

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG058979.D
 Acq On : 11 Sep 2023 12:02
 Operator : MA/JU
 Sample : 04195-12
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YBY74

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-BG091023.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG058979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.634	21	25	30	rBV4	14427	22919	0.82%	0.093%
2	3.805	52	54	56	rBV2	4281	4809	0.17%	0.020%
3	3.922	71	74	75	rBV3	4310	4375	0.16%	0.018%
4	4.099	101	104	105	rBV2	5638	5136	0.18%	0.021%
5	4.116	105	107	110	rVB4	6969	7052	0.25%	0.029%
6	4.204	120	122	125	rVB2	5128	3967	0.14%	0.016%
7	4.245	125	129	131	rVB3	4956	4505	0.16%	0.018%
8	4.275	131	134	135	rBV2	4262	4091	0.15%	0.017%
9	4.410	155	157	160	rVB3	5411	4535	0.16%	0.018%
10	4.527	174	177	179	rBV	3212	4165	0.15%	0.017%
11	4.604	188	190	193	rVB4	3876	3764	0.13%	0.015%
12	4.639	193	196	198	rBV3	3892	3843	0.14%	0.016%
13	4.892	236	239	242	rVB2	5348	5207	0.19%	0.021%
14	4.933	242	246	247	rBV2	4003	4180	0.15%	0.017%
15	5.338	312	315	319	rBV4	2552	4322	0.15%	0.018%
16	5.450	333	334	338	rBV2	4290	4794	0.17%	0.020%
17	5.955	417	420	423	rBV2	4141	4566	0.16%	0.019%
18	6.725	550	551	554	rBV	3462	4268	0.15%	0.017%
19	6.772	557	559	561	rBV2	4953	3870	0.14%	0.016%
20	7.136	618	621	624	rBV2	3357	4753	0.17%	0.019%
21	7.265	640	643	647	rBV2	4688	7249	0.26%	0.030%
22	7.436	665	672	679	rBV	206248	367941	13.10%	1.499%
23	7.641	702	707	716	rBV	164424	279259	9.95%	1.137%
24	7.741	719	724	728	rVB2	2517	4126	0.15%	0.017%
25	7.835	733	740	748	rBV2	187735	331185	11.79%	1.349%
26	8.323	814	823	832	rBV	256473	459741	16.37%	1.873%
27	9.005	932	939	947	rBV2	248232	435621	15.51%	1.774%
28	9.234	973	978	980	rBV2	5811	7221	0.26%	0.029%
29	9.310	989	991	994	rBV2	4486	3921	0.14%	0.016%
30	9.522	1019	1027	1033	rBV2	197622	361061	12.86%	1.471%
31	9.633	1042	1046	1047	rBV4	3805	4232	0.15%	0.017%
32	9.745	1061	1065	1066	rBV2	5440	5463	0.19%	0.022%
33	10.238	1142	1149	1157	rBV2	164493	306966	10.93%	1.250%
34	10.426	1180	1181	1185	rVB2	3821	4022	0.14%	0.016%
35	10.761	1230	1238	1246	rVB	273417	494696	17.62%	2.015%
36	10.902	1260	1262	1266	rVB	3788	4436	0.16%	0.018%

