

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041872.D
 Acq On : 14 Sep 2023 20:02
 Operator : MA/JU
 Sample : 04175-05DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYX0DL

Quant Time: Sep 15 00:30:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

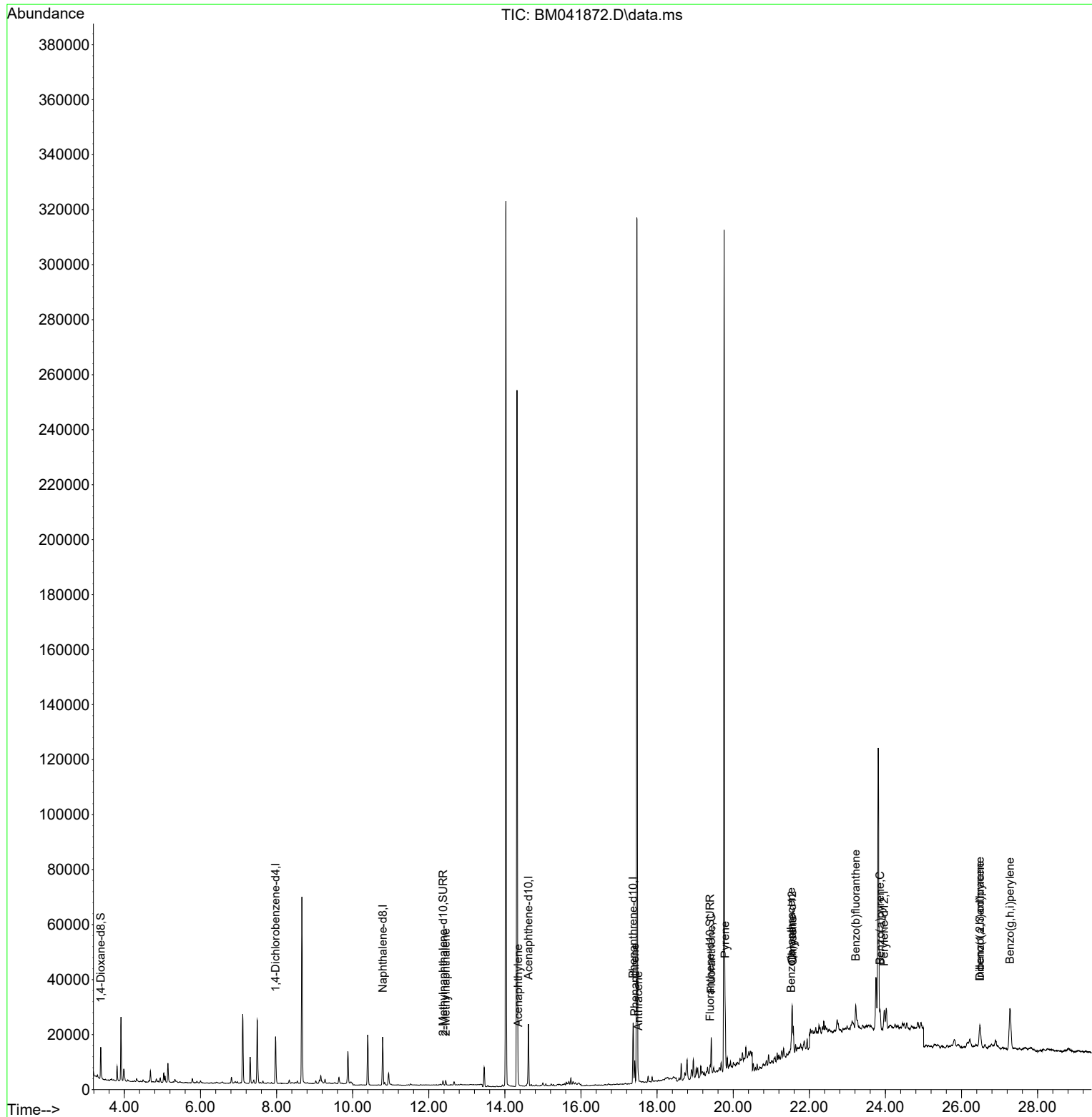
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8326	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	11458	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23404	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	9214	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	9495	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	6803	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1946	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	2956	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.445	142	1148	0.025	ng/ul	96
10) Acenaphthylene	14.347	152	2113	0.029	ng/ul#	78
15) Phenanthrene	17.413	178	8592	0.084	ng/ul#	92
16) Anthracene	17.506	178	2007	0.023	ng/ul#	69
19) Fluoranthene	19.422	202	11210	0.157	ng/ul#	94
20) Pyrene	19.789	202	18598	0.249	ng/ul#	94
21) Benzo(a)anthracene	21.524	228	4449	0.073	ng/ul#	20
22) Chrysene	21.556	228	7287	0.117	ng/ul#	57
24) Benzo(b)fluoranthene	23.222	252	14293	0.212	ng/ul#	1
26) Benzo(a)pyrene	23.860	252	10241	0.199	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	13787	0.174	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.481	278	4896	0.084	ng/ul#	1
29) Benzo(g,h,i)perylene	27.276	276	32655	0.487	ng/ul#	74

