

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
 Data File : BN031580.D
 Acq On : 20 May 2024 20:35
 Operator : MA/JU
 Sample : P2484-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH9P8

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_N\Methods\SFAM-EPA-BN051524.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031580.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.105	17	20	27	rVB5	15012	27238	0.30%	0.023%
2	3.205	32	37	48	rVB	108345	155064	1.69%	0.132%
3	3.463	77	81	91	rBV	78682	124672	1.36%	0.106%
4	3.605	102	105	120	rBV	912101	1359085	14.83%	1.154%
5	3.716	120	124	132	rVV	73516	103197	1.13%	0.088%
6	3.787	132	136	142	rVB2	13789	19379	0.21%	0.016%
7	3.928	155	160	169	rVB	161261	245871	2.68%	0.209%
8	4.146	192	197	202	rVB4	20750	30715	0.34%	0.026%
9	4.293	216	222	227	rVV4	16309	26013	0.28%	0.022%
10	4.363	231	234	242	rVB	20068	31466	0.34%	0.027%
11	4.475	247	253	258	rBV4	11125	17357	0.19%	0.015%
12	4.552	258	266	270	rVB7	9714	16391	0.18%	0.014%
13	4.716	289	294	299	rBV2	22343	34466	0.38%	0.029%
14	4.828	307	313	320	rBV	54833	93194	1.02%	0.079%
15	4.922	324	329	335	rBV2	17987	27723	0.30%	0.024%
16	5.187	364	374	382	rVB2	37003	73338	0.80%	0.062%
17	5.399	406	410	419	rVB9	6377	18321	0.20%	0.016%
18	5.728	462	466	470	rVB7	11833	19134	0.21%	0.016%
19	5.793	472	477	485	rVB	39935	65495	0.71%	0.056%
20	5.975	502	508	515	rBV3	42442	74118	0.81%	0.063%
21	6.281	551	560	565	rBV9	9143	22492	0.25%	0.019%
22	6.857	650	658	672	rBV	1928247	3172340	34.61%	2.694%
23	7.034	682	688	700	rVB	1624489	2546501	27.78%	2.162%
24	7.228	713	721	729	rBV	1897812	3026038	33.01%	2.570%
25	7.299	729	733	744	rVV3	43072	98281	1.07%	0.083%
26	7.516	760	770	775	rVB5	9880	22206	0.24%	0.019%
27	7.698	793	801	808	rBV	1996735	3270721	35.68%	2.777%
28	7.763	808	812	819	rVB2	48497	79103	0.86%	0.067%
29	8.063	856	863	870	rBV6	15502	26384	0.29%	0.022%
30	8.393	911	919	927	rBV	2099596	3294595	35.94%	2.798%
31	8.516	934	940	947	rVB	189435	307860	3.36%	0.261%
32	8.851	989	997	1005	rBV	1809747	3026056	33.01%	2.570%
33	9.010	1021	1024	1031	rVB3	24242	38241	0.42%	0.032%
34	9.269	1063	1068	1074	rVB	42691	66474	0.73%	0.056%
35	9.416	1087	1093	1100	rVB	125625	195629	2.13%	0.166%
36	9.563	1107	1118	1132	rBV	1242716	2148930	23.44%	1.825%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
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37	9.698	1134	1141	1145	rVV2	38679	68447	0.75%	0.058%
38	9.781	1151	1155	1161	rVB7	12683	25166	0.27%	0.021%
39	9.928	1175	1180	1185	rVB2	22017	36161	0.39%	0.031%
40	10.098	1201	1209	1217	rBV	2191068	3732427	40.72%	3.169%

41	10.263	1231	1237	1244	rVB2	45442	73673	0.80%	0.063%
42	10.481	1265	1274	1286	rBV	2911555	5029192	54.87%	4.271%
43	10.616	1286	1297	1316	rBV	2007150	3471025	37.87%	2.947%
44	11.016	1358	1365	1372	rVB6	50407	103909	1.13%	0.088%
45	11.222	1393	1400	1405	rBV	172335	321752	3.51%	0.273%