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37	11.167	1299	1307	1314	rBV	404991	750408	26.73%	3.057%
38	11.308	1325	1331	1337	rBV3	82525	147024	5.24%	0.599%
39	11.654	1387	1390	1394	rBV	5523	6731	0.24%	0.027%
40	11.807	1412	1416	1417	rBV	3930	4732	0.17%	0.019%
41	12.195	1477	1482	1484	rBV	3258	5506	0.20%	0.022%
42	12.371	1511	1512	1516	rBV	5047	6303	0.22%	0.026%
43	12.571	1545	1546	1549	rBV	6537	3820	0.14%	0.016%
44	12.782	1578	1582	1583	rVB	4602	3877	0.14%	0.016%
45	13.270	1661	1665	1667	rBV3	4789	7716	0.27%	0.031%
46	13.364	1678	1681	1682	rVB2	5597	4370	0.16%	0.018%
47	13.382	1682	1684	1686	rBV	4873	5304	0.19%	0.022%
48	13.417	1689	1690	1694	rVB2	4656	4236	0.15%	0.017%
49	13.705	1735	1739	1744	rVB3	9313	13079	0.47%	0.053%
50	13.781	1746	1752	1757	rBV3	17637	28651	1.02%	0.117%
51	13.864	1763	1766	1771	rBV2	2941	4901	0.17%	0.020%
52	14.281	1835	1837	1840	rBV	3932	4159	0.15%	0.017%
53	14.345	1840	1848	1855	rVV	550617	807504	28.76%	3.289%
54	14.398	1855	1857	1860	rVB2	4134	3742	0.13%	0.015%
55	14.574	1884	1887	1888	rVB	4619	4211	0.15%	0.017%
56	14.598	1888	1891	1892	rBV	5389	5743	0.20%	0.023%
57	14.651	1894	1900	1907	rVB	637494	983292	35.02%	4.005%
58	14.762	1918	1919	1922	rBV2	3423	3790	0.13%	0.015%
59	14.951	1944	1951	1959	rVB2	744276	1206565	42.97%	4.915%
60	15.033	1963	1965	1967	rBV	3073	3796	0.14%	0.015%
61	15.109	1971	1978	1986	rVV2	244789	397848	14.17%	1.621%
62	15.291	2006	2009	2011	rVB3	9195	6806	0.24%	0.028%
63	15.362	2017	2021	2025	rBV5	7779	11817	0.42%	0.048%
64	15.538	2047	2051	2053	rBV2	3432	4835	0.17%	0.020%
65	15.626	2062	2066	2068	rVB	7856	9565	0.34%	0.039%
66	15.656	2068	2071	2074	rBV	4329	8249	0.29%	0.034%
67	15.726	2080	2083	2086	rVB	5426	5042	0.18%	0.021%
68	15.938	2112	2119	2127	rBV	864405	1298004	46.23%	5.287%
69	16.037	2130	2136	2142	rVV2	197906	288436	10.27%	1.175%
70	16.173	2156	2159	2163	rVB	5196	7537	0.27%	0.031%
71	16.543	2219	2222	2225	rBV3	4608	5629	0.20%	0.023%
72	16.713	2247	2251	2252	rBV3	4177	4516	0.16%	0.018%
73	16.819	2268	2269	2274	rBV3	3072	3814	0.14%	0.016%
74	17.213	2329	2336	2340	rBV3	9630	20190	0.72%	0.082%
75	17.436	2371	2374	2377	rVB3	3808	3780	0.13%	0.015%
76	17.471	2378	2380	2381	rBV	6108	4240	0.15%	0.017%

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77	17.536	2389	2391	2393	rBV2	4735	5068	0.18%	0.021%
78	17.700	2412	2419	2425	rBV	1112094	1698377	60.49%	6.918%
79	17.800	2429	2436	2443	rVV	951005	1514093	53.92%	6.167%
80	17.853	2443	2445	2449	rVB4	6355	6939	0.25%	0.028%
81	18.017	2470	2473	2477	rVB2	4336	5495	0.20%	0.022%
82	18.076	2480	2483	2487	rBV3	4403	7947	0.28%	0.032%
83	18.188	2499	2502	2504	rBV2	3461	4773	0.17%	0.019%
84	18.394	2534	2537	2539	rBV2	4156	5031	0.18%	0.020%
85	18.417	2539	2541	2546	rVB5	4655	7087	0.25%	0.029%
86	18.517	2554	2558	2571	rBV2	183749	275154	9.80%	1.121%
87	18.681	2585	2586	2587	rBV	10733	6952	0.25%	0.028%
88	18.799	2604	2606	2609	rBV4	8455	9404	0.33%	0.038%
89	19.328	2694	2696	2698	rVB3	8087	5261	0.19%	0.021%
90	19.633	2745	2748	2752	rBV3	34523	52674	1.88%	0.215%
91	19.780	2769	2773	2780	rBV	110968	144837	5.16%	0.590%
92	20.068	2814	2822	2828	rBV	1755743	2531905	90.17%	10.313%
93	20.520	2897	2899	2905	rVB3	50136	62775	2.24%	0.256%
94	21.032	2983	2986	2991	rVB2	72957	92557	3.30%	0.377%
95	21.572	3073	3078	3088	rBV	341407	575763	20.51%	2.345%
96	22.019	3148	3154	3164	rVB2	1439817	2557044	91.07%	10.416%
97	22.160	3174	3178	3185	rVB4	63447	104582	3.72%	0.426%
98	23.593	3415	3422	3433	rBV4	183451	444068	15.82%	1.809%
99	25.338	3709	3719	3732	rVB2	764710	2338566	83.29%	9.526%
100	25.585	3749	3761	3775	rVB	867287	2807866	100.00%	11.437%

