

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
 Data File : BG059645.D
 Acq On : 5 Nov 2023 7:34
 Operator : MA/JU
 Sample : 05016-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4987

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: BG059645.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.994	101	103	105	rBV3	10903	9076	0.67%	0.104%
2	4.082	115	118	120	rBV3	13784	17527	1.30%	0.201%
3	4.346	161	163	166	rBV2	6330	9682	0.72%	0.111%
4	5.086	287	289	290	rBV	5689	3924	0.29%	0.045%
5	5.545	363	367	368	rBV	3940	4599	0.34%	0.053%
6	5.733	397	399	402	rVB	3879	3734	0.28%	0.043%
7	6.449	519	521	522	rBV	5038	3791	0.28%	0.043%
8	6.690	560	562	565	rVV	4640	4185	0.31%	0.048%
9	6.726	565	568	571	rVB	3934	5084	0.38%	0.058%
10	6.825	583	585	589	rVB	4768	4150	0.31%	0.048%
11	6.972	608	610	613	rVB	5907	5769	0.43%	0.066%
12	7.460	689	693	697	rBV2	30929	44666	3.30%	0.512%
13	7.666	722	728	736	rBV2	75578	125892	9.31%	1.443%
14	7.865	755	762	770	rVB2	102014	173960	12.86%	1.994%
