

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
 Data File : BM041887.D
 Acq On : 15 Sep 2023 15:37
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV035

Quant Time: Sep 16 03:50:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 03:49:33 2023
 Response via : Initial Calibration

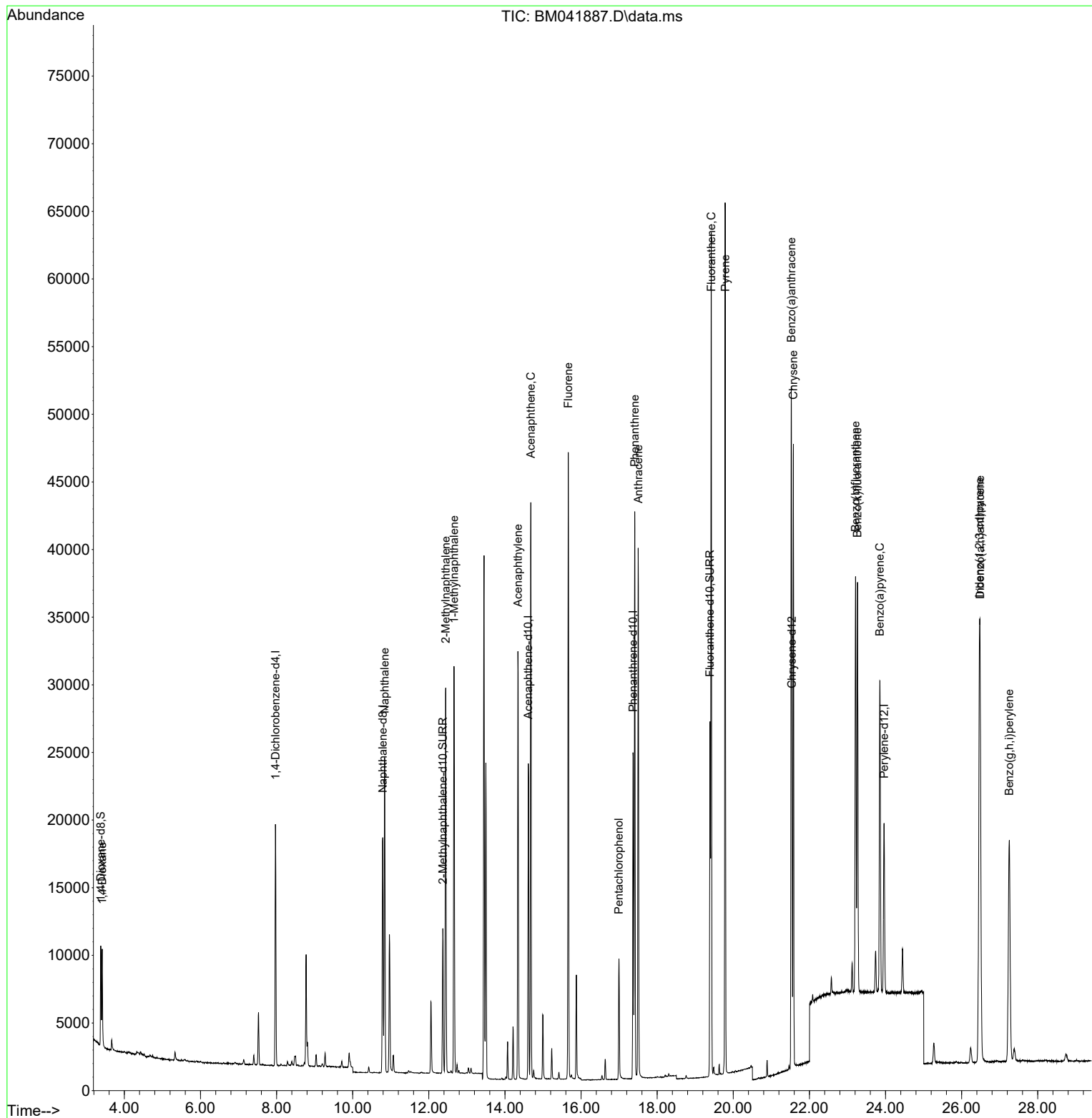
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	8866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22434	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	25652	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	15706	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	16843	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	4274	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	13261	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	24145	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	4586	0.424	ng/ul	93
5) Naphthalene	10.839	128	31480	0.426	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	20097	0.429	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	20457	0.429	ng/ul	100
10) Acenaphthylene	14.342	152	33925	0.413	ng/ul	99
11) Acenaphthene	14.680	153	23794	0.419	ng/ul	100
12) Fluorene	15.665	166	27724	0.418	ng/ul	98
14) Pentachlorophenol	16.995	266	5885	0.386	ng/ul	100
15) Phenanthrene	17.409	178	43877	0.422	ng/ul	99
16) Anthracene	17.502	178	41469	0.418	ng/ul	99
19) Fluoranthene	19.422	202	49553	0.420	ng/ul	100
20) Pyrene	19.789	202	51744	0.419	ng/ul	99
21) Benzo(a)anthracene	21.524	228	40529	0.415	ng/ul	98
22) Chrysene	21.580	228	38270	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	39942	0.417	ng/ul	95
25) Benzo(k)fluoranthene	23.263	252	38462	0.418	ng/ul	94
26) Benzo(a)pyrene	23.851	252	33630	0.417	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.468	276	43704	0.409	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.485	278	32624	0.410	ng/ul	97
29) Benzo(g,h,i)perylene	27.253	276	35545	0.407	ng/ul	98

