

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039702.D
 Acq On : 27 Apr 2023 11:12
 Operator : CG/JU
 Sample : SSTD0.448
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4024

Quant Time: Apr 27 22:36:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 16:04:50 2023
 Response via : Initial Calibration

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

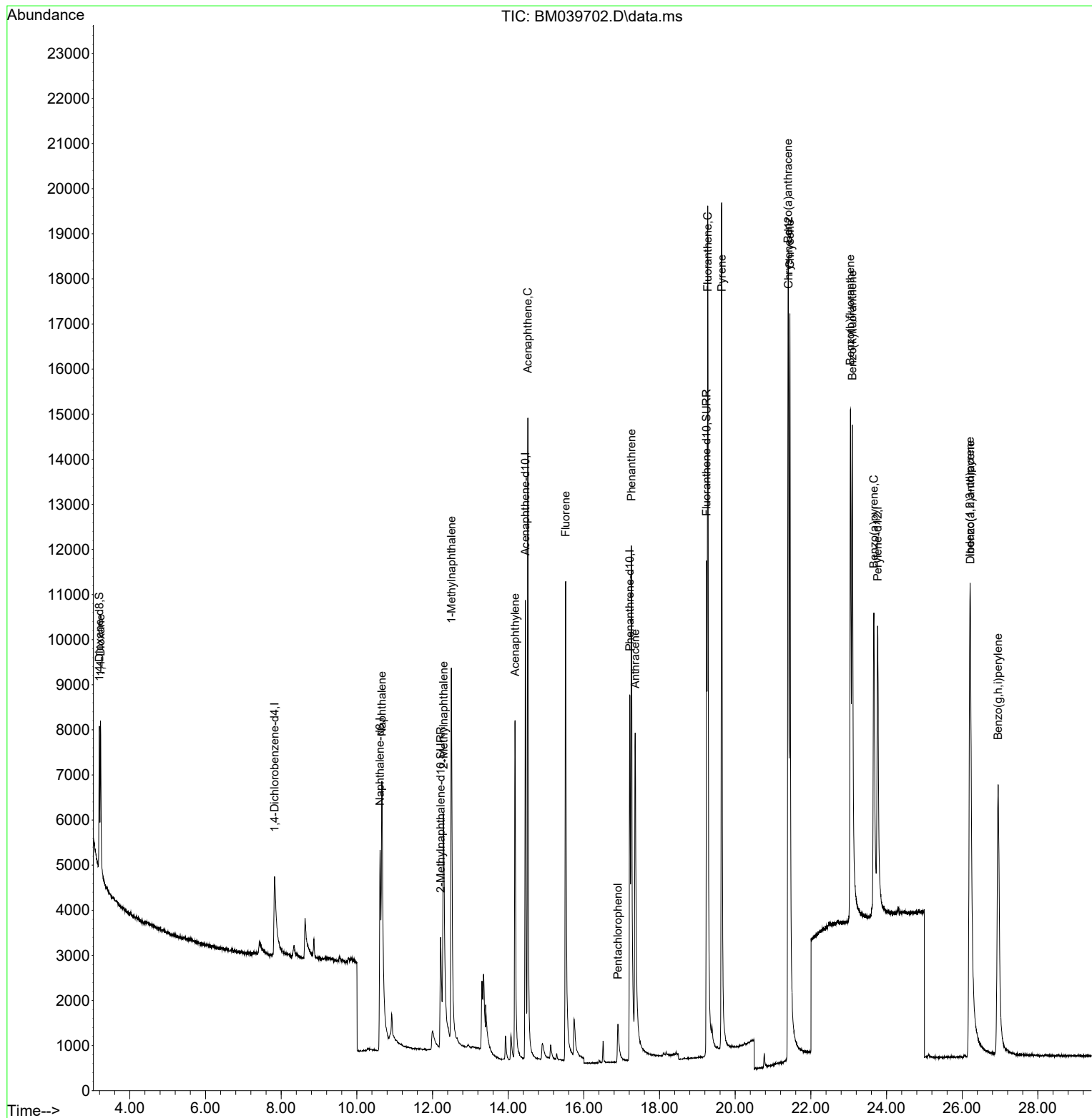
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	11388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	6637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	12960	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	11868	0.400	ng/ul	0.00
23) Perylene-d12	23.764	264	10899	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2107	0.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	6683	0.458	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	15001	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	2119	0.495	ng/ul	100
5) Naphthalene	10.661	128	13626	0.476	ng/ul	100
7) 2-Methylnaphthalene	12.289	142	7505	0.455	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	8158	0.461	ng/ul	100
10) Acenaphthylene	14.182	152	12036	0.469	ng/ul	100
11) Acenaphthene	14.520	153	9579	0.475	ng/ul	100
12) Fluorene	15.519	166	10368	0.463	ng/ul	100
14) Pentachlorophenol	16.900	266	1230	0.435	ng/ul	97
15) Phenanthrene	17.255	178	15770	0.462	ng/ul	100
16) Anthracene	17.356	178	13183	0.450	ng/ul	100
19) Fluoranthene	19.276	202	19642	0.464	ng/ul	100
20) Pyrene	19.643	202	21311	0.466	ng/ul	100
21) Benzo(a)anthracene	21.396	228	15447	0.453	ng/ul	100
22) Chrysene	21.446	228	18386	0.476	ng/ul	100
24) Benzo(b)fluoranthene	23.045	252	16975	0.443	ng/ul	100
25) Benzo(k)fluoranthene	23.094	252	17677	0.454	ng/ul	100
26) Benzo(a)pyrene	23.665	252	15534	0.452	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.201	276	19546	0.450	ng/ul	100
28) Dibenzo(a,h)anthracene	26.218	278	15113	0.448	ng/ul	100
29) Benzo(g,h,i)perylene	26.949	276	17318	0.457	ng/ul	100