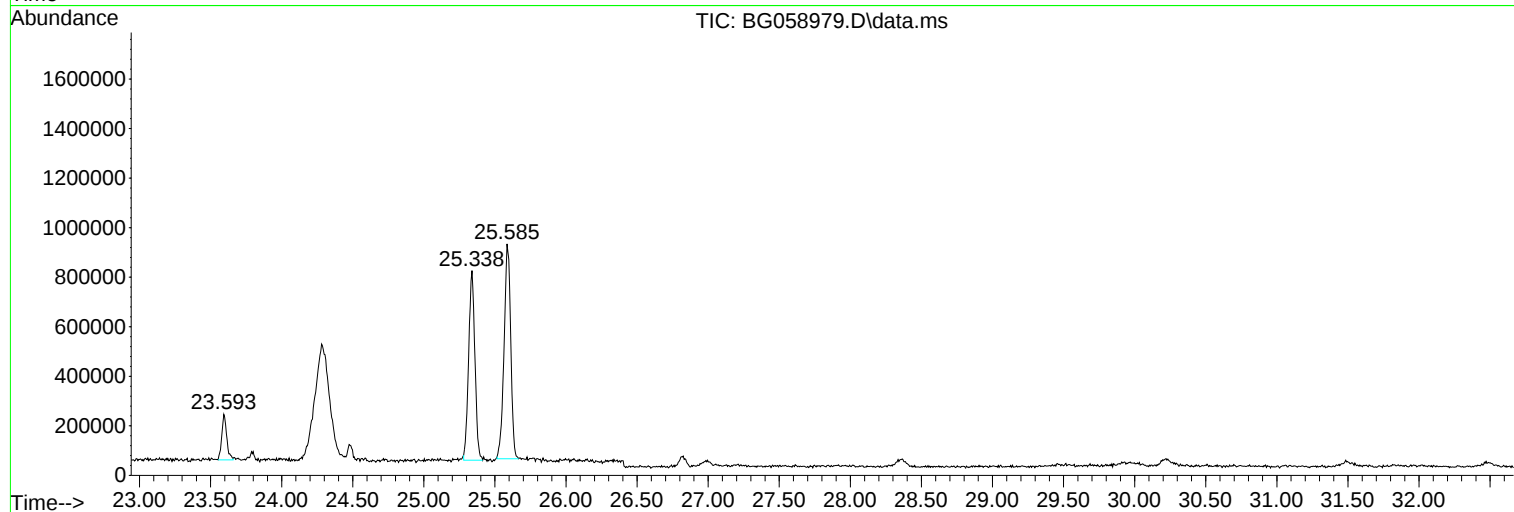
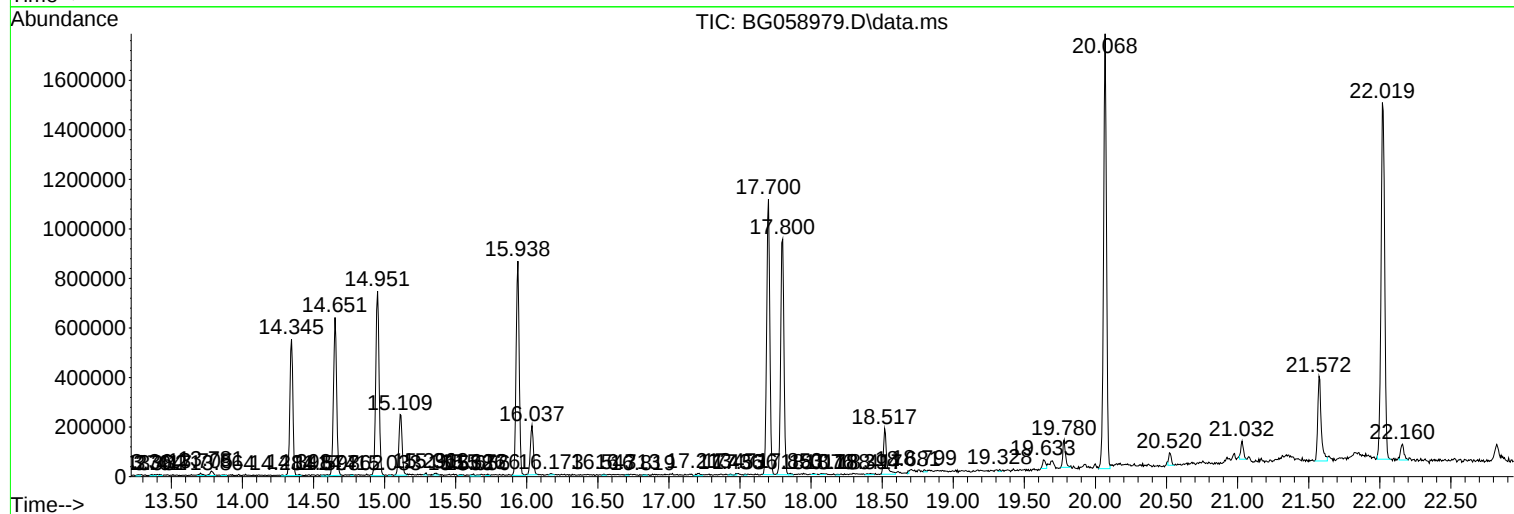
