

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041876.D
 Acq On : 14 Sep 2023 22:30
 Operator : MA/JU
 Sample : 04175-14DL 50X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYC9DL

Quant Time: Sep 15 00:31:06 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)

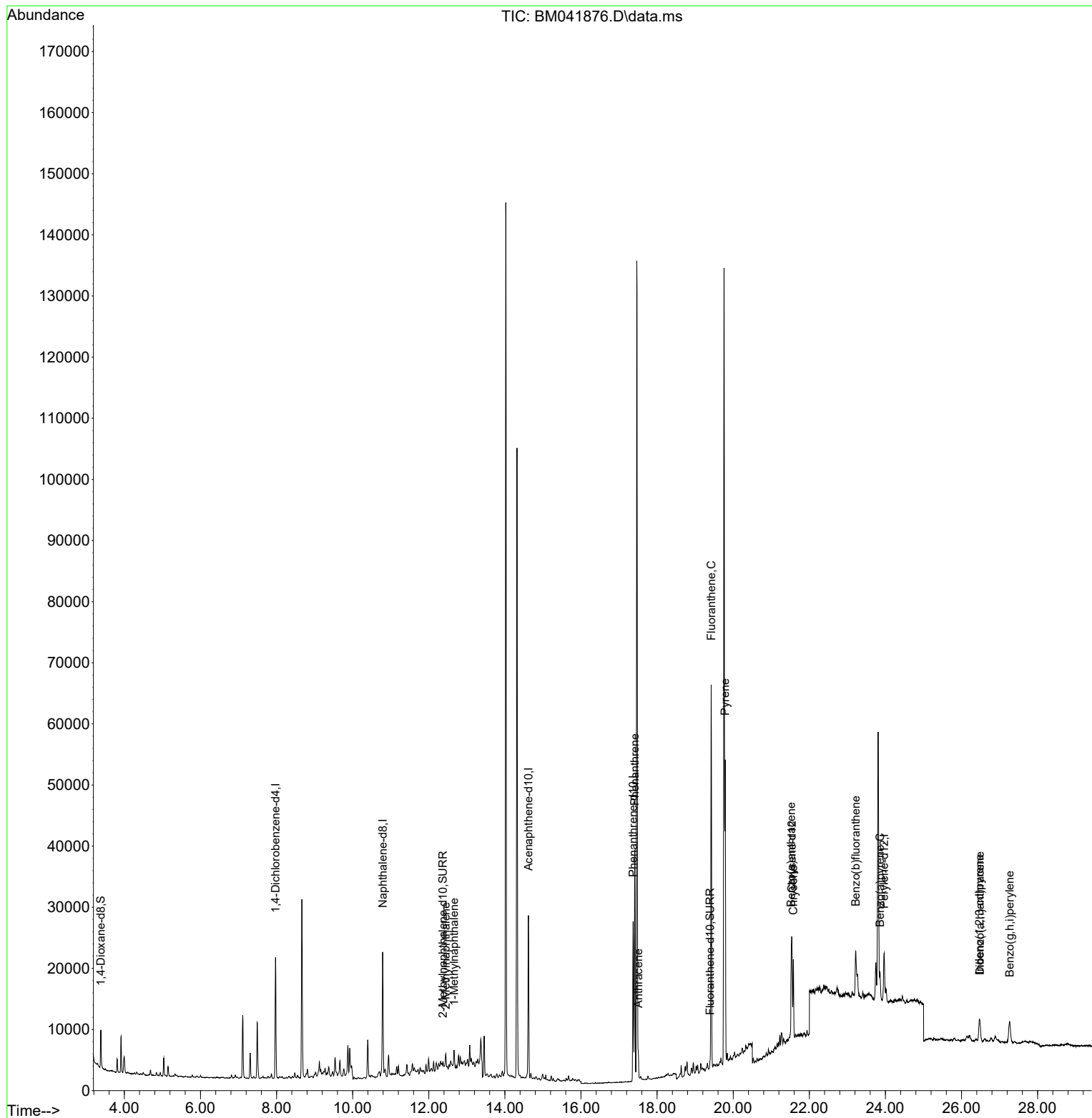
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	9656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	26346	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	13778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	27233	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	10875	0.400	ng/ul	# 0.00
23) Perylene-d12	23.968	264	10386	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3715	0.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	1149	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	1280	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.445	142	1667	0.031	ng/ul	95
8) 1-Methylnaphthalene	12.665	142	1676	0.031	ng/ul	100
15) Phenanthrene	17.413	178	39216	0.330	ng/ul	99
16) Anthracene	17.506	178	4070	0.039	ng/ul#	89
19) Fluoranthene	19.422	202	49978	0.593	ng/ul	99
20) Pyrene	19.789	202	38578	0.437	ng/ul	99
21) Benzo(a)anthracene	21.524	228	11103	0.155	ng/ul#	77
22) Chrysene	21.580	228	13381	0.182	ng/ul#	75
24) Benzo(b)fluoranthene	23.219	252	12748	0.172	ng/ul#	5
26) Benzo(a)pyrene	23.857	252	6549	0.116	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.471	276	6431	0.074	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.481	278	1787	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.263	276	7346	0.100	ng/ul#	47

