

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
 Data File : BM038171.D
 Acq On : 21 Dec 2022 14:35
 Operator : CG/JU
 Sample : N6014-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS7

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-BM120722.M
 Title : SVOA CALIBRATION

Signal : TIC: BM038171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	32	36	45	rVB	33908	51759	1.70%	0.121%
2	3.699	85	87	95	rVB3	7215	11900	0.39%	0.028%
3	3.834	106	110	124	rBV	409650	685414	22.53%	1.607%
4	4.163	162	166	171	rBV2	11975	18360	0.60%	0.043%
5	4.540	228	230	236	rVB6	5125	8419	0.28%	0.020%
6	5.122	323	329	334	rVB3	8902	15377	0.51%	0.036%
7	6.628	583	585	588	rBV4	2810	4117	0.14%	0.010%
8	7.016	648	651	652	rBV3	4739	4077	0.13%	0.010%
9	7.204	676	683	697	rVB	620241	993554	32.66%	2.329%
10	7.369	704	711	718	rBV	472555	711974	23.41%	1.669%
11	7.569	738	745	755	rBV	652173	1018817	33.49%	2.388%
12	7.728	770	772	777	rVB5	2889	3528	0.12%	0.008%
13	7.781	779	781	785	rVB5	3038	3461	0.11%	0.008%
14	7.851	787	793	796	rBV7	2490	4213	0.14%	0.010%
15	7.986	810	816	817	rVB5	2886	3698	0.12%	0.009%
16	8.039	819	825	833	rVV	704670	1091445	35.88%	2.559%
17	8.428	888	891	895	rBV6	2699	4829	0.16%	0.011%
18	8.757	939	947	960	rBV	726011	1181600	38.84%	2.770%
19	9.216	1015	1025	1038	rVV	627520	1010004	33.20%	2.368%
20	9.369	1044	1051	1055	rBV8	8345	13197	0.43%	0.031%
21	9.598	1083	1090	1094	rBV5	10695	18457	0.61%	0.043%
22	9.775	1117	1120	1123	rBV5	2158	3588	0.12%	0.008%
23	9.939	1141	1148	1157	rBV	526689	868317	28.54%	2.035%
24	10.004	1157	1159	1163	rVB5	2818	3792	0.12%	0.009%
25	10.098	1168	1175	1178	rBV8	2523	4634	0.15%	0.011%
26	10.163	1178	1186	1191	rBV8	6157	12473	0.41%	0.029%
27	10.375	1218	1222	1224	rVB5	4573	5713	0.19%	0.013%
28	10.475	1232	1239	1249	rBV	847377	1412514	46.43%	3.311%
29	10.633	1262	1266	1274	rVB9	3888	8215	0.27%	0.019%
30	10.857	1293	1304	1315	rBV	966088	1604678	52.75%	3.762%
31	10.933	1315	1317	1321	rVV4	2609	3979	0.13%	0.009%
32	10.998	1321	1328	1339	rVV	719720	1217163	40.01%	2.853%
33	11.522	1414	1417	1420	rVV4	3316	4583	0.15%	0.011%
34	11.633	1431	1436	1440	rBV7	5974	8815	0.29%	0.021%
35	11.751	1451	1456	1460	rBV7	2047	3799	0.12%	0.009%
36	12.086	1509	1513	1519	rVB8	3856	7575	0.25%	0.018%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
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37	12.251	1538	1541	1544	rBV4	3773	5021	0.17%	0.012%
38	12.345	1551	1557	1559	rBV5	4759	8040	0.26%	0.019%
39	12.380	1561	1563	1565	rVV3	3196	3847	0.13%	0.009%
40	12.433	1568	1572	1578	rVV	15605	24880	0.82%	0.058%

41	12.504	1581	1584	1590	rVB6	2412	4963	0.16%	0.012%
42	12.945	1656	1659	1664	rBV5	4210	6730	0.22%	0.016%
43	13.027	1670	1673	1675	rBV3	2936	3540	0.12%	0.008%
44	13.274	1712	1715	1719	rBV6	4663	6788	0.22%	0.016%
45	13.474	1744	1749	1757	rVB8	8927	17156	0.56%	0.040%

