVB2	1578	1292	0.11%	0.014%
5	5.728	462	466	468	rBV5	1323	1668	0.14%	0.018%
6	5.793	474	477	478	rVB3	1764	1226	0.11%	0.013%
7	5.822	478	482	483	rBV3	925	1273	0.11%	0.014%
8	5.916	496	498	500	rBV3	1266	1209	0.10%	0.013%
9	6.398	578	580	583	rVB2	1007	1171	0.10%	0.012%
10	7.004	678	683	697	rBV2	26857	72051	6.23%	0.766%
11	7.181	707	713	724	rBV	102350	188128	16.27%	2.000%
12	7.351	737	742	754	rVV	114615	210638	18.21%	2.239%
13	7.445	756	758	764	rVB5	2581	3686	0.32%	0.039%
14	7.828	818	823	833	rBV	106695	191581	16.57%	2.037%
15	8.557	941	947	964	rBV	75280	152813	13.21%	1.625%
16	9.034	1021	1028	1044	rBV	127064	253692	21.94%	2.697%
17	9.745	1142	1149	1160	rBV	108243	209501	18.12%	2.227%
18	9.939	1180	1182	1184	rBV2	1349	1271	0.11%	0.014%
19	9.981	1184	1189	1192	rVV5	956	1968	0.17%	0.021%
20	10.275	1232	1239	1258	rBV	121035	284698	24.62%	3.027%
21	10.516	1278	1280	1286	rVB5	2535	3918	0.34%	0.042%
22	10.581	1288	1291	1292	rVV2	1773	1746	0.15%	0.019%
23	10.645	1295	1302	1309	rBV	143455	249992	21.62%	2.658%
24	10.845	1328	1336	1345	rBV	4707	13524	1.17%	0.144%