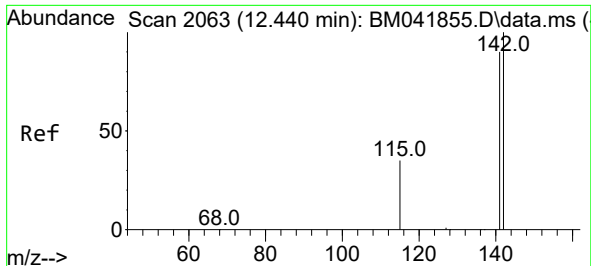
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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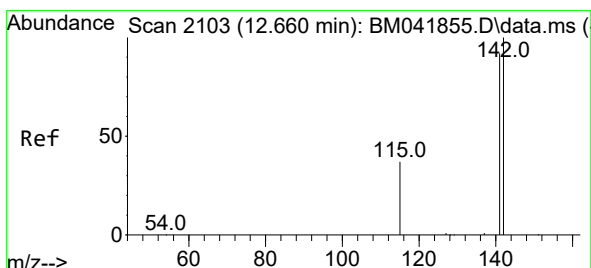
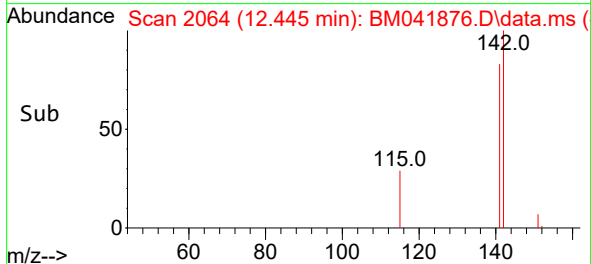
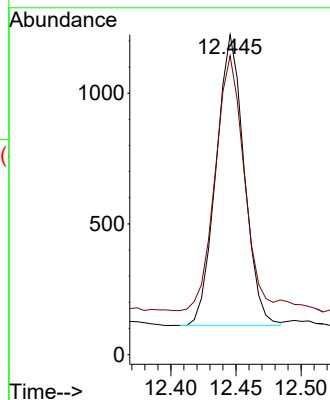
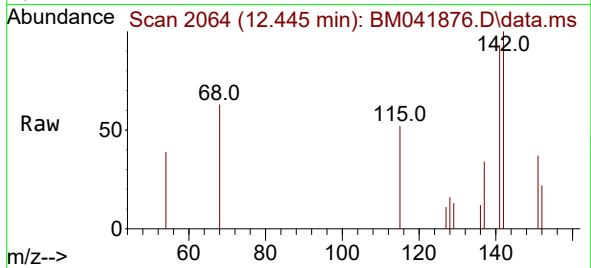




#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.445 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

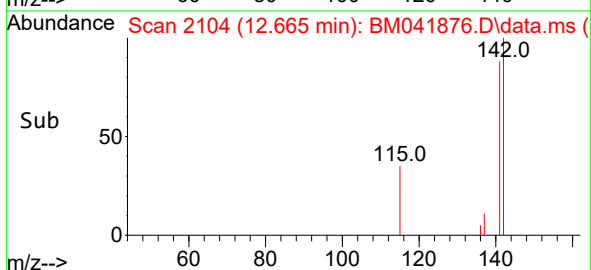
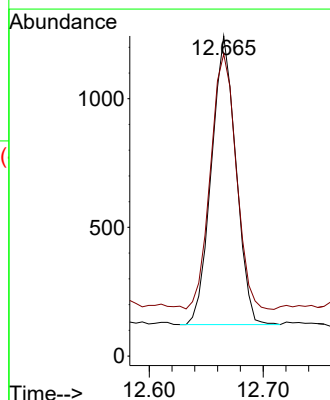
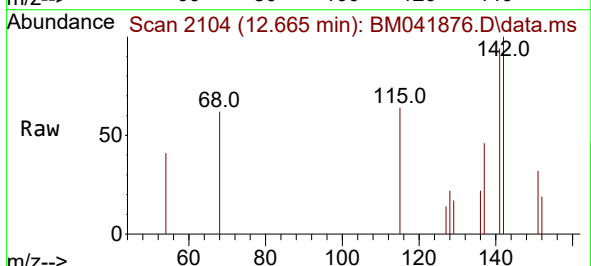
Instrument :
BNA_M
ClientSampleId :
EZYC9DL