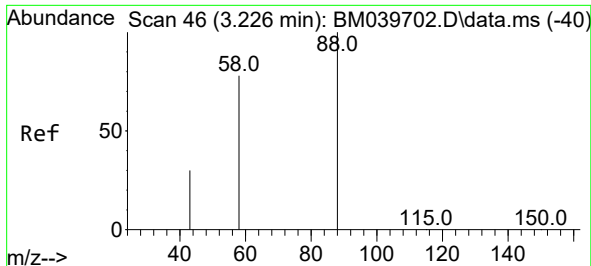
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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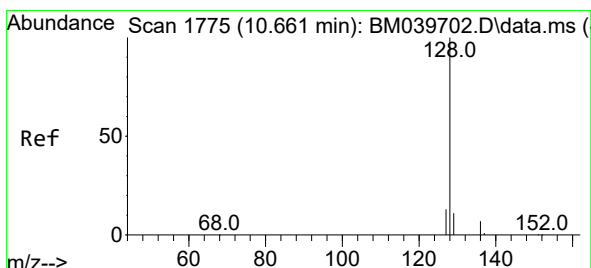
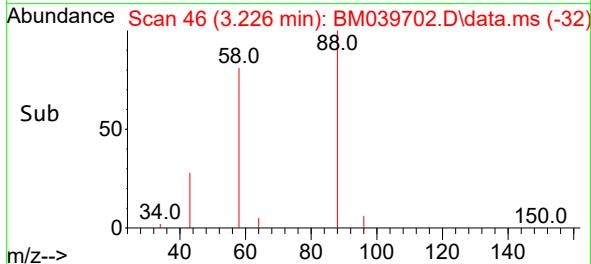
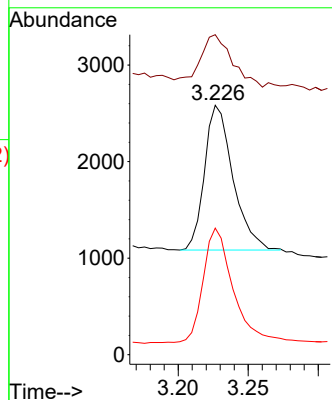
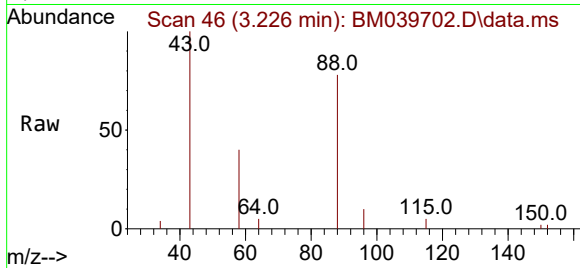




#2
1,4-Dioxane
Concen: 0.495 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