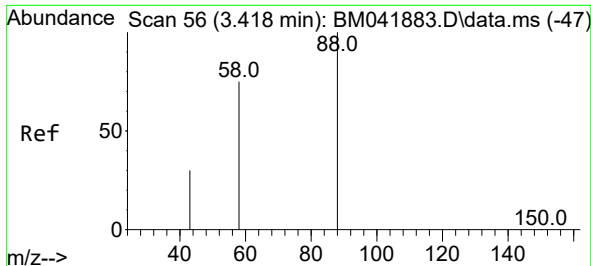
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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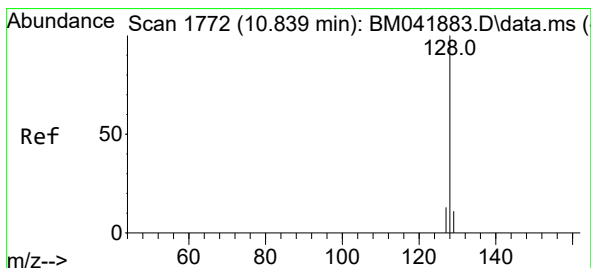
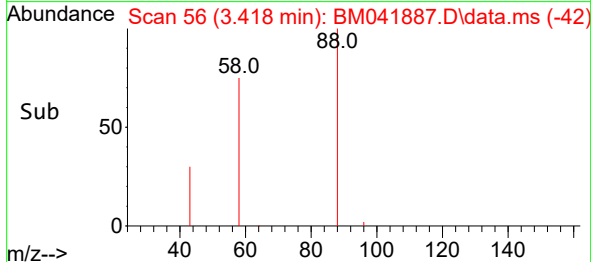
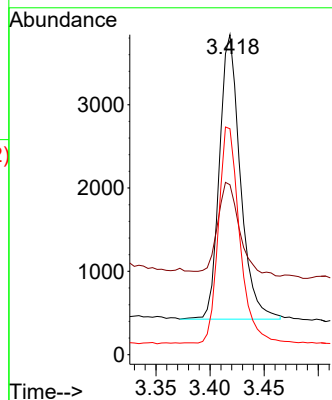
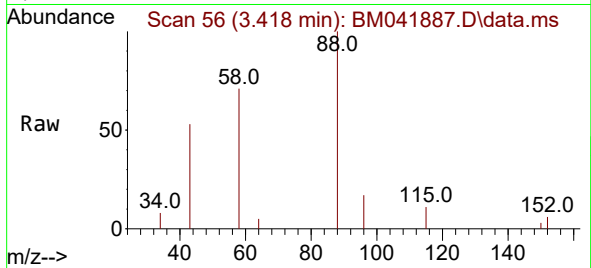




#2
1,4-Dioxane
Concen: 0.424 ng/ul
RT: 3.418 min Scan# 56
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

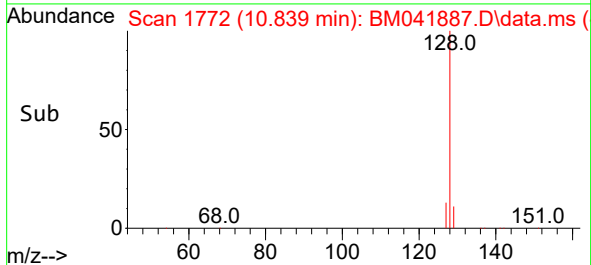
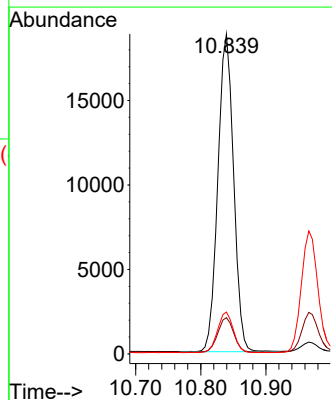
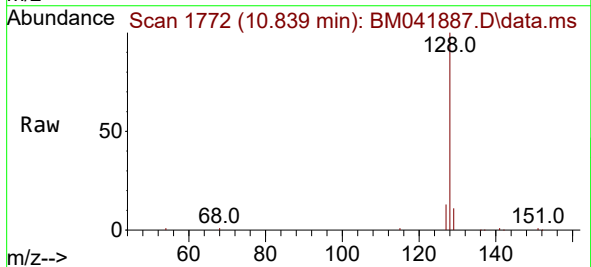
Instrument :
BNA_M
ClientSampleId :
SICV035

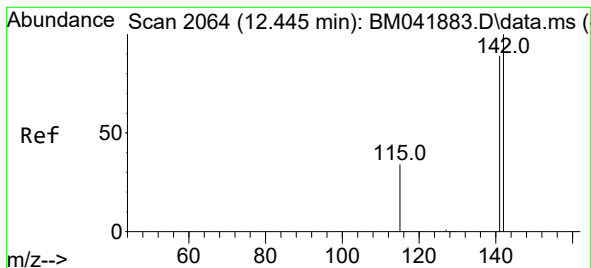
Tgt Ion: 88 Resp: 4586
Ion Ratio Lower Upper
88 100
43 53.1 51.0 76.4
58 70.6 56.2 84.4



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.839 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion: 128 Resp: 31480
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.6 16.0

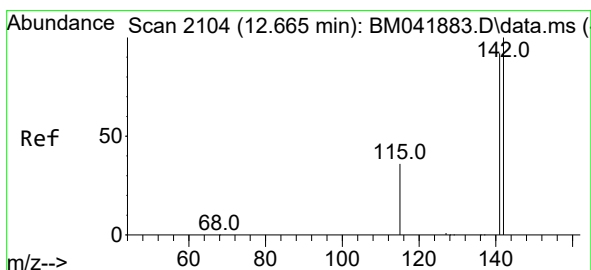
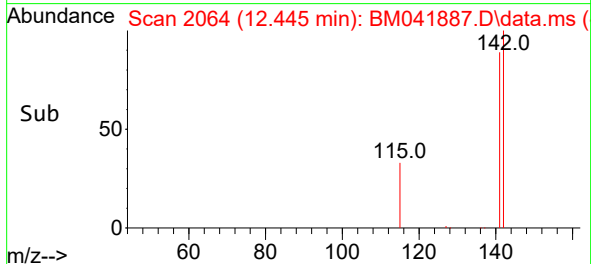
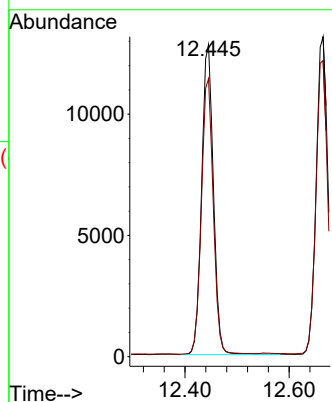
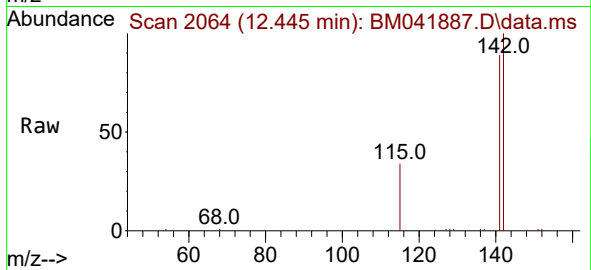