46	11.851	1500	1507	1509	rVV3	8100	16682	0.18%	0.014%
47	11.981	1524	1529	1531	rBV2	14600	23391	0.26%	0.020%
48	12.069	1538	1544	1551	rVB	48339	81538	0.89%	0.069%
49	12.598	1628	1634	1639	rBV5	9979	17819	0.19%	0.015%
50	13.163	1726	1730	1736	rVB4	19450	31670	0.35%	0.027%

51	13.304	1749	1754	1759	rBV5	17521	26604	0.29%	0.023%
52	13.745	1823	1829	1840	rVV	3862719	5524837	60.27%	4.691%
53	14.022	1865	1876	1886	rVV	4518899	6986311	76.22%	5.932%
54	14.245	1909	1914	1918	rVB3	10891	16007	0.17%	0.014%
55	14.333	1918	1929	1937	rBV	4415012	6725871	73.38%	5.711%

56	14.398	1937	1940	1947	rVB9	10653	20130	0.22%	0.017%
57	14.522	1954	1961	1967	rBV	1761738	2773371	30.26%	2.355%
58	14.680	1984	1988	1994	rVB3	43338	68473	0.75%	0.058%
59	14.751	1996	2000	2006	rBV5	55618	84138	0.92%	0.071%
60	14.863	2012	2019	2028	rVB5	6113	18145	0.20%	0.015%

61	15.145	2061	2067	2073	rBV2	19815	44319	0.48%	0.038%
62	15.192	2073	2075	2079	rVB2	17856	20008	0.22%	0.017%
63	15.327	2089	2098	2106	rBV	5860895	8437340	92.05%	7.165%
64	15.439	2111	2117	2132	rVV	1079629	1527446	16.66%	1.297%
65	15.563	2134	2138	2149	rVB5	30530	64066	0.70%	0.054%

66	16.010	2211	2214	2218	rBV5	13900	22267	0.24%	0.019%
67	16.057	2218	2222	2227	rVV3	24862	39032	0.43%	0.033%
68	16.104	2227	2230	2235	rVB2	24405	35538	0.39%	0.030%
69	16.486	2292	2295	2298	rVB4	13391	17013	0.19%	0.014%
70	16.627	2315	2319	2325	rBV	39025	54780	0.60%	0.047%

71	16.751	2337	2340	2345	rVB6	12430	17612	0.19%	0.015%
72	16.851	2352	2357	2361	rBV3	30475	54566	0.60%	0.046%
73	17.074	2388	2395	2405	rVB	5108440	7397153	80.70%	6.281%
74	17.174	2405	2412	2422	rBV	6161620	8618021	94.02%	7.318%
75	17.269	2424	2428	2433	rVB4	37130	53547	0.58%	0.045%

76	17.439	2451	2457	2463	rBV	133747	228439	2.49%	0.194%
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77	17.498	2463	2467	2476	rVB2	78333	128728	1.40%	0.109%
78	17.604	2478	2485	2496	rBV	156298	257940	2.81%	0.219%
79	17.757	2508	2511	2519	rVB2	34978	53174	0.58%	0.045%
80	17.857	2523	2528	2534	rBV7	31259	70603	0.77%	0.060%
81	17.916	2534	2538	2544	rBV	75138	123514	1.35%	0.105%
82	17.980	2544	2549	2566	rBV	1685616	2498987	27.26%	2.122%
83	18.298	2596	2603	2612	rBV6	79247	203235	2.22%	0.173%
84	18.551	2643	2646	2650	rVB	46113	58207	0.64%	0.049%
85	18.651	2660	2663	2665	rBV4	13513	18476	0.20%	0.016%
86	18.780	2682	2685	2689	rVB2	24696	31324	0.34%	0.027%
87	18.868	2697	2700	2705	rVB5	27921	34389	0.38%	0.029%
88	19.033	2724	2728	2732	rBV	82919	104635	1.14%	0.089%
89	19.104	2736	2740	2744	rVV2	81206	168184	1.83%	0.143%
90	19.145	2744	2747	2757	rVB4	137560	246639	2.69%	0.209%
91	19.263	2763	2767	2777	rBV	708550	982169	10.72%	0.834%
92	19.416	2790	2793	2796	rBV4	55023	64188	0.70%	0.055%
93	19.468	2796	2802	2810	rVB	6751457	9166203	100.00%	7.784%
94	19.992	2889	2891	2894	rBV4	35180	41928	0.46%	0.036%
95	20.033	2896	2898	2901	rVB	47330	43271	0.47%	0.037%
96	20.463	2969	2971	2976	rBV3	39069	51561	0.56%	0.044%
97	20.998	3057	3062	3072	rBV	891226	1355176	14.78%	1.151%
98	21.304	3108	3114	3125	rVB2	3462882	5284338	57.65%	4.487%
99	24.039	3570	3579	3590	rVB3	2429632	6172530	67.34%	5.241%
100	24.239	3604	3613	3622	rBV	1895475	4792364	52.28%	4.069%