46	13.563	1760	1764	1766	rBV5	2636	4232	0.14%	0.010%
47	13.598	1766	1770	1775	rBV3	6777	12154	0.40%	0.028%
48	13.986	1832	1836	1841	rVB8	4032	7442	0.24%	0.017%
49	14.080	1845	1852	1858	rBV	1452078	1918703	63.08%	4.498%
50	14.186	1867	1870	1876	rVB7	6604	9585	0.32%	0.022%

51	14.257	1879	1882	1884	rBV4	4329	5207	0.17%	0.012%
52	14.310	1887	1891	1894	rVV5	6090	8843	0.29%	0.021%
53	14.368	1894	1901	1913	rVB	1680526	2402632	78.98%	5.632%
54	14.545	1925	1931	1935	rBV6	8434	14632	0.48%	0.034%
55	14.668	1944	1952	1960	rVB	1454998	2064278	67.86%	4.839%

56	14.868	1980	1986	1997	rBV	540021	819195	26.93%	1.920%
57	15.021	2009	2012	2016	rBV5	5975	8476	0.28%	0.020%
58	15.068	2016	2020	2025	rVV6	16756	26855	0.88%	0.063%
59	15.298	2055	2059	2062	rBV6	3043	5490	0.18%	0.013%
60	15.321	2062	2063	2069	rVB6	3515	4757	0.16%	0.011%

61	15.445	2081	2084	2086	rVV4	3499	3677	0.12%	0.009%
62	15.486	2086	2091	2097	rVB8	8985	17864	0.59%	0.042%
63	15.657	2114	2120	2127	rVB	2084340	2851318	93.73%	6.684%
64	15.715	2127	2130	2135	rVB7	5128	6207	0.20%	0.015%
65	15.774	2135	2140	2148	rBV	318745	454291	14.93%	1.065%

66	15.892	2156	2160	2167	rBV7	10535	15980	0.53%	0.037%
67	15.945	2167	2169	2172	rBV4	3494	4236	0.14%	0.010%
68	16.021	2172	2182	2189	rVV	123823	183745	6.04%	0.431%
69	16.351	2235	2238	2242	rBV5	10590	14496	0.48%	0.034%
70	16.451	2254	2255	2260	rVB5	4280	3905	0.13%	0.009%

71	16.504	2260	2264	2267	rBV6	6244	10343	0.34%	0.024%
72	16.545	2267	2271	2273	rVV4	8284	12505	0.41%	0.029%
73	16.580	2273	2277	2284	rVB6	10481	18801	0.62%	0.044%
74	16.792	2310	2313	2317	rBV5	21308	31003	1.02%	0.073%
75	17.145	2369	2373	2375	rBV4	9149	12049	0.40%	0.028%

76	17.286	2393	2397	2405	rBV3	29391	52125	1.71%	0.122%
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77	17.351	2405	2408	2412	rBV6	16027	22820	0.75%	0.053%
78	17.409	2412	2418	2424	rVV	1653012	2275561	74.81%	5.334%
79	17.509	2428	2435	2441	rVV	2113634	2867749	94.27%	6.722%
80	17.674	2460	2463	2469	rBV4	9681	21575	0.71%	0.051%
81	17.751	2473	2476	2478	rBV3	13449	15036	0.49%	0.035%
82	17.786	2478	2482	2486	rVV7	8559	15001	0.49%	0.035%
83	17.921	2500	2505	2508	rBV5	16658	24605	0.81%	0.058%
84	18.062	2526	2529	2535	rVB8	18540	24744	0.81%	0.058%
85	18.168	2542	2547	2552	rBV4	24808	41666	1.37%	0.098%
86	18.227	2554	2557	2561	rVB6	19054	25083	0.82%	0.059%
87	18.286	2562	2567	2577	rBV	843415	1200965	39.48%	2.815%
88	18.703	2635	2638	2642	rBV3	40375	46628	1.53%	0.109%
89	19.356	2746	2749	2754	rVB5	27985	40282	1.32%	0.094%
90	19.415	2755	2759	2760	rBV	90552	114092	3.75%	0.267%
91	19.456	2764	2766	2774	rVV	135406	184340	6.06%	0.432%
92	19.550	2778	2782	2796	rVV	297191	461073	15.16%	1.081%
93	19.792	2817	2823	2834	rBV	2253105	3028858	99.57%	7.100%
94	20.762	2985	2988	2991	rVB	153281	152923	5.03%	0.358%
95	21.262	3068	3073	3081	rVB2	791309	1060631	34.87%	2.486%
96	21.574	3122	3126	3132	rVB	1589298	2024977	66.57%	4.747%
97	23.238	3406	3409	3413	rVB	210793	280286	9.21%	0.657%
98	23.868	3510	3516	3529	rVB2	1496613	3041929	100.00%	7.131%
99	24.027	3537	3543	3550	rVB2	961399	1842020	60.55%	4.318%
100	24.609	3638	3642	3650	rVB	364045	732229	24.07%	1.716%

