

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059660.D
 Acq On : 5 Nov 2023 18:24
 Operator : MA/JU
 Sample : 05013-17
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4992

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_G\Methods\SFAM-EPA-BG110323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.635	40	42	47	rBV5	4245	5737	0.42%	0.056%
2	3.793	66	69	70	rBV2	4810	4334	0.32%	0.042%
3	3.811	70	72	78	rVB3	3949	4877	0.36%	0.047%
4	4.081	116	118	121	rBV2	6290	5186	0.38%	0.050%
5	4.199	137	138	140	rBV2	5630	5428	0.40%	0.053%
6	4.434	175	178	180	rVB	12834	10032	0.73%	0.097%
7	4.974	268	270	273	rVB	4414	4863	0.36%	0.047%
8	5.315	325	328	331	rBV	8507	7932	0.58%	0.077%
9	5.392	338	341	343	rBV2	4484	4241	0.31%	0.041%
10	5.679	388	390	392	rVB2	4331	3647	0.27%	0.035%
11	6.097	459	461	465	rVB	3658	4752	0.35%	0.046%
12	6.285	489	493	494	rBV	4919	6079	0.45%	0.059%
13	6.555	538	539	544	rBV	5493	8070	0.59%	0.078%
14	6.619	546	550	552	rBV	4496	5564	0.41%	0.054%
15	6.737	567	570	572	rBV	5630	5573	0.41%	0.054%
16	7.031	617	620	623	rBV	4669	4118	0.30%	0.040%
17	7.207	648	650	654	rBV	5491	7765	0.57%	0.075%
18	7.413	683	685	688	rBV	5259	3953	0.29%	0.038%
19	7.460	688	693	702	rBV2	36112	70234	5.14%	0.681%
20	7.665	723	728	737	rVB	83232	138847	10.17%	1.346%
21	7.806	749	752	753	rBV	4888	4281	0.31%	0.042%
22	7.865	756	762	769	rBV2	112991	197777	14.49%	1.918%
23	8.353	835	845	851	rVB	97031	173497	12.71%	1.682%
24	8.394	851	852	854	rBV	4534	3649	0.27%	0.035%
25	8.500	868	870	873	rBV	3440	3794	0.28%	0.037%
26	8.752	912	913	916	rVB	5646	3671	0.27%	0.036%
27	8.782	916	918	921	rBV	2949	3723	0.27%	0.036%
28	9.034	954	961	970	rVB3	102313	189635	13.89%	1.839%
29	9.199	987	989	992	rVB3	6949	5668	0.42%	0.055%
30	9.234	992	995	996	rBV3	4329	4322	0.32%	0.042%
31	9.446	1026	1031	1034	rBV	3371	5808	0.43%	0.056%
32	9.545	1041	1048	1057	rVB2	144004	263205	19.28%	2.552%
33	9.728	1078	1079	1082	rBV2	4794	3990	0.29%	0.039%
34	9.798	1088	1091	1094	rBV2	4304	5571	0.41%	0.054%
35	10.139	1147	1149	1152	rBV2	3819	3665	0.27%	0.036%
36	10.268	1163	1171	1179	rVB3	125773	249601	18.28%	2.420%

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Smoothing : OFF

Filtering: 5

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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_G\Methods\SFAM-EPA-BG110323.MA.M
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37	10.550	1217	1219	1222	rBV3	4105	3998	0.29%	0.039%
38	10.797	1254	1261	1269	rVB2	198188	354145	25.94%	3.434%
39	10.867	1269	1273	1274	rVB2	4465	4242	0.31%	0.041%
40	10.885	1274	1276	1279	rBV2	4423	4434	0.32%	0.043%

41	11.020	1297	1299	1301	rVB2	5355	3924	0.29%	0.038%
42	11.126	1314	1317	1318	rBV2	5477	5107	0.37%	0.050%
43	11.196	1323	1329	1336	rVV	143843	255906	18.74%	2.481%
44	11.308	1345	1348	1349	rBV	5394	4868	0.36%	0.047%
45	11.337	1349	1353	1358	rVV3	21789	36097	2.64%	0.350%

46	11.761	1423	1425	1428	rVB3	4747	4095	0.30%	0.040%
47	11.784	1428	1429	1433	rVB3	4520	4442	0.33%	0.043%
48	12.231	1503	1505	1510	rVB3	3136	4738	0.35%	0.046%
49	12.730	1589	1590	1592	rBV3	5515	4505	0.33%	0.044%
50	12.994	1633	1635	1638	rBV3	4847	4667	0.34%	0.045%

51	13.329	1690	1692	1695	rVB3	4705	4301	0.32%	0.042%
52	13.811	1768	1774	1780	rVB4	14091	24331	1.78%	0.236%
53	13.958	1797	1799	1801	rBV4	4507	3923	0.29%	0.038%
54	14.375	1864	1870	1877	rVB	460426	700542	51.31%	6.793%
55	14.681	1915	1922	1929	rBV	438104	712532	52.19%	6.909%