Sum of corrected areas: 117763737

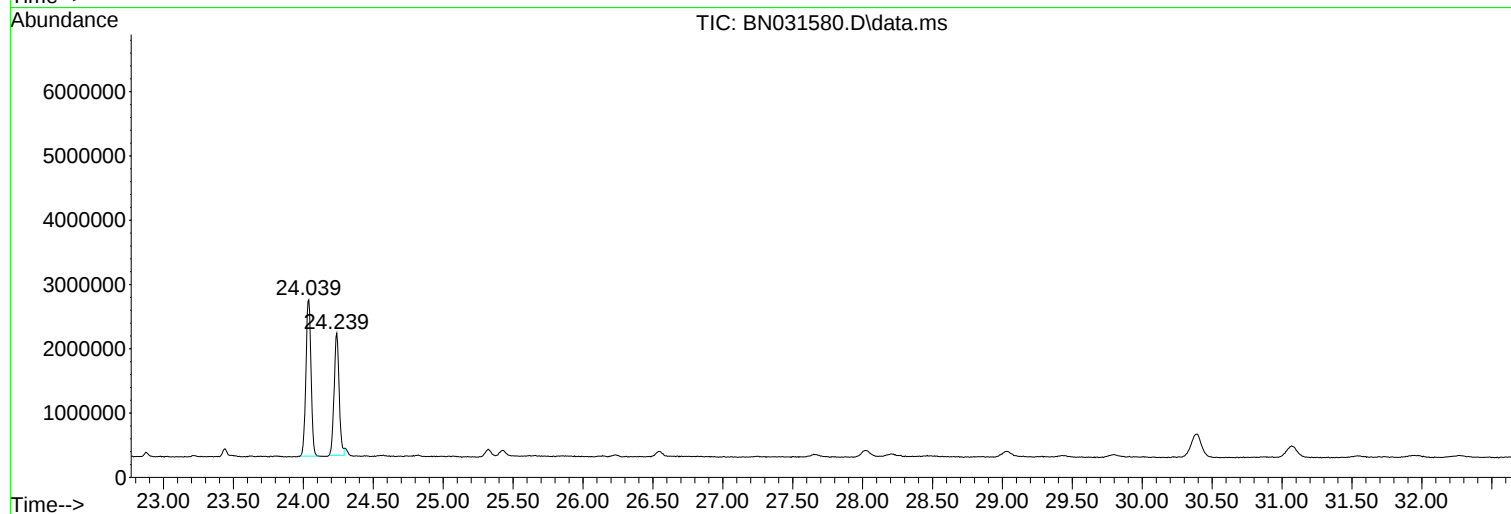
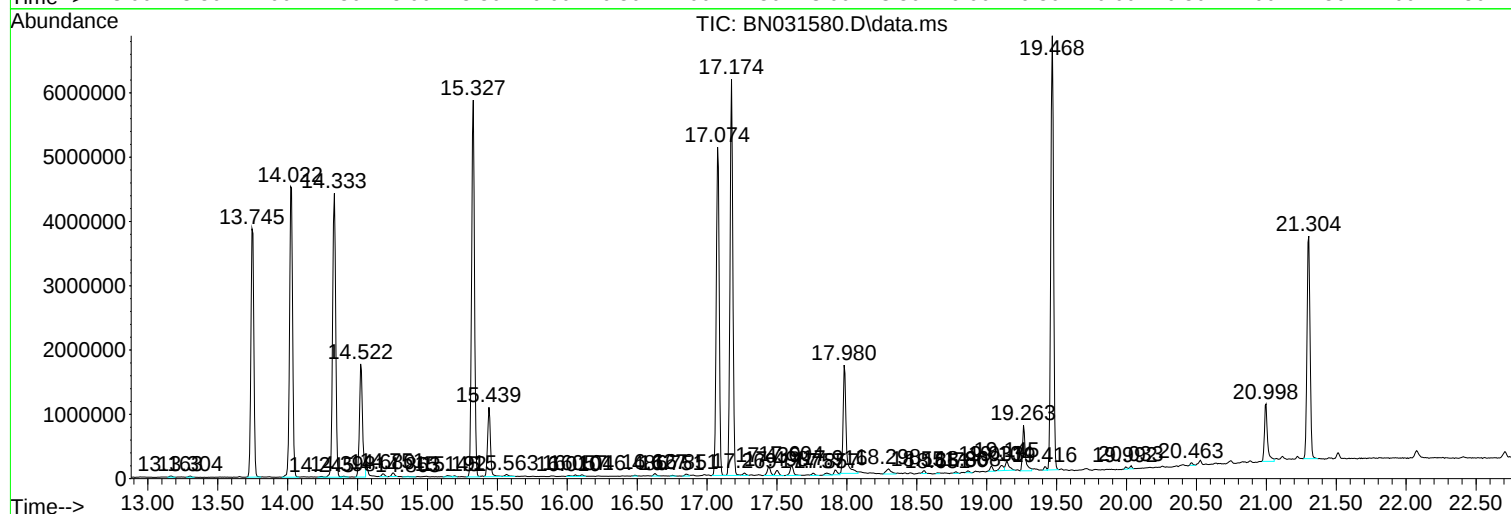
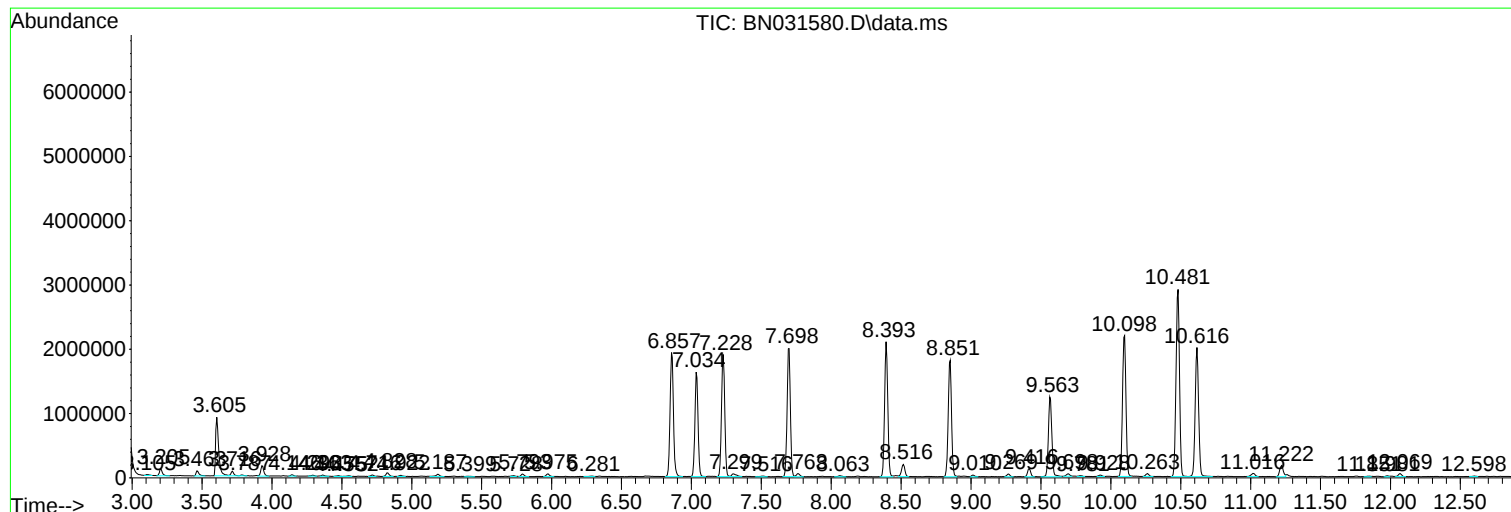
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Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