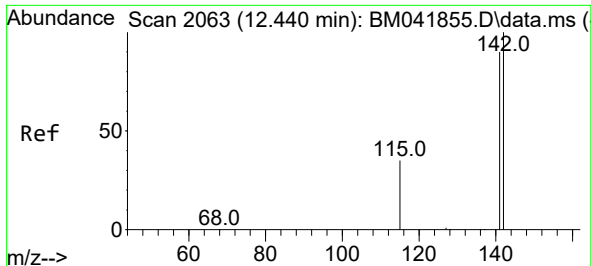
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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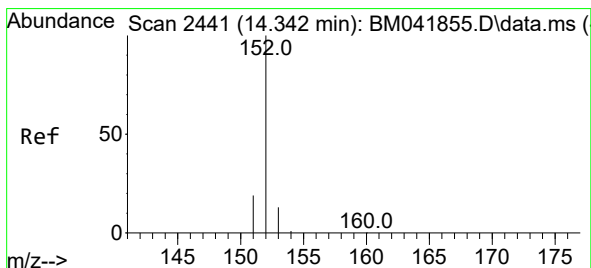
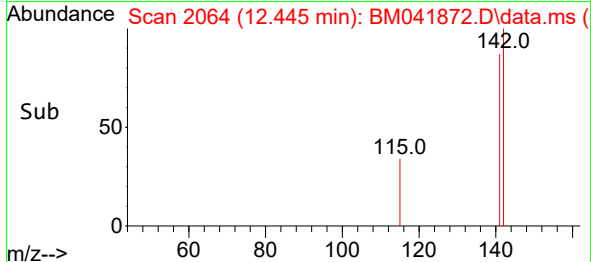
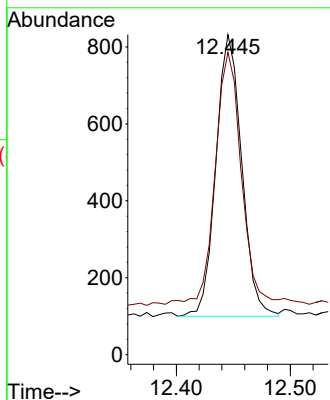
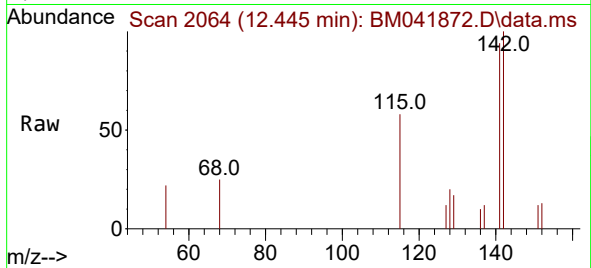




#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

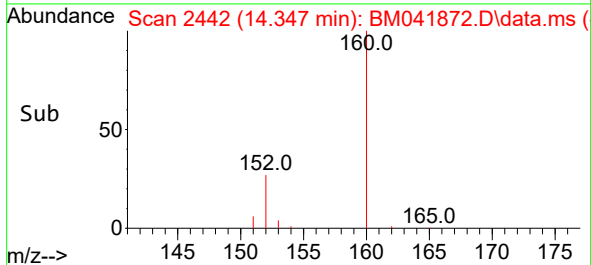
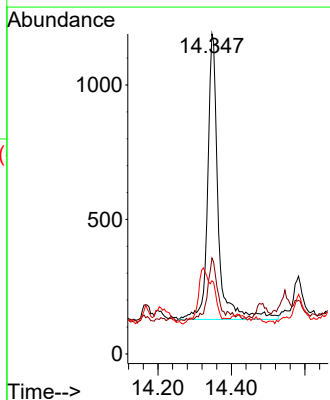
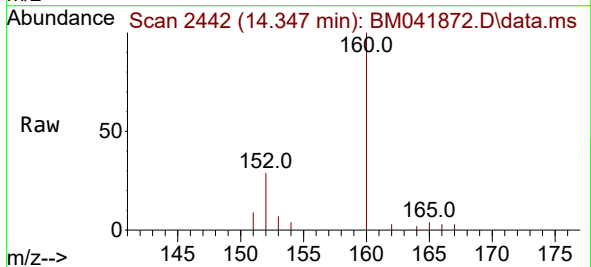
Instrument :
BNA_M
ClientSampleId :
EZYX0DL