15	7.942	773	775	779	rBV2	4545	6316	0.47%	0.072%
16	8.353	839	845	852	rVB2	98216	179005	13.24%	2.052%
17	8.888	932	936	937	rBV2	5083	5960	0.44%	0.068%
18	9.029	955	960	967	rBV4	89443	160075	11.84%	1.835%
19	9.217	990	992	995	rVB4	4319	4552	0.34%	0.052%
20	9.258	995	999	1003	rBV4	4604	7454	0.55%	0.085%
21	9.434	1027	1029	1032	rBV4	3900	4760	0.35%	0.055%
22	9.546	1041	1048	1055	rBV2	137430	244159	18.06%	2.799%
23	9.851	1098	1100	1103	rVB2	3995	3883	0.29%	0.045%
24	10.269	1164	1171	1180	rVB3	110777	216214	15.99%	2.478%
25	10.333	1180	1182	1185	rBV	4654	4514	0.33%	0.052%
26	10.415	1193	1196	1200	rVB	7103	9655	0.71%	0.111%
27	10.721	1247	1248	1251	rBV	5093	5394	0.40%	0.062%
28	10.797	1254	1261	1267	rVB2	169226	312888	23.14%	3.586%
29	11.115	1313	1315	1317	rVB2	4764	3807	0.28%	0.044%
30	11.203	1322	1330	1337	rBV2	129605	254866	18.85%	2.921%
31	11.338	1351	1353	1361	rVB4	17046	21194	1.57%	0.243%
32	11.479	1376	1377	1382	rVB2	4191	4225	0.31%	0.048%
33	11.602	1397	1398	1401	rBV2	4158	4012	0.30%	0.046%
