

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042757.D
 Acq On : 15 Nov 2023 05:47
 Operator : MA/JU
 Sample : 05057-23
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A49Y8

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: BM042757.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	29	33	36	rBV4	8246	11211	0.85%	0.097%
2	3.504	84	88	94	rVB3	5644	8392	0.64%	0.072%
3	3.634	107	110	125	rBV	21752	46938	3.58%	0.405%
4	4.451	245	249	259	rBV4	11243	18003	1.37%	0.155%
5	6.840	652	655	658	rBV5	1210	1599	0.12%	0.014%
6	7.004	675	683	695	rBV3	31895	84197	6.42%	0.727%
7	7.181	707	713	728	rBV	130024	237784	18.13%	2.052%
8	7.351	736	742	762	rBV	136462	249579	19.03%	2.154%
9	7.534	771	773	777	rVB5	1885	1838	0.14%	0.016%
10	7.581	777	781	784	rBV4	1123	1806	0.14%	0.016%
11	7.828	817	823	836	rBV	124645	223200	17.02%	1.926%
12	7.987	848	850	853	rVB4	1205	1497	0.11%	0.013%
13	8.175	878	882	886	rBV4	750	1481	0.11%	0.013%
14	8.557	941	947	962	rBV	89449	176142	13.43%	1.520%
15	9.034	1021	1028	1052	rBV	160631	333432	25.43%	2.877%
16	9.598	1122	1124	1128	rVB5	1113	1350	0.10%	0.012%
17	9.745	1142	1149	1166	rBV	136030	269804	20.57%	2.328%
