

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059570.D
 Acq On : 31 Oct 2023 21:14
 Operator : MA/JU
 Sample : 04950-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49M7

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-BG102723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG059570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.646	41	44	45	rBV3	7709	6480	0.26%	0.026%
2	3.946	93	95	100	rBV4	6150	7241	0.29%	0.029%
3	3.999	100	104	107	rBV3	4774	6507	0.26%	0.026%
4	4.093	114	120	125	rBV2	62570	100524	4.03%	0.405%
5	4.304	154	156	160	rVB4	9499	11831	0.47%	0.048%
6	4.433	176	178	183	rVB3	9844	9751	0.39%	0.039%
7	4.804	239	241	245	rBV2	6449	8358	0.33%	0.034%
8	5.185	304	306	311	rBV3	4074	6110	0.24%	0.025%
9	5.332	329	331	334	rBV2	5006	6991	0.28%	0.028%
10	5.362	334	336	337	rVV	6095	6171	0.25%	0.025%
11	6.073	454	457	458	rBV	5551	6151	0.25%	0.025%
12	6.302	490	496	500	rBV	5611	9036	0.36%	0.036%
13	6.619	548	550	555	rVB	6436	10264	0.41%	0.041%
14	6.819	580	584	585	rBV2	5600	6348	0.25%	0.026%
15	7.207	646	650	651	rBV2	4475	5638	0.23%	0.023%
16	7.465	688	694	703	rVV2	60263	122063	4.89%	0.491%
17	7.677	724	730	737	rBV	222538	365586	14.64%	1.472%
18	7.871	756	763	771	rVV	236661	409924	16.42%	1.650%
19	8.294	831	835	837	rBV	6453	7411	0.30%	0.030%
20	8.358	840	846	852	rVB	233733	398405	15.95%	1.604%