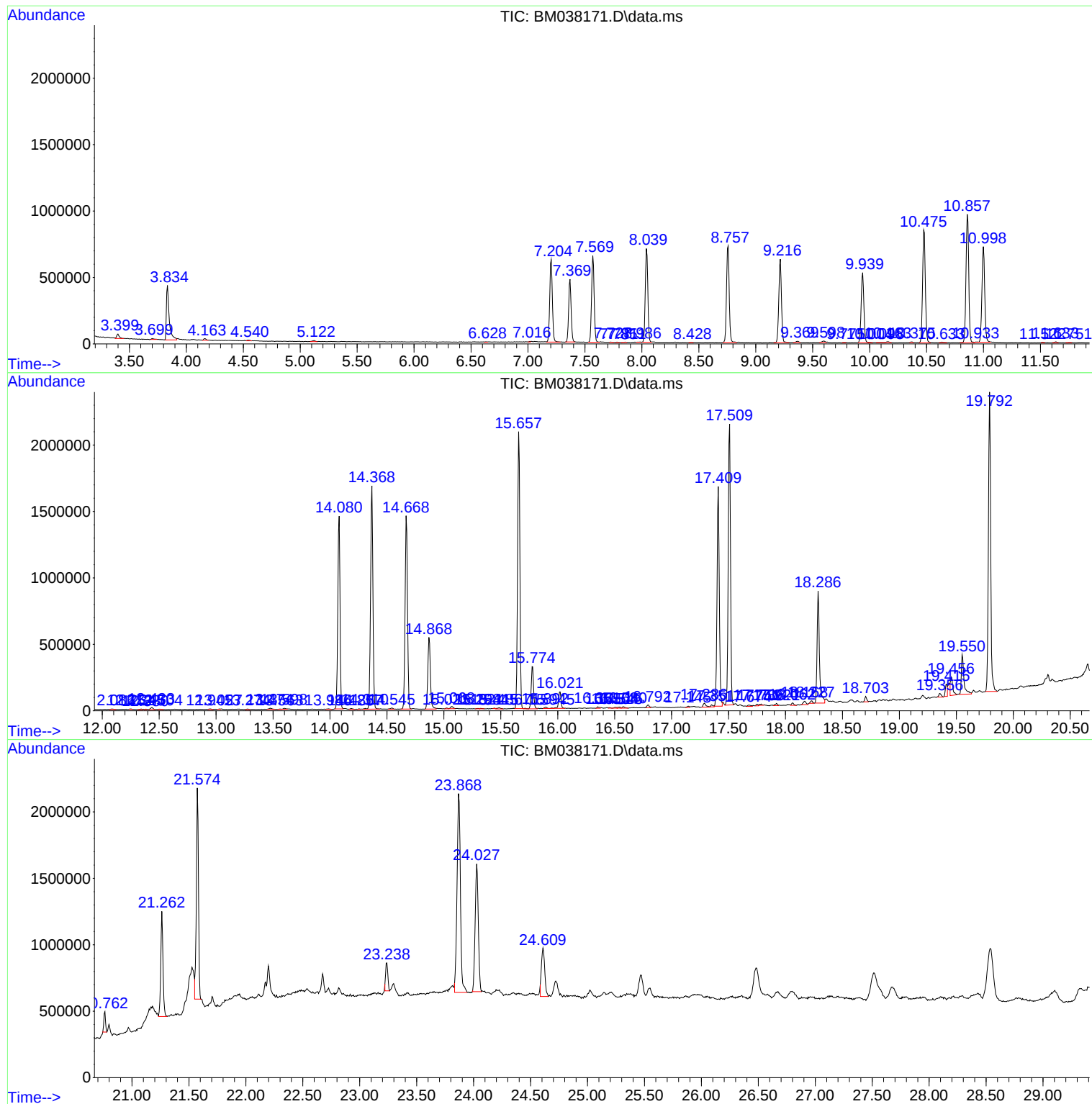
Sum of corrected areas: 42659102

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



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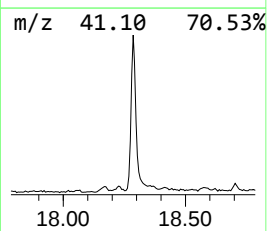
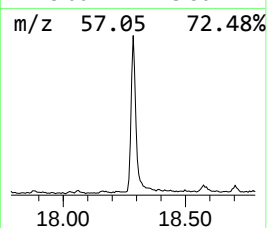
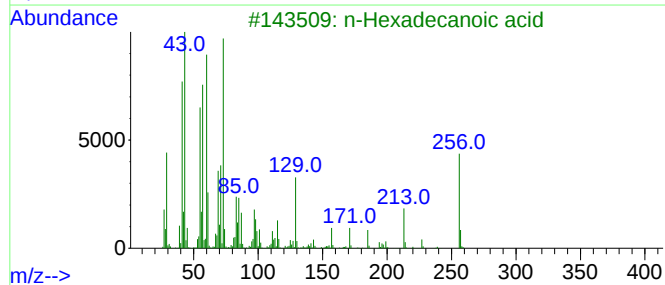
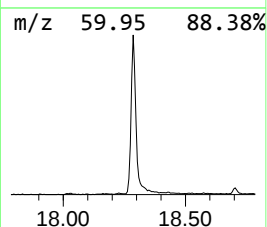
