

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040353.D
 Acq On : 22 Jun 2023 17:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4127

Quant Time: Jun 23 02:26:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

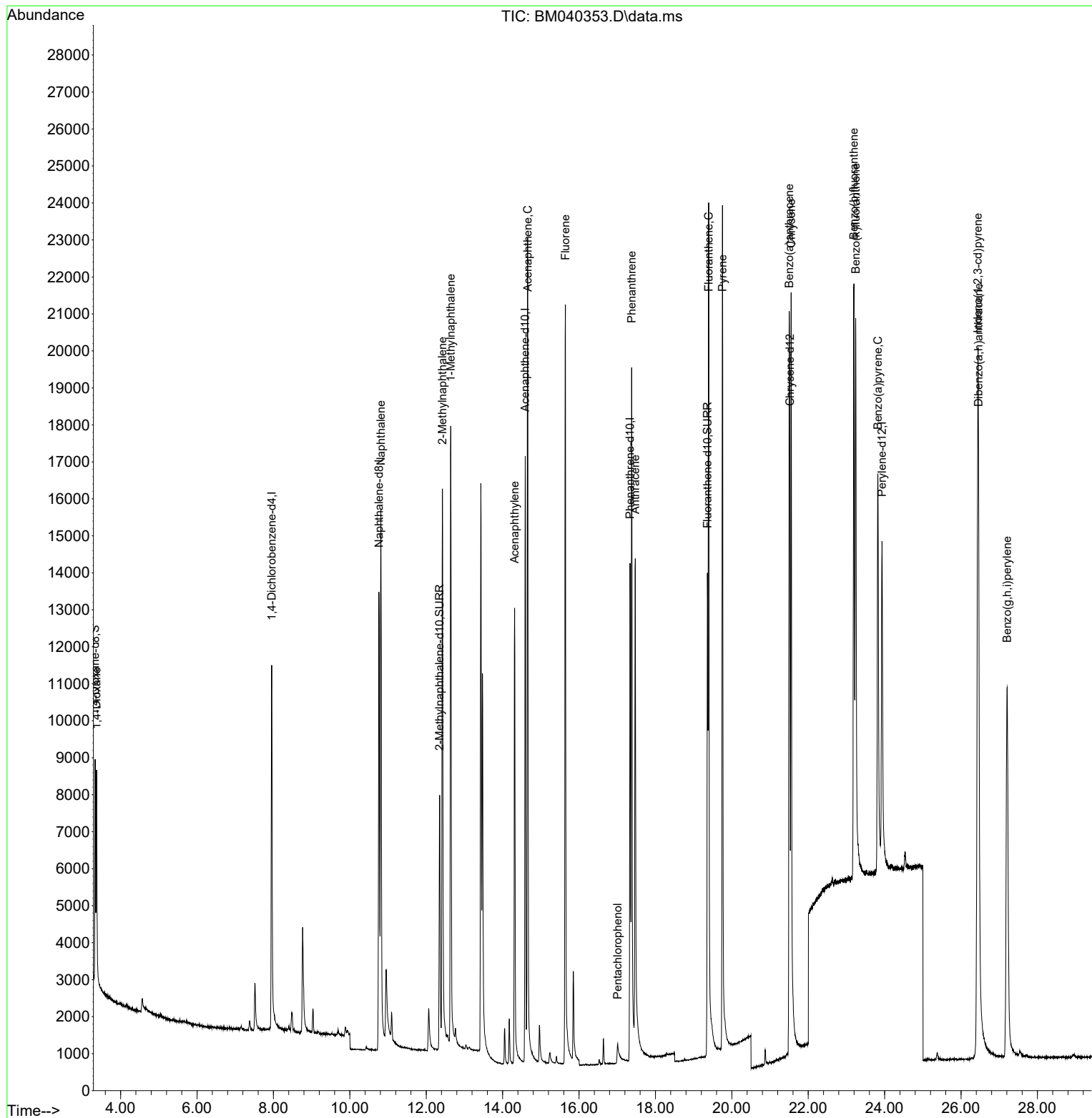
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	5798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	19805	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	9216	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	17085	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	12775	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	13654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3798	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	11012	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	15932	0.389	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.371	88	3754	0.405	ng/ul	98
5) Naphthalene	10.811	128	22450	0.411	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	12824	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.642	142	12742	0.397	ng/ul	99
10) Acenaphthylene	14.313	152	16140	0.392	ng/ul	100
11) Acenaphthene	14.656	153	13980	0.402	ng/ul	98
12) Fluorene	15.641	166	14902	0.402	ng/ul	100
14) Pentachlorophenol	17.011	266	914	0.278	ng/ul	93
15) Phenanthrene	17.379	178	21381	0.403	ng/ul	100
16) Anthracene	17.471	178	17583	0.394	ng/ul	100
19) Fluoranthene	19.393	202	21112	0.389	ng/ul	99
20) Pyrene	19.756	202	22569	0.388	ng/ul	99
21) Benzo(a)anthracene	21.500	228	16993	0.393	ng/ul	99
22) Chrysene	21.553	228	19965	0.405	ng/ul	100
24) Benzo(b)fluoranthene	23.195	252	21470	0.406	ng/ul	100
25) Benzo(k)fluoranthene	23.242	252	21041	0.404	ng/ul	99
26) Benzo(a)pyrene	23.824	252	19307	0.406	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.440	276	28068	0.423	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.457	278	22200	0.428	ng/ul	98
29) Benzo(g,h,i)perylene	27.208	276	24427	0.420	ng/ul	99