18	9.857	1166	1168	1169	rVV2	2781	2233	0.17%	0.019%
19	9.875	1169	1171	1174	rVV4	2076	2949	0.22%	0.025%
20	9.904	1174	1176	1180	rVB4	1997	2502	0.19%	0.022%
21	9.975	1186	1188	1194	rVB4	1627	1660	0.13%	0.014%
22	10.210	1225	1228	1230	rBV3	1226	1396	0.11%	0.012%
23	10.269	1230	1238	1254	rBV	160642	354458	27.03%	3.059%
24	10.581	1286	1291	1296	rBV8	2939	6067	0.46%	0.052%
25	10.645	1296	1302	1316	rVB	172585	297881	22.72%	2.570%
26	10.828	1327	1333	1346	rBV	26136	65120	4.97%	0.562%
27	10.910	1346	1347	1352	rVB5	1515	1775	0.14%	0.015%
28	11.145	1383	1387	1389	rBV2	1502	1538	0.12%	0.013%
29	11.439	1433	1437	1440	rBV5	1417	2096	0.16%	0.018%
30	11.633	1466	1470	1473	rBV4	822	1422	0.11%	0.012%
31	11.669	1473	1476	1479	rVV4	918	1641	0.13%	0.014%
32	11.880	1510	1512	1515	rVB3	1421	1414	0.11%	0.012%
33	11.998	1528	1532	1534	rVB2	1108	1481	0.11%	0.013%
34	12.151	1555	1558	1563	rBV4	1459	2084	0.16%	0.018%
35	12.245	1569	1574	1577	rBV4	1608	2731	0.21%	0.024%
36	12.510	1618	1619	1624	rVB2	912	1381	0.11%	0.012%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
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37	12.804	1665	1669	1673	rVB5	2630	4205	0.32%	0.036%