21	8.658	894	897	899	rBV	5624	5521	0.22%	0.022%
22	9.034	955	961	970	rVB2	187538	337682	13.52%	1.359%
23	9.269	999	1001	1007	rBV	4696	10146	0.41%	0.041%
24	9.557	1042	1050	1058	rVV	303732	538667	21.57%	2.168%
25	9.721	1076	1078	1081	rVB	9249	8143	0.33%	0.033%
26	9.751	1081	1083	1084	rBV	6106	5540	0.22%	0.022%
27	9.774	1084	1087	1094	rVB3	10508	18941	0.76%	0.076%
28	9.921	1108	1112	1115	rBV3	5049	8461	0.34%	0.034%
29	9.956	1115	1118	1119	rVB	8367	5378	0.22%	0.022%
30	10.062	1135	1136	1139	rBV	5157	5730	0.23%	0.023%
31	10.274	1166	1172	1179	rBV2	239726	433174	17.35%	1.744%
32	10.344	1182	1184	1187	rBV3	5346	7065	0.28%	0.028%
33	10.456	1200	1203	1204	rBV	7960	6890	0.28%	0.028%
34	10.591	1223	1226	1227	rVB	7119	6052	0.24%	0.024%
35	10.714	1245	1247	1249	rBV2	9463	7500	0.30%	0.030%
36	10.796	1253	1261	1272	rVV	464447	870376	34.85%	3.504%

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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
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37	10.979	1288	1292	1294	rBV3	8589	11059	0.44%	0.045%
38	11.208	1323	1331	1339	rVB	411465	768108	30.76%	3.092%
39	11.343	1348	1354	1363	rVB2	443876	819885	32.83%	3.301%
40	11.601	1396	1398	1402	rBV2	6507	8701	0.35%	0.035%
41	11.778	1426	1428	1430	rBV3	6140	5485	0.22%	0.022%
42	11.889	1445	1447	1455	rBV3	11207	14831	0.59%	0.060%