#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

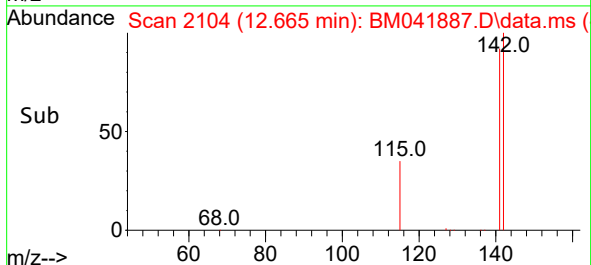
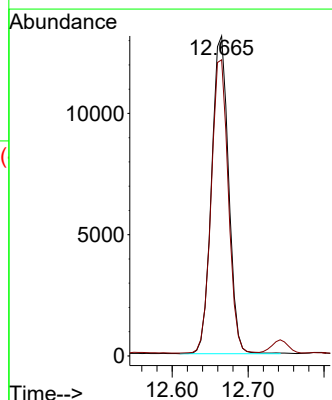
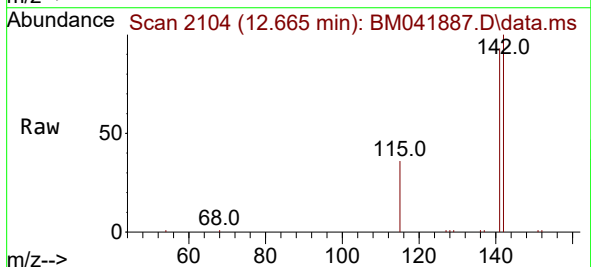
Instrument :
BNA_M
ClientSampleId :
SICV035

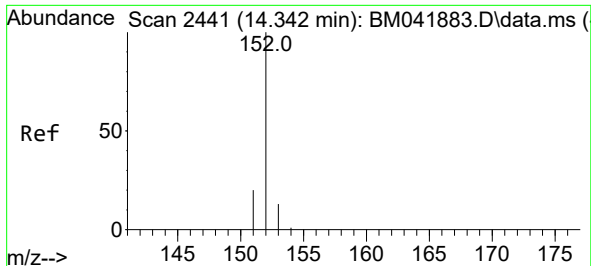
Tgt Ion:142 Resp: 20097
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:142 Resp: 20457
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9

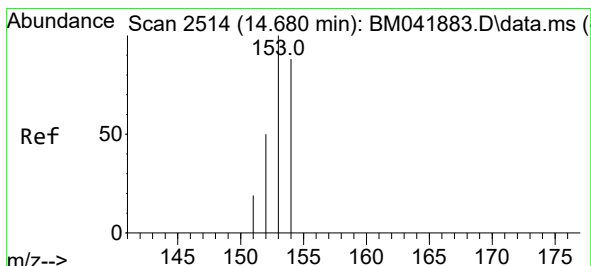
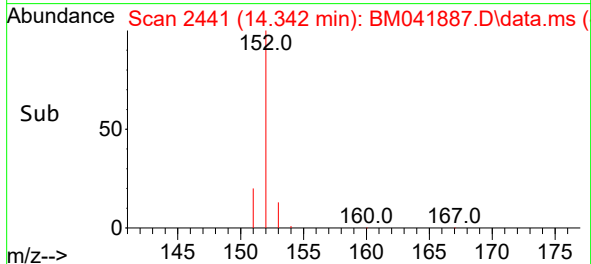
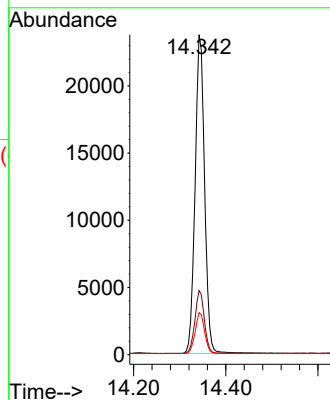
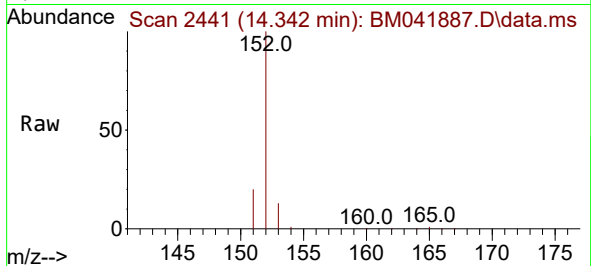




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

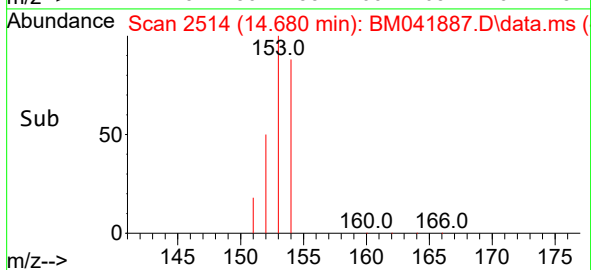
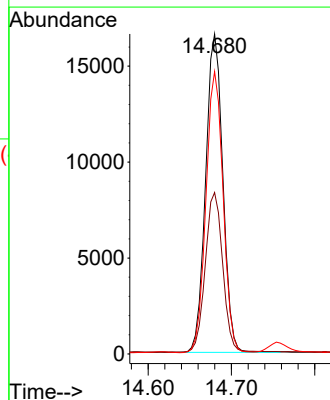
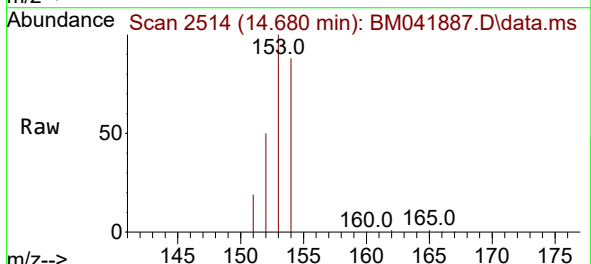
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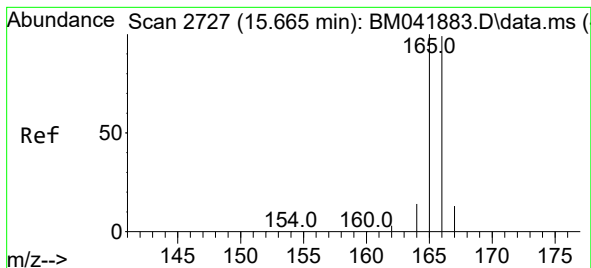
Tgt Ion:152 Resp: 33925
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.1 10.6 16.0