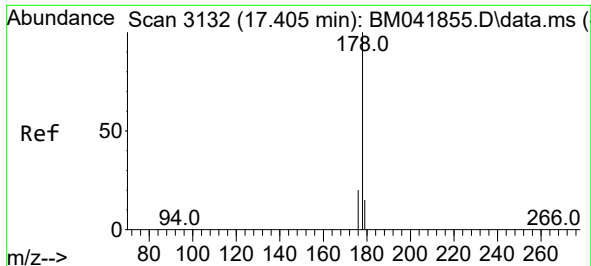
Tgt Ion:142 Resp: 1148
Ion Ratio Lower Upper
142 100
141 93.6 72.1 108.1



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

Tgt Ion:152 Resp: 2113
Ion Ratio Lower Upper
152 100
151 29.9 16.3 24.5#
153 22.9 10.9 16.3#

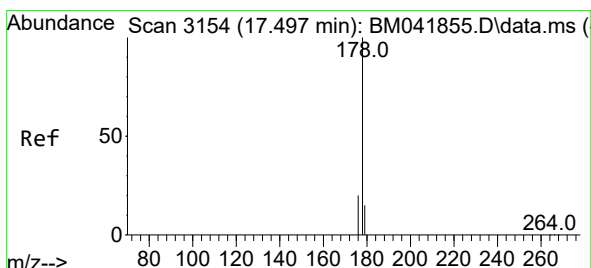
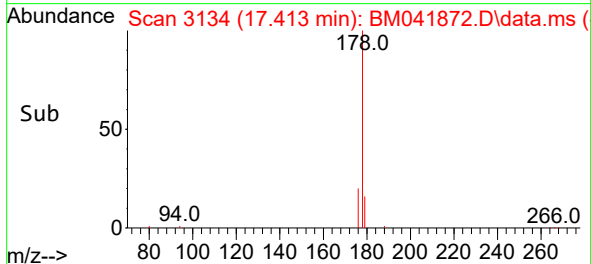
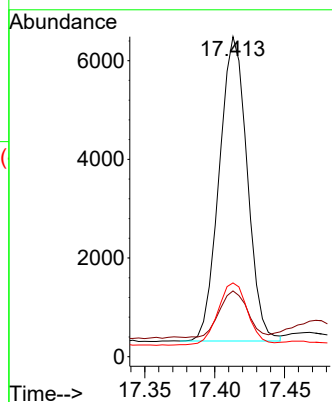
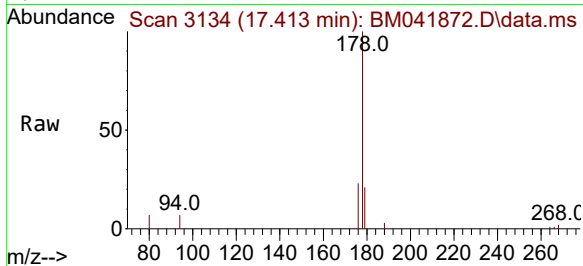




#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.413 min Scan# 3132
Delta R.T. 0.004 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