43	12.048	1472	1474	1477	rVB3	12268	9349	0.37%	0.038%
44	12.271	1510	1512	1515	rVB3	13640	11988	0.48%	0.048%
45	12.348	1523	1525	1526	rBV3	7401	6033	0.24%	0.024%
46	12.412	1532	1536	1538	rBV2	5593	9888	0.40%	0.040%
47	12.471	1543	1546	1547	rBV	8510	6744	0.27%	0.027%
48	12.589	1564	1566	1569	rBV	4480	5931	0.24%	0.024%
49	12.753	1591	1594	1601	rVB5	11648	23742	0.95%	0.096%
50	12.818	1604	1605	1607	rBV	8828	6435	0.26%	0.026%
51	12.906	1616	1620	1622	rBV	5469	7089	0.28%	0.029%
52	13.170	1662	1665	1667	rVB3	7467	7872	0.32%	0.032%
53	13.194	1667	1669	1670	rBV2	6963	6296	0.25%	0.025%
54	13.247	1676	1678	1680	rBV	7618	6767	0.27%	0.027%
55	13.816	1772	1775	1781	rVB4	19100	26455	1.06%	0.106%
56	14.204	1839	1841	1844	rVB3	7918	8866	0.36%	0.036%
57	14.240	1844	1847	1848	rBV	7302	7956	0.32%	0.032%
58	14.328	1859	1862	1863	rBV	7718	7397	0.30%	0.030%
59	14.339	1863	1864	1865	rBV	11255	7143	0.29%	0.029%
60	14.381	1865	1871	1876	rVB	1027095	1457221	58.36%	5.866%
61	14.498	1889	1891	1894	rVB4	8118	7222	0.29%	0.029%
62	14.686	1915	1923	1934	rBV	1123277	1733267	69.41%	6.978%
63	14.804	1939	1943	1944	rVB2	8904	8790	0.35%	0.035%
64	14.856	1950	1952	1956	rVV4	9153	8030	0.32%	0.032%
65	14.921	1960	1963	1964	rVV	8045	7129	0.29%	0.029%
66	14.986	1966	1974	1981	rVV	667441	1061837	42.52%	4.275%
67	15.144	1995	2001	2008	rVB3	95061	160931	6.44%	0.648%
68	15.203	2008	2011	2013	rBV3	4972	6191	0.25%	0.025%