34	12.454	1540	1543	1545	rVB2	4700	4777	0.35%	0.055%
35	12.484	1545	1548	1550	rBV2	4818	4088	0.30%	0.047%
36	12.607	1568	1569	1571	rBV	5151	4378	0.32%	0.050%

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37	12.948	1624	1627	1628	rBV	5166	4295	0.32%	0.049%
38	13.183	1665	1667	1669	rBV	6921	6950	0.51%	0.080%
39	13.236	1674	1676	1677	rBV	6886	6164	0.46%	0.071%
40	13.400	1702	1704	1707	rVB	5235	5237	0.39%	0.060%
41	13.500	1716	1721	1722	rBV	3880	4286	0.32%	0.049%
42	13.547	1726	1729	1730	rBV2	7735	6785	0.50%	0.078%
43	13.811	1767	1774	1779	rBV4	45306	82450	6.10%	0.945%
44	13.935	1794	1795	1799	rVB4	3808	4432	0.33%	0.051%
45	13.964	1799	1800	1803	rBV4	4268	3922	0.29%	0.045%
46	14.199	1837	1840	1841	rVB4	5278	4594	0.34%	0.053%
47	14.223	1841	1844	1846	rBV3	12092	10460	0.77%	0.120%
48	14.370	1864	1869	1875	rBV	453000	619761	45.83%	7.104%
49	14.569	1900	1903	1905	rVB	4339	4690	0.35%	0.054%
50	14.593	1905	1907	1908	rBV	5331	4443	0.33%	0.051%
51	14.681	1916	1922	1928	rBV	409735	645632	47.75%	7.400%