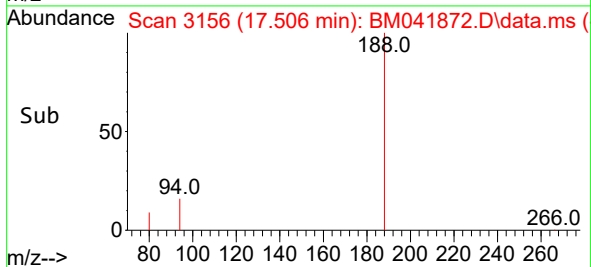
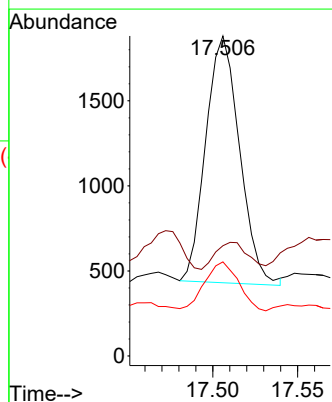
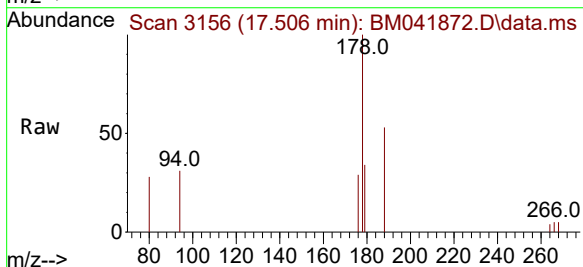
Instrument :
BNA_M
ClientSampleId :
EZYX0DL

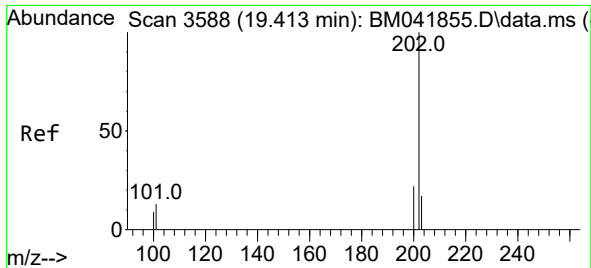
Tgt Ion:178 Resp: 8592
Ion Ratio Lower Upper
178 100
179 20.5 12.6 19.0#
176 23.1 16.6 25.0



#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

Tgt Ion:178 Resp: 2007
Ion Ratio Lower Upper
178 100
179 34.4 12.7 19.1#
176 29.4 16.1 24.1#

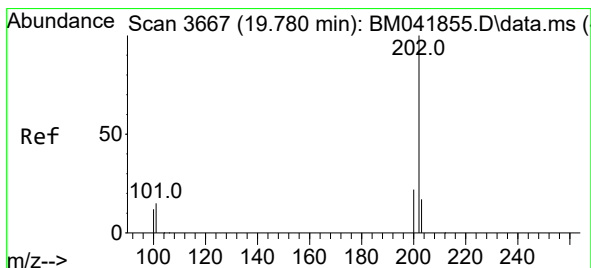
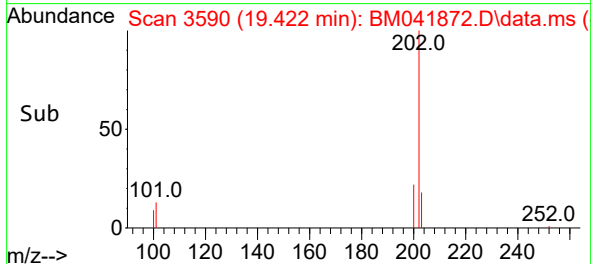
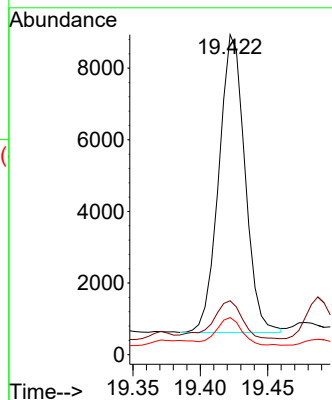
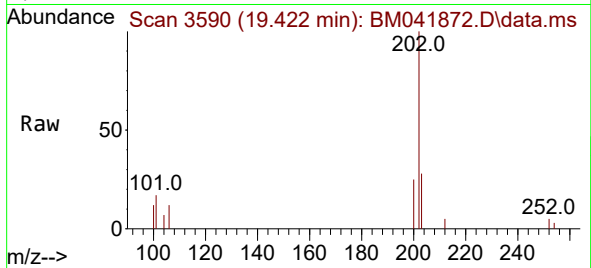




#19
Fluoranthene
Concen: 0.157 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