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

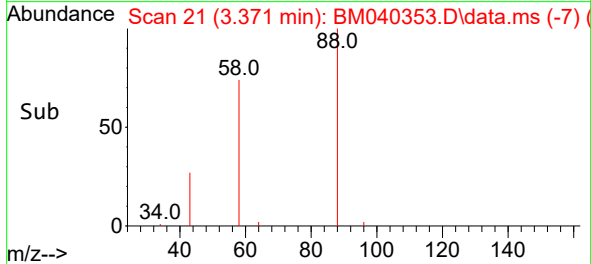
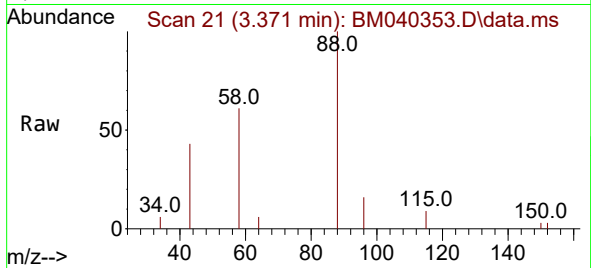
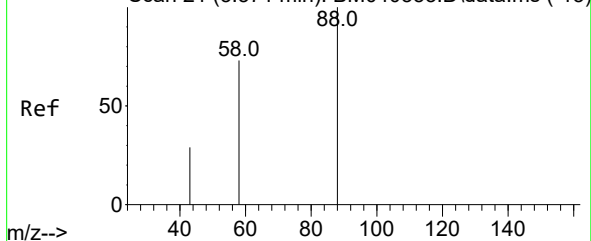
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040353.D
Acq On : 22 Jun 2023 17:53
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Quant Time: Jun 23 02:26:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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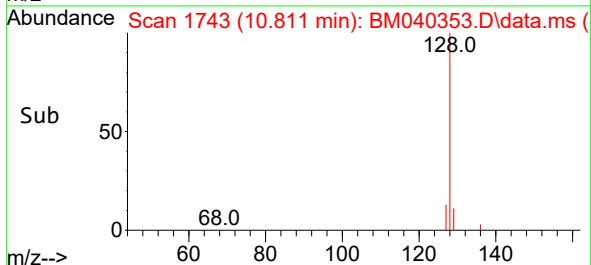
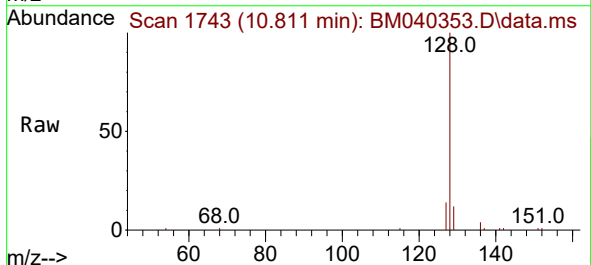
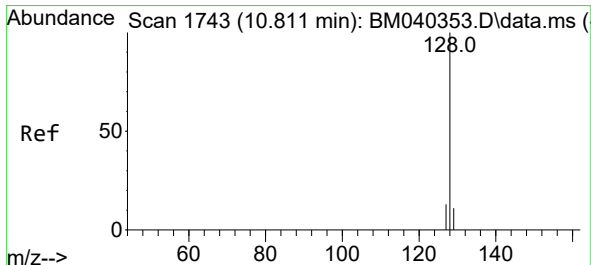
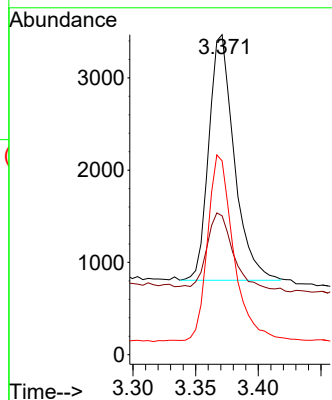
Abundance Scan 21 (3.371 min): BM040353.D\data.ms (-13)



#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.371 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

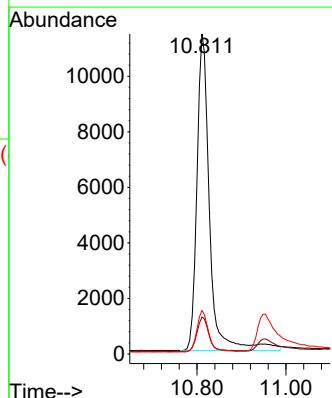
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

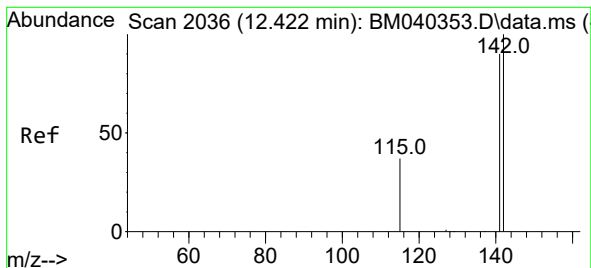
Tgt Ion: 88	Resp: 3754
Ion Ratio	Lower Upper
88	100
43	43.4 36.1 54.1
58	60.6 49.8 74.8



#5
Naphthalene
Concen: 0.411 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion: 128	Resp: 22450
Ion Ratio	Lower Upper
128	100
129	11.6 9.2 13.8
127	13.5 10.6 15.8

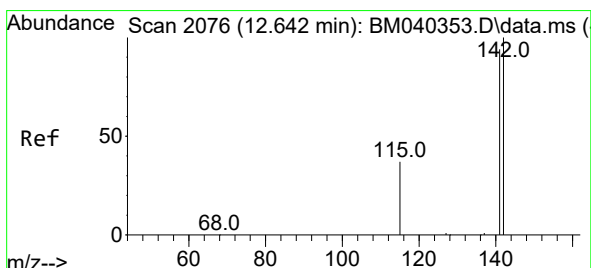
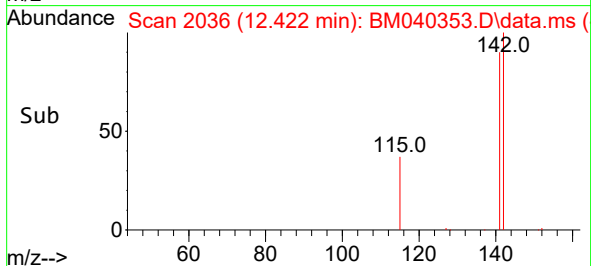
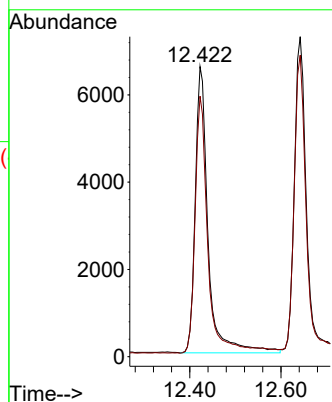
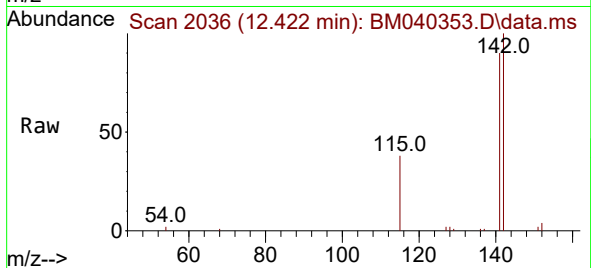




