

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038031.D
 Acq On : 15 Dec 2022 14:36
 Operator : CG/JU
 Sample : N5983-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLB6

Quant Time: Dec 15 23:43:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

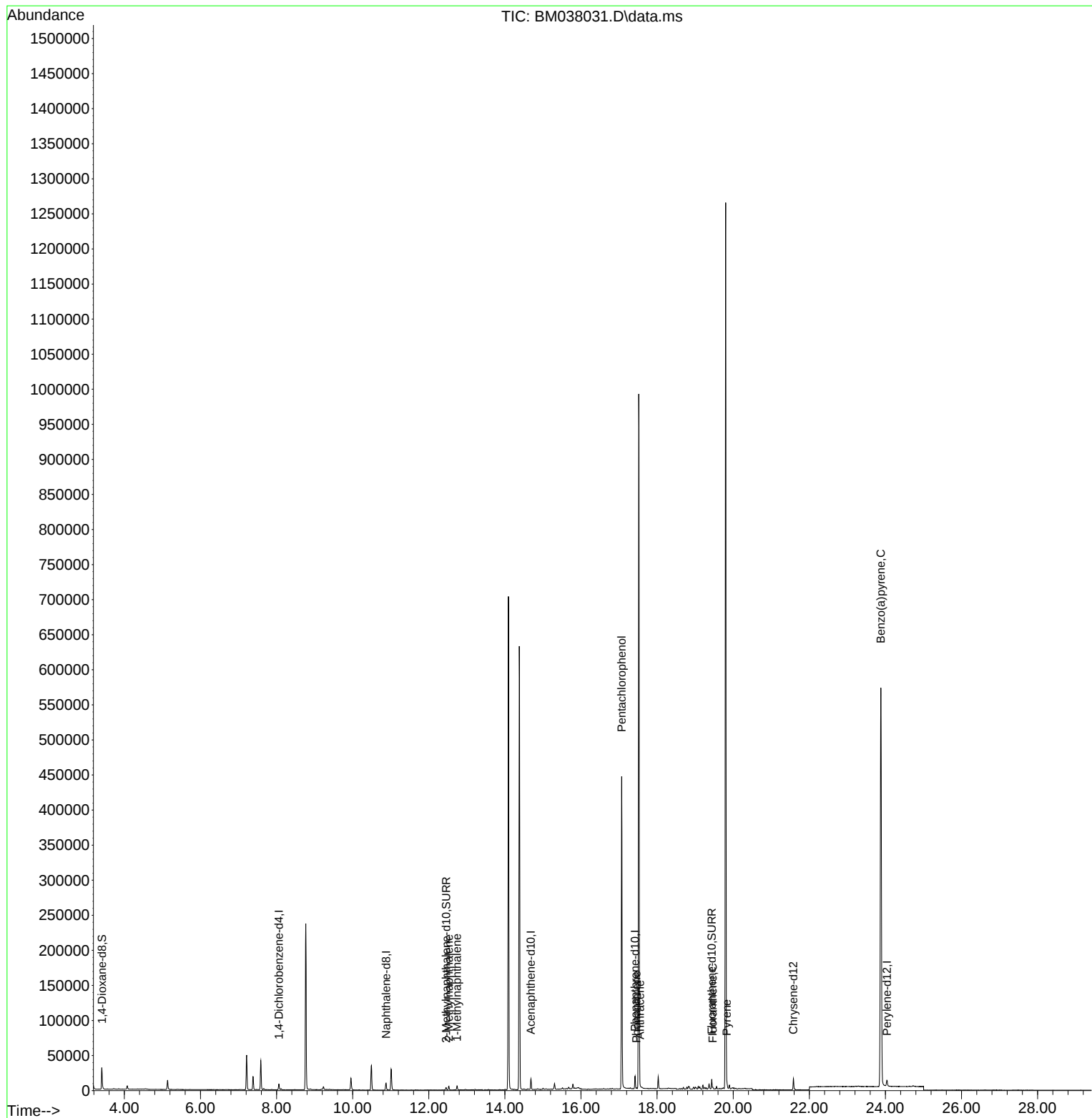
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	13179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	8137	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	18780	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.582	240	13568	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	12227	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	19812	3.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4527	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	12999	0.264	ng/ul	0.00
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	12.528	142	3670	0.150	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	3845	0.153	ng/ul	99
14) Pentachlorophenol	17.071	266	261523	33.633	ng/ul	99
15) Phenanthrene	17.459	178	1331	0.021	ng/ul#	51
16) Anthracene	17.552	178	1295	0.022	ng/ul#	36
19) Fluoranthene	19.464	202	2201	0.031	ng/ul#	67
20) Pyrene	19.831	202	6684	0.093	ng/ul#	78
26) Benzo(a)pyrene	23.880	252	3706	0.076	ng/ul#	24