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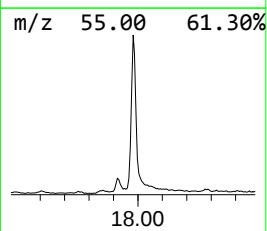
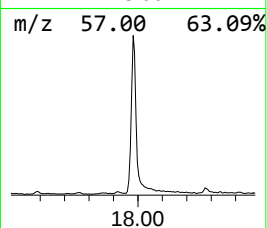
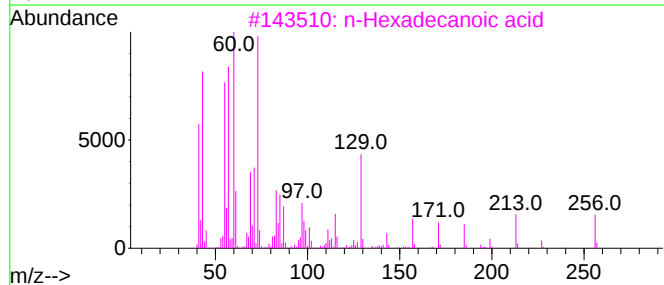
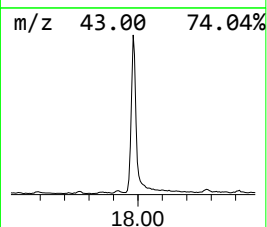