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

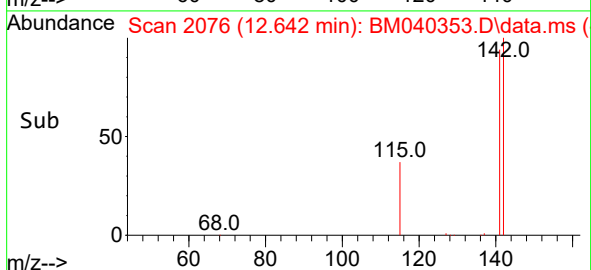
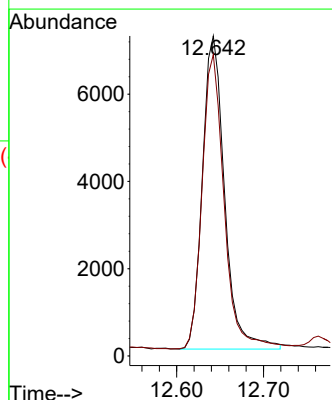
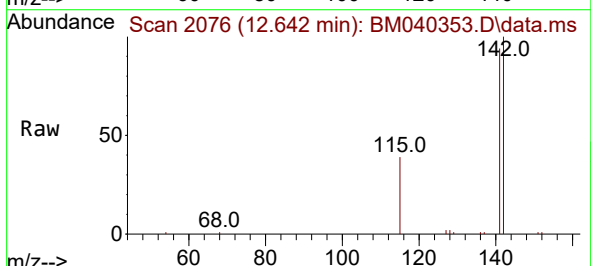
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

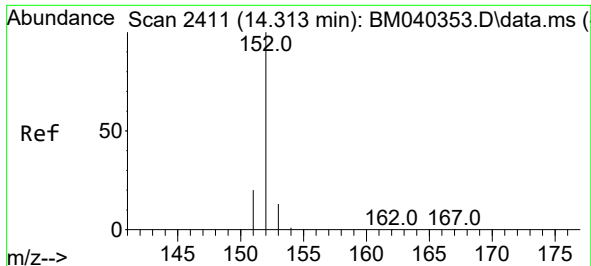
Tgt Ion:142 Resp: 12824
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:142 Resp: 12742
Ion Ratio Lower Upper
142 100
141 93.1 73.7 110.5

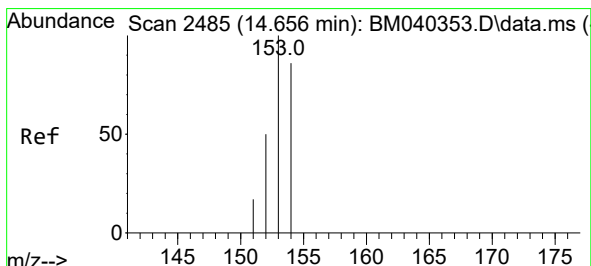
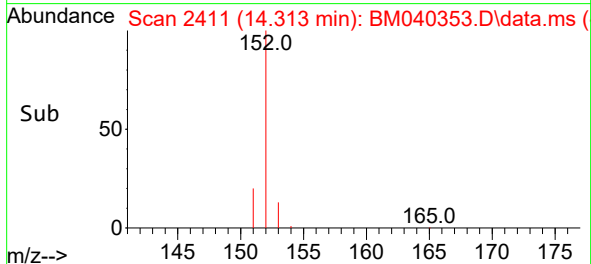
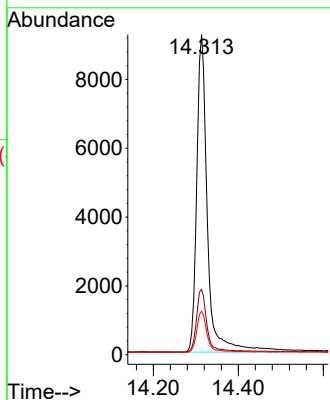
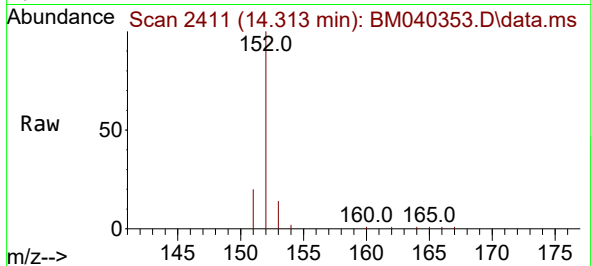




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

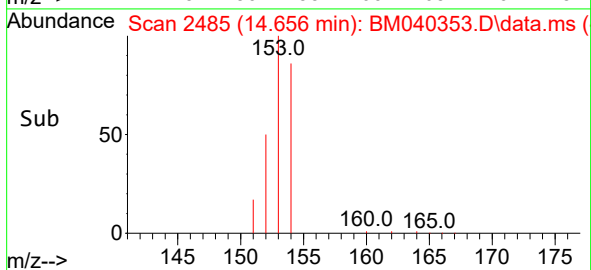
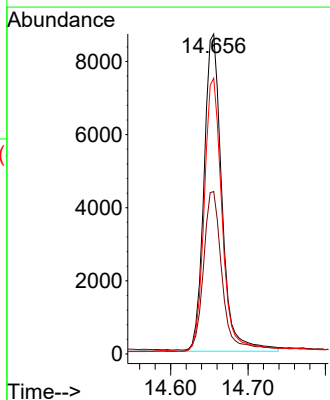
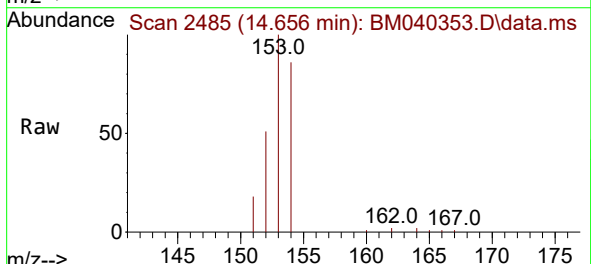
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