38	13.057	1707	1712	1717	rBV5	3907	6294	0.48%	0.054%
39	13.263	1743	1747	1750	rVB3	1341	1884	0.14%	0.016%
40	13.333	1755	1759	1764	rVV2	8250	12368	0.94%	0.107%
41	13.710	1819	1823	1827	rVB4	3014	4679	0.36%	0.040%
42	13.910	1850	1857	1870	rBV	453688	641649	48.93%	5.537%
43	14.110	1885	1891	1896	rBV4	3980	6824	0.52%	0.059%
44	14.186	1898	1904	1915	rBV	467964	679376	51.81%	5.862%
45	14.486	1949	1955	1967	rBV	278709	402541	30.70%	3.473%
46	14.780	1999	2005	2006	rBV4	5017	7693	0.59%	0.066%
47	14.880	2018	2022	2028	rVB6	1969	3852	0.29%	0.033%
48	15.098	2058	2059	2064	rVB5	1468	1819	0.14%	0.016%
49	15.227	2076	2081	2085	rBV	10421	13460	1.03%	0.116%
50	15.274	2085	2089	2091	rVV3	5171	7586	0.58%	0.065%
51	15.304	2091	2094	2102	rVB2	12233	16684	1.27%	0.144%
52	15.480	2118	2124	2144	rBV	622762	886313	67.59%	7.648%
53	15.627	2144	2149	2162	rVV	188962	296333	22.60%	2.557%
54	15.715	2162	2164	2168	rVB5	2267	3261	0.25%	0.028%
55	15.857	2182	2188	2197	rBV	21796	32890	2.51%	0.284%
56	15.992	2209	2211	2216	rBV4	2889	3214	0.25%	0.028%
57	16.104	2224	2230	2233	rBV4	6119	10259	0.78%	0.089%
58	16.133	2233	2235	2238	rVB3	2358	3132	0.24%	0.027%