25	11.404	1428	1431	1435	rBV3	1054	1508	0.13%	0.016%
26	11.910	1514	1517	1520	rBV4	927	1203	0.10%	0.013%
27	12.163	1555	1560	1563	rVV3	1146	1901	0.16%	0.020%
28	12.804	1665	1669	1671	rBV3	1594	1758	0.15%	0.019%
29	13.057	1708	1712	1720	rVB5	1671	3010	0.26%	0.032%
30	13.339	1755	1760	1762	rBV3	3220	4859	0.42%	0.052%
31	13.710	1820	1823	1826	rBV2	1524	1986	0.17%	0.021%
32	13.910	1851	1857	1872	rBV	367602	518426	44.83%	5.511%
33	14.027	1875	1877	1881	rVB3	880	1170	0.10%	0.012%
34	14.110	1888	1891	1892	rBV3	1210	1208	0.10%	0.013%
35	14.127	1892	1894	1898	rVB3	1435	1222	0.11%	0.013%
36	14.186	1898	1904	1913	rBV	364854	536666	46.41%	5.705%

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37	14.280	1918	1920	1924	rVV2	1594	1830	0.16%	0.019%
38	14.310	1924	1925	1929	rVB3	1510	1425	0.12%	0.015%
39	14.386	1935	1938	1943	rBV3	650	1406	0.12%	0.015%
40	14.486	1948	1955	1963	rBV	233432	336768	29.12%	3.580%
41	14.786	1999	2006	2008	rBV5	4649	9141	0.79%	0.097%
42	14.886	2022	2023	2028	rVB5	1221	1304	0.11%	0.014%