52	14.828	1944	1947	1950	rBV	4223	5614	0.42%	0.064%
53	14.887	1955	1957	1960	rVB	7791	6653	0.49%	0.076%
54	14.910	1960	1961	1965	rBV2	5480	8765	0.65%	0.100%
55	14.981	1967	1973	1981	rVB	242763	385949	28.54%	4.424%
56	15.145	1996	2001	2009	rVB4	48325	88606	6.55%	1.016%
57	15.239	2014	2017	2018	rBV4	4698	4192	0.31%	0.048%
58	15.968	2135	2141	2147	rVB	555130	828123	61.24%	9.492%
59	16.068	2152	2158	2166	rVB2	197161	288378	21.33%	3.305%
60	16.326	2200	2202	2210	rVB2	19335	26921	1.99%	0.309%
61	17.043	2322	2324	2326	rBV	6174	5487	0.41%	0.063%
62	17.431	2388	2390	2392	rBV	6035	5698	0.42%	0.065%
63	17.730	2435	2441	2447	rVB	333377	499276	36.92%	5.723%
64	17.830	2451	2458	2465	rBV2	655616	987144	73.00%	11.315%
65	18.324	2540	2542	2548	rVB4	9812	13017	0.96%	0.149%
66	18.388	2552	2553	2555	rBV	6929	3709	0.27%	0.043%
67	18.547	2575	2580	2585	rBV2	141119	200249	14.81%	2.295%
68	18.829	2627	2628	2629	rBV2	9135	3973	0.29%	0.046%
69	19.405	2724	2726	2728	rBV3	8400	7382	0.55%	0.085%