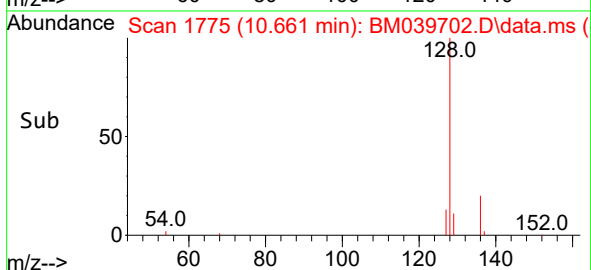
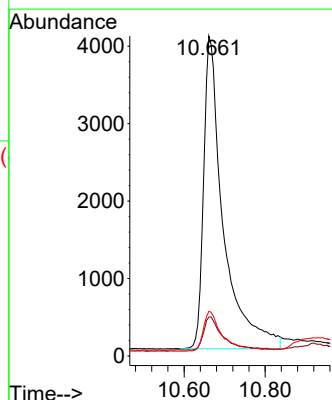
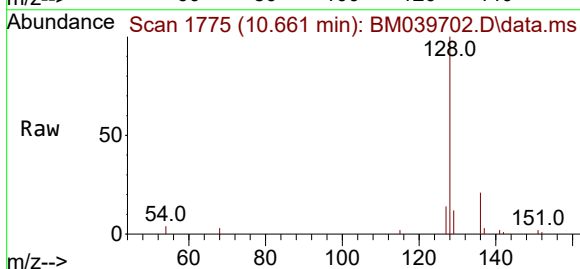
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

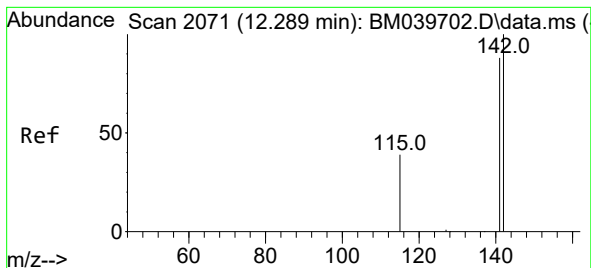
Tgt Ion: 88 Resp: 2119
Ion Ratio Lower Upper
88 100
43 128.2 102.6 153.8
58 50.8 40.6 61.0



#5
Naphthalene
Concen: 0.476 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion: 128 Resp: 13626
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 13.9 11.1 16.7

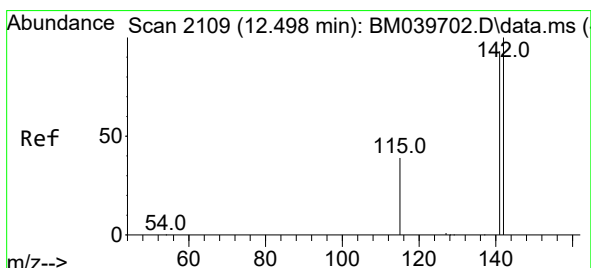
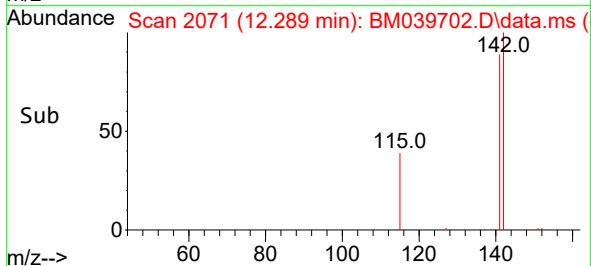
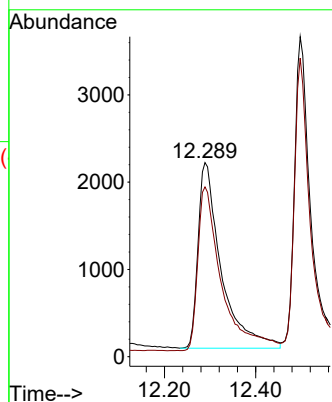
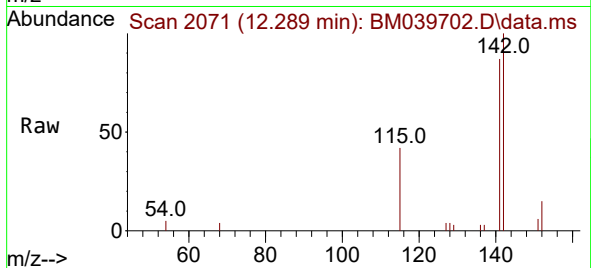