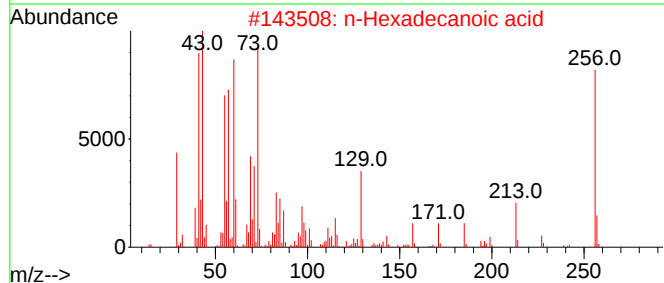
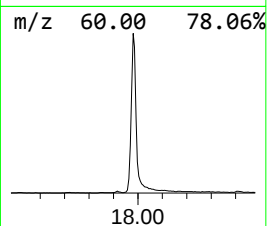
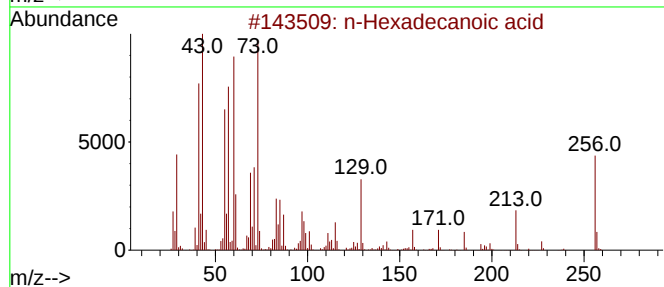
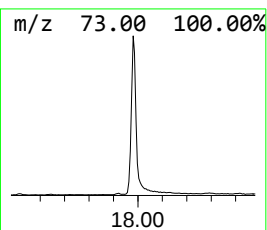
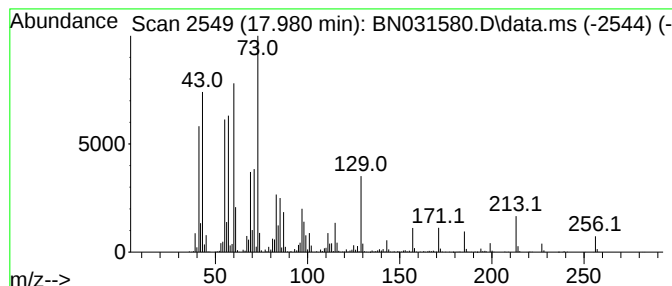
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