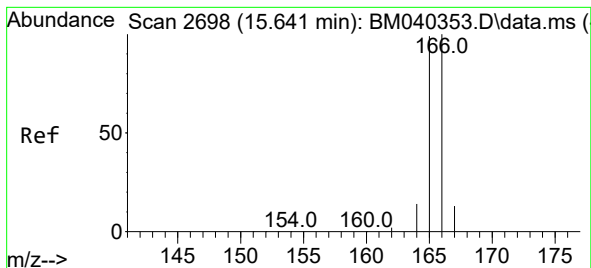
Tgt Ion:152	Resp:	16140
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.2 24.2
153	13.6	10.9 16.3



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.656 min Scan# 2485
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:153	Resp:	13980
Ion Ratio	Lower	Upper
153	100	
152	50.7	41.0 61.4
154	86.2	70.8 106.2





#12

Fluorene

Concen: 0.402 ng/ul

RT: 15.641 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4127

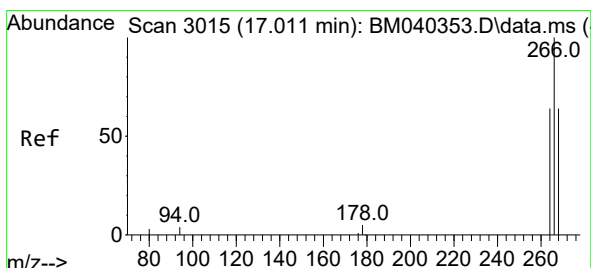
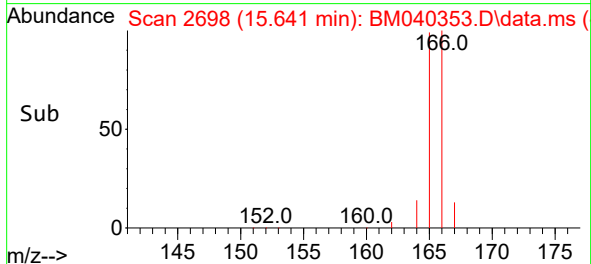
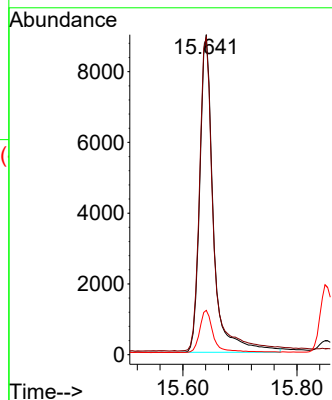
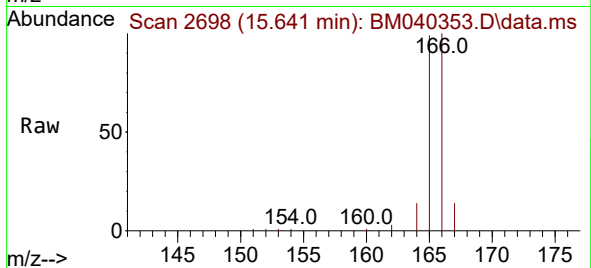
Tgt Ion:166 Resp: 14902

Ion Ratio Lower Upper

166 100

165 99.2 79.6 119.4

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.278 ng/ul

RT: 17.011 min Scan# 3015

Delta R.T. -0.000 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

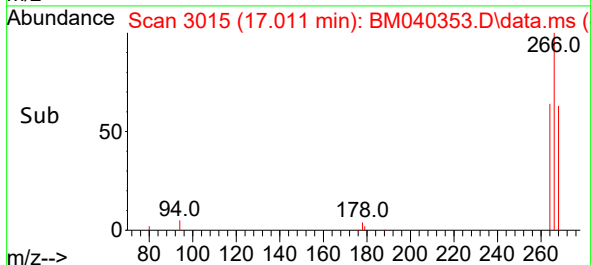
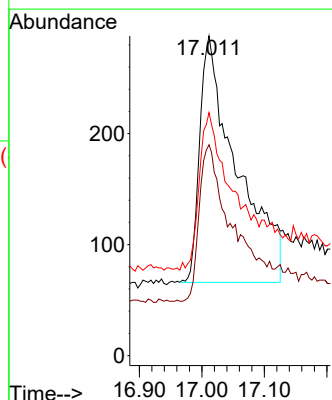
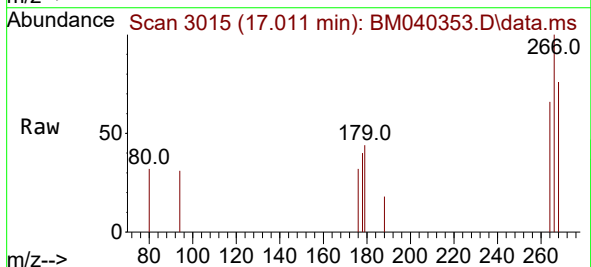
Tgt Ion:266 Resp: 914

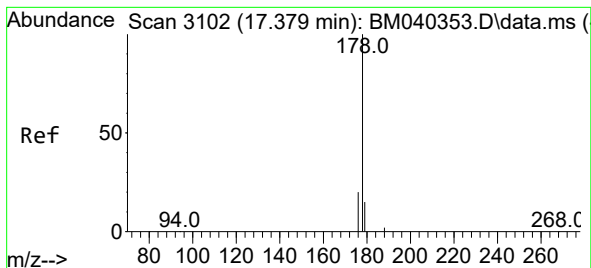
Ion Ratio Lower Upper

266 100

264 61.2 45.4 68.0

268 64.8 47.2 70.8





#15

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.379 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4127