70	19.810	2791	2795	2800	rVB3	70130	88053	6.51%	1.009%
71	20.104	2839	2845	2850	rVB	930953	1352250	100.00%	15.500%
72	22.066	3174	3179	3187	rVB2	353370	618495	45.74%	7.089%

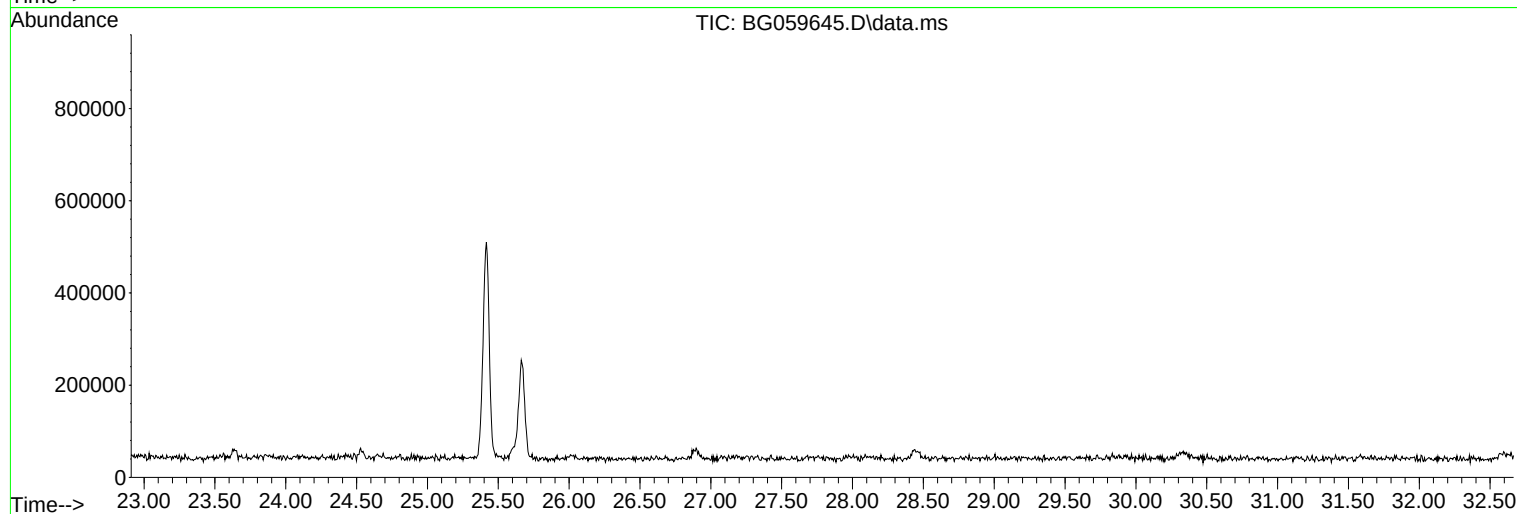
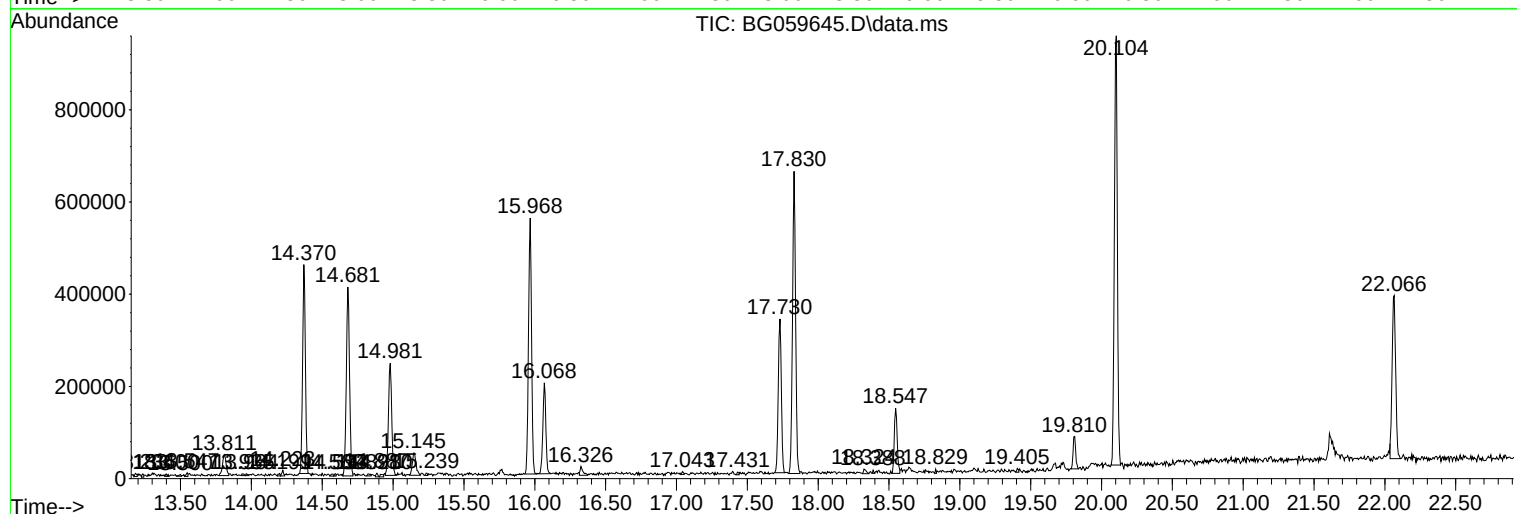
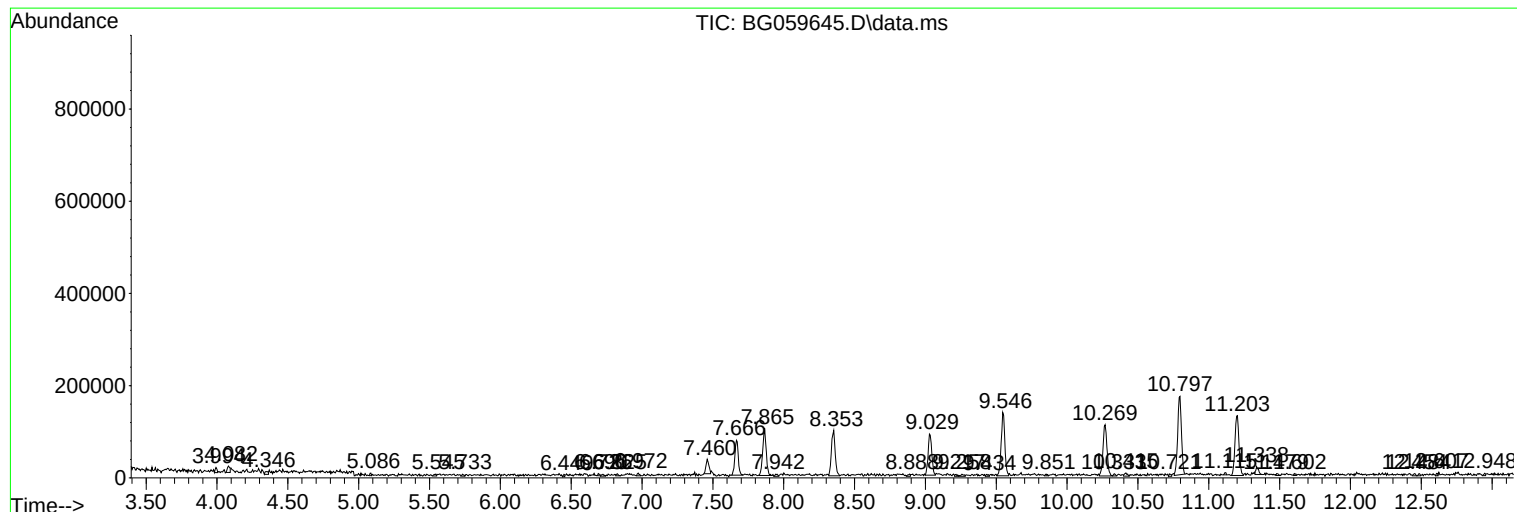
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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



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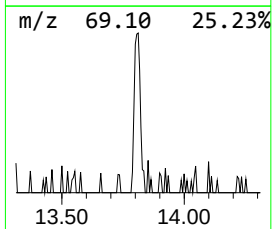
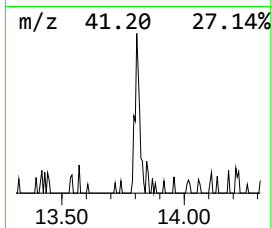
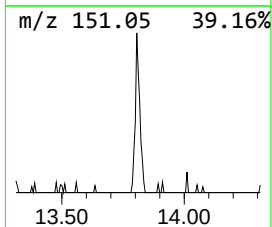
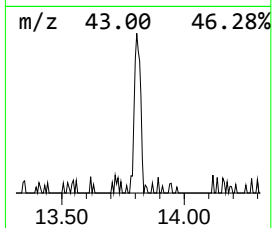
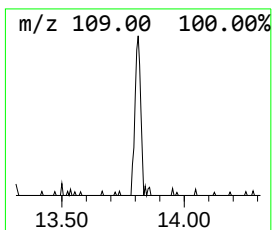
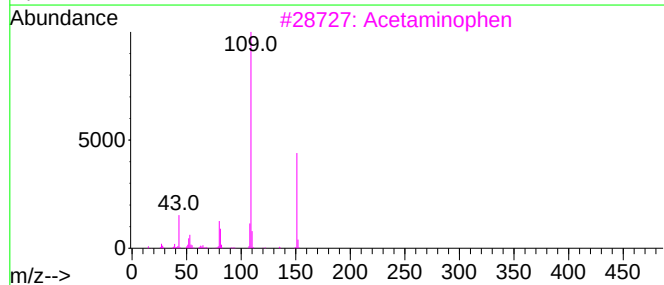
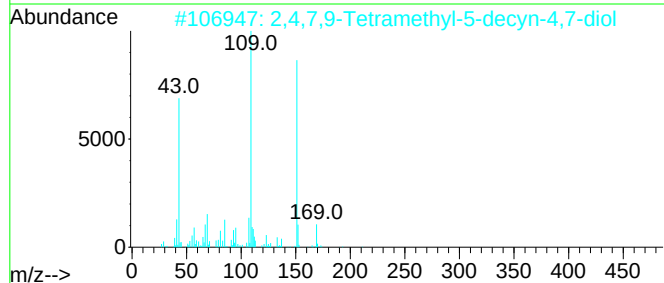
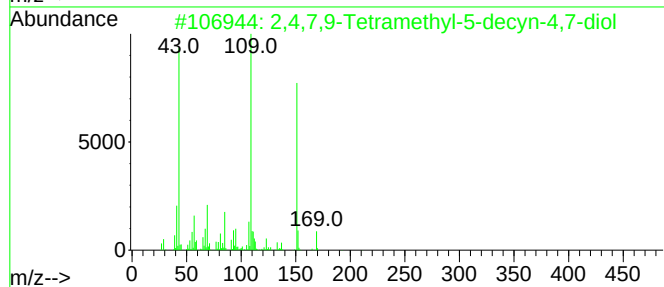
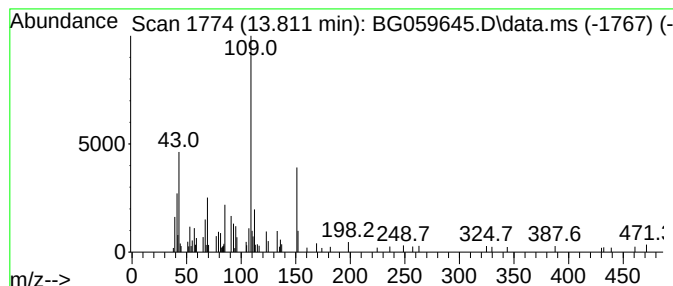
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.811	4.27 ng/ul	82450	Acenaphthene-d10	14.981