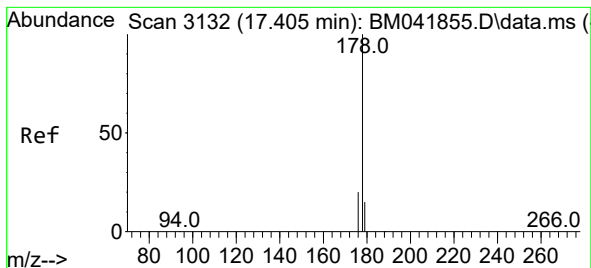
Tgt Ion:142 Resp: 1667
Ion Ratio Lower Upper
142 100
141 94.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

Tgt Ion:142 Resp: 1676
Ion Ratio Lower Upper
142 100
141 92.5 74.3 111.5





#15

Phenanthrene

Concen: 0.330 ng/ul

RT: 17.413 min Scan# 3132

Delta R.T. 0.004 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

Instrument :

BNA_M

ClientSampleId :

EZYC9DL

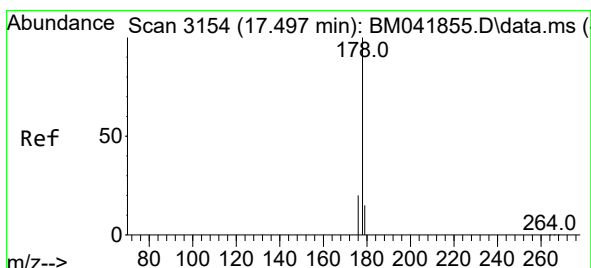
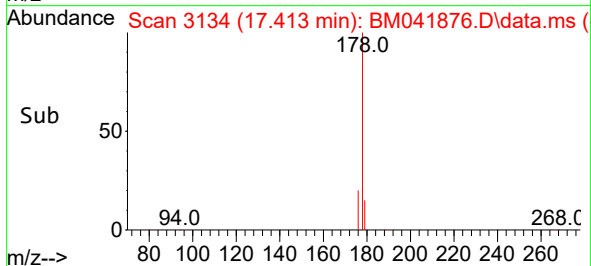
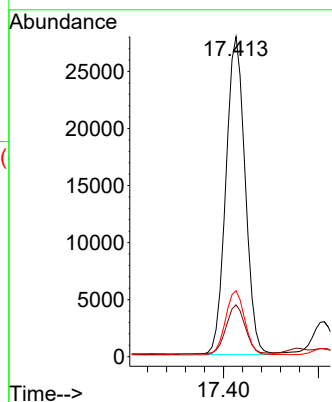
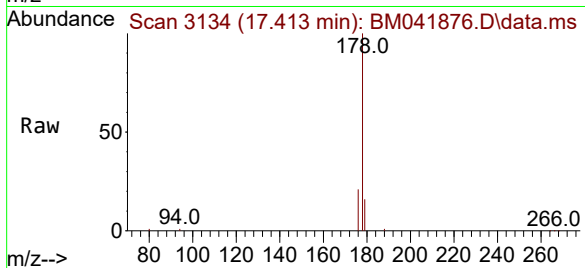
Tgt Ion:178 Resp: 39216

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 20.6 16.6 25.0



#16

Anthracene

Concen: 0.039 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. 0.004 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