43	14.921	2028	2029	2034	rVB4	1221	1368	0.12%	0.015%
44	15.057	2050	2052	2054	rBV2	1027	1313	0.11%	0.014%
45	15.227	2072	2081	2083	rVV2	4542	6238	0.54%	0.066%
46	15.274	2085	2089	2091	rVV3	2392	3541	0.31%	0.038%
47	15.304	2091	2094	2099	rVV2	3901	4906	0.42%	0.052%
48	15.480	2118	2124	2144	rBV	470261	696298	60.21%	7.402%
49	15.627	2144	2149	2163	rVV	159546	256776	22.20%	2.730%
50	15.715	2163	2164	2170	rVB5	4026	4761	0.41%	0.051%
51	15.857	2184	2188	2195	rVB	18892	27500	2.38%	0.292%
52	16.098	2225	2229	2231	rBV4	2859	3116	0.27%	0.033%
53	16.133	2233	2235	2239	rVB5	2513	2907	0.25%	0.031%
54	16.345	2266	2271	2276	rVB5	1415	2363	0.20%	0.025%
55	16.415	2278	2283	2288	rVB5	2588	3769	0.33%	0.040%
56	16.610	2310	2316	2317	rBV5	1969	2597	0.22%	0.028%
57	16.927	2364	2370	2372	rBV5	2672	3905	0.34%	0.042%
58	16.962	2374	2376	2379	rVB3	2795	2317	0.20%	0.025%
59	17.104	2396	2400	2402	rBV4	2130	2110	0.18%	0.022%
60	17.180	2410	2413	2415	rBV4	1176	1237	0.11%	0.013%
61	17.239	2417	2423	2434	rBV	274890	403756	34.91%	4.292%
62	17.339	2434	2440	2448	rBV	547251	792244	68.51%	8.423%