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.
17.980	6.76 ng/ul	2498990	Phenanthrene-d10	17.074

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	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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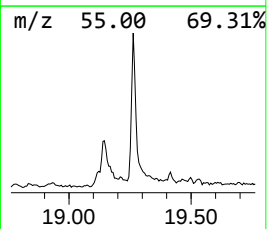
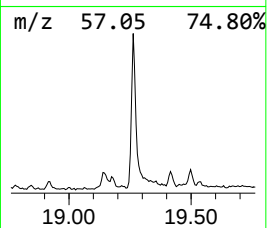
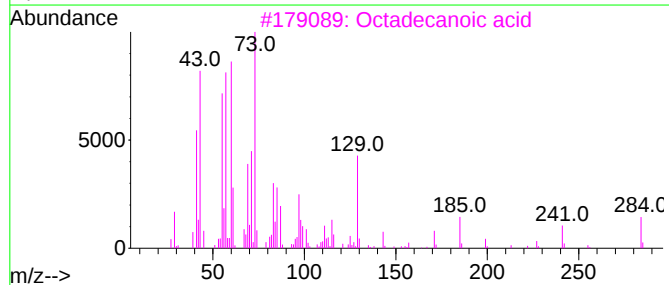
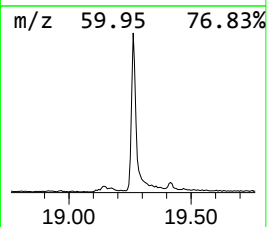
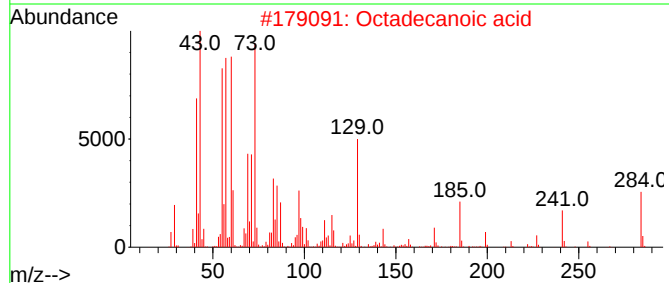
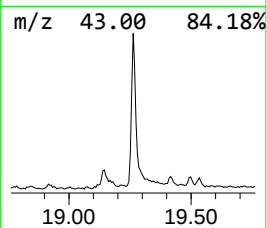
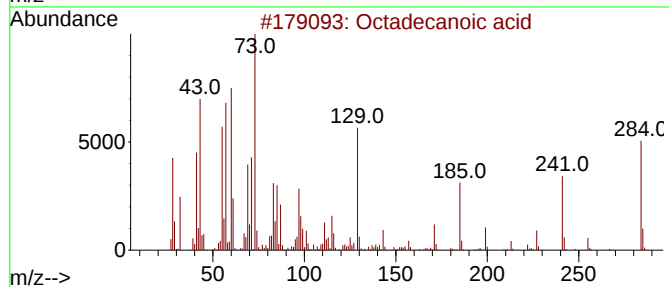
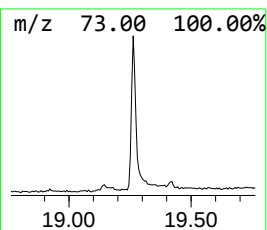
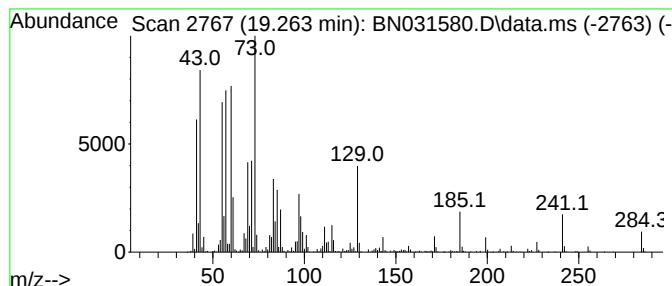
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

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.
19.263	3.72 ng/ul	982169	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