56	14.757	1932	1935	1937	rBV	5050	4795	0.35%	0.046%
57	14.980	1967	1973	1982	rVB	241409	391116	28.65%	3.793%
58	15.057	1984	1986	1987	rBV	6005	4307	0.32%	0.042%
59	15.151	1997	2002	2006	rBV2	56200	88642	6.49%	0.860%
60	15.245	2015	2018	2020	rBV2	5705	4302	0.32%	0.042%

61	15.321	2026	2031	2037	rBV5	7582	16642	1.22%	0.161%
62	15.403	2043	2045	2049	rBV3	4967	6071	0.44%	0.059%
63	15.456	2052	2054	2055	rBV	6226	4142	0.30%	0.040%
64	15.914	2131	2132	2135	rBV	4449	3819	0.28%	0.037%
65	15.967	2135	2141	2147	rVV	599005	884781	64.80%	8.579%

66	16.067	2152	2158	2165	rVV2	211424	312604	22.90%	3.031%
67	16.355	2205	2207	2208	rBV	4227	3873	0.28%	0.038%
68	16.396	2210	2214	2216	rVB	7364	8398	0.62%	0.081%
69	16.573	2240	2244	2247	rBV2	6253	6745	0.49%	0.065%
70	17.048	2322	2325	2329	rBV4	9804	13661	1.00%	0.132%

71	17.236	2355	2357	2359	rVB4	6296	4648	0.34%	0.045%
72	17.730	2435	2441	2447	rVB	316109	478266	35.03%	4.638%
73	17.830	2452	2458	2465	rBV2	670117	978041	71.63%	9.484%
74	18.235	2525	2527	2528	rBV2	8288	4213	0.31%	0.041%
75	18.547	2575	2580	2585	rBV2	116706	157330	11.52%	1.526%

76	19.810	2791	2795	2800	rBV4	57052	68542	5.02%	0.665%
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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77	20.098	2839	2844	2851	rVB	930906	1365358	100.00%	13.239%
78	22.060	3173	3178	3185	rVB2	337494	572362	41.92%	5.550%
79	25.409	3741	3748	3761	rVB2	455843	1356309	99.34%	13.152%