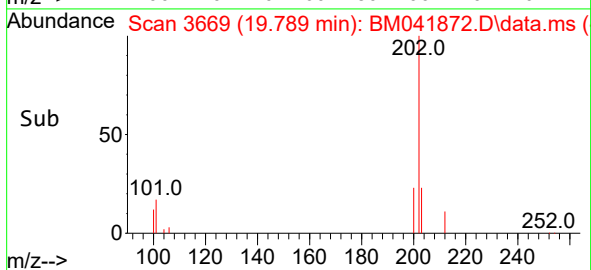
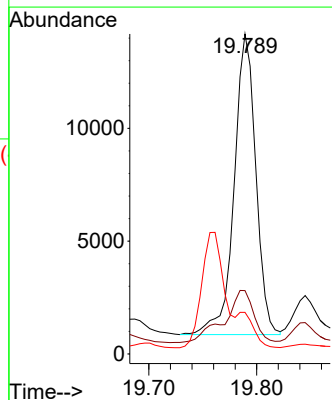
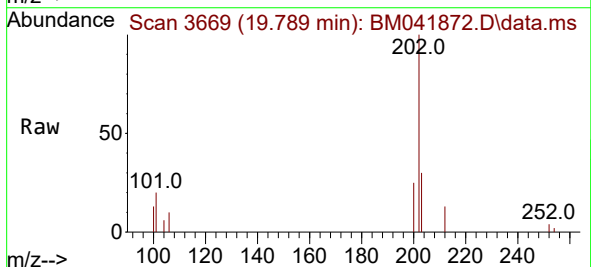
Instrument :
BNA_M
ClientSampleId :
EZYX0DL

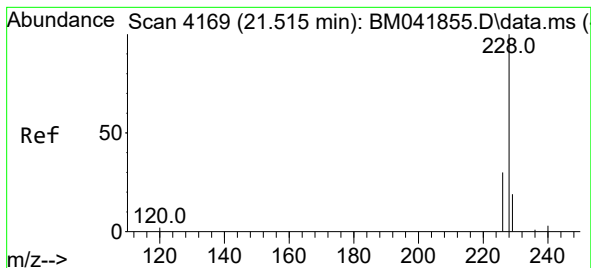
Tgt Ion:202 Resp: 11210
Ion Ratio Lower Upper
202 100
101 16.9 11.0 16.6#
100 11.6 8.2 12.4



#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

Tgt Ion:202 Resp: 18598
Ion Ratio Lower Upper
202 100
101 19.8 12.6 19.0#
100 13.0 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.073 ng/uI

RT: 21.524 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041872.D

Acq: 14 Sep 2023 20:02

Instrument :

BNA_M

ClientSampleId :

EZYX0DL

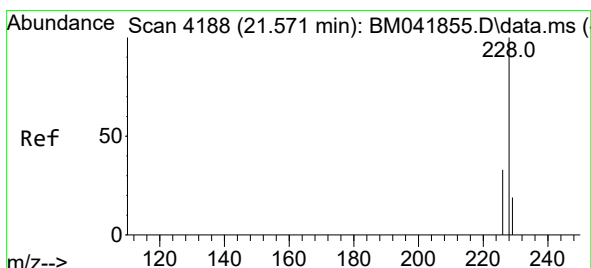
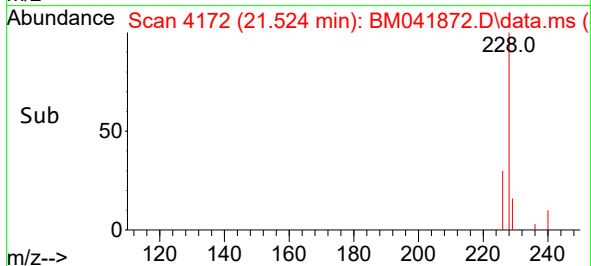
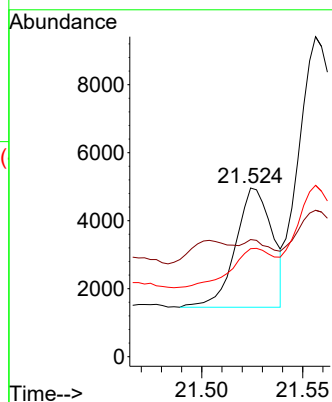
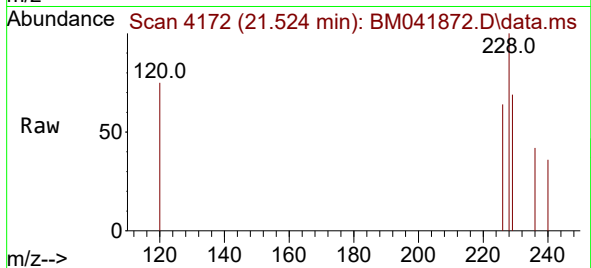
Tgt Ion:228 Resp: 4449