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	59		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	59		
3	Acetaminophen	151	C8H9NO2	000103-90-2	52		
4	Metacetamol	151	C8H9NO2	000621-42-1	50		
5	Metacetamol	151	C8H9NO2	000621-42-1	50		



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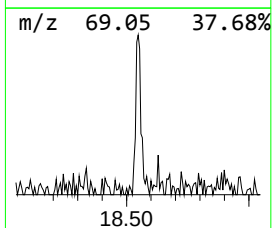
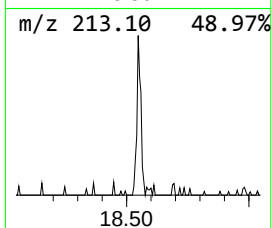
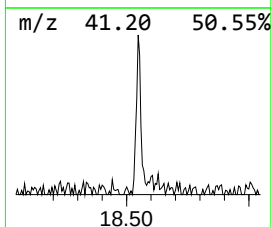
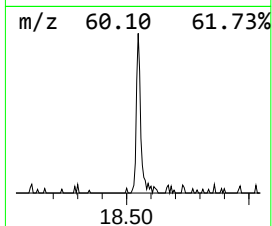
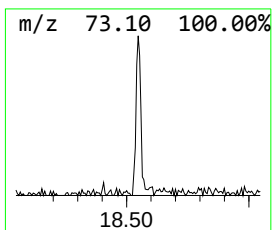
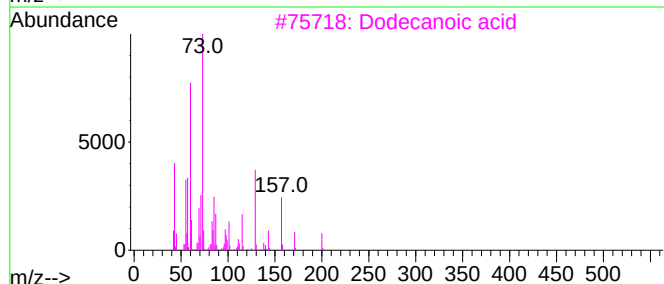
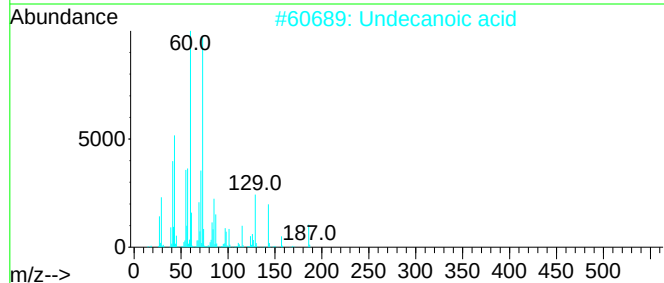
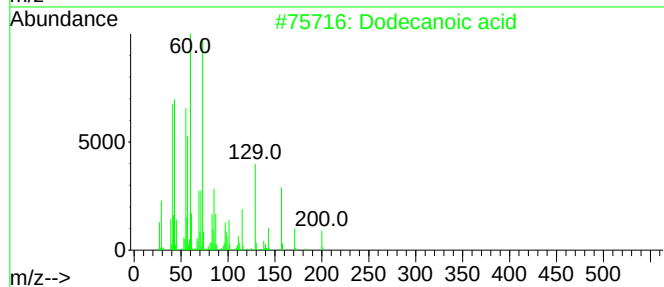
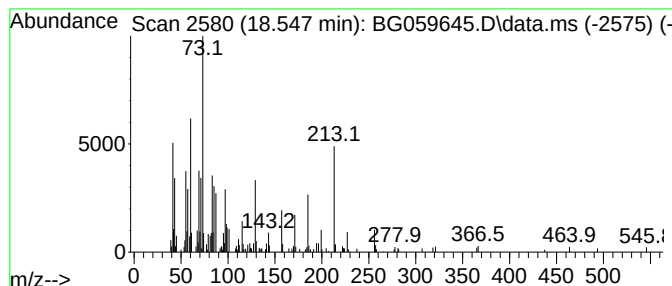
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	8.02 ng/ul	200249	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	43
2			Undecanoic acid	186	C11H22O2	000112-37-8	43
3			Dodecanoic acid	200	C12H24O2	000143-07-7	43
4			Tridecanoic acid	214	C13H26O2	000638-53-9	41
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38