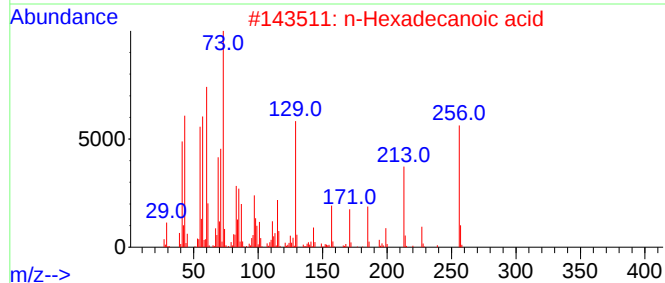
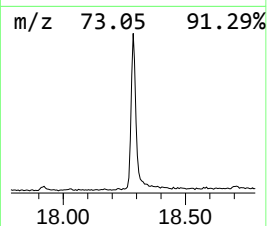
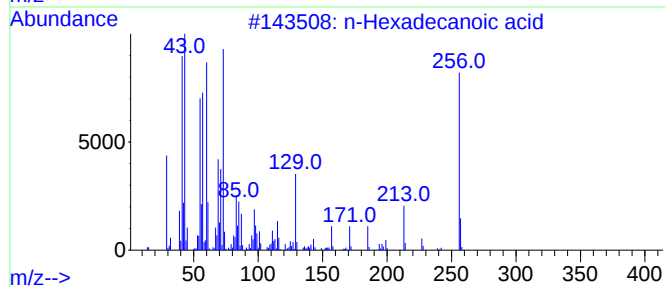
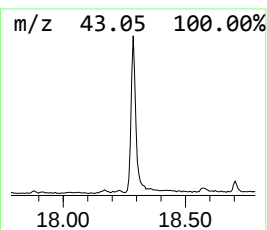
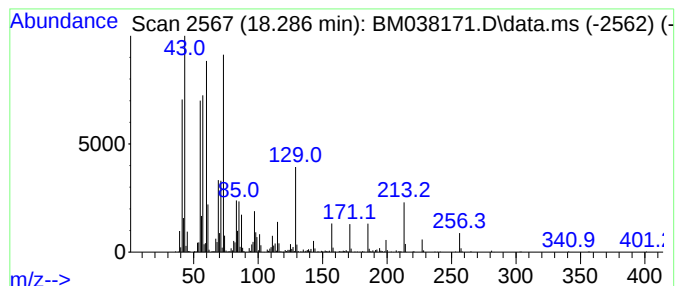
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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.
18.286	10.56 ng/ul	1200970	Phenanthrene-d10	17.409