#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:153 Resp: 23794
Ion Ratio Lower Upper
153 100
152 50.5 40.5 60.7
154 88.3 70.2 105.4





#12

Fluorene

Concen: 0.418 ng/ul

RT: 15.665 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

Instrument :

BNA_M

ClientSampleId :

SICV035

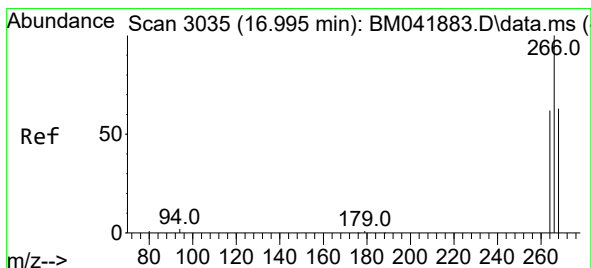
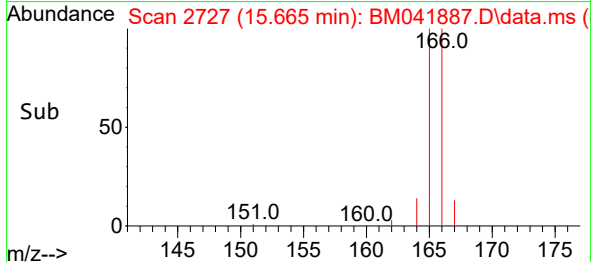
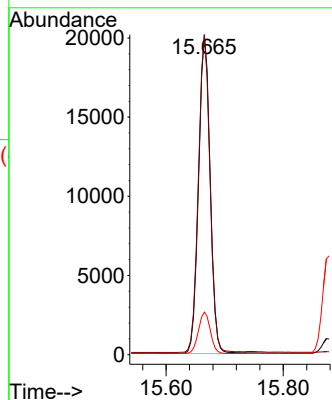
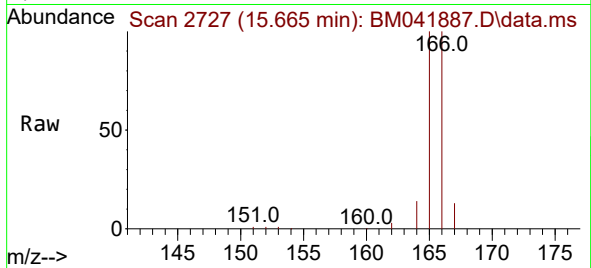
Tgt Ion:166 Resp: 27724

Ion Ratio Lower Upper

166 100

165 100.0 81.4 122.0

167 13.3 11.0 16.6



#14

Pentachlorophenol

Concen: 0.386 ng/ul

RT: 16.995 min Scan# 3035

Delta R.T. -0.000 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

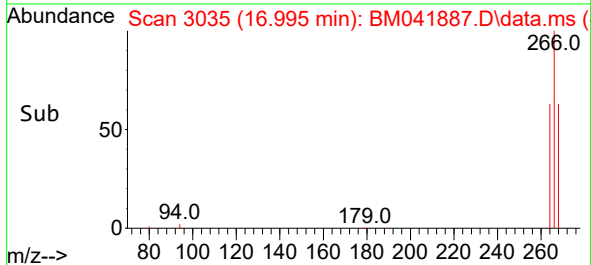
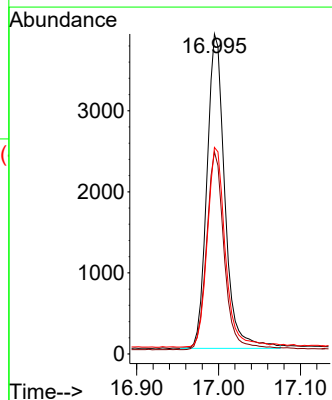
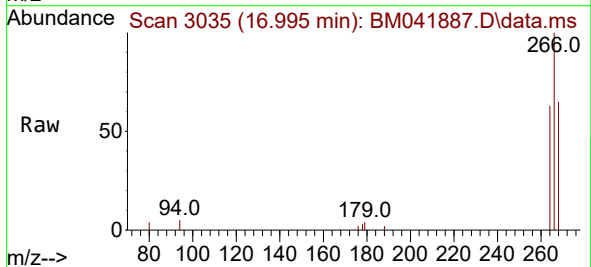
Tgt Ion:266 Resp: 5885