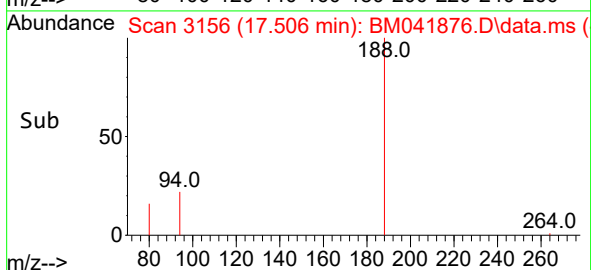
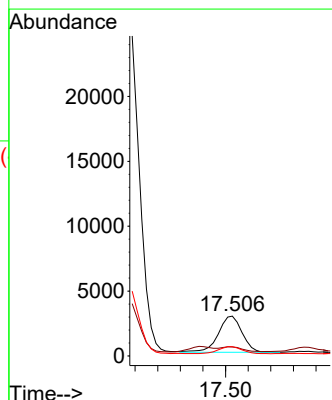
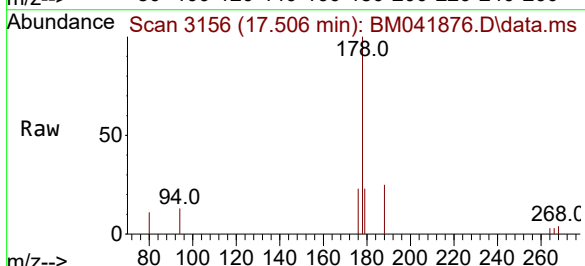
Tgt Ion:178 Resp: 4070

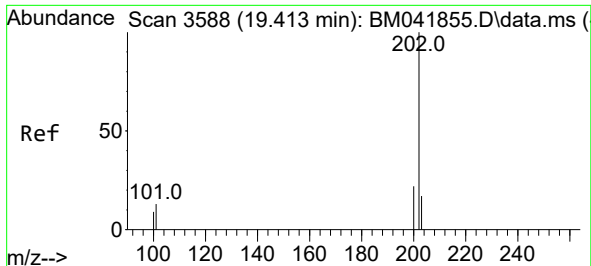
Ion Ratio Lower Upper

178 100

179 22.6 12.7 19.1#

176 23.1 16.1 24.1

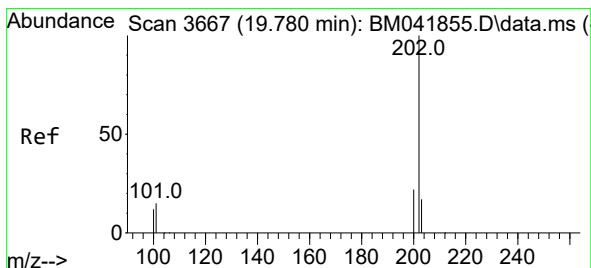
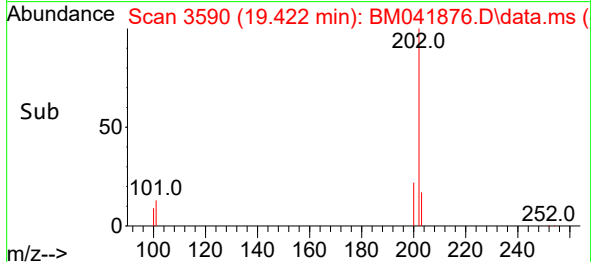
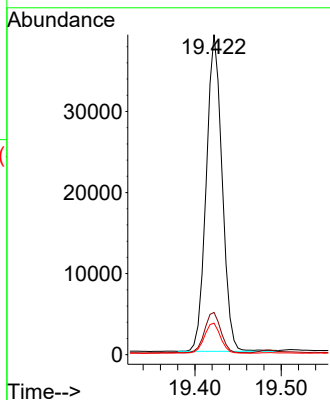
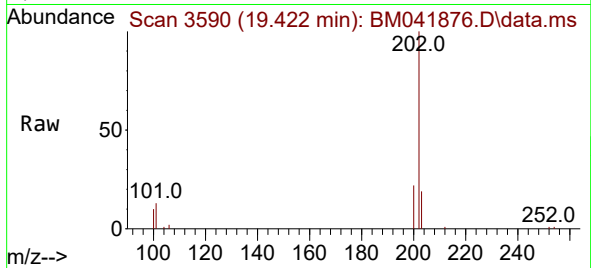




#19
Fluoranthene
Concen: 0.593 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. 0.005 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