63	17.457	2458	2460	2463	rVB3	2150	1606	0.14%	0.017%
64	17.498	2463	2467	2470	rVB2	5873	7687	0.66%	0.082%
65	17.580	2479	2481	2485	rVB4	2184	1594	0.14%	0.017%
66	17.715	2502	2504	2506	rBV2	1711	1663	0.14%	0.018%
67	17.780	2510	2515	2519	rVB7	1572	3446	0.30%	0.037%
68	17.821	2519	2522	2523	rBV3	1749	1474	0.13%	0.016%
69	17.857	2525	2528	2530	rVB4	1001	1162	0.10%	0.012%
70	17.886	2530	2533	2536	rVB4	1229	1703	0.15%	0.018%
71	17.933	2539	2541	2545	rBV5	1769	3310	0.29%	0.035%
72	18.015	2551	2555	2558	rVB4	1916	2850	0.25%	0.030%
73	18.051	2558	2561	2563	rBV3	2137	2677	0.23%	0.028%
74	18.092	2563	2568	2578	rBV	109042	200751	17.36%	2.134%
75	18.304	2602	2604	2605	rBV2	2445	1977	0.17%	0.021%
76	18.321	2605	2607	2610	rVB4	2882	3528	0.31%	0.038%

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77	18.362	2610	2614	2615	rBV4	2937	3504	0.30%	0.037%
78	18.468	2628	2632	2635	rBV6	1755	3603	0.31%	0.038%
79	18.504	2636	2638	2642	rVB4	3214	3648	0.32%	0.039%
80	18.580	2648	2651	2653	rBV4	2003	2594	0.22%	0.028%
81	18.609	2653	2656	2657	rVV3	1796	1874	0.16%	0.020%