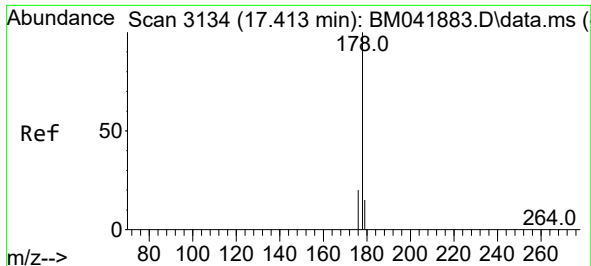
Ion Ratio Lower Upper

266 100

264 62.1 49.8 74.8

268 64.2 51.3 76.9

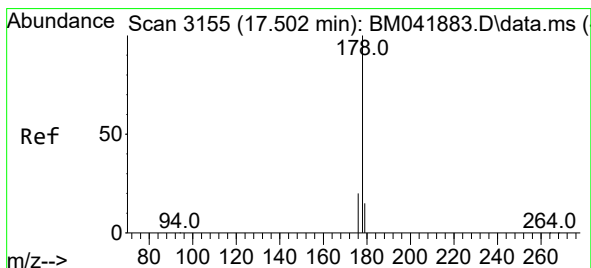
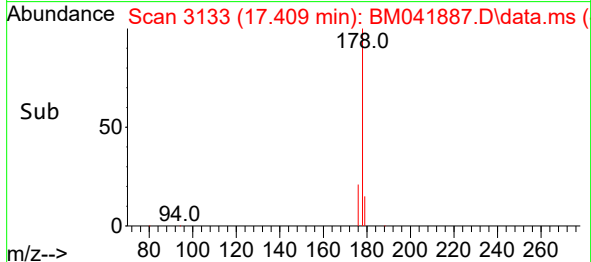
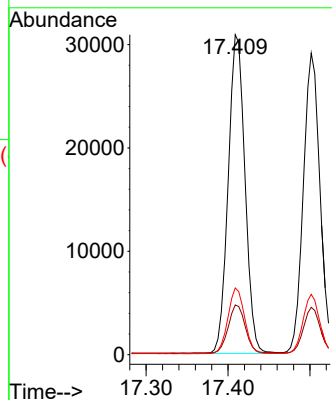
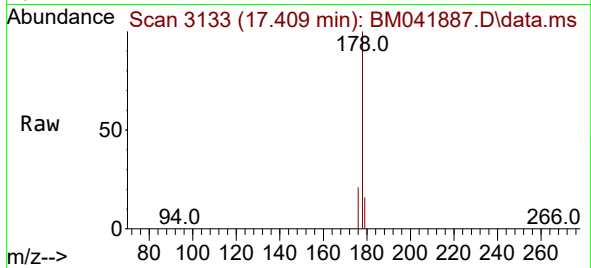




#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

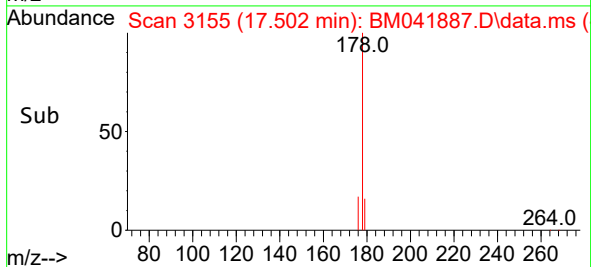
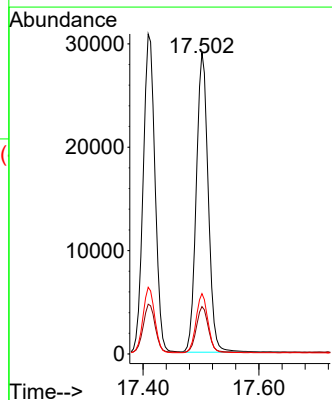
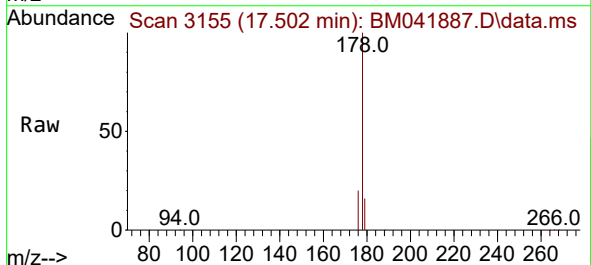
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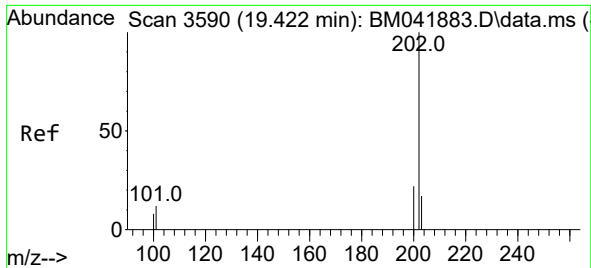
Tgt Ion:178 Resp: 43877
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 20.8 16.1 24.1



#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:178 Resp: 41469
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.0 16.3 24.5

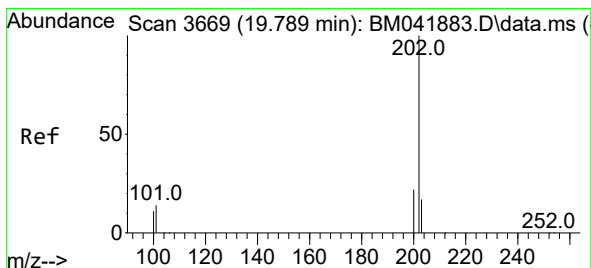
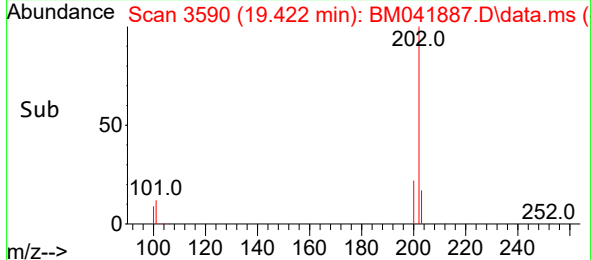
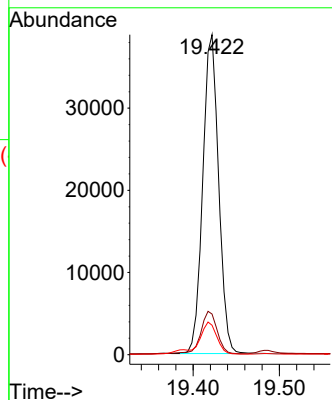
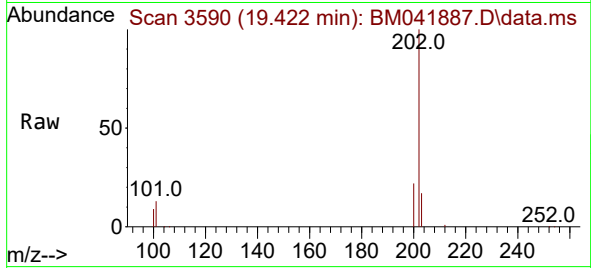




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.422 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