69	15.332	2027	2033	2036	rVB6	15138	22134	0.89%	0.089%
70	15.973	2135	2142	2149	rVV	1406680	2119626	84.88%	8.533%
71	16.073	2151	2159	2167	rVV	400323	594082	23.79%	2.392%
72	16.196	2178	2180	2181	rBV	13870	8972	0.36%	0.036%
73	16.278	2191	2194	2198	rVB3	8970	12610	0.50%	0.051%
74	16.513	2233	2234	2236	rVB2	8715	5943	0.24%	0.024%
75	16.549	2238	2240	2242	rVV	5585	5635	0.23%	0.023%
76	16.578	2244	2245	2247	rBV	7415	7103	0.28%	0.029%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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77	16.713	2266	2268	2269	rBV2	9102	5987	0.24%	0.024%
78	16.742	2271	2273	2275	rVV3	9859	8717	0.35%	0.035%
79	16.766	2275	2277	2278	rVV2	8404	7029	0.28%	0.028%
80	16.807	2282	2284	2287	rVB3	8381	8941	0.36%	0.036%
81	17.042	2321	2324	2325	rBV3	10203	10085	0.40%	0.041%
82	17.142	2339	2341	2343	rVV2	7903	6808	0.27%	0.027%
83	17.183	2346	2348	2351	rVV3	8046	7316	0.29%	0.029%
84	17.242	2355	2358	2359	rBV2	6339	7378	0.30%	0.030%
85	17.401	2383	2385	2386	rBV2	9673	6100	0.24%	0.025%
86	17.518	2404	2405	2408	rBV2	7638	9175	0.37%	0.037%
87	17.677	2430	2432	2435	rBV3	7566	7148	0.29%	0.029%
88	17.735	2435	2442	2448	rVV	846172	1270760	50.89%	5.116%
89	17.835	2452	2459	2465	rBV2	1590102	2379066	95.27%	9.577%
90	18.070	2497	2499	2502	rVB4	10466	6201	0.25%	0.025%