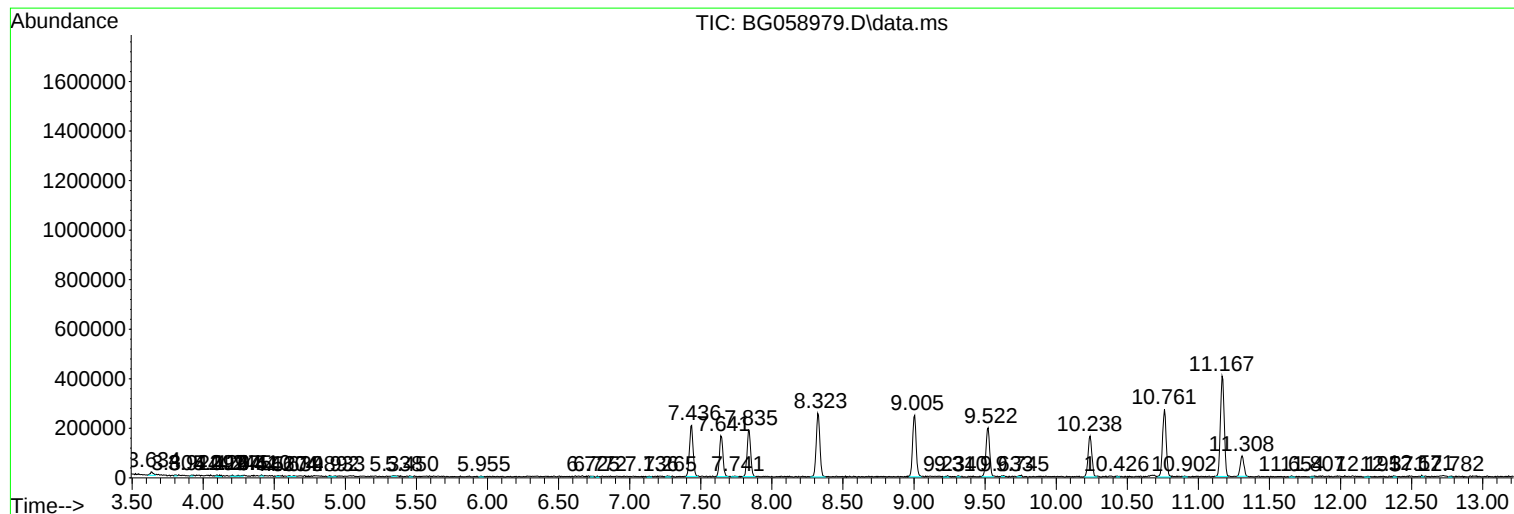
Sum of corrected areas: 24550247