82	18.656	2661	2664	2670	rVB7	3229	5052	0.44%	0.054%
83	18.715	2671	2674	2677	rBV5	1570	1787	0.15%	0.019%
84	18.956	2711	2715	2717	rBV5	2880	3645	0.32%	0.039%
85	19.192	2752	2755	2759	rBV3	6674	8402	0.73%	0.089%
86	19.268	2764	2768	2772	rVB5	8636	12383	1.07%	0.132%
87	19.374	2782	2786	2791	rBV3	34650	57172	4.94%	0.608%
88	19.515	2807	2810	2814	rBV5	4882	6801	0.59%	0.072%
89	19.574	2818	2820	2824	rVB4	4060	3751	0.32%	0.040%
90	19.633	2825	2830	2838	rBV	855240	1119258	96.78%	11.899%
91	20.109	2906	2911	2915	rBV7	9148	15970	1.38%	0.170%
92	21.086	3073	3077	3087	rBV	178667	248684	21.50%	2.644%
93	21.421	3129	3134	3140	rBV	347163	464298	40.15%	4.936%
94	23.633	3503	3510	3523	rBV2	589902	1156461	100.00%	12.295%
95	23.786	3530	3536	3545	rVB	257366	514720	44.51%	5.472%

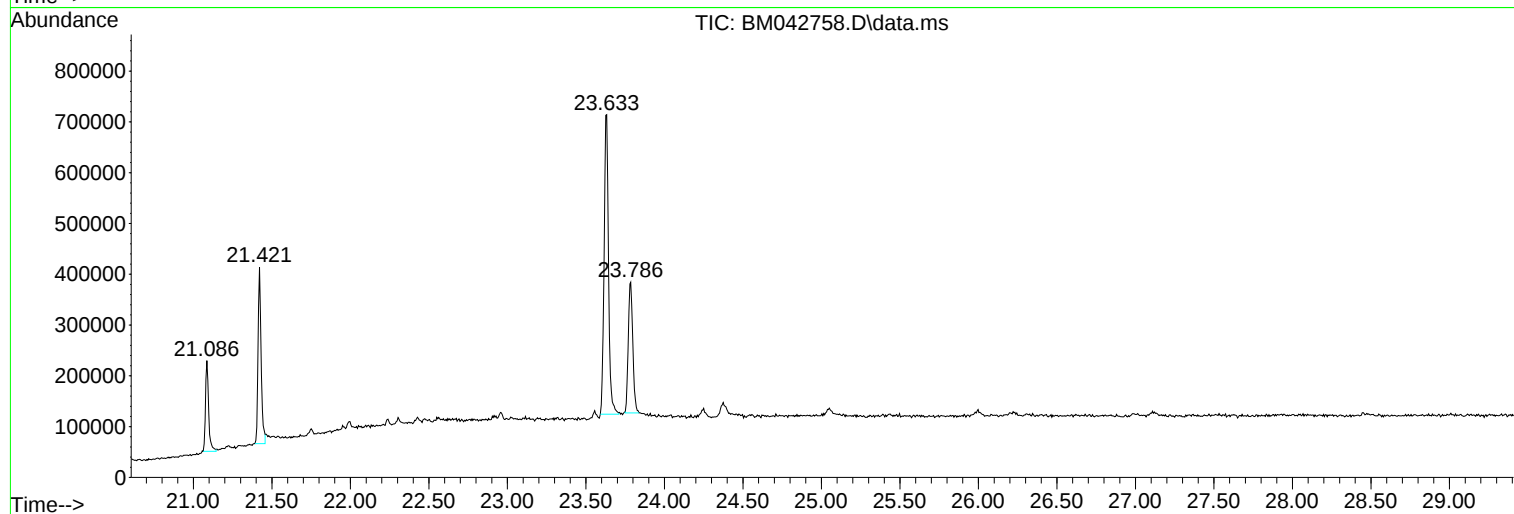
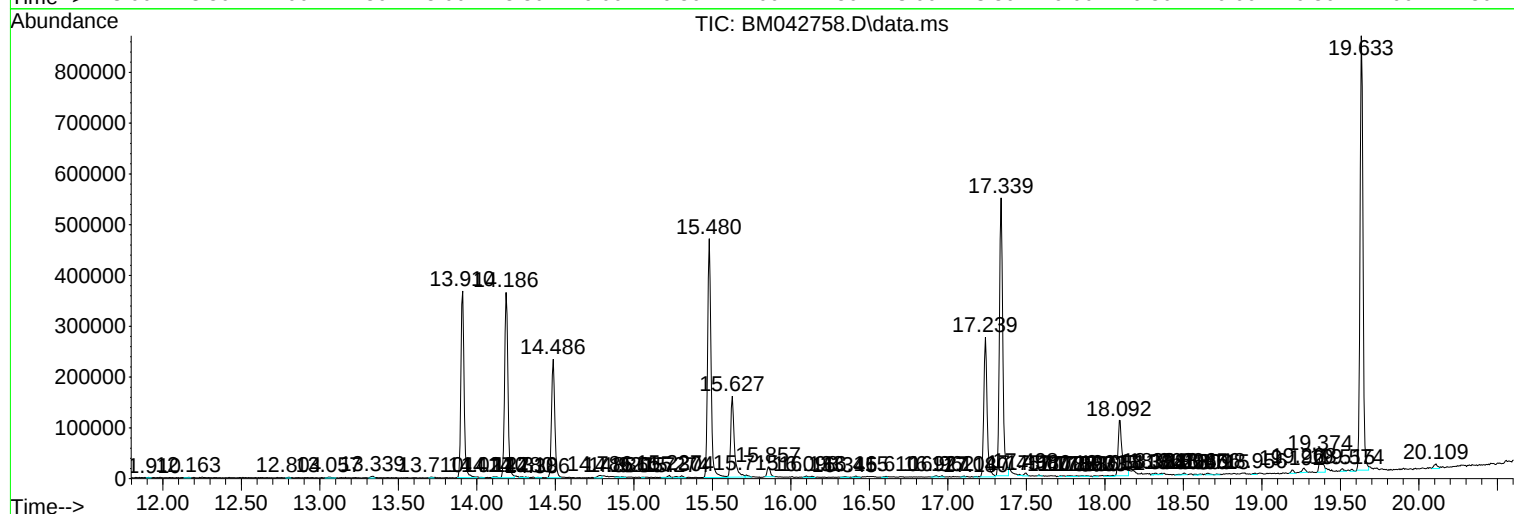
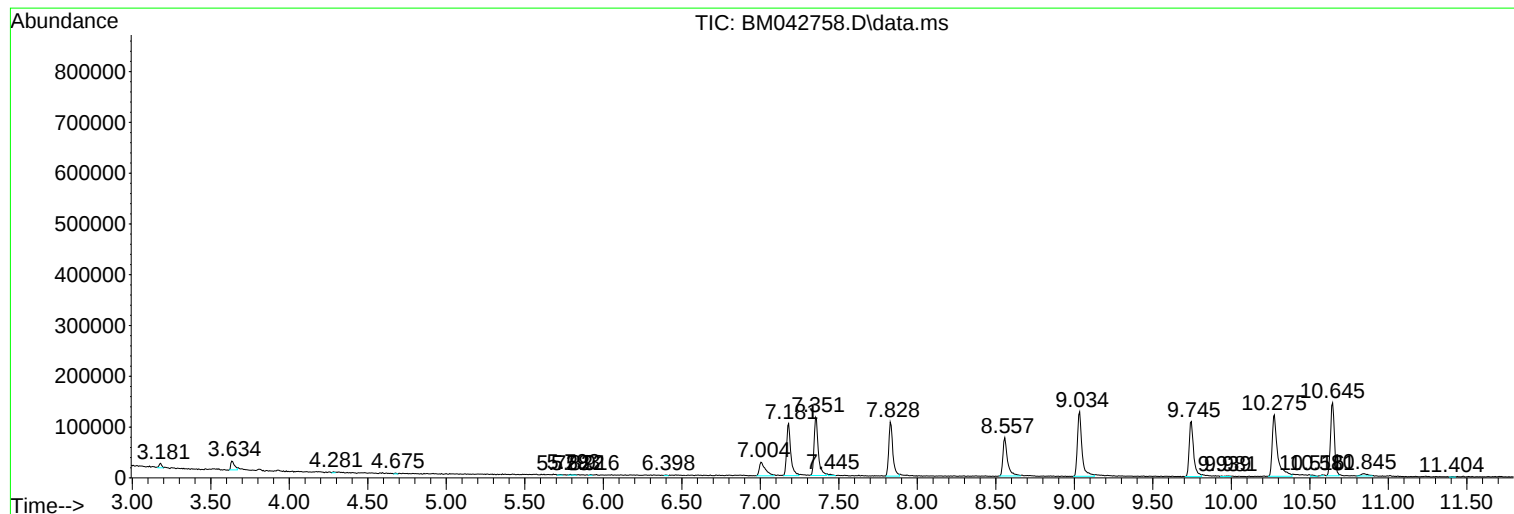
Sum of corrected areas: 9406264

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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