91	18.100	2502	2504	2506	rBV3	11951	7645	0.31%	0.031%
92	18.558	2577	2582	2587	rBV2	294451	412688	16.53%	1.661%
93	18.775	2617	2619	2622	rBV4	11371	14771	0.59%	0.059%
94	19.815	2792	2796	2805	rVB2	203700	275404	11.03%	1.109%
95	20.109	2840	2846	2851	rVB	1730425	2497156	100.00%	10.053%
96	21.631	3101	3105	3113	rBV9	74863	129077	5.17%	0.520%
97	22.072	3174	3180	3187	rVB2	686425	1223437	48.99%	4.925%
98	25.426	3740	3751	3762	rBV4	819645	2467976	98.83%	9.935%
99	25.673	3784	3793	3804	rVB3	378151	1248322	49.99%	5.025%
100	30.849	4672	4674	4675	rBV2	24350	16808	0.67%	0.068%

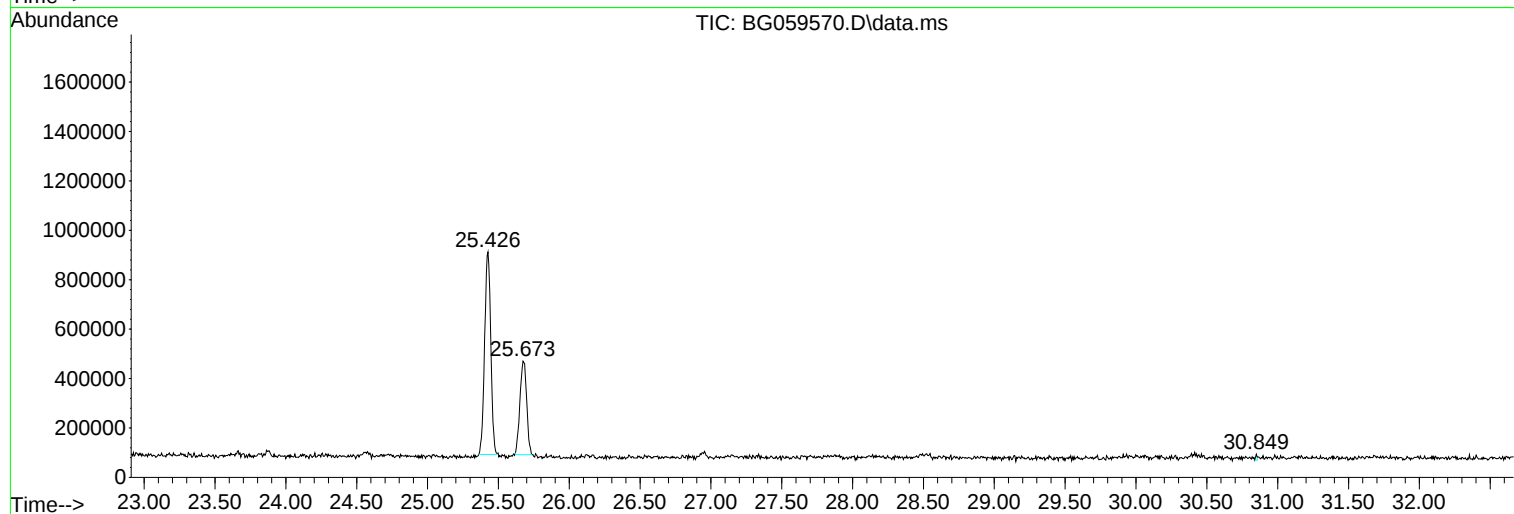
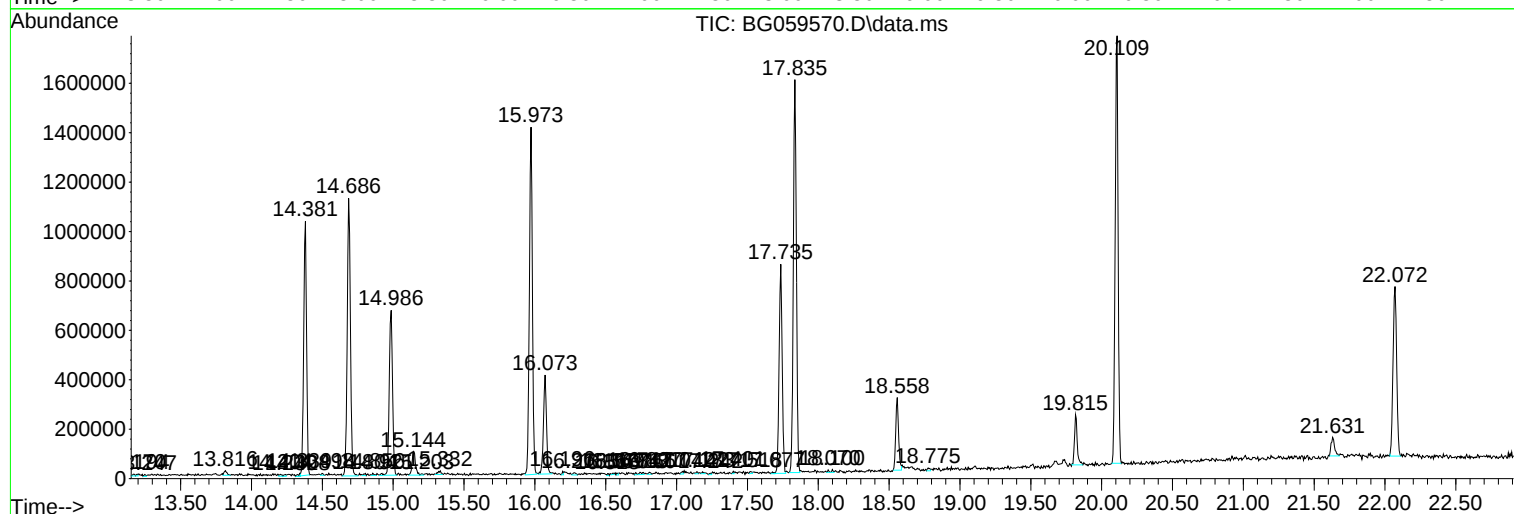
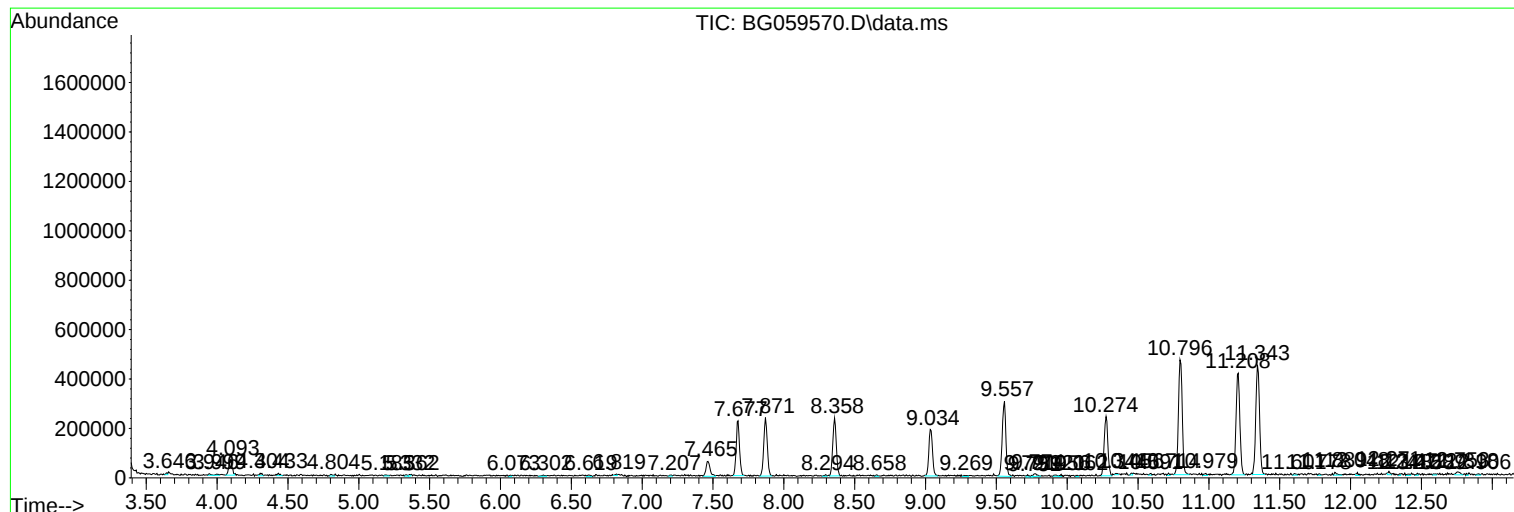
Sum of corrected areas: 24840794

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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



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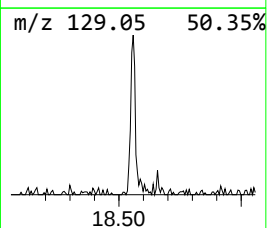
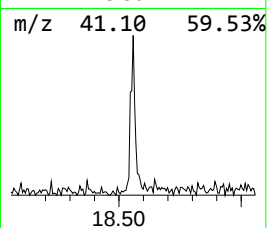
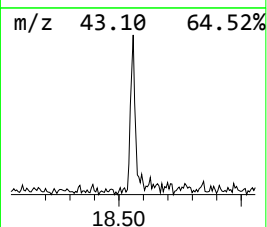
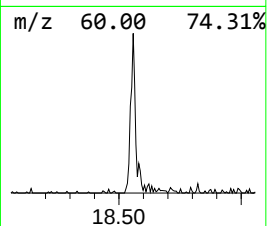
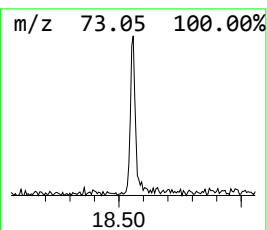
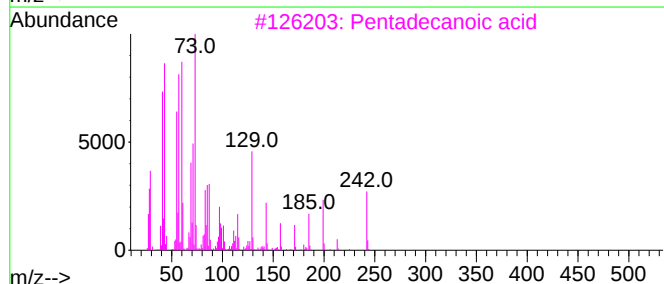
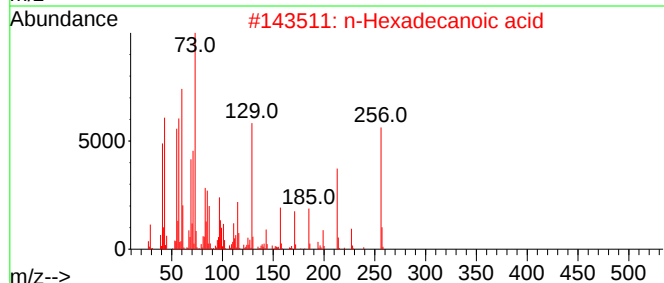
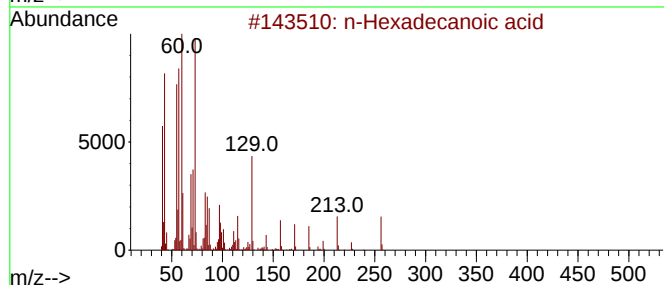
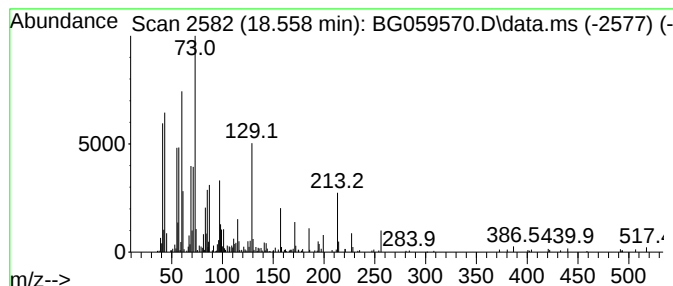
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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.