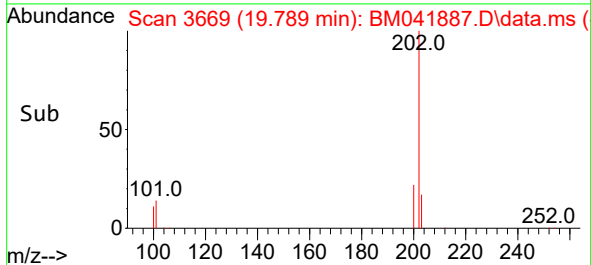
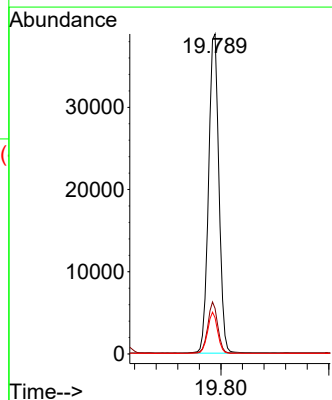
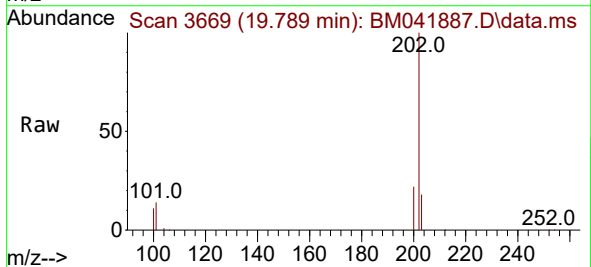
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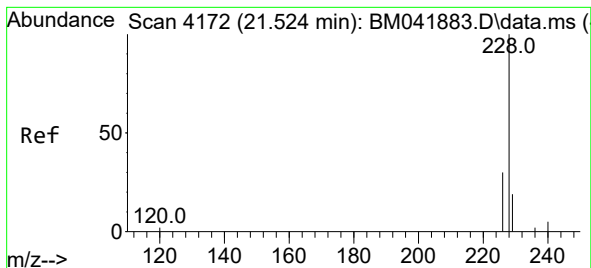
Tgt Ion:202 Resp: 49553
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.2 7.5 11.3



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:202 Resp: 51744
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.3 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.415 ng/ul

RT: 21.524 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

Instrument :

BNA_M

ClientSampleId :

SICV035

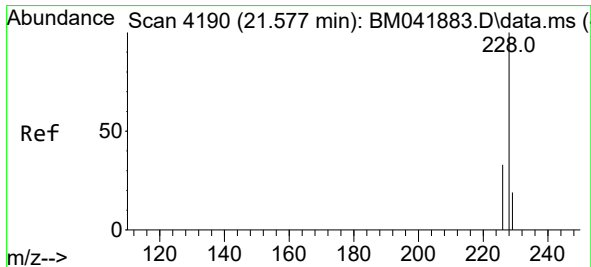
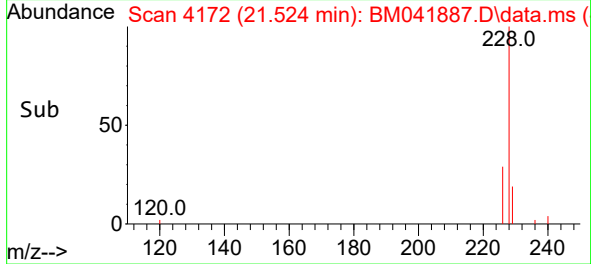
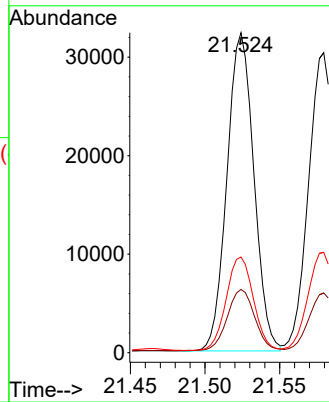
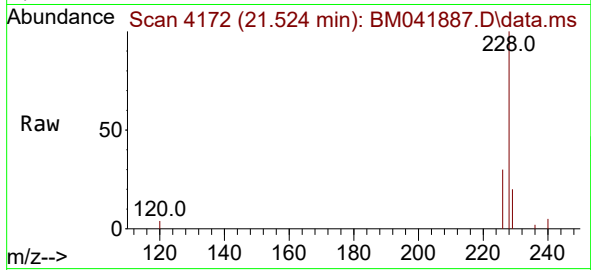
Tgt Ion:228 Resp: 40529

Ion Ratio Lower Upper

228 100

229 19.7 16.6 24.8

226 29.9 24.6 37.0



#22

Chrysene

Concen: 0.418 ng/ul

RT: 21.580 min Scan# 4191

Delta R.T. 0.003 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

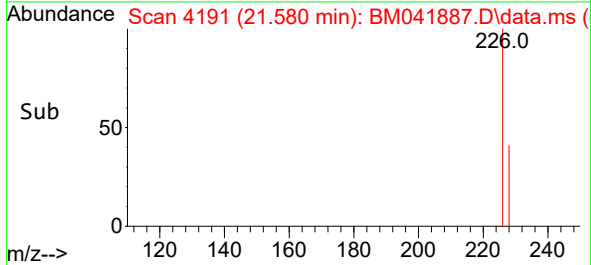
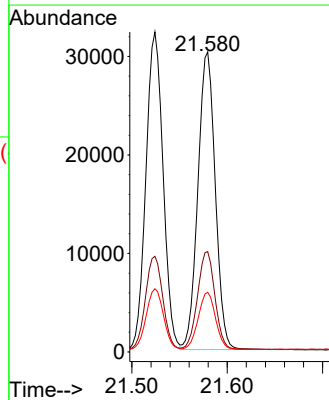
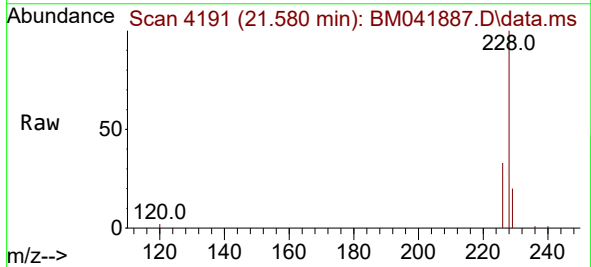
Tgt Ion:228 Resp: 38270