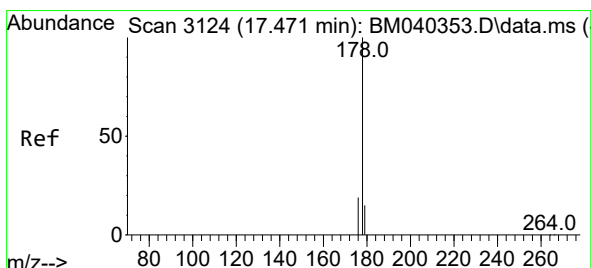
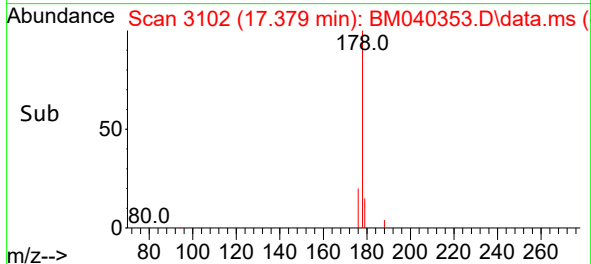
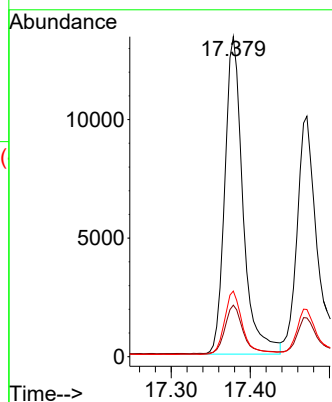
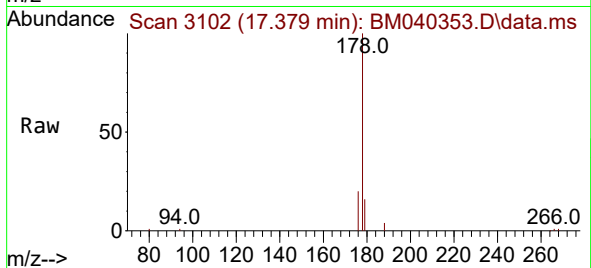
Tgt Ion:178 Resp: 21381

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.5 16.4 24.6



#16

Anthracene

Concen: 0.394 ng/ul

RT: 17.471 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

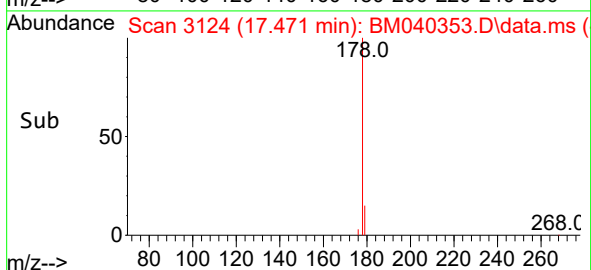
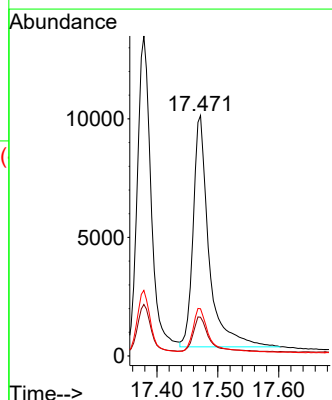
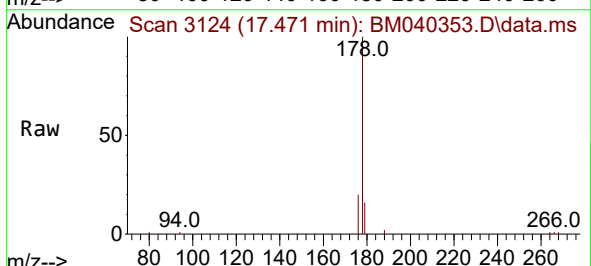
Tgt Ion:178 Resp: 17583

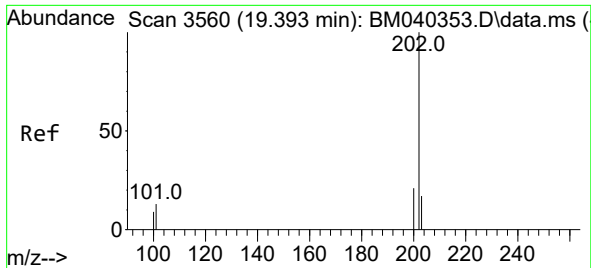
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.6 15.8 23.6

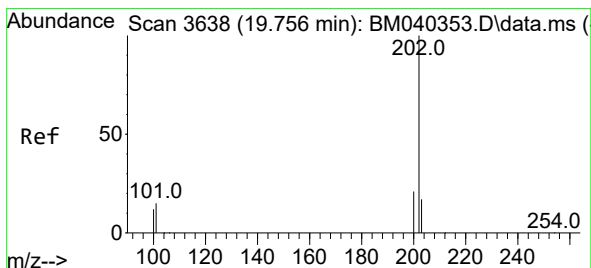
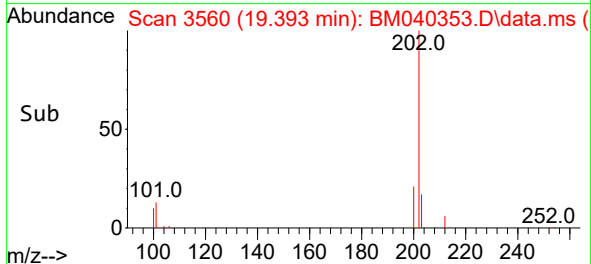
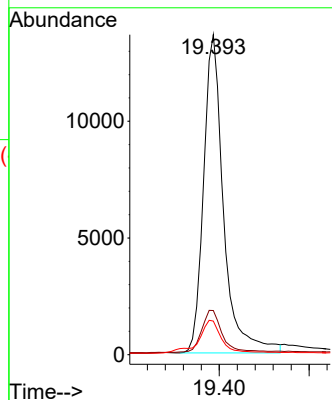
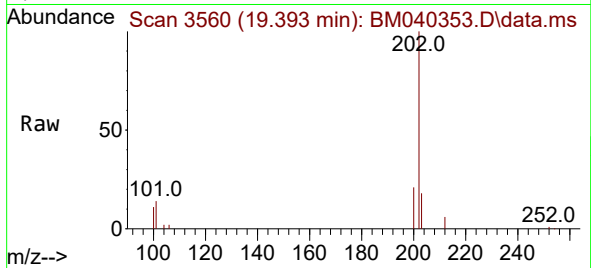