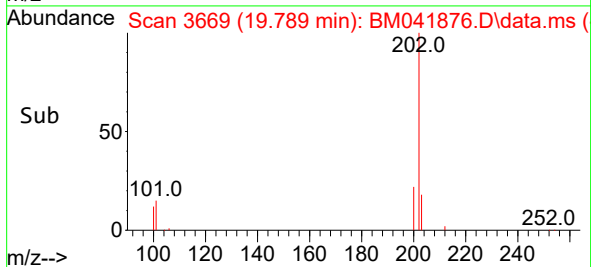
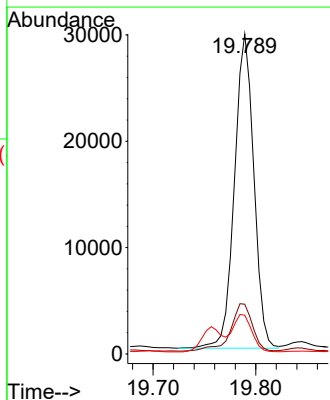
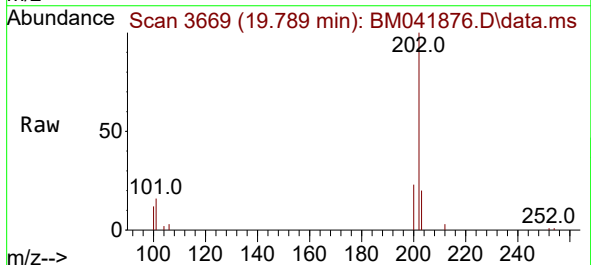
Instrument :
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ClientSampleId :
EZYC9DL

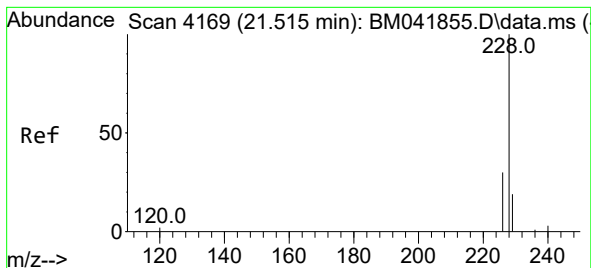
Tgt Ion:202 Resp: 49978
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 9.9 8.2 12.4



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

Tgt Ion:202 Resp: 38578
Ion Ratio Lower Upper
202 100
101 15.6 12.6 19.0
100 12.1 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.155 ng/ul

RT: 21.524 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

Instrument :

BNA_M

ClientSampleId :

EZYC9DL

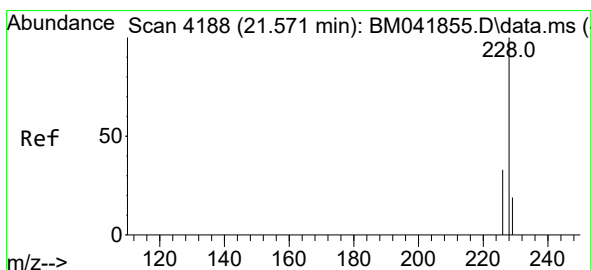
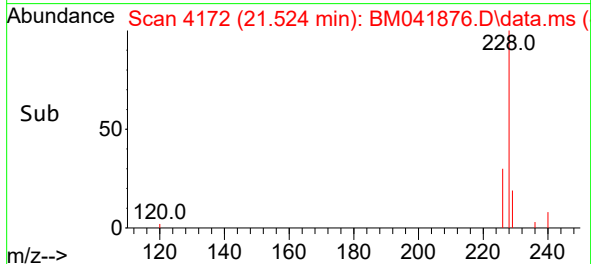
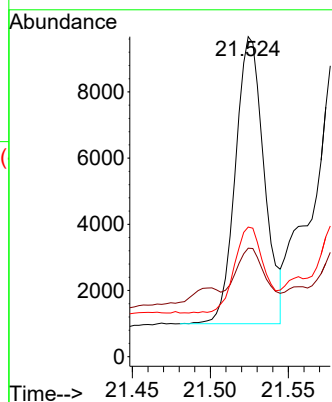
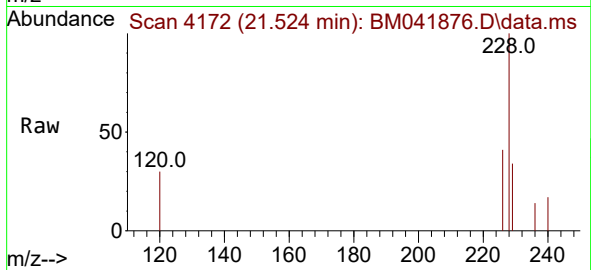
Tgt Ion:228 Resp: 11103