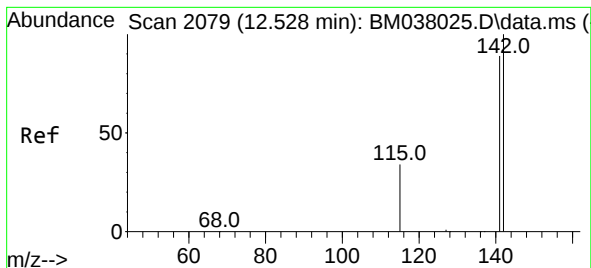
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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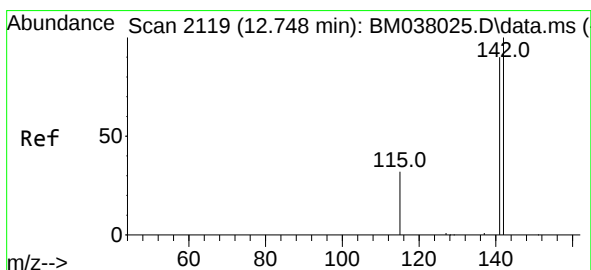
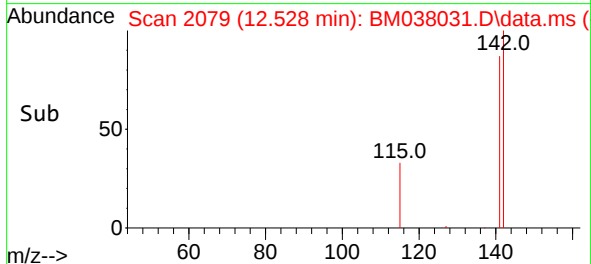
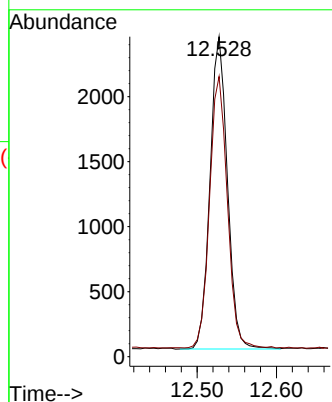
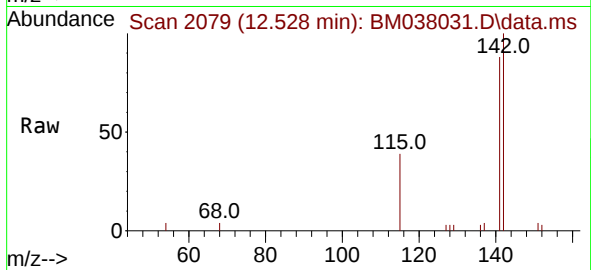




#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.528 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BM038031.D
Acq: 15 Dec 2022 14:36

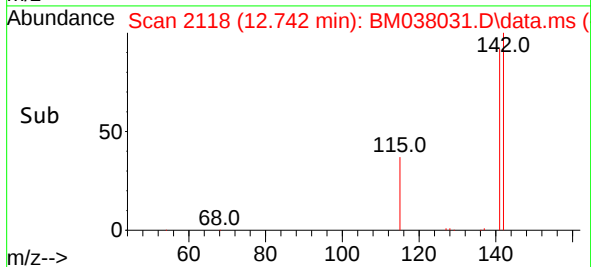
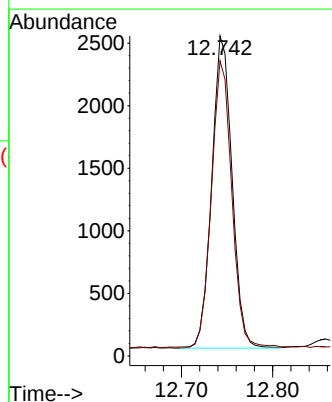
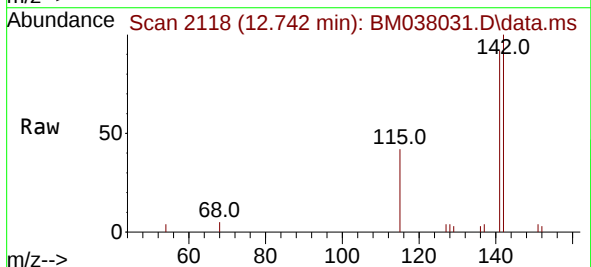
Instrument :
BNA_M
ClientSampleId :
COLB6