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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



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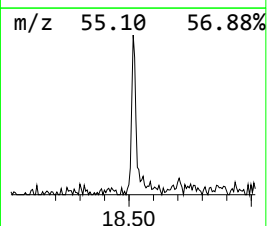
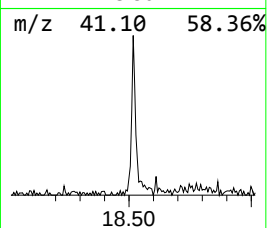
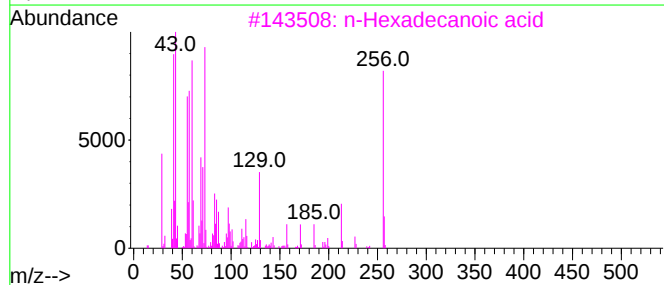
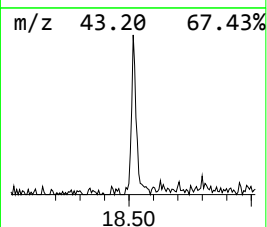
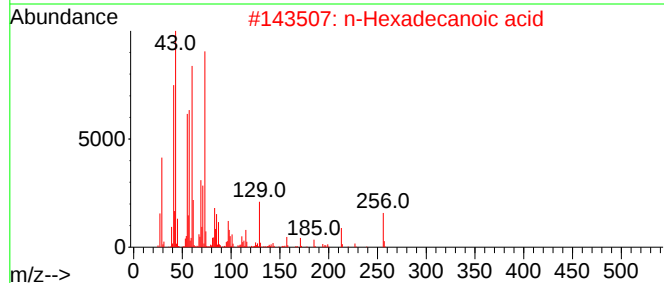
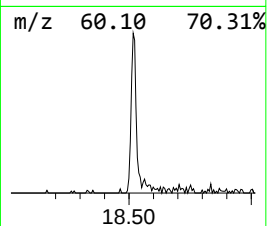
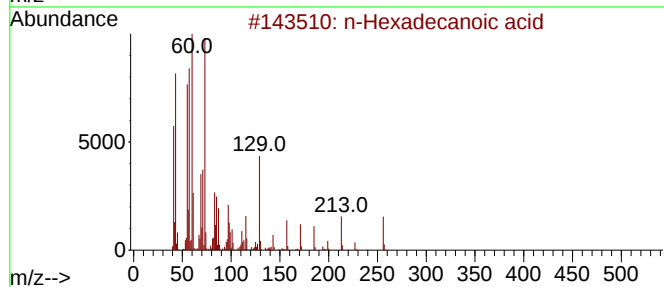
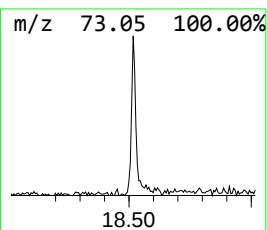
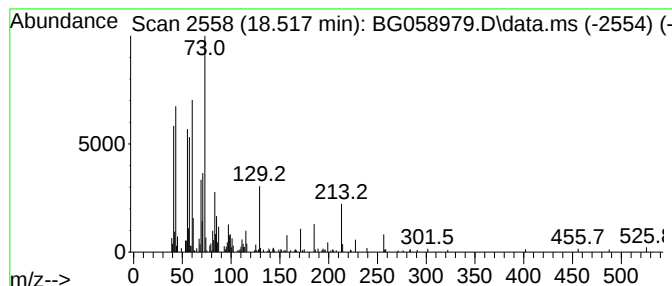
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.517	3.24 ng/ul	275154	Phenanthrene-d10	17.700

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	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	53