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	91		
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87		
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83		



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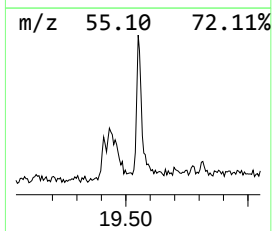
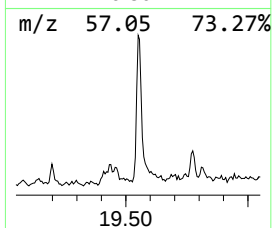
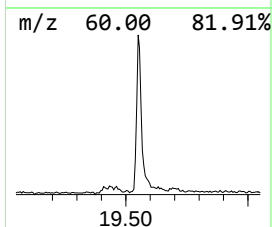
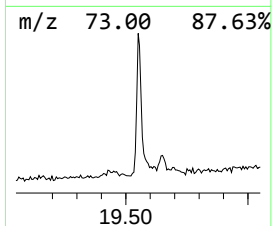
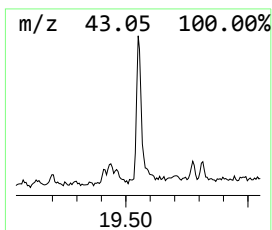
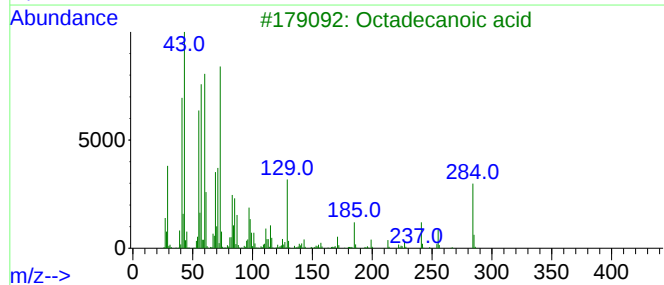
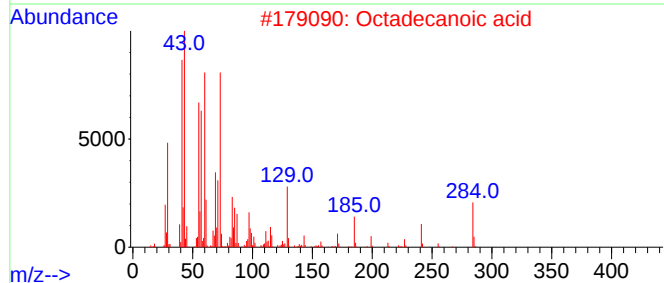
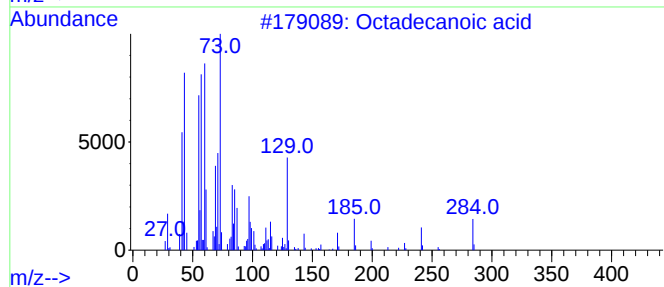
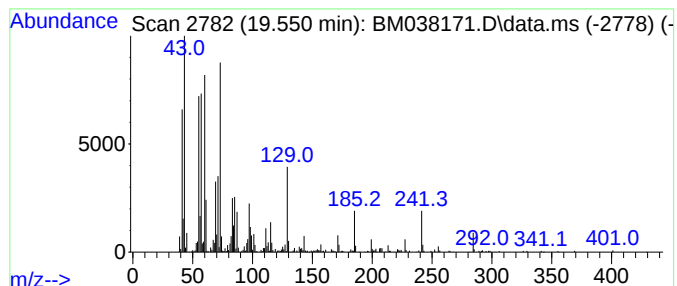
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.550	4.55 ng/ul	461073	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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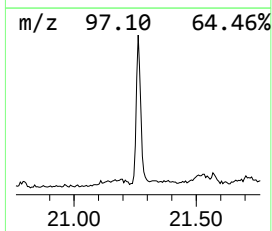
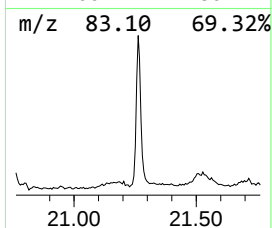