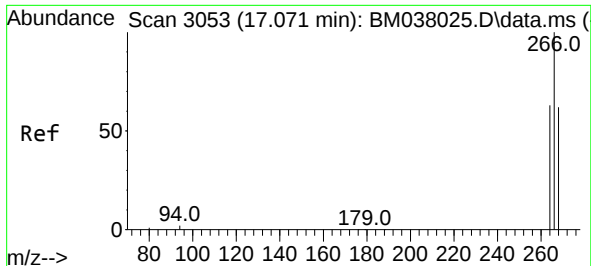
Tgt Ion:142 Resp: 3670
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038031.D
Acq: 15 Dec 2022 14:36

Tgt Ion:142 Resp: 3845
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4

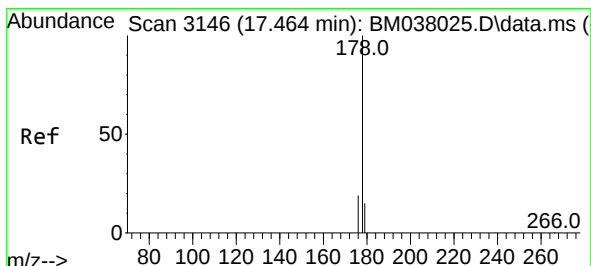
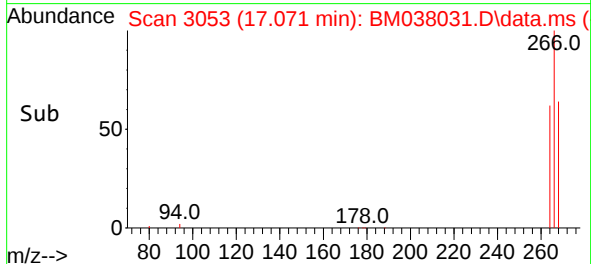
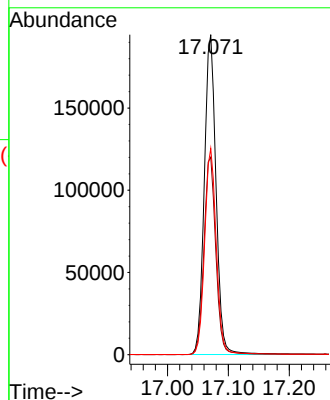
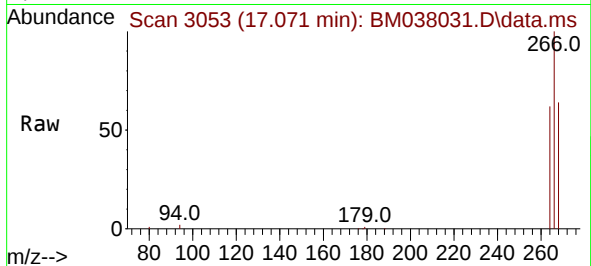




#14
 Pentachlorophenol
 Concen: 33.633 ng/ul
 RT: 17.071 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: BM038031.D
 Acq: 15 Dec 2022 14:36

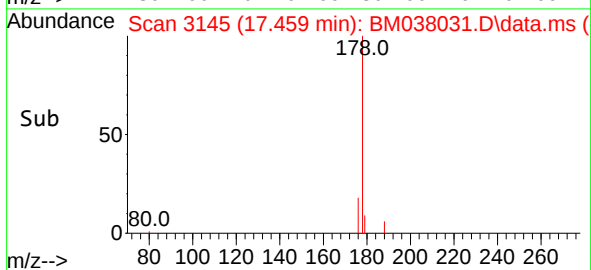
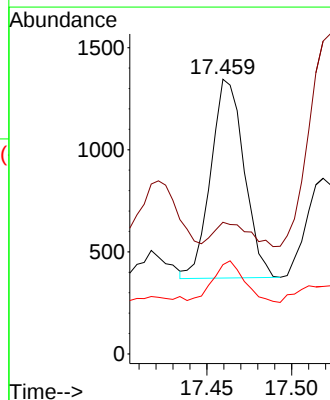
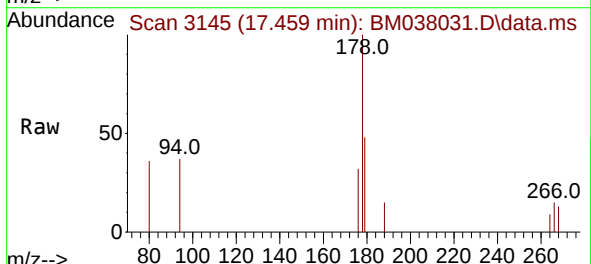
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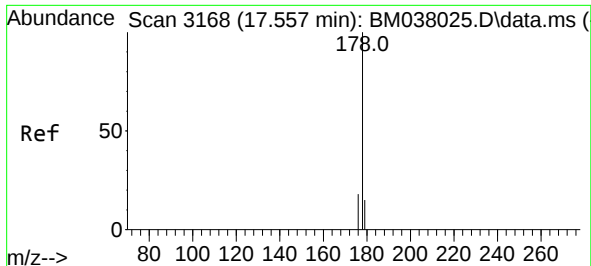
Tgt Ion:266 Resp: 261523
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.9 74.9
 268 64.2 52.0 78.0