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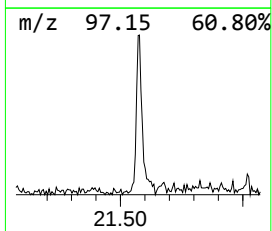
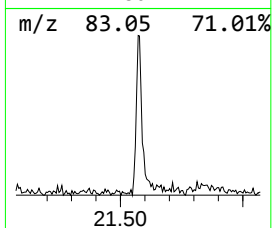
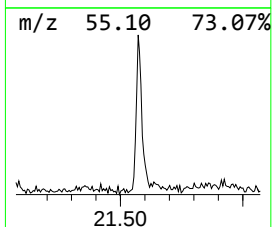
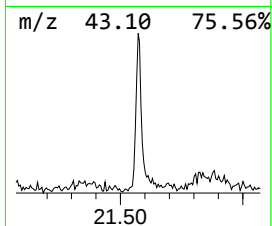
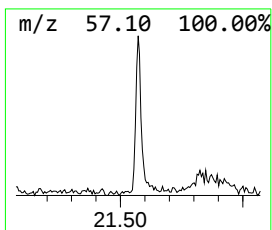
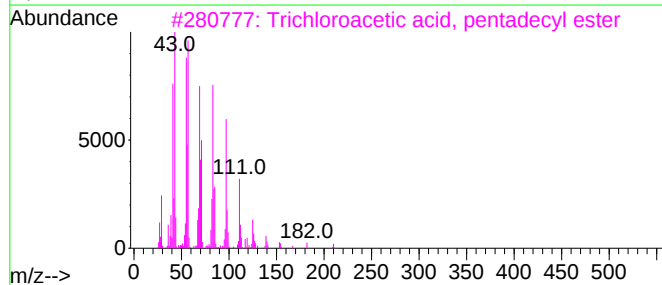
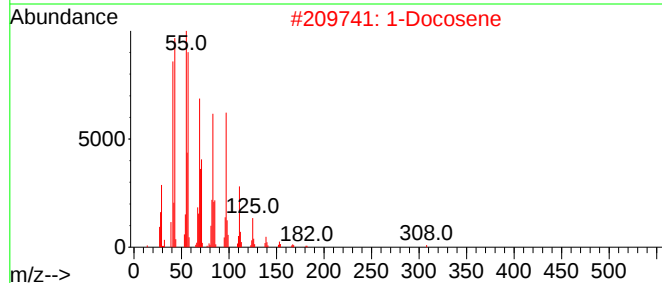
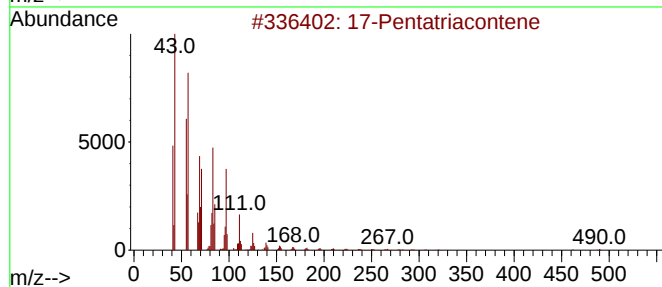
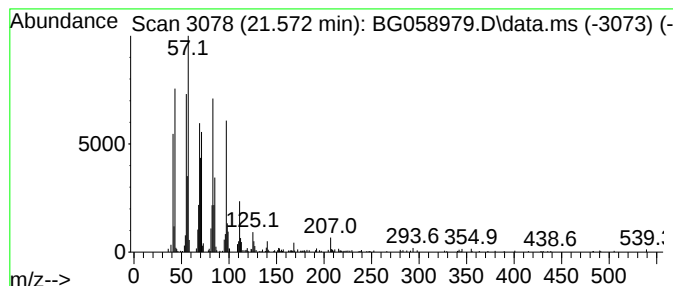
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.572	4.50 ng/ul	575763	Chrysene-d12	22.019

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene			491	C35H70	006971-40-0	94
2	1-Docosene			308	C22H44	001599-67-3	91
3	Trichloroacetic acid, pentadecyl...			372	C17H31Cl3O2	074339-53-0	90
4	1-Nonadecene			266	C19H38	018435-45-5	87
5	Dodecyl heptyl ether			284	C19H40O	1010406-39-2	87