59	16.345	2266	2271	2275	rVB4	3655	6275	0.48%	0.054%
60	16.410	2279	2282	2290	rVB7	2771	4853	0.37%	0.042%
61	16.486	2290	2295	2301	rBV	15708	28284	2.16%	0.244%
62	16.592	2309	2313	2319	rBV3	9210	18153	1.38%	0.157%
63	16.698	2326	2331	2338	rVB6	3620	7509	0.57%	0.065%
64	16.757	2338	2341	2344	rBV3	1411	1845	0.14%	0.016%
65	16.798	2344	2348	2351	rBV5	1171	2232	0.17%	0.019%
66	16.880	2359	2362	2365	rBV5	2238	2496	0.19%	0.022%
67	16.915	2365	2368	2371	rVV4	3849	4627	0.35%	0.040%
68	16.962	2373	2376	2381	rVB6	2467	4520	0.34%	0.039%
69	17.062	2389	2393	2396	rBV4	1374	1606	0.12%	0.014%
70	17.098	2396	2399	2407	rVB5	3842	5085	0.39%	0.044%
71	17.239	2417	2423	2433	rBV	339921	477871	36.44%	4.123%
72	17.339	2433	2440	2457	rVV	663846	954164	72.76%	8.233%
73	17.498	2462	2467	2471	rVB	12863	17802	1.36%	0.154%
74	17.568	2476	2479	2481	rBV4	1037	1390	0.11%	0.012%
75	17.662	2492	2495	2497	rVB4	2725	2538	0.19%	0.022%
76	17.956	2543	2545	2546	rBV2	1790	1361	0.10%	0.012%

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77	18.027	2555	2557	2559	rBV2	1528	1430	0.11%	0.012%
78	18.098	2563	2569	2579	rBV	148789	261166	19.92%	2.254%
79	18.180	2581	2583	2591	rVB	15905	23631	1.80%	0.204%