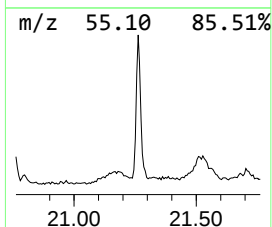
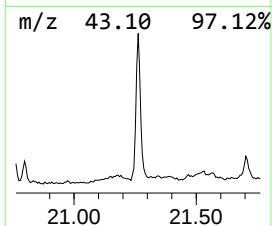
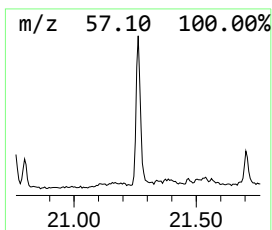
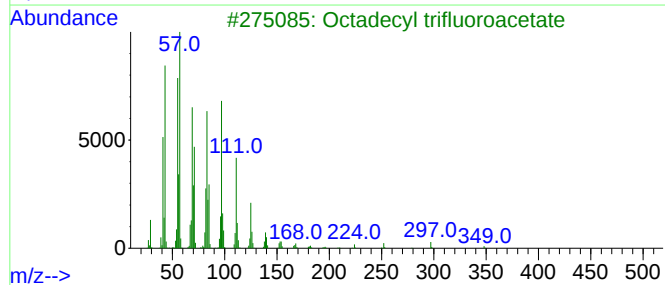
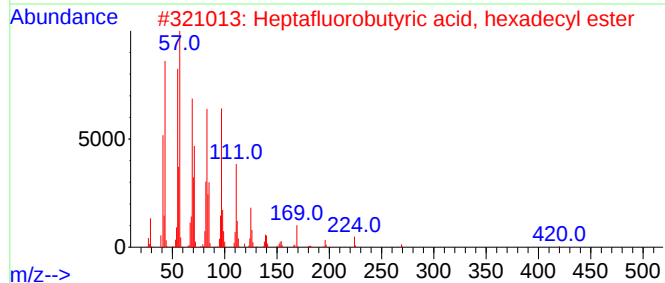
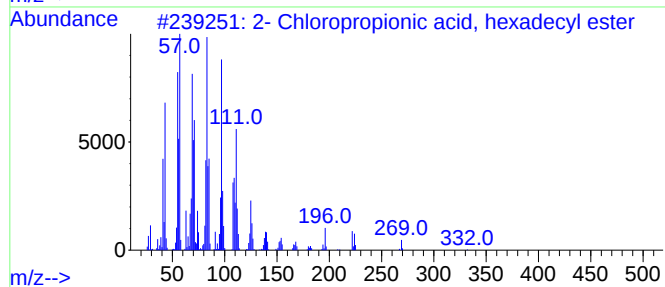
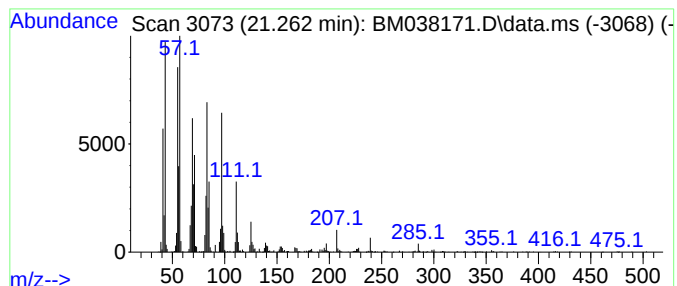
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2- Chloropropionic acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	10.48 ng/ul	1060630	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94	
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94		
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94		
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93		
5	1-Docosene	308	C22H44	001599-67-3	93		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038171.D
Acq On : 21 Dec 2022 14:35
Operator : CG/JU