Ion Ratio Lower Upper

228 100

229 69.5 15.8 23.8#

226 64.1 24.3 36.5#



#22

Chrysene

Concen: 0.117 ng/uI

RT: 21.556 min Scan# 4183

Delta R.T. -0.020 min

Lab File: BM041872.D

Acq: 14 Sep 2023 20:02

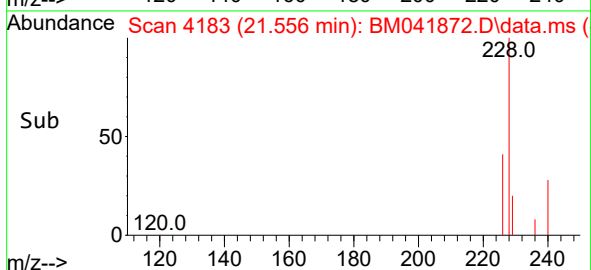
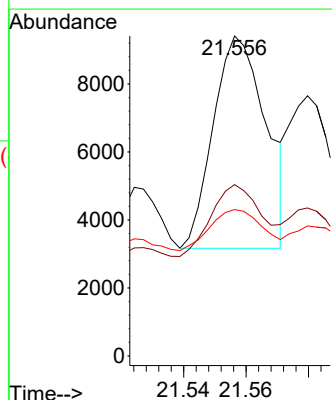
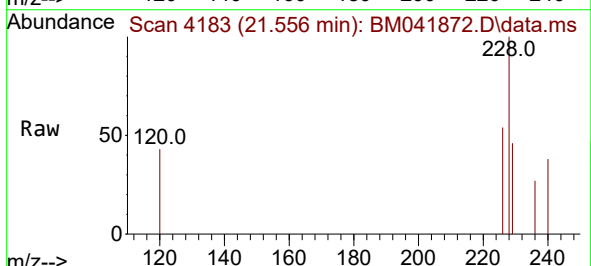
Tgt Ion:228 Resp: 7287

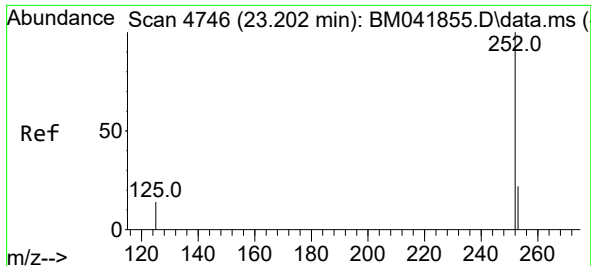
Ion Ratio Lower Upper

228 100

226 53.6 27.0 40.4#

229 45.8 15.7 23.5#

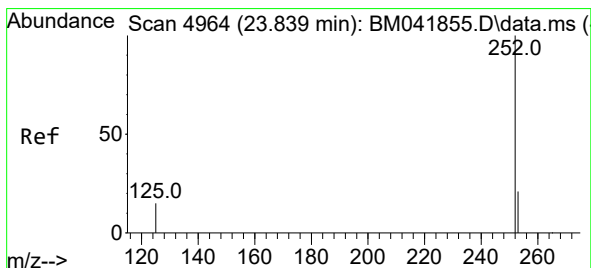
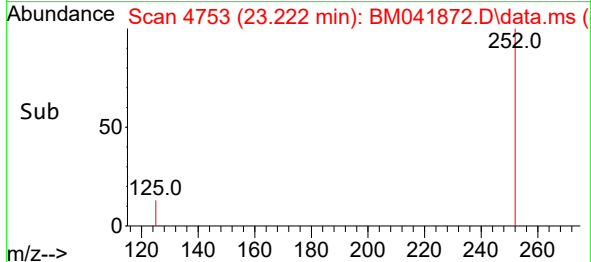
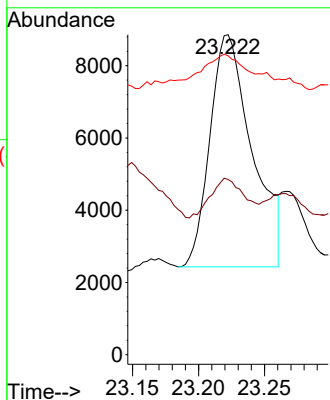
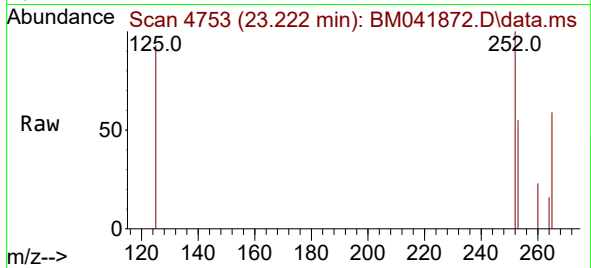