Ion Ratio Lower Upper

228 100

229 33.9 15.8 23.8#

226 40.5 24.3 36.5#



#22

Chrysene

Concen: 0.182 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. 0.003 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

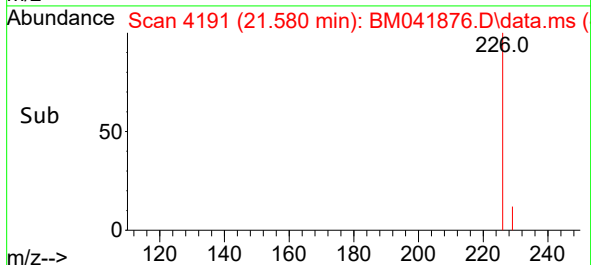
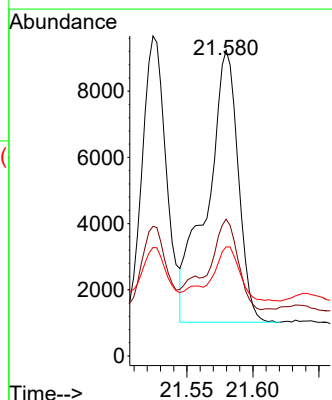
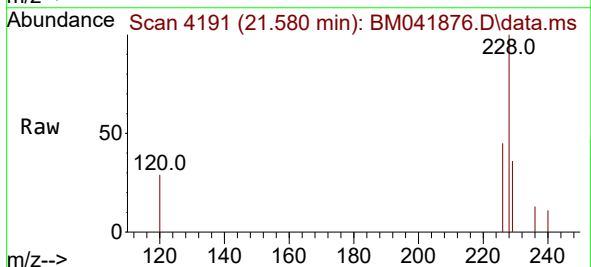
Tgt Ion:228 Resp: 13381

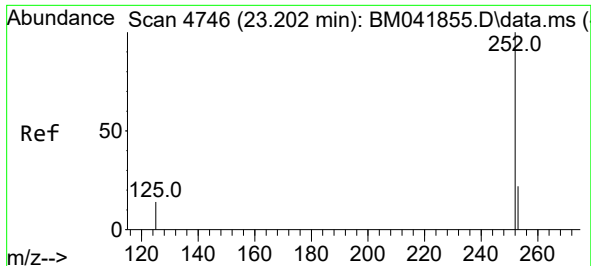
Ion Ratio Lower Upper

228 100

226 44.8 27.0 40.4#

229 35.7 15.7 23.5#

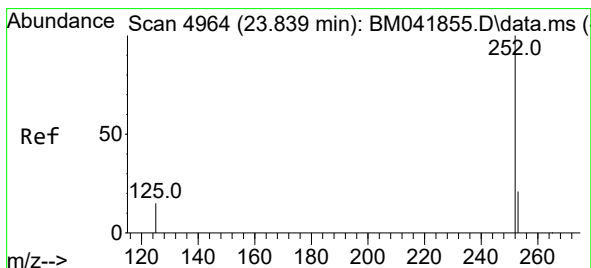
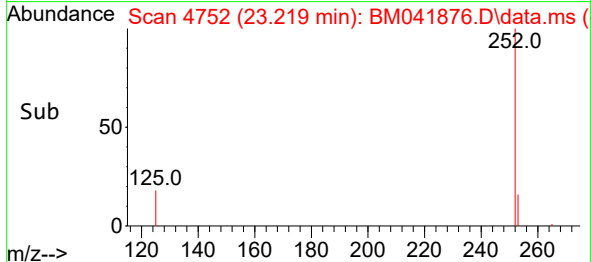
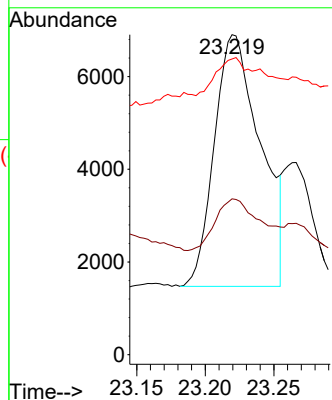
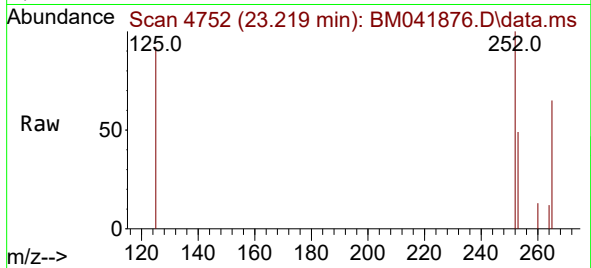