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.393 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

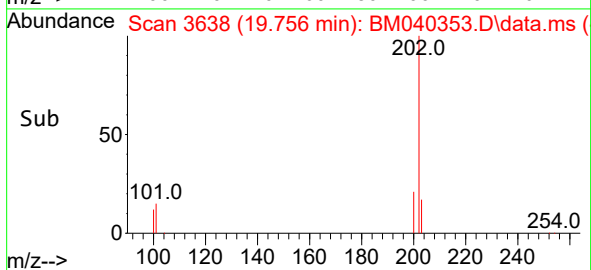
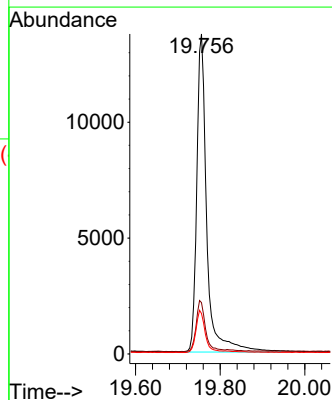
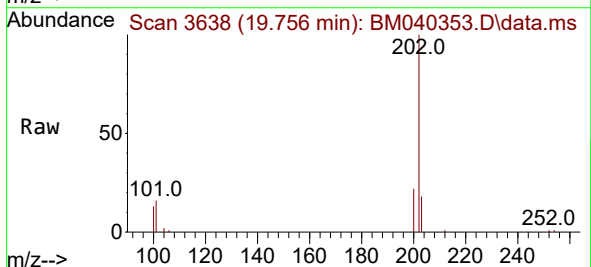
Instrument :
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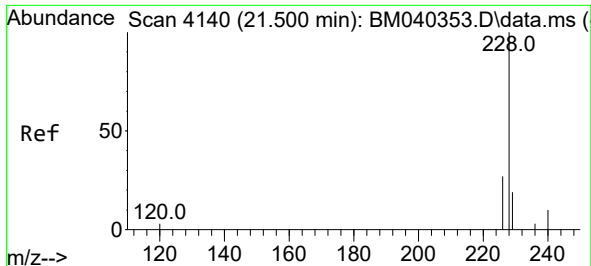
Tgt Ion:202 Resp: 21112
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.756 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:202 Resp: 22569
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 12.7 9.8 14.6

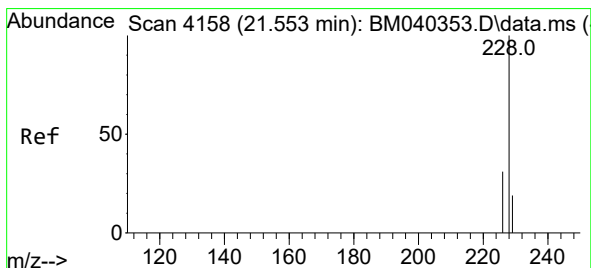
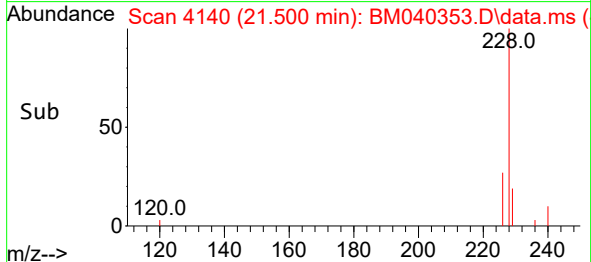
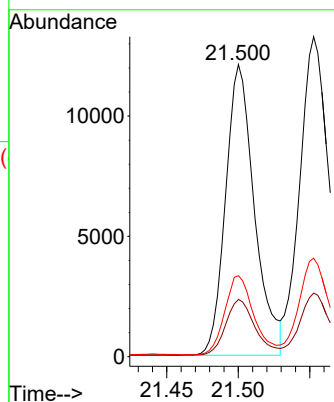
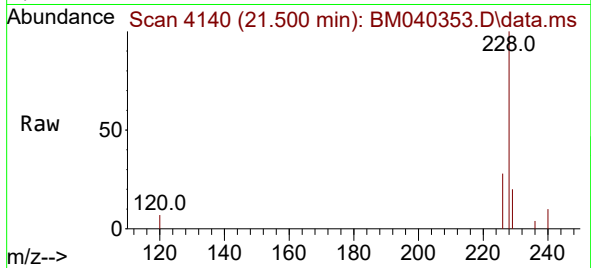




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.500 min Scan# 4140
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

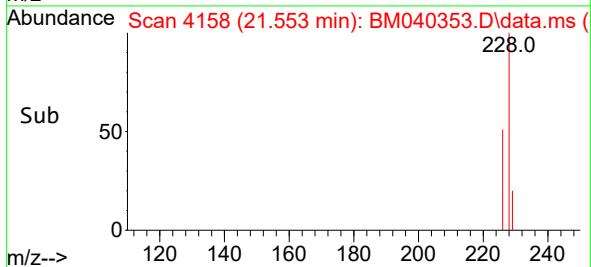
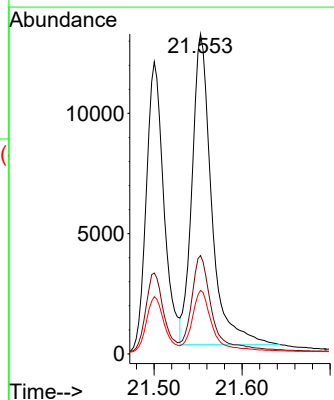
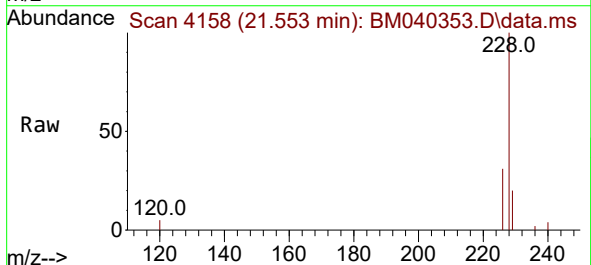
Instrument :
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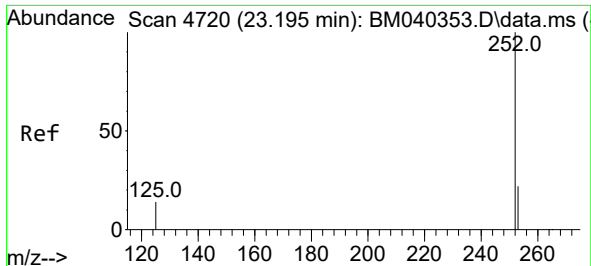
Tgt Ion:228 Resp: 16993
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.7 22.3 33.5