80	18.315	2604	2606	2608	rBV3	2137	1928	0.15%	0.017%
81	18.362	2611	2614	2618	rVB4	4483	7072	0.54%	0.061%
82	18.427	2623	2625	2630	rVB5	2850	4017	0.31%	0.035%
83	18.504	2634	2638	2640	rBV4	5424	5807	0.44%	0.050%
84	18.580	2649	2651	2653	rBV3	1669	1924	0.15%	0.017%
85	18.651	2661	2663	2669	rVB7	3397	4593	0.35%	0.040%
86	18.815	2690	2691	2693	rBV2	1820	1510	0.12%	0.013%
87	18.945	2711	2713	2716	rBV3	3013	2208	0.17%	0.019%
88	18.992	2719	2721	2728	rVB5	5809	6291	0.48%	0.054%
89	19.198	2752	2756	2759	rBV4	7280	8835	0.67%	0.076%
90	19.268	2764	2768	2775	rVB3	12901	21391	1.63%	0.185%
91	19.374	2781	2786	2796	rBV2	48476	91437	6.97%	0.789%
92	19.509	2807	2809	2812	rVB4	4967	4755	0.36%	0.041%
93	19.574	2817	2820	2825	rVB5	5890	5780	0.44%	0.050%
94	19.633	2825	2830	2839	rBV	995698	1285150	98.00%	11.089%
95	20.109	2907	2911	2915	rBV6	11252	15812	1.21%	0.136%
96	20.603	2993	2995	2998	rBV4	7252	7963	0.61%	0.069%
97	21.086	3072	3077	3085	rBV	209879	297283	22.67%	2.565%
98	21.421	3129	3134	3144	rBV	416520	577285	44.02%	4.981%
99	23.633	3503	3510	3522	rBV	667580	1311349	100.00%	11.315%
100	23.786	3530	3536	3550	rVB	310978	631389	48.15%	5.448%

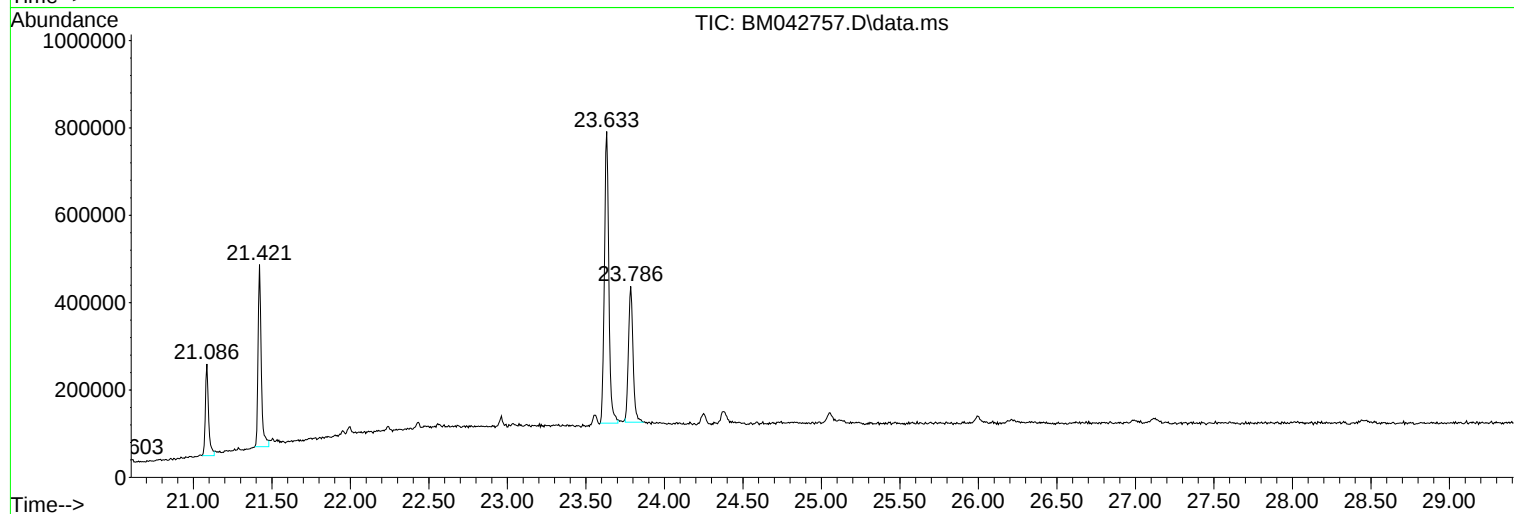