#24
Benzo(b)fluoranthene
Concen: 0.172 ng/ul
RT: 23.219 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

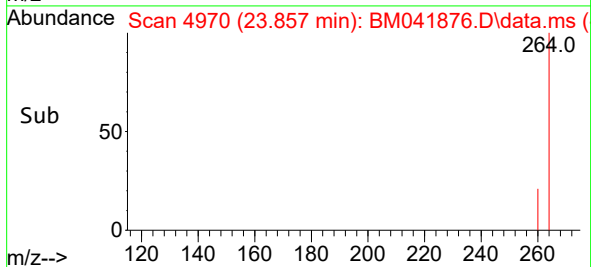
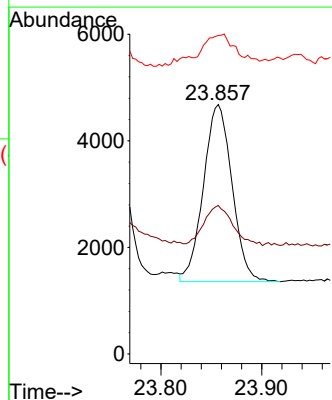
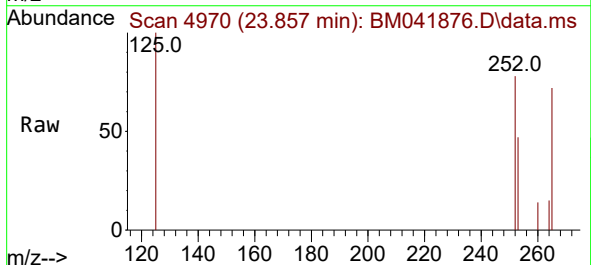
Instrument :
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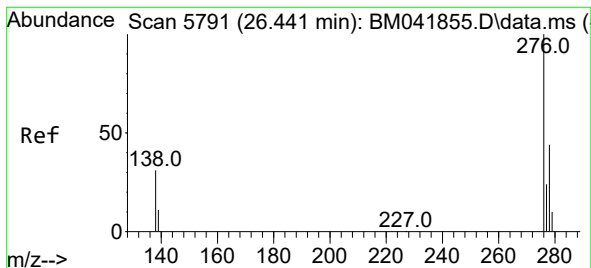
Tgt Ion:252 Resp: 12748
Ion Ratio Lower Upper
252 100
253 48.7 0.0 51.0
125 92.4 0.0 39.8#



#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 23.857 min Scan# 4970
Delta R.T. 0.012 min
Lab File: BM041876.D
Acq: 14 Sep 2023 22:30

Tgt Ion:252 Resp: 6549
Ion Ratio Lower Upper
252 100
253 59.5 21.8 32.8#
125 127.7 18.8 28.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. 0.017 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

Instrument :

BNA_M

ClientSampleId :

EZYC9DL

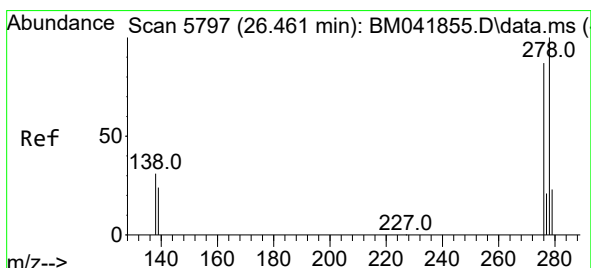
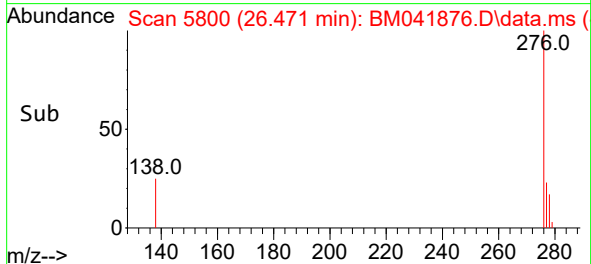
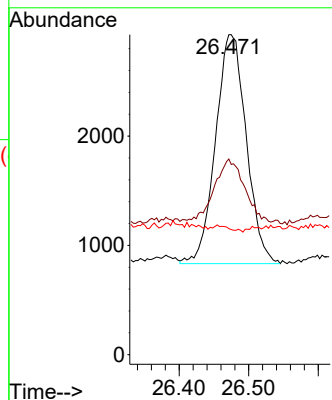
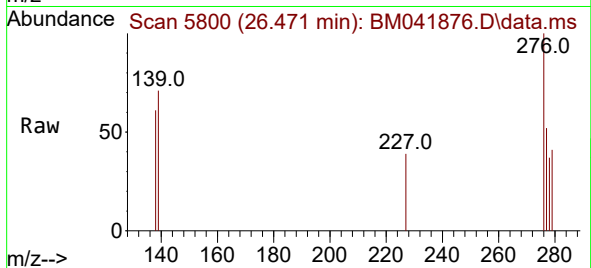
Tgt Ion:276 Resp: 6431