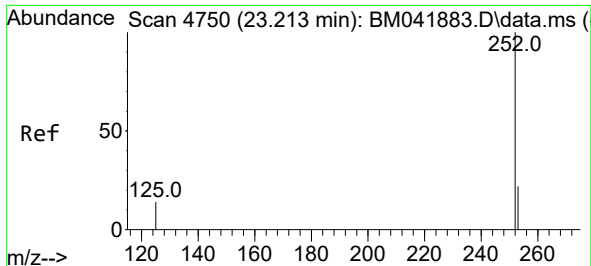
Ion Ratio Lower Upper

228 100

226 33.4 27.3 40.9

229 19.9 16.6 25.0

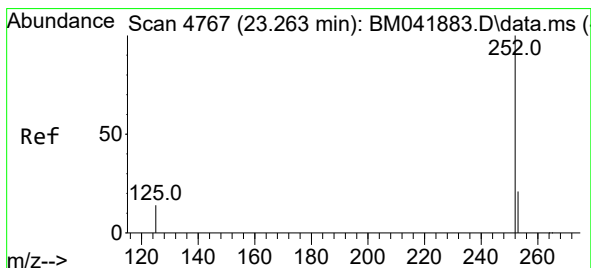
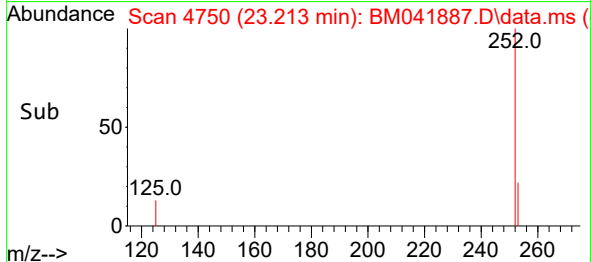
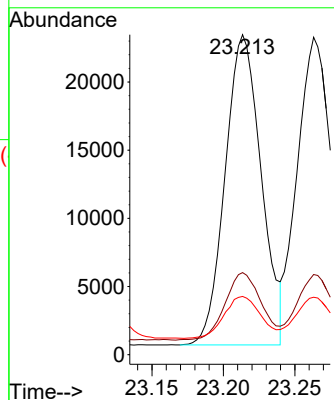
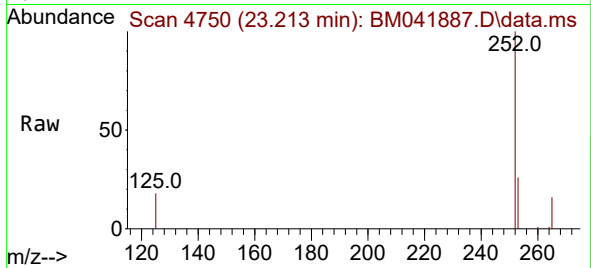




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

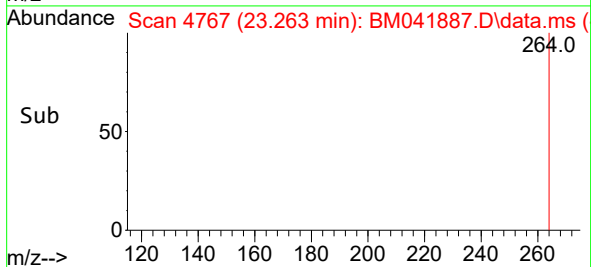
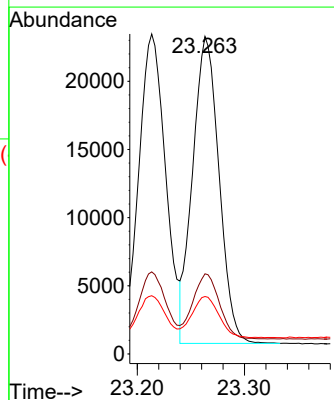
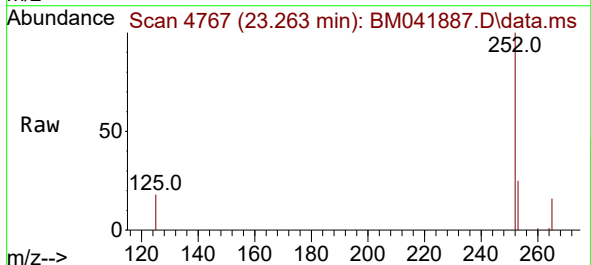
Instrument :
BNA_M
ClientSampleId :
SICV035

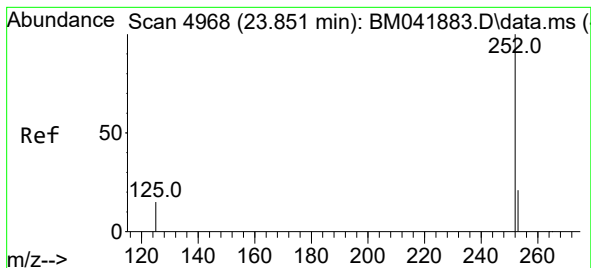
Tgt Ion:252 Resp: 39942
Ion Ratio Lower Upper
252 100
253 25.6 0.0 54.6
125 18.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:252 Resp: 38462
Ion Ratio Lower Upper
252 100
253 25.3 21.8 32.8
125 18.1 17.4 26.2





#26

Benzo(a)pyrene

Concen: 0.417 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.000 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

Instrument :

BNA_M

ClientSampleId :