Sum of corrected areas: 10312853

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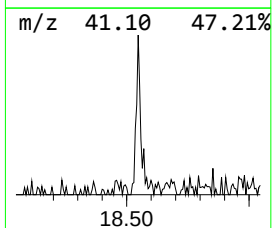
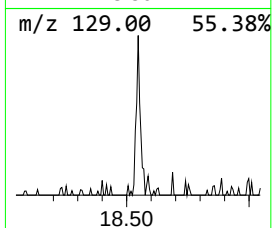
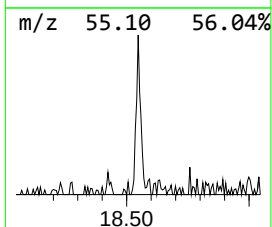
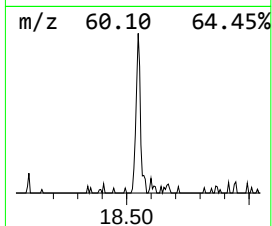
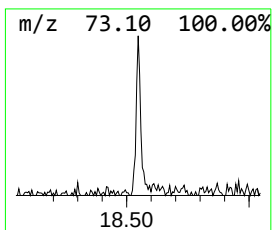
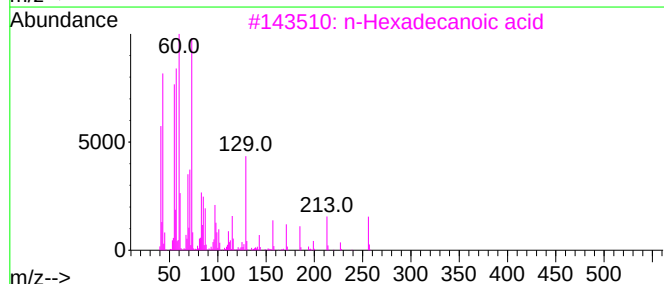
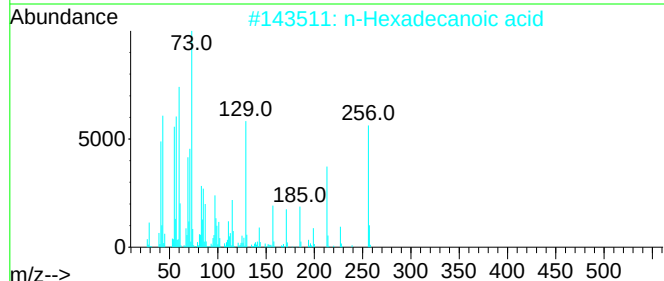
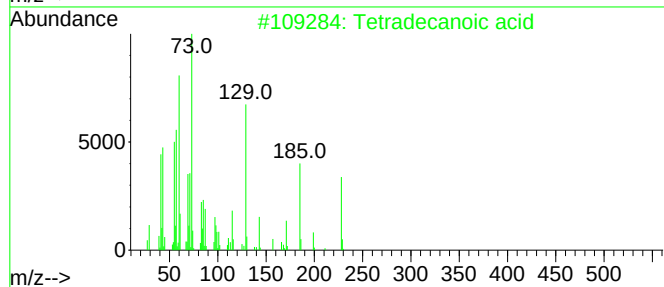
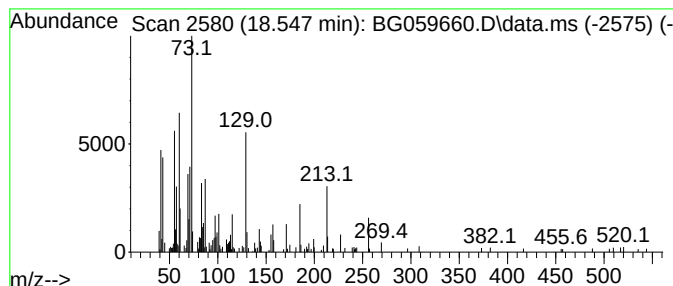
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	6.58 ng/ul	157330	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4			n-Decanoic acid	172	C10H20O2	000334-48-5	60
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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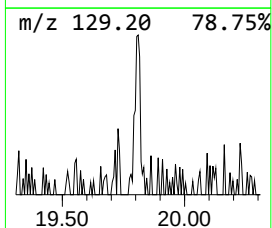
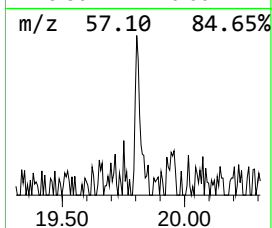
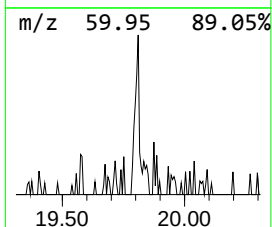
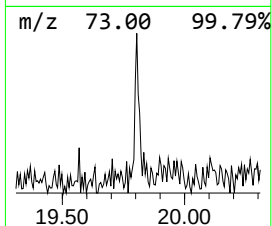
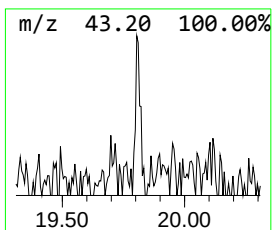
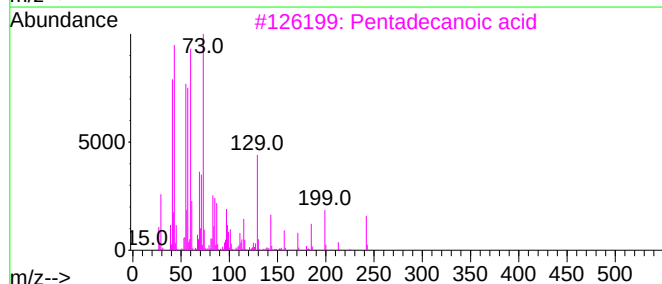
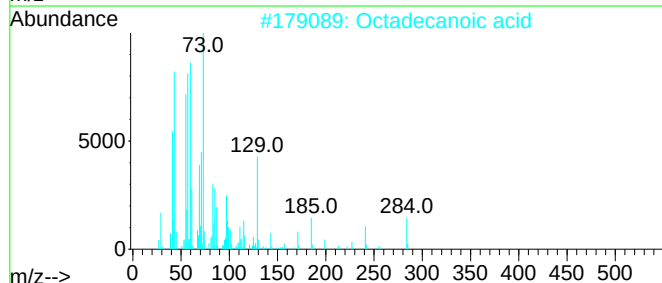
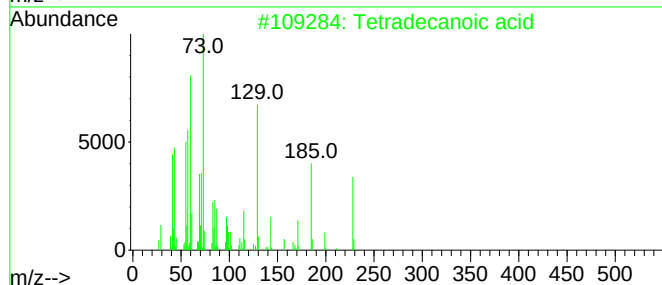
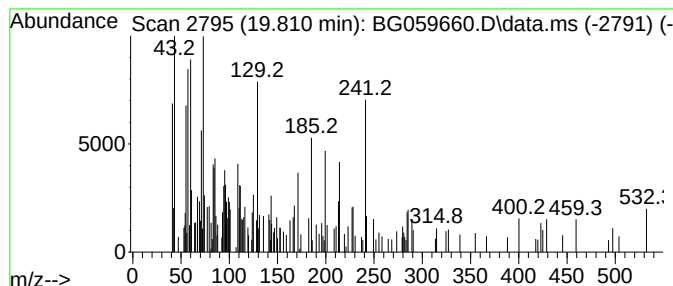
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.810	2.87 ng/ul	68542	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	49
2			Octadecanoic acid	284	C18H36O2	000057-11-4	42
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	38
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.547	6.6	ng/ul	157330	4	17.730	478266	20.0
unknown-01	19.810	2.9	ng/ul	68542	4	17.730	478266	20.0