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.553 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:228 Resp: 19965
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 19.8 15.8 23.6

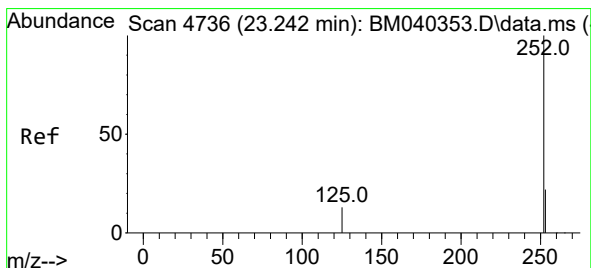
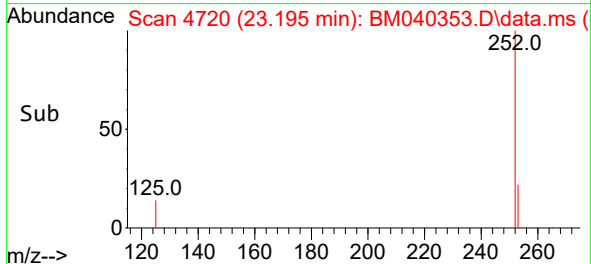
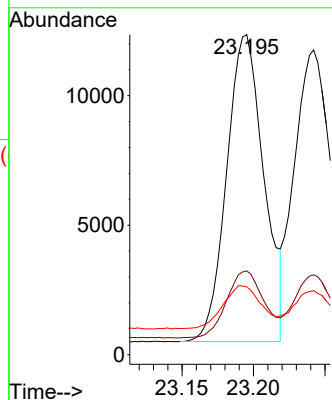
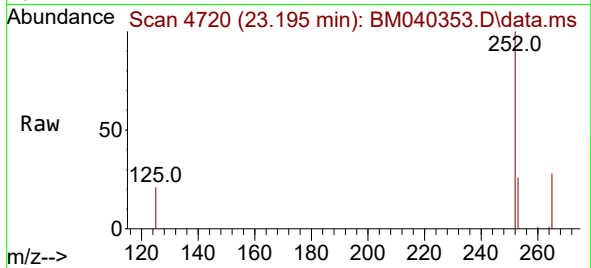




#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 23.195 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

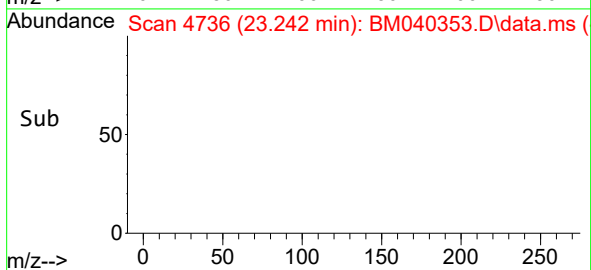
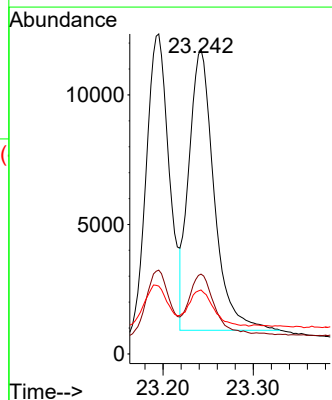
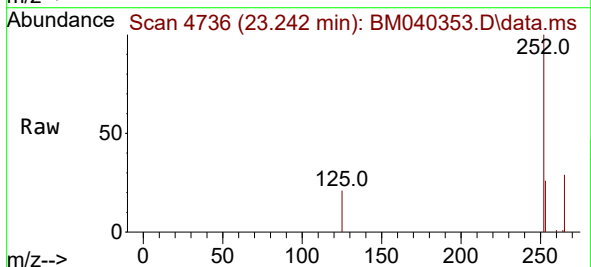
Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

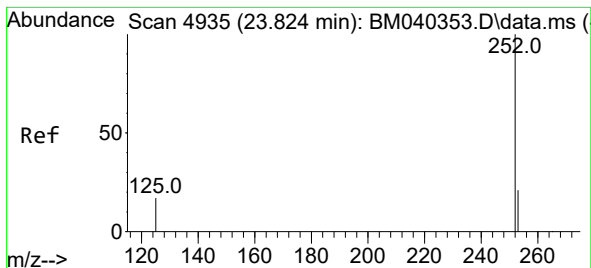
Tgt Ion:252 Resp: 21470
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.8
125 21.2 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 23.242 min Scan# 4736
Delta R.T. -0.000 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:252 Resp: 21041
Ion Ratio Lower Upper
252 100
253 26.2 21.2 31.8
125 21.0 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.824 min Scan# 4935

Delta R.T. -0.000 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

Instrument :

BNA_M

ClientSampleId :