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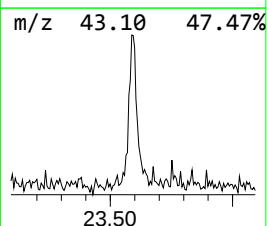
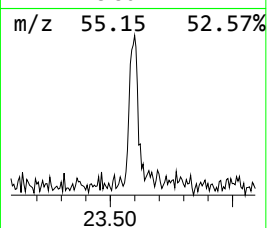
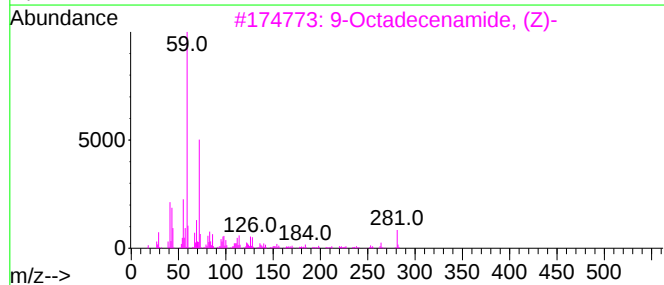
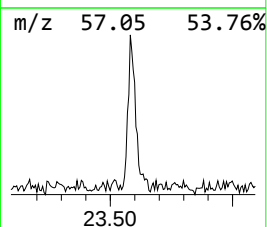
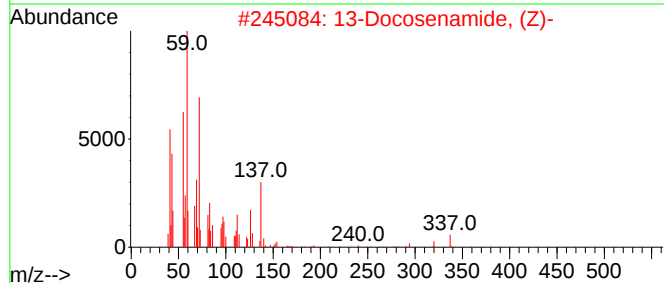
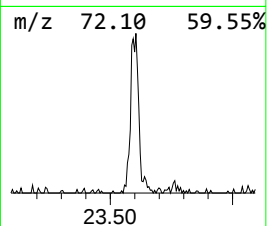
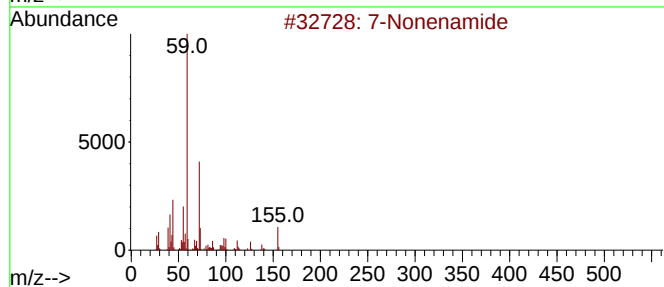
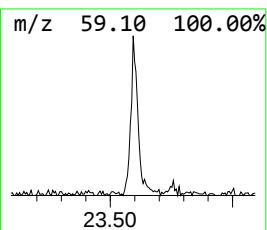
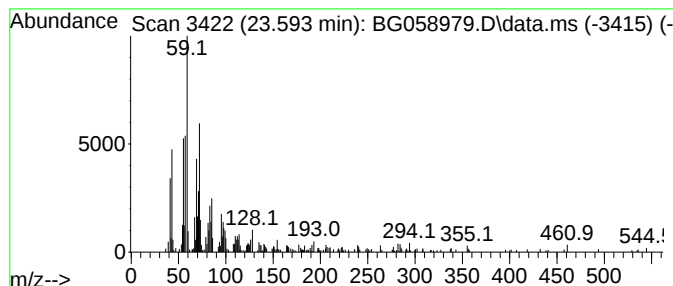
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 7-Nonenamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.593	3.47 ng/ul	444068	Chrysene-d12	22.019

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Nonenamide	155	C9H17NO	090949-53-4	76
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4			Tetradecanamide	227	C14H29NO	000638-58-4	59
5			Hexadecanamide	255	C16H33NO	000629-54-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058979.D
Acq On : 11 Sep 2023 12:02
Operator : MA/JU
Sample : 04195-12
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YBY74

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.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 ...	18.517	3.2	ng/ul	275154	4	17.700	1698380	20.0
(DEL) Alkane: S...	21.572	4.5	ng/ul	575763	5	22.019	2557040	20.0
7-Nonenamide	23.593	3.5	ng/ul	444068	5	22.019	2557040	20.0