#24
Benzo(b)fluoranthene
Concen: 0.212 ng/ul
RT: 23.222 min Scan# 41
Delta R.T. 0.015 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

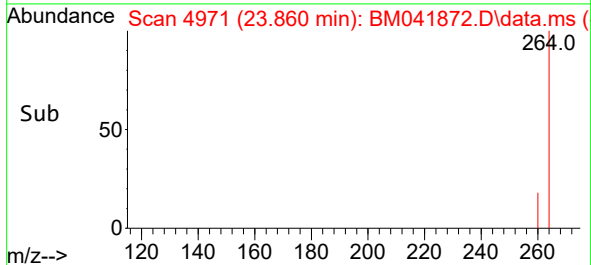
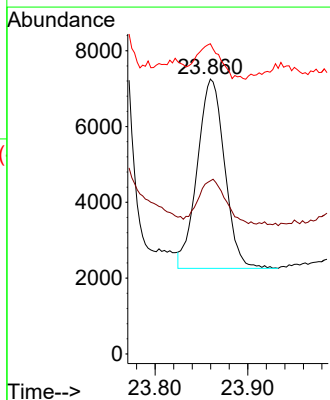
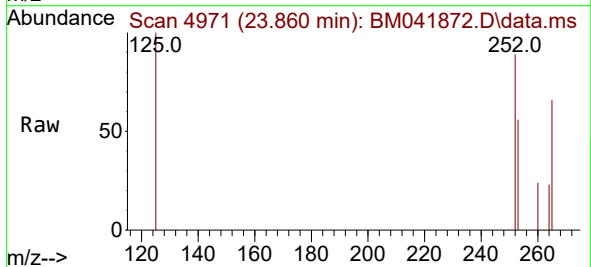
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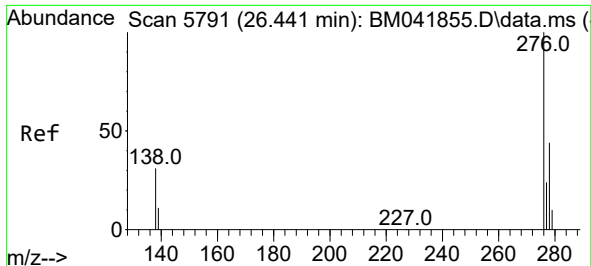
Tgt Ion:252 Resp: 14293
Ion Ratio Lower Upper
252 100
253 54.7 0.0 51.0#
125 93.4 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.860 min Scan# 4971
Delta R.T. 0.015 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

Tgt Ion:252 Resp: 10241
Ion Ratio Lower Upper
252 100
253 63.0 21.8 32.8#
125 112.9 18.8 28.2#

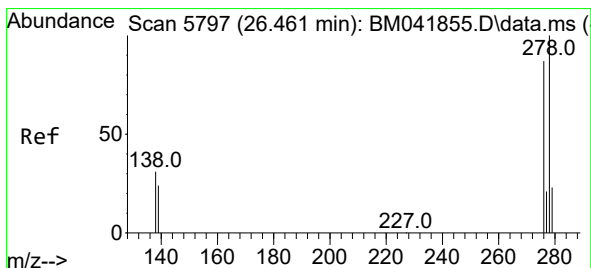
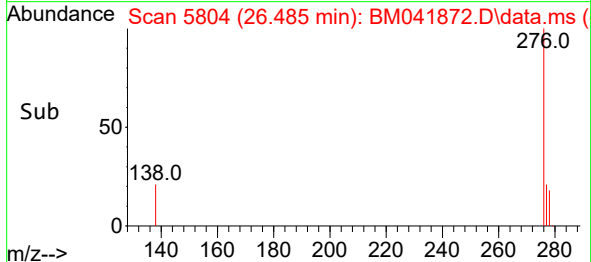
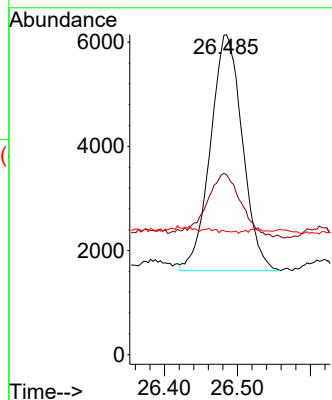
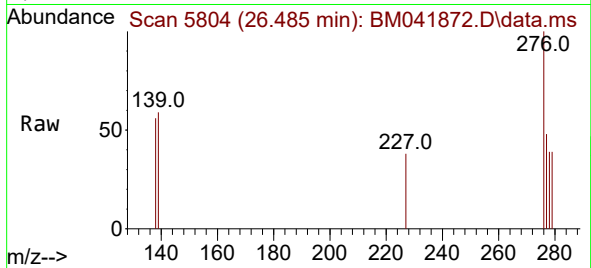