Sample : N6014-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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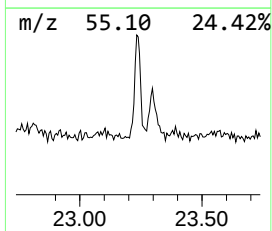
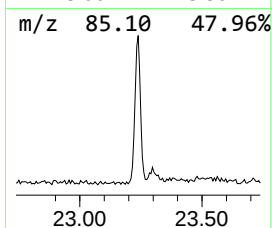
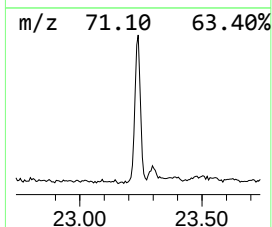
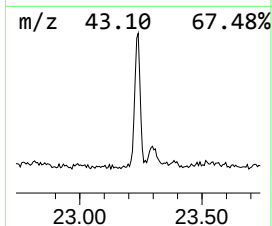
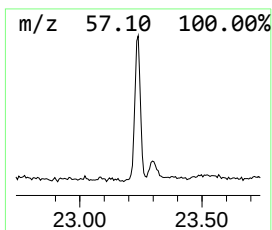
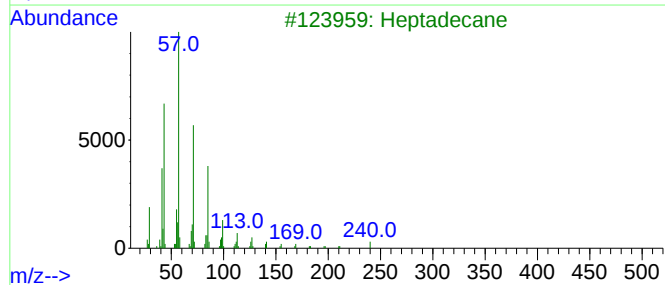
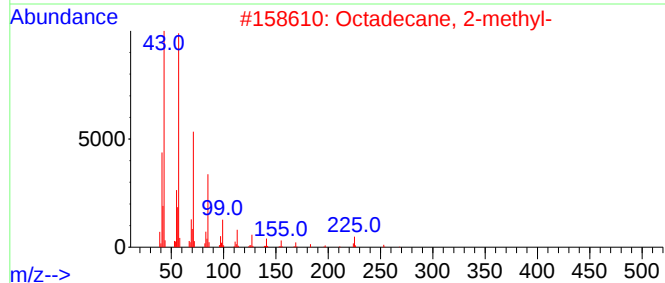
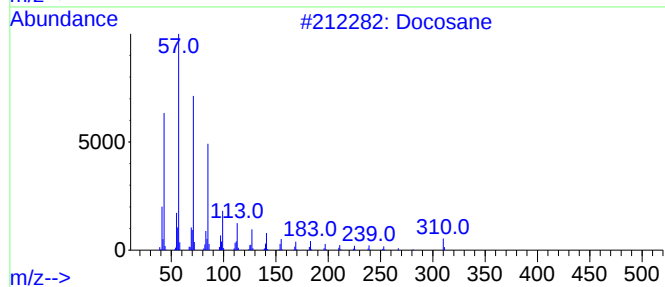
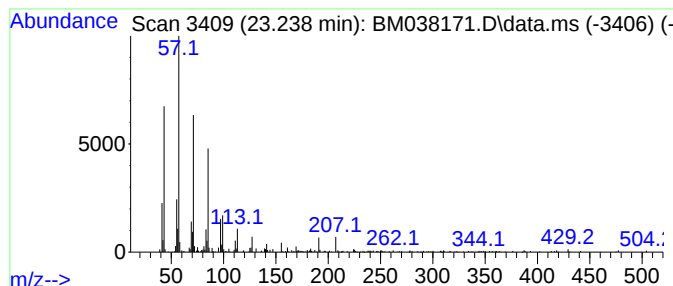
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.238	3.04 ng/ul	280286	Perylene-d12	24.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	93
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3			Heptadecane	240	C17H36	000629-78-7	87
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038171.D
Acq On : 21 Dec 2022 14:35
Operator : CG/JU
Sample : N6014-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS7