#15
 Phenanthrene
 Concen: 0.021 ng/ul
 RT: 17.459 min Scan# 3145
 Delta R.T. -0.004 min
 Lab File: BM038031.D
 Acq: 15 Dec 2022 14:36

Tgt Ion:178 Resp: 1331
 Ion Ratio Lower Upper
 178 100
 179 48.0 12.6 19.0#
 176 32.5 15.8 23.6#

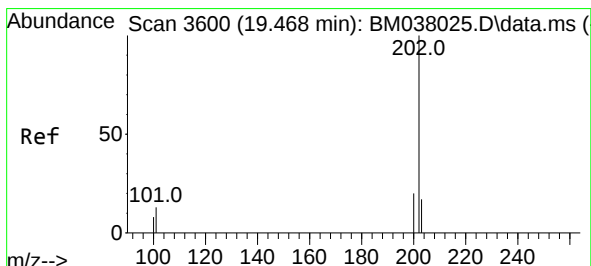
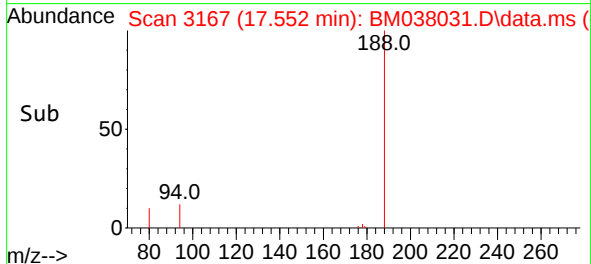
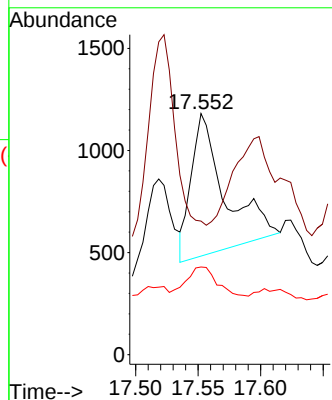
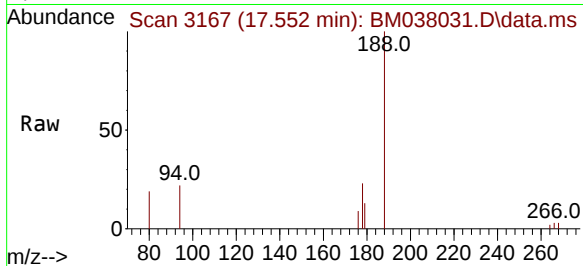




#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038031.D
 Acq: 15 Dec 2022 14:36