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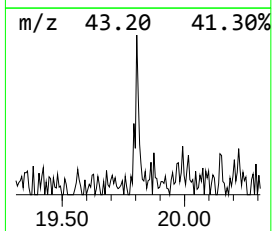
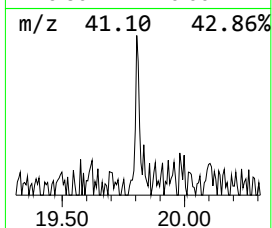
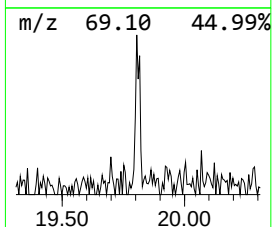
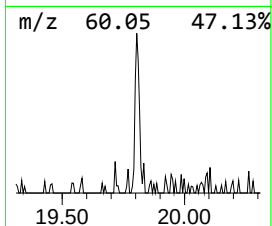
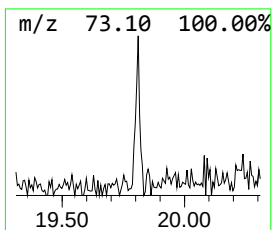
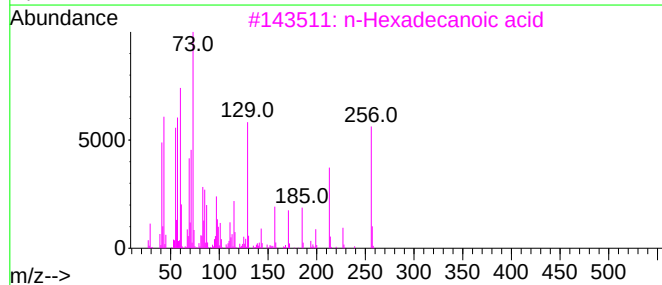
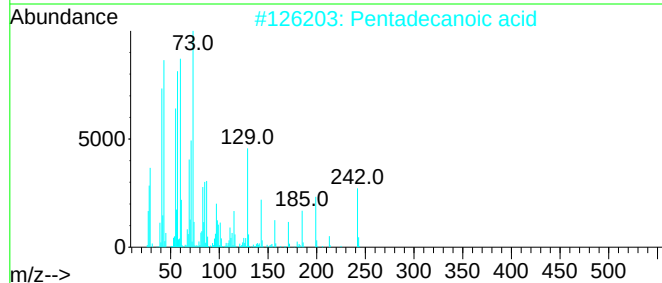
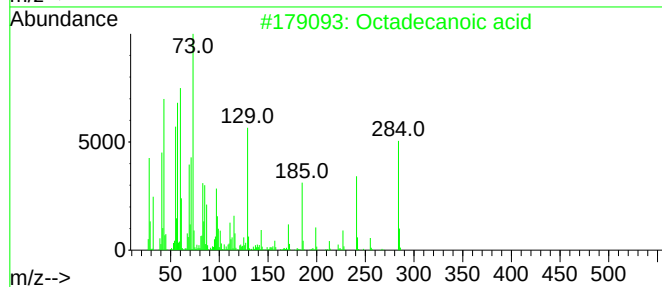
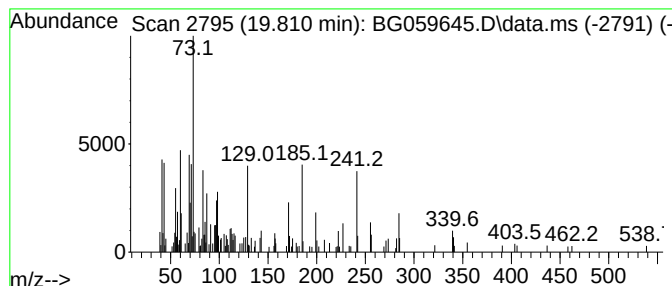
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TIC Library : C:\DATABASE\NIST20.L
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.810	3.53 ng/ul	88053	Phenanthrene-d10	17.730

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	78
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	41
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5			Docosanoic acid	340	C22H44O2	000112-85-6	25



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.811	4.3	ng/ul	82450	3	14.981	385949	20.0
unknown-01	18.547	8.0	ng/ul	200249	4	17.730	499276	20.0
Octadecanoic acid	19.810	3.5	ng/ul	88053	4	17.730	499276	20.0