SICV035

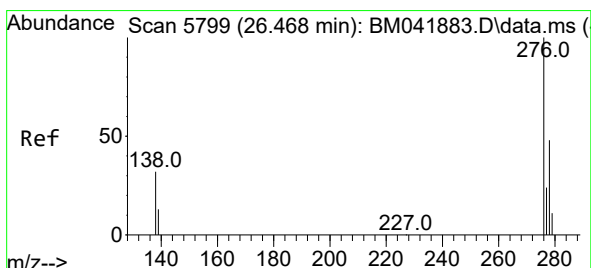
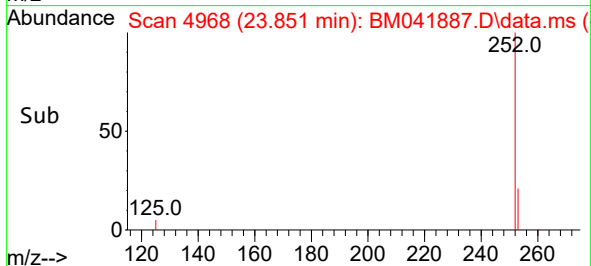
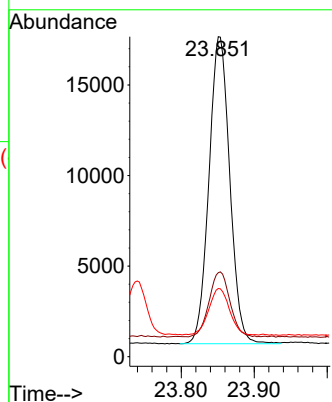
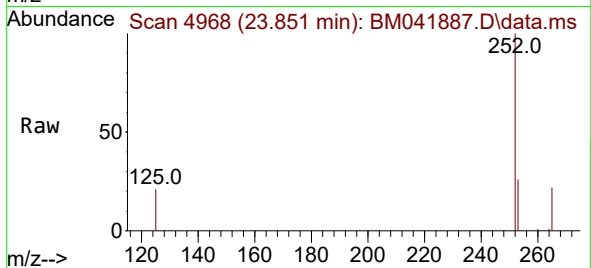
Tgt Ion:252 Resp: 33630

Ion Ratio Lower Upper

252 100

253 26.3 23.0 34.4

125 21.3 19.9 29.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

RT: 26.468 min Scan# 5799

Delta R.T. -0.000 min

Lab File: BM041887.D

Acq: 15 Sep 2023 15:37

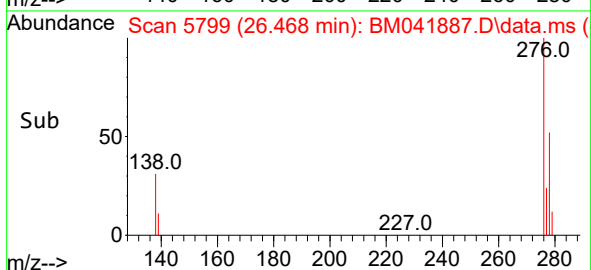
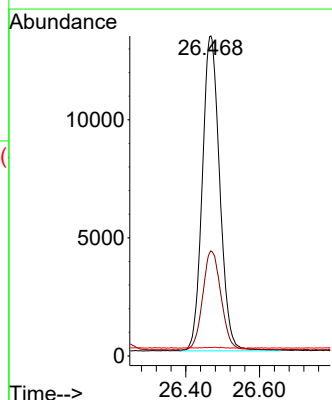
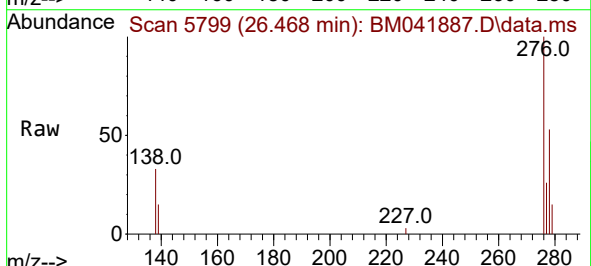
Tgt Ion:276 Resp: 43704

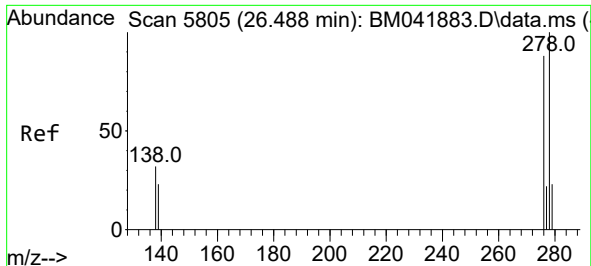
Ion Ratio Lower Upper

276 100

138 33.1 26.7 40.1

227 0.1 0.0 0.0#

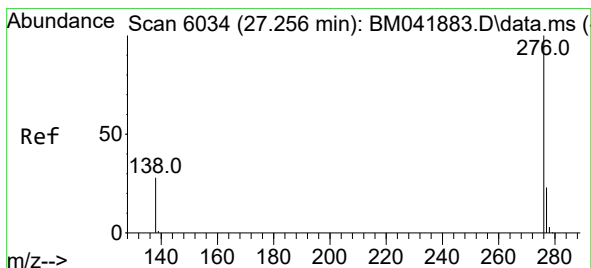
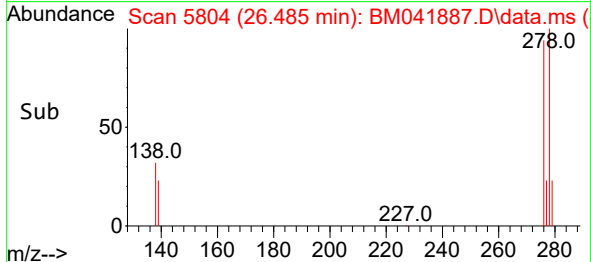
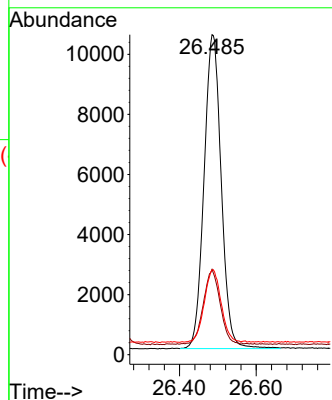
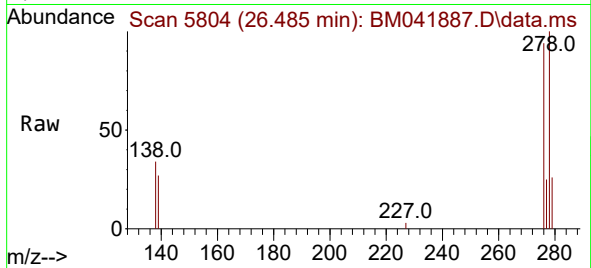




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. -0.003 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:278 Resp: 32624
Ion Ratio Lower Upper
278 100
139 26.6 22.6 33.8
279 26.4 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. -0.003 min
Lab File: BM041887.D
Acq: 15 Sep 2023 15:37

Tgt Ion:276 Resp: 35545
Ion Ratio Lower Upper
276 100
138 30.4 24.9 37.3
277 25.5 21.4 32.0