SSTD0.4127

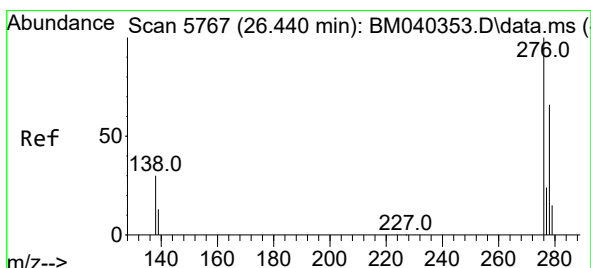
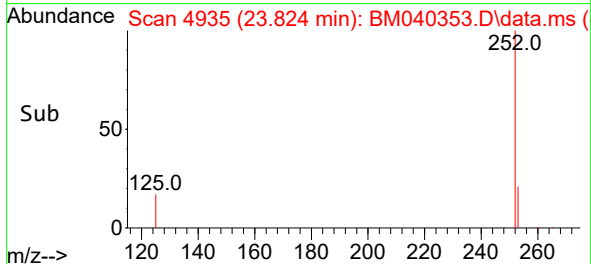
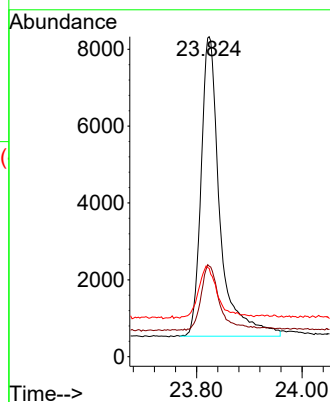
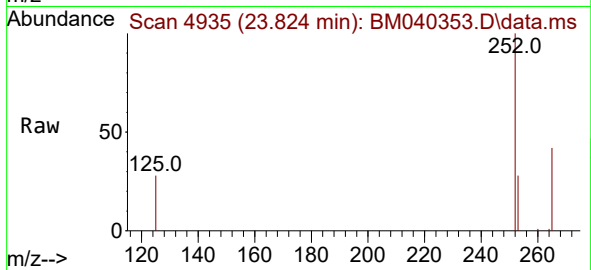
Tgt Ion:252 Resp: 19307

Ion Ratio Lower Upper

252 100

253 28.3 22.9 34.3

125 27.6 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.423 ng/ul

RT: 26.440 min Scan# 5767

Delta R.T. 0.007 min

Lab File: BM040353.D

Acq: 22 Jun 2023 17:53

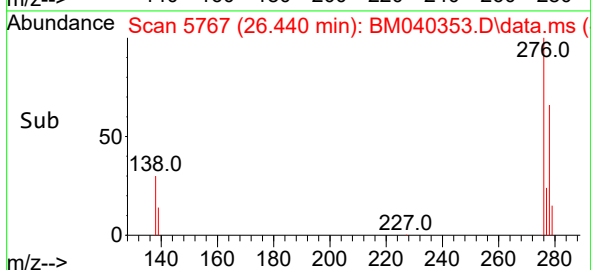
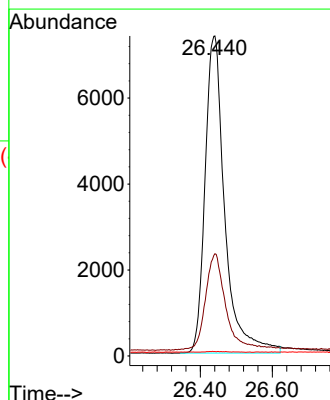
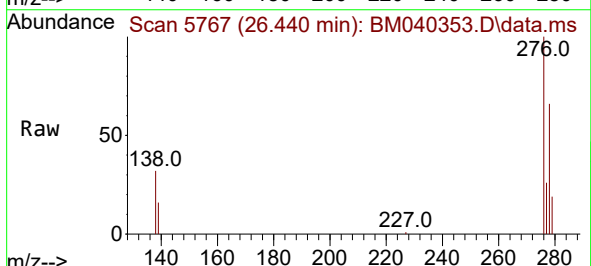
Tgt Ion:276 Resp: 28068

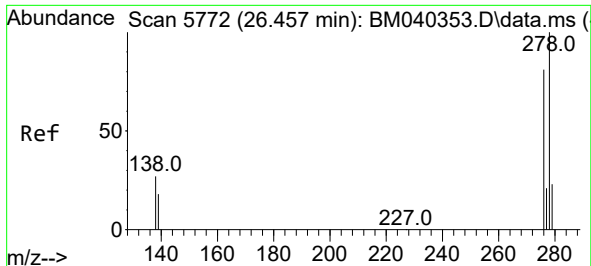
Ion Ratio Lower Upper

276 100

138 31.5 24.5 36.7

227 0.2 0.1 0.1#

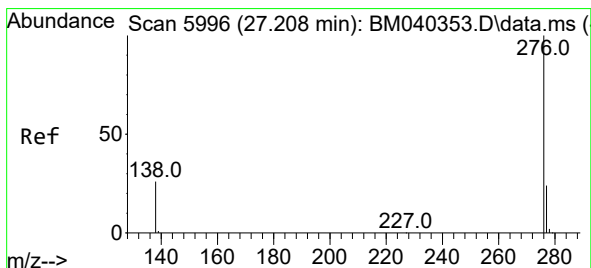
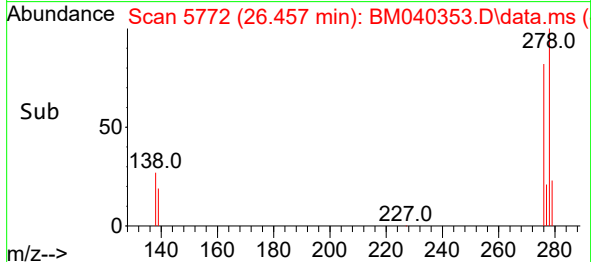
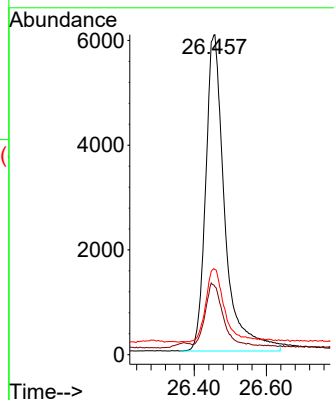
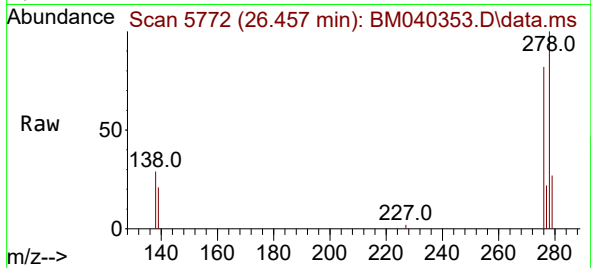




#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.457 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Instrument :
BNA_M
ClientSampleId :
SSTD0.4127

Tgt Ion:278 Resp: 22200
Ion Ratio Lower Upper
278 100
139 21.3 17.9 26.9
279 26.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.208 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040353.D
Acq: 22 Jun 2023 17:53

Tgt Ion:276 Resp: 24427
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.6
277 24.9 20.3 30.5