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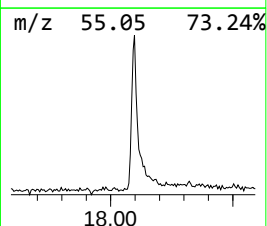
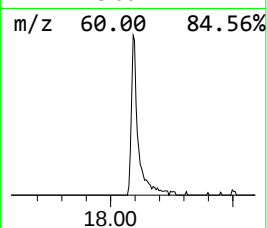
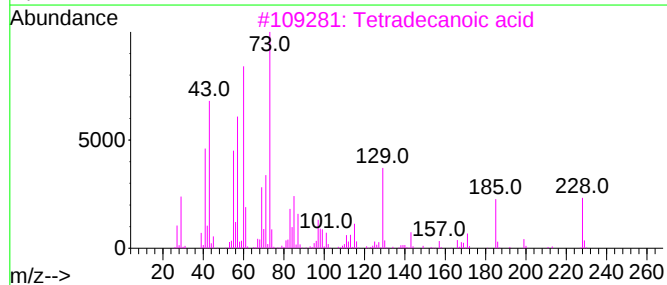
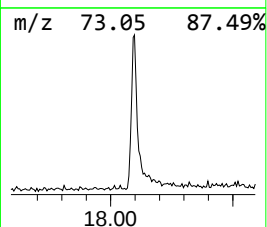
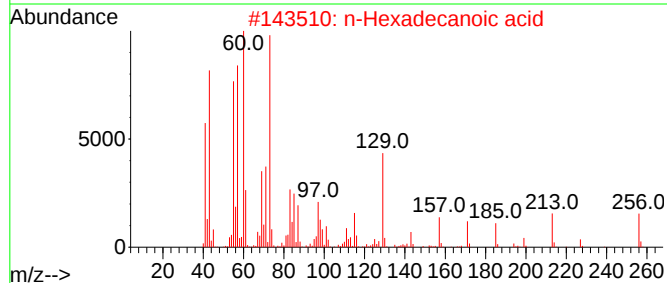
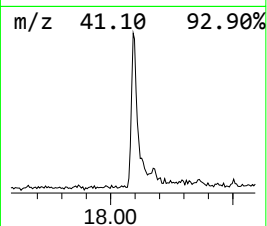
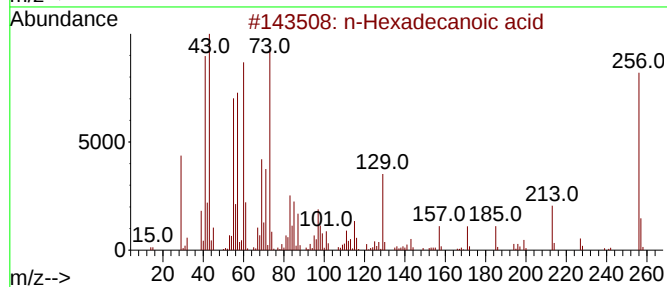
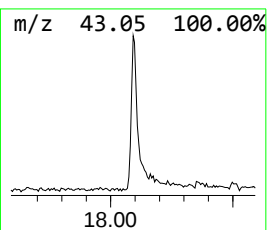
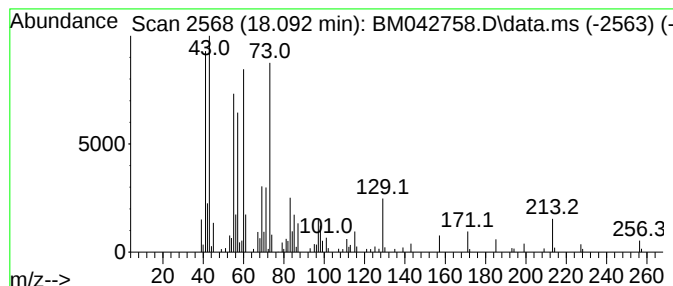
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	9.94 ng/ul	200751	Phenanthrene-d10	17.239

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	94
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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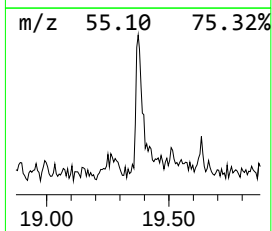
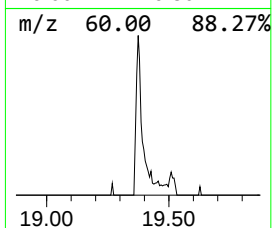
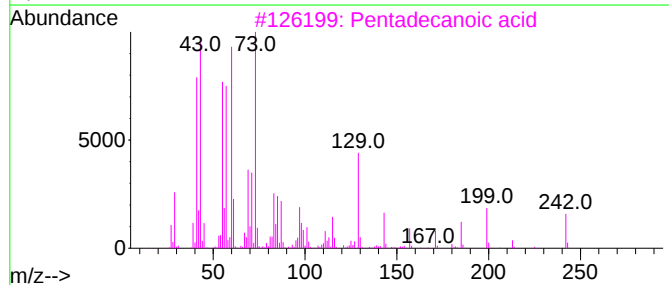
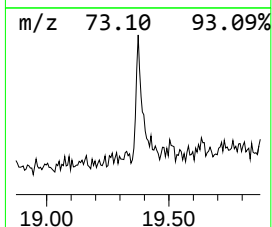
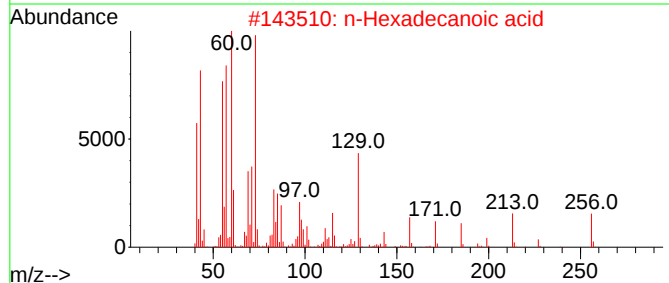
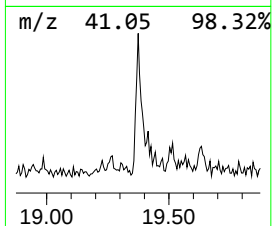
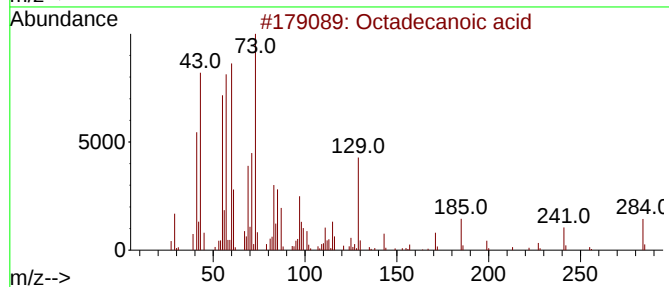
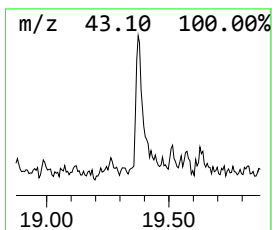
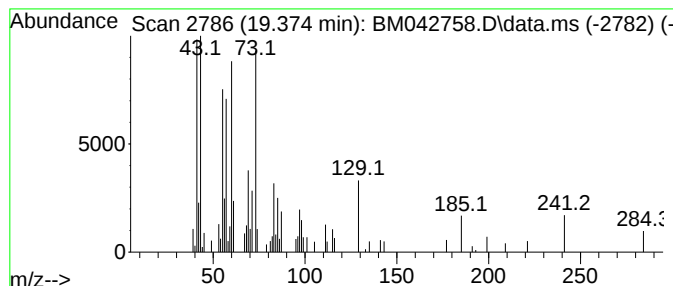