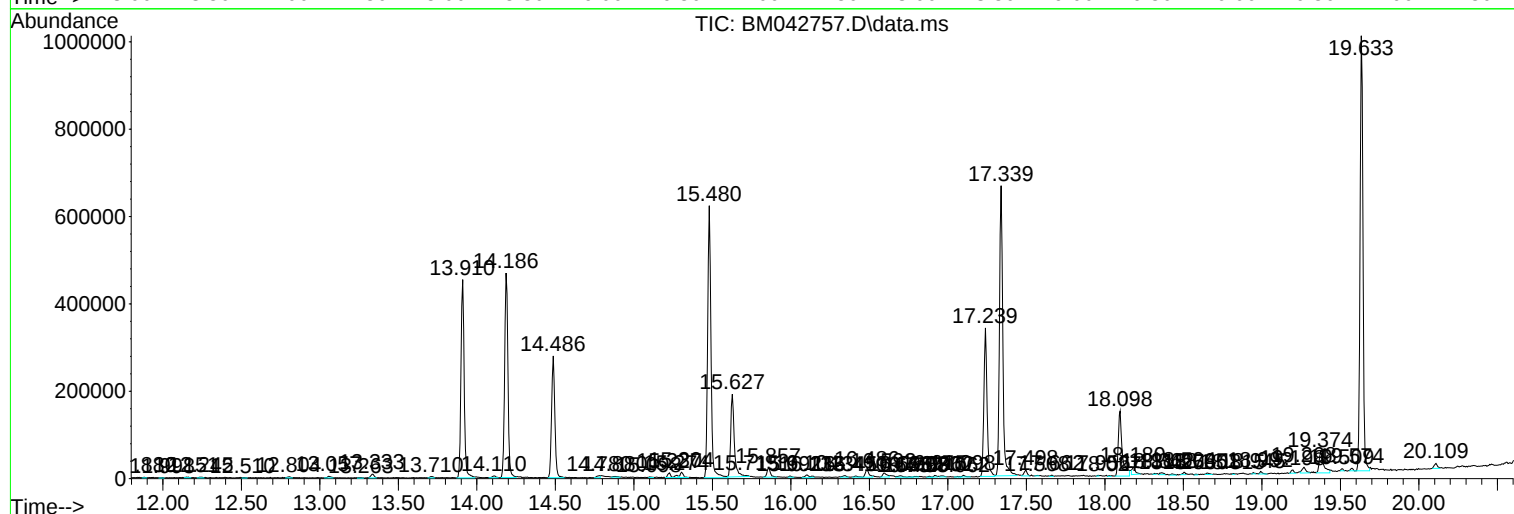
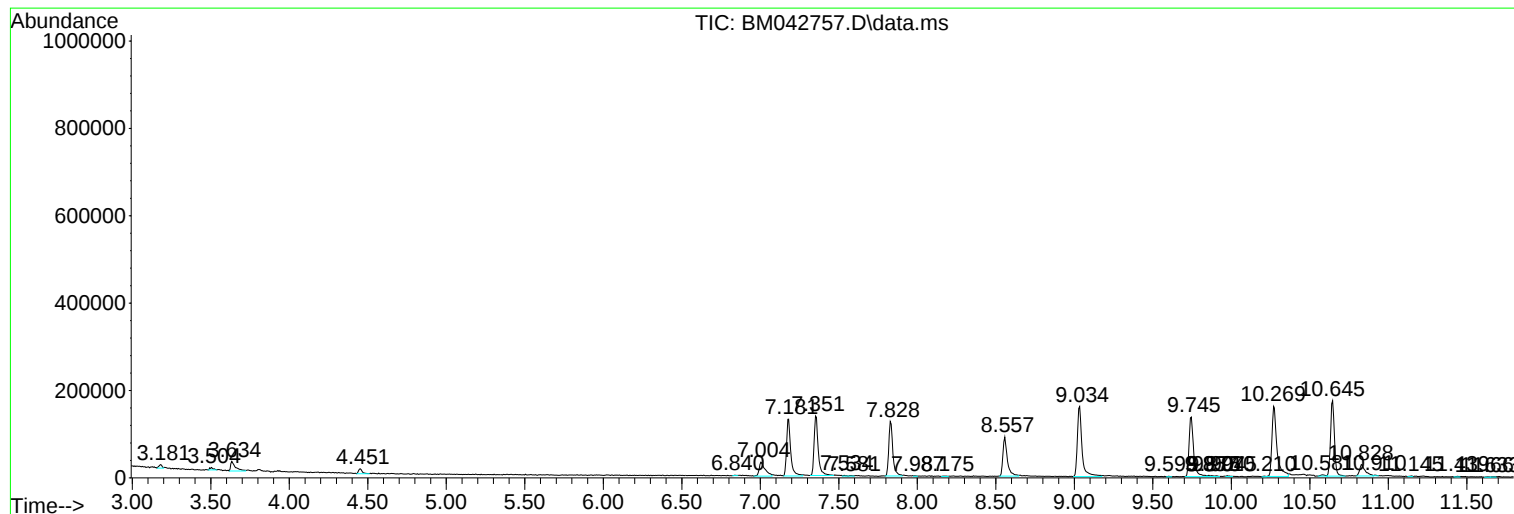
Sum of corrected areas: 11589015

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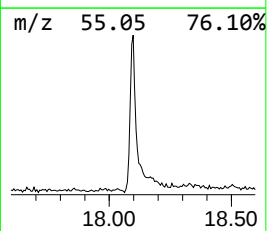
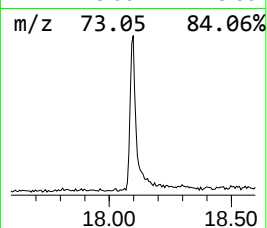
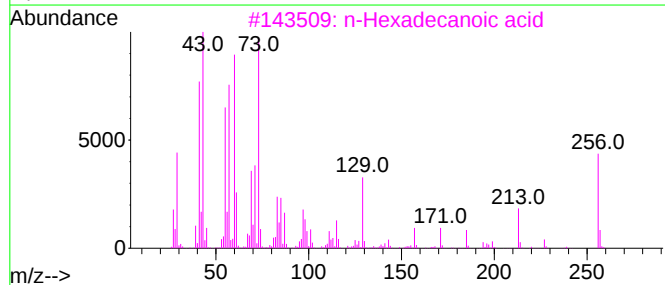
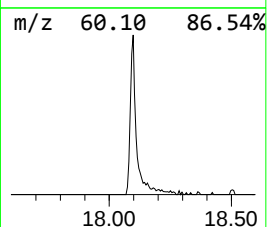
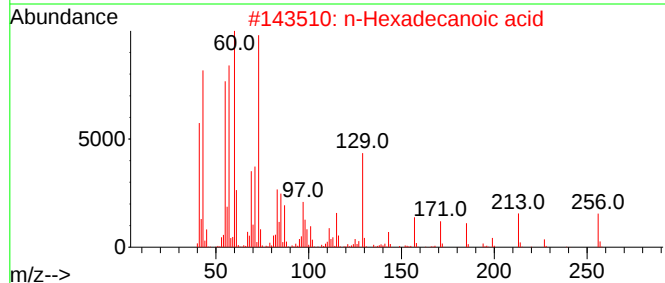
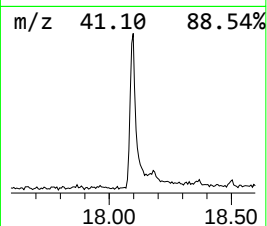
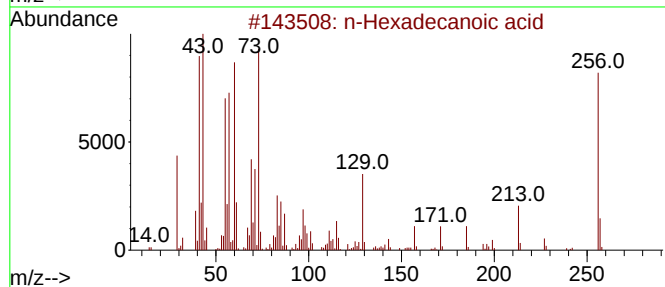
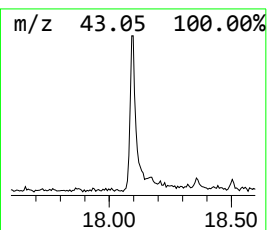
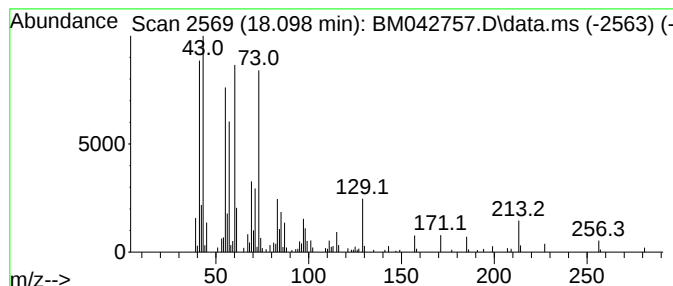
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	10.93 ng/ul	261166	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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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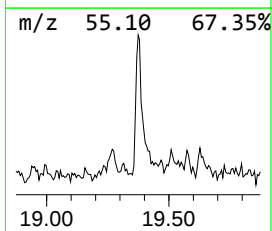
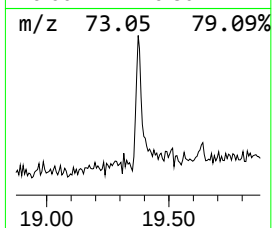
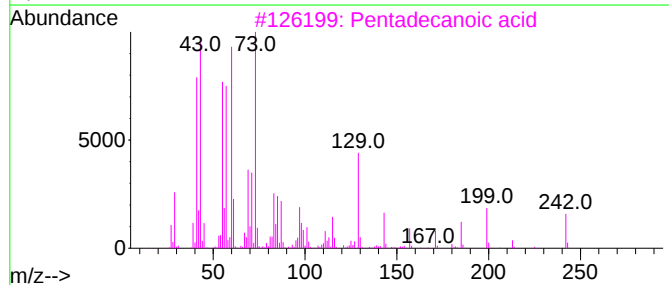
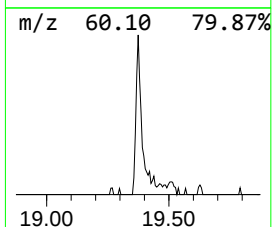
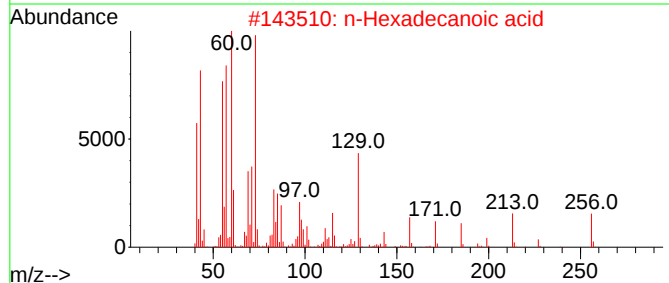
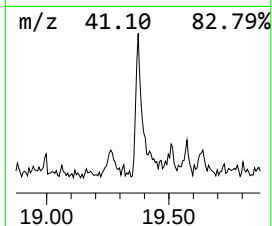
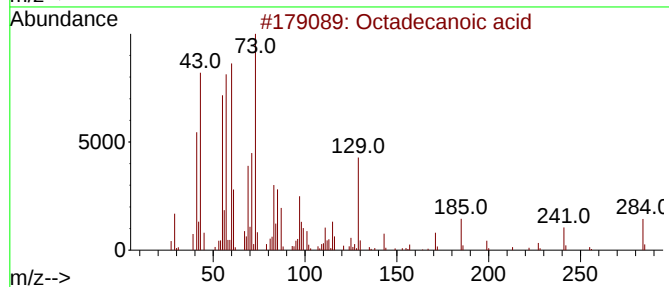
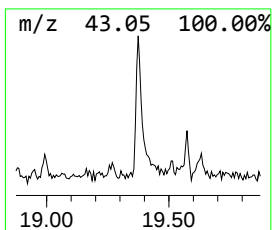
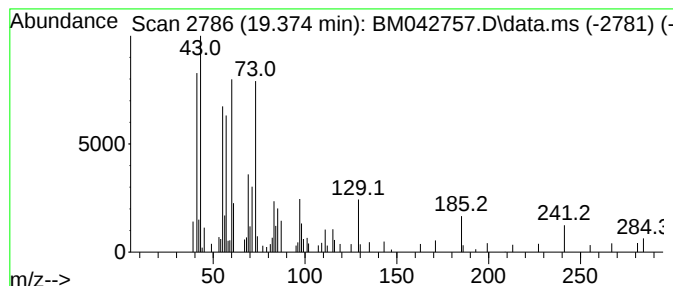