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.174 ng/ul
 RT: 26.485 min Scan# 5804
 Delta R.T. 0.030 min
 Lab File: BM041872.D
 Acq: 14 Sep 2023 20:02

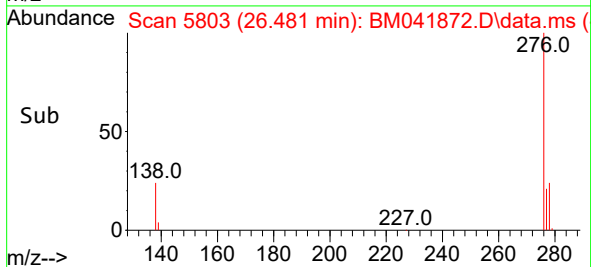
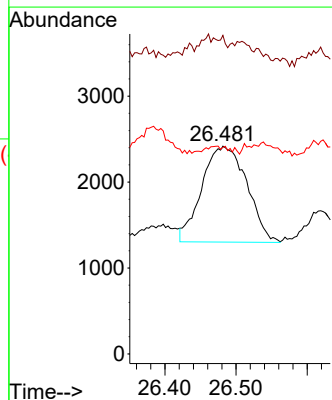
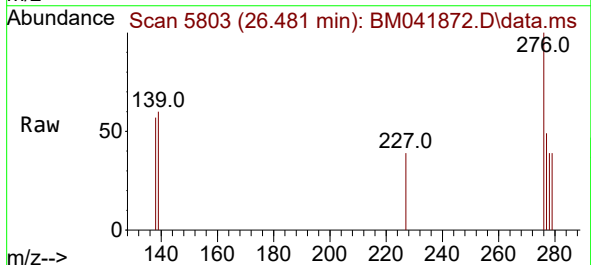
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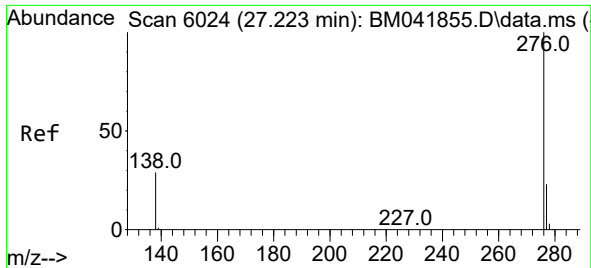
Tgt Ion:276 Resp: 13787
 Ion Ratio Lower Upper
 276 100
 138 31.1 27.7 41.5
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.084 ng/ul
 RT: 26.481 min Scan# 5803
 Delta R.T. 0.007 min
 Lab File: BM041872.D
 Acq: 14 Sep 2023 20:02

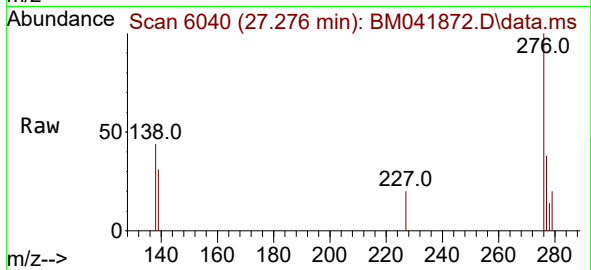
Tgt Ion:278 Resp: 4896
 Ion Ratio Lower Upper
 278 100
 139 153.3 20.9 31.3#
 279 99.4 20.3 30.5#





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.276 min Scan# 6040
Delta R.T. 0.040 min
Lab File: BM041872.D
Acq: 14 Sep 2023 20:02

Instrument :
BNA_M
ClientSampleId :
EZYX0DL



Tgt Ion:276 Resp: 32655
Ion Ratio Lower Upper
276 100
138 44.4 24.7 37.1#
277 37.6 19.3 28.9#