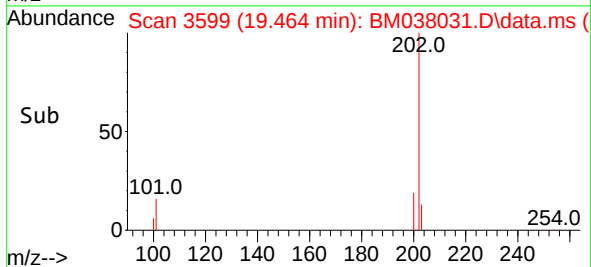
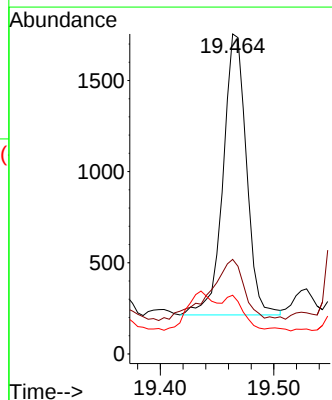
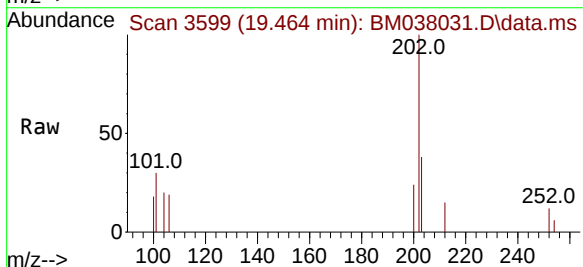
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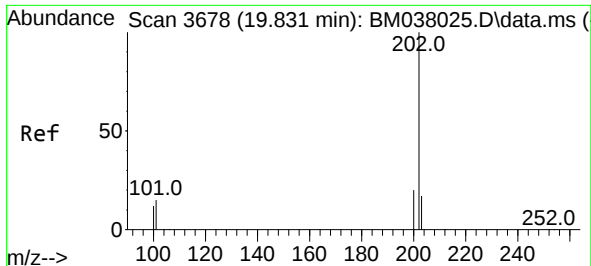
Tgt Ion:178 Resp: 1295
 Ion Ratio Lower Upper
 178 100
 179 55.4 13.0 19.4#
 176 36.3 15.0 22.4#



#19
 Fluoranthene
 Concen: 0.031 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038031.D
 Acq: 15 Dec 2022 14:36

Tgt Ion:202 Resp: 2201
 Ion Ratio Lower Upper
 202 100
 101 29.5 10.6 15.8#
 100 18.3 7.9 11.9#

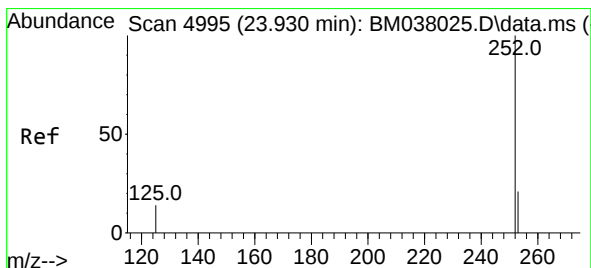
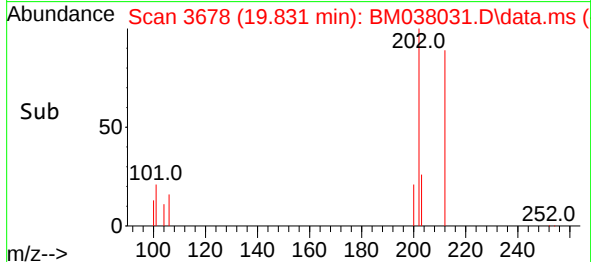
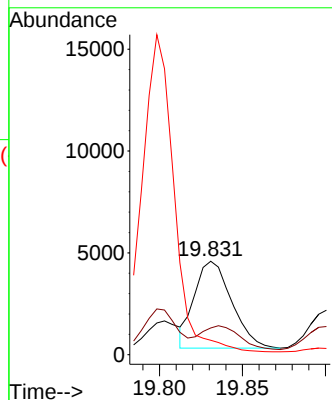
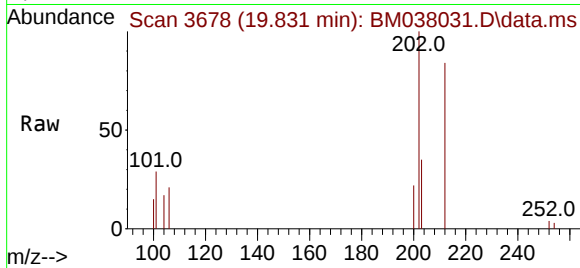




#20
Pyrene
Concen: 0.093 ng/u1
RT: 19.831 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038031.D
Acq: 15 Dec 2022 14:36

Instrument :
BNA_M
ClientSampleId :
COLB6

Tgt Ion:202 Resp: 6684
Ion Ratio Lower Upper
202 100
101 28.6 12.1 18.1#
100 15.4 9.8 14.6#



#26
Benzo(a)pyrene
Concen: 0.076 ng/u1
RT: 23.880 min Scan# 4978
Delta R.T. -0.050 min
Lab File: BM038031.D
Acq: 15 Dec 2022 14:36

Tgt Ion:252 Resp: 3706
Ion Ratio Lower Upper
252 100
253 54.4 21.9 32.9#
125 77.5 20.7 31.1#