18.558	6.50 ng/ul	412688	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4			n-Decanoic acid	172	C10H20O2	000334-48-5	49
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35



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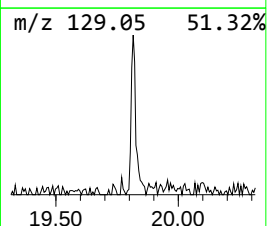
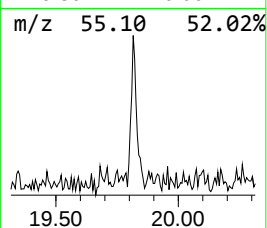
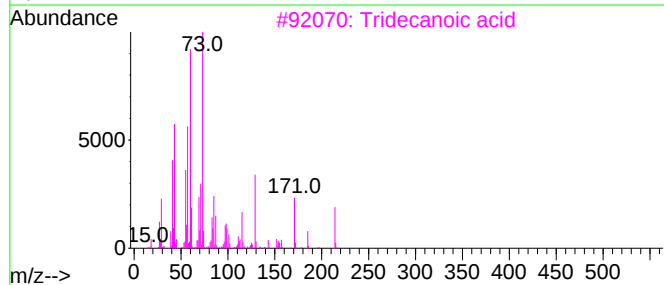
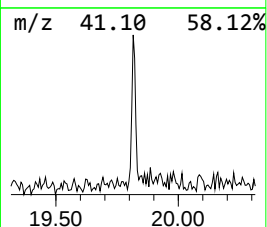
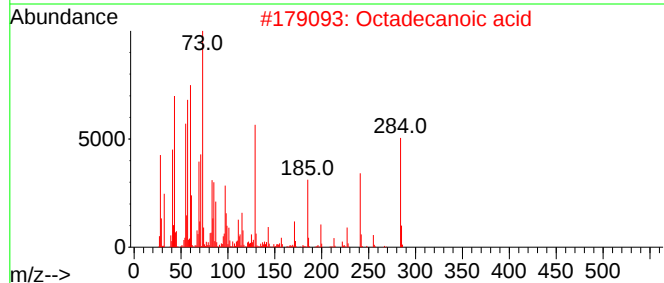
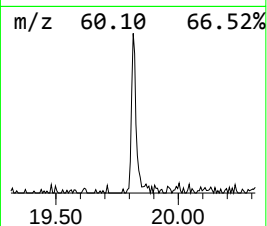
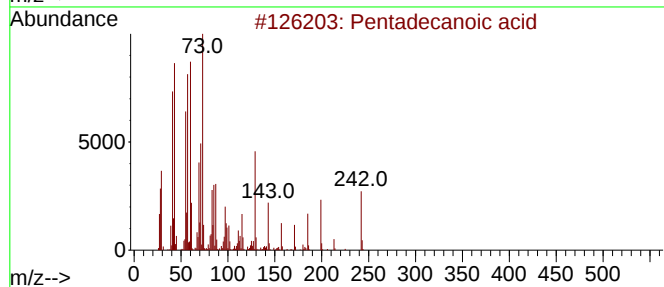
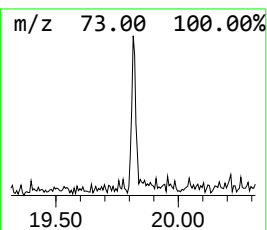
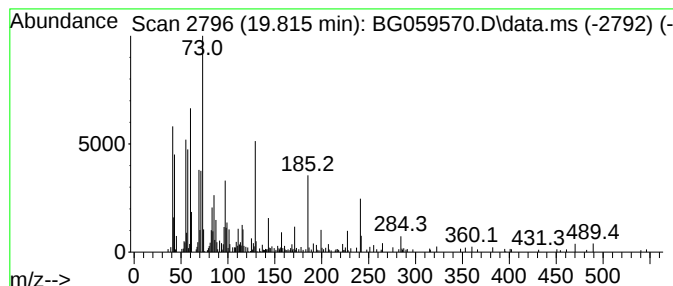
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.815	4.33 ng/ul	275404	Phenanthrene-d10	17.735

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2			Octadecanoic acid	284	C18H36O2	000057-11-4	78
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	58



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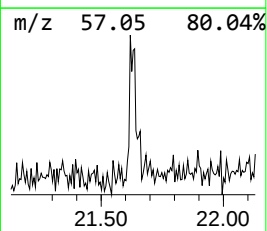
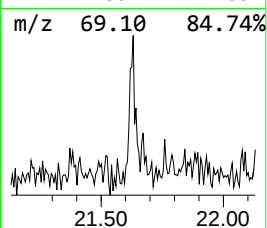
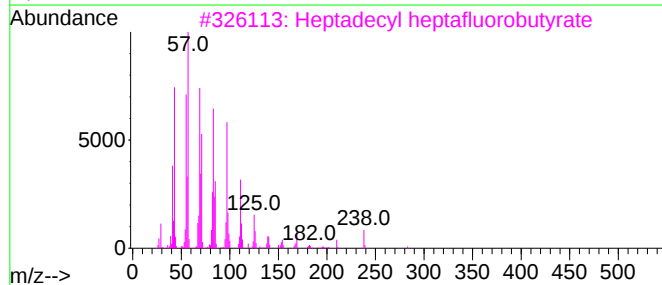
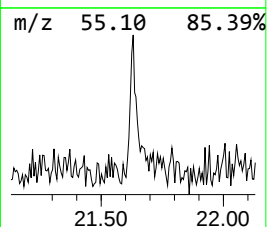