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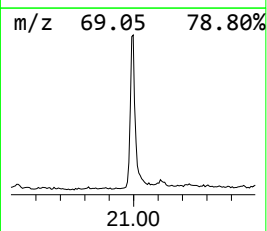
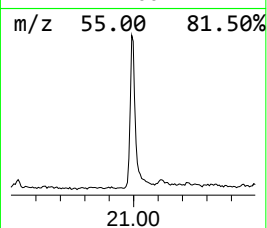
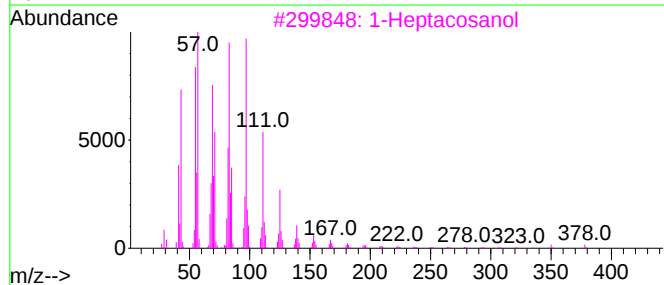
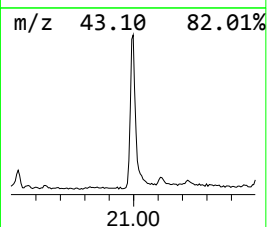
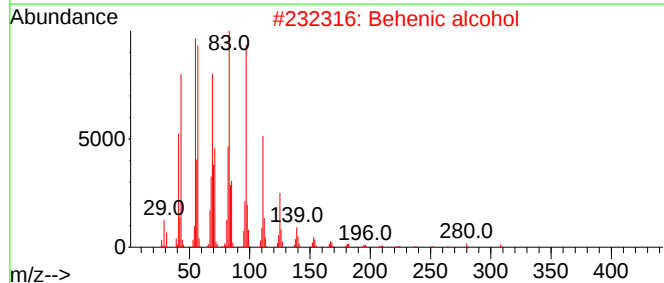
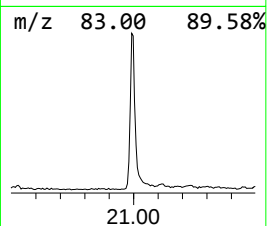
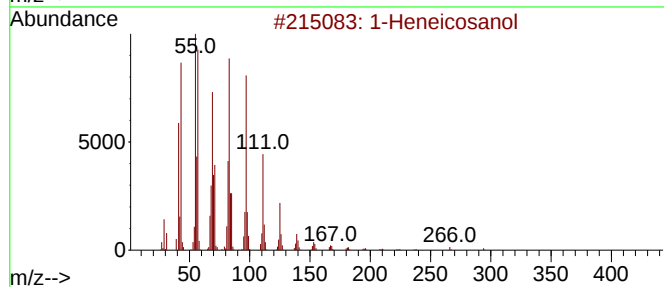
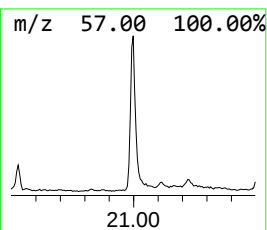
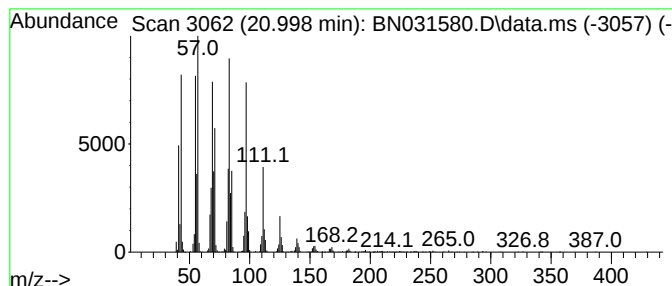
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	5.13 ng/ul	1355180	Chrysene-d12	21.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol			312	C21H44O	015594-90-8	95
2	Behenic alcohol			326	C22H46O	000661-19-8	94
3	1-Heptacosanol			396	C27H56O	002004-39-9	94
4	2- Chloropropionic acid, octadec...			360	C21H41ClO2	088104-31-8	93
5	Trichloroacetic acid, pentadecyl...			372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
Data File : BN031580.D
Acq On : 20 May 2024 20:35
Operator : MA/JU
Sample : P2484-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH9P8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.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 ...	17.980	6.8	ng/ul	2498990	4	17.074	7397150	20.0
Octadecanoic acid	19.263	3.7	ng/ul	982169	5	21.298	5284340	20.0
1-Heneicosanol	20.998	5.1	ng/ul	1355180	5	21.298	5284340	20.0