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	2.46 ng/ul	57172	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59



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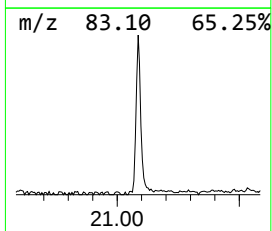
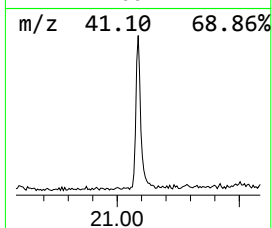
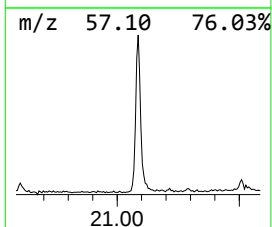
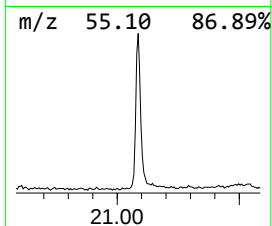
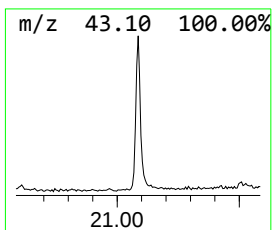
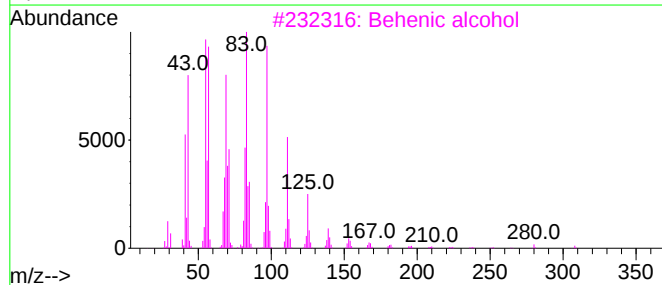
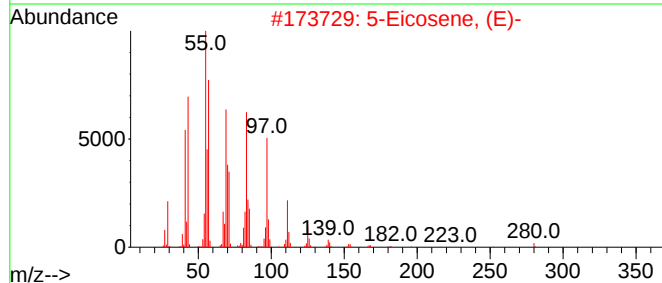
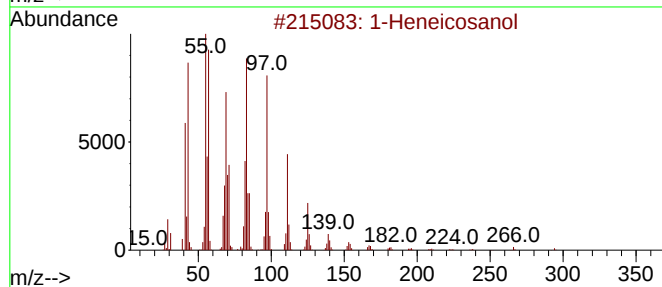
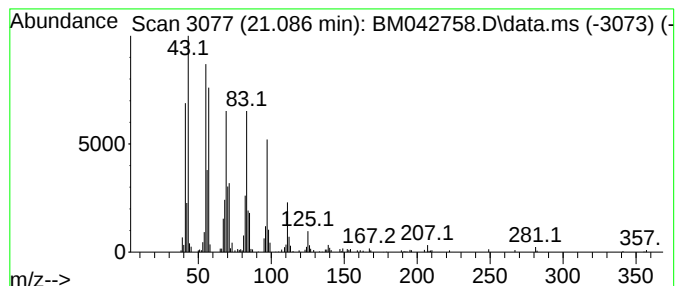
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.086	10.71 ng/ul	248684	Chrysene-d12	21.421	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042758.D
Acq On : 15 Nov 2023 06:24
Operator : MA/JU
Sample : 05057-24
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A49Y7

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 ...	18.092	9.9	ng/ul	200751	4	17.239	403756	20.0
Octadecanoic acid	19.374	2.5	ng/ul	57172	5	21.421	464298	20.0
1-Heneicosanol	21.086	10.7	ng/ul	248684	5	21.421	464298	20.0