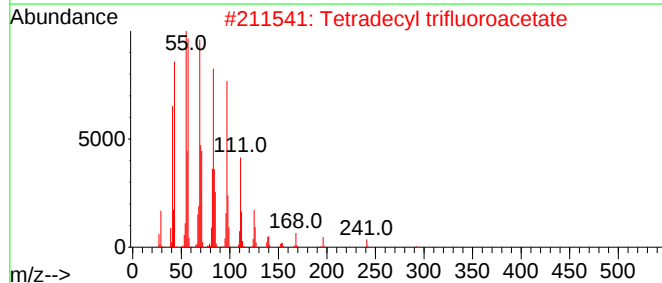
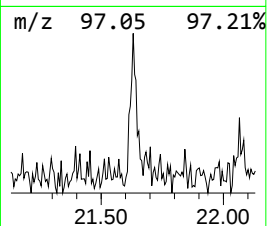
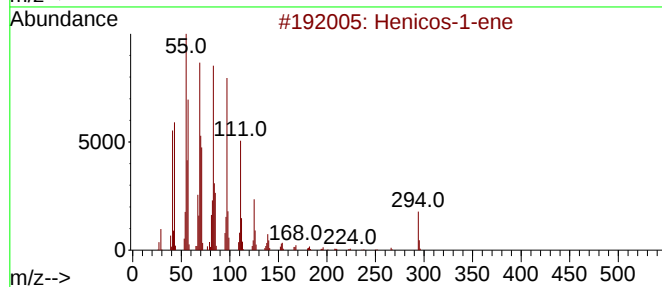
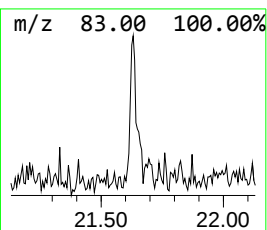
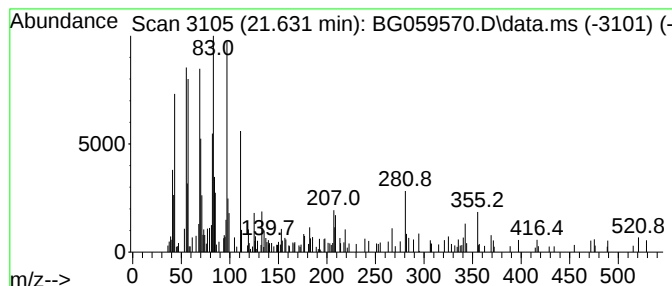
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.631	2.11 ng/ul	129077	Chrysene-d12	22.072

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Henicos-1-ene	294	C21H42	001599-68-4	91
2			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	80
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	72
4			Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	72
5			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
Data File : BG059570.D
Acq On : 31 Oct 2023 21:14
Operator : MA/JU
Sample : 04950-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A49M7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.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 ...	18.558	6.5	ng/ul	412688	4	17.735	1270760	20.0
Pentadecanoic acid	19.815	4.3	ng/ul	275404	4	17.735	1270760	20.0
(DEL) Alkane: S...	21.631	2.1	ng/ul	129077	5	22.072	1223440	20.0