Ion Ratio Lower Upper

276 100

138 27.4 27.7 41.5#

227 1.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.481 min Scan# 5803

Delta R.T. 0.007 min

Lab File: BM041876.D

Acq: 14 Sep 2023 22:30

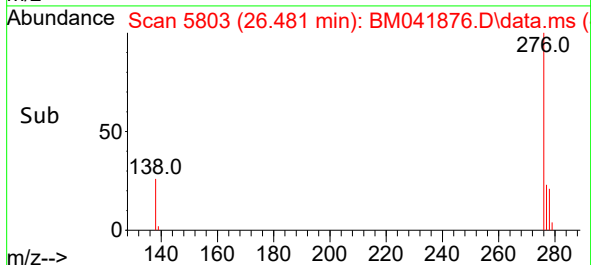
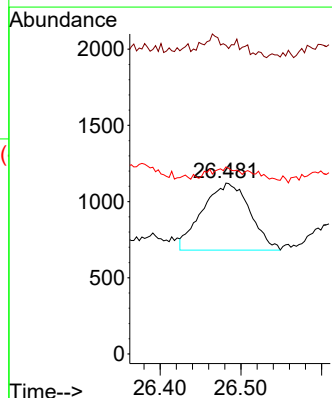
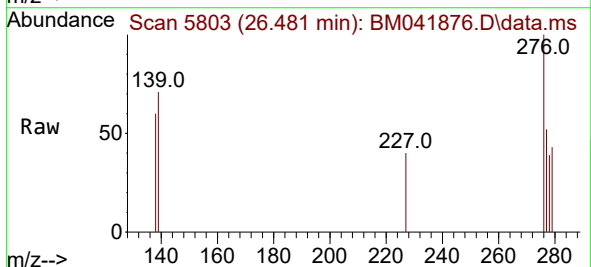
Tgt Ion:278 Resp: 1787

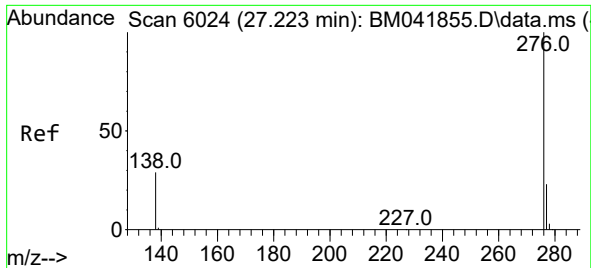
Ion Ratio Lower Upper

278 100

139 180.7 20.9 31.3#

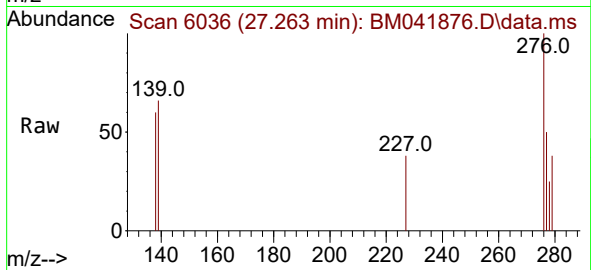
279 109.5 20.3 30.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.100 ng/ul
 RT: 27.263 min Scan# 60
 Delta R.T. 0.027 min
 Lab File: BM041876.D
 Acq: 14 Sep 2023 22:30

Instrument :
 BNA_M
 ClientSampleId :
 EZYC9DL



Tgt Ion:276 Resp: 7346
 Ion Ratio Lower Upper
 276 100
 138 60.5 24.7 37.1#
 277 50.3 19.3 28.9#