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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	3.17 ng/ul	91437	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	80
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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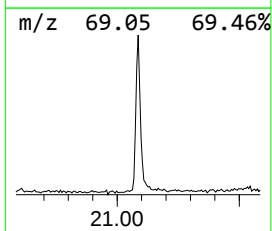
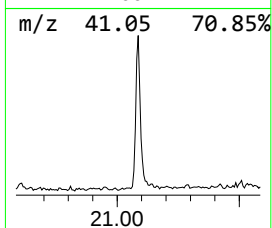
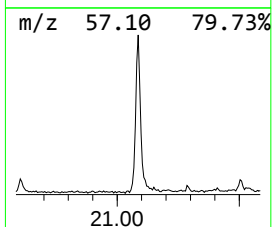
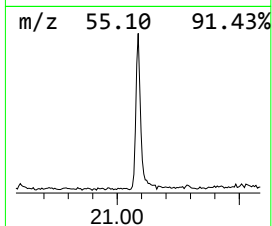
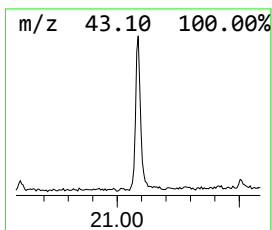
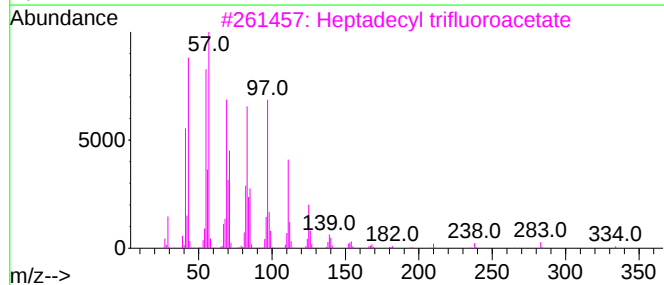
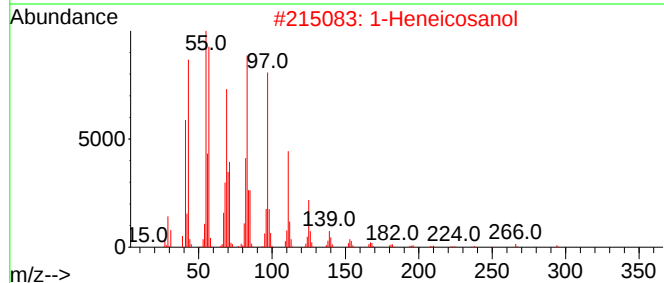
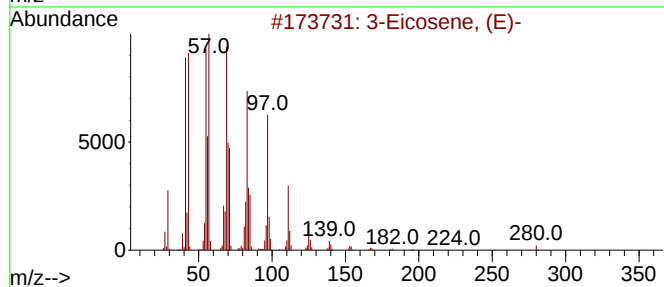
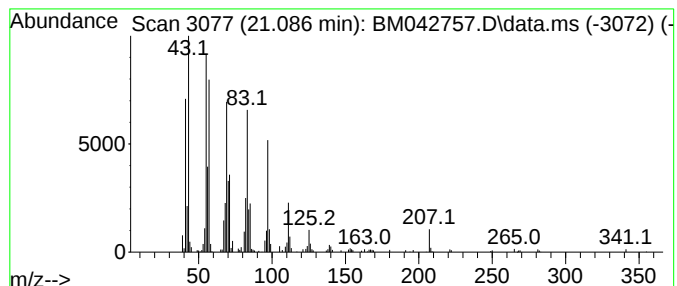
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.086	10.30 ng/ul	297283	Chrysene-d12	21.421	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042757.D
Acq On : 15 Nov 2023 05:47
Operator : MA/JU
Sample : 05057-23
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A49Y8

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 ...	18.098	10.9	ng/ul	261166	4	17.239	477871	20.0
Octadecanoic acid	19.374	3.2	ng/ul	91437	5	21.421	577285	20.0
(DEL) Alkane: S...	21.086	10.3	ng/ul	297283	5	21.421	577285	20.0