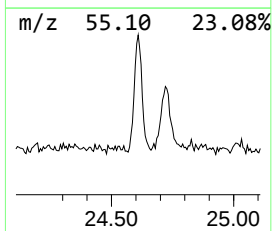
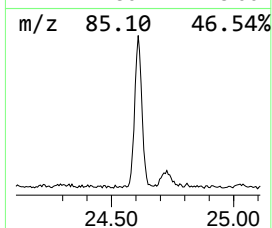
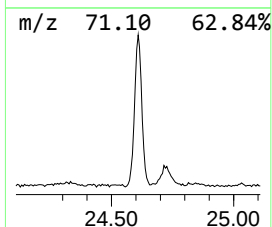
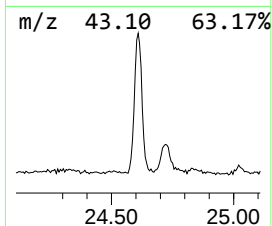
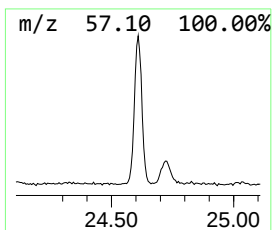
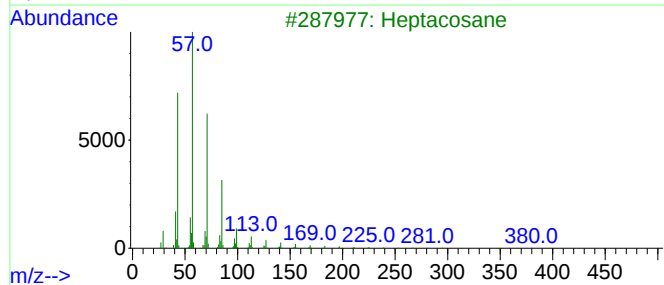
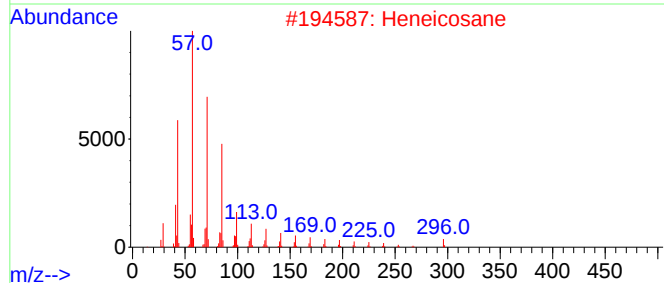
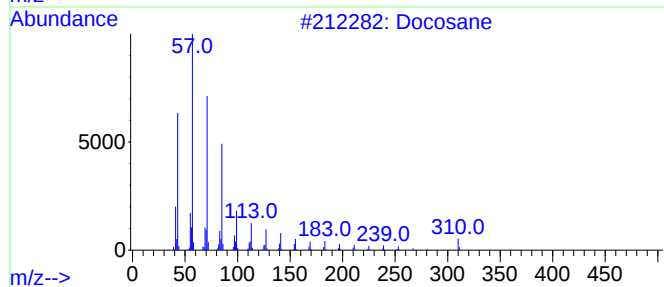
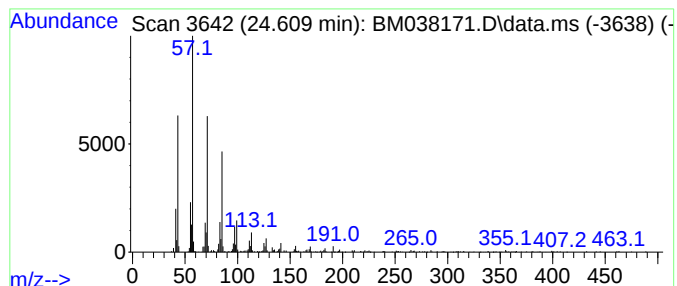
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.609	7.95 ng/ul	732229	Perylene-d12	24.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	97
2			Heneicosane	296	C21H44	000629-94-7	97
3			Heptacosane	380	C27H56	000593-49-7	96
4			Tetracosane	338	C24H50	000646-31-1	94
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038171.D
Acq On : 21 Dec 2022 14:35
Operator : CG/JU
Sample : N6014-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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 ...	18.286	10.6	ng/ul	1200970	4	17.409	2275560	20.0
Octadecanoic acid	19.550	4.5	ng/ul	461073	5	21.574	2024980	20.0
2- Chloropropio...	21.262	10.5	ng/ul	1060630	5	21.574	2024980	20.0
(DEL) Alkane: S...	23.238	3.0	ng/ul	280286	6	24.027	1842020	20.0
(DEL) Alkane: S...	24.609	8.0	ng/ul	732229	6	24.027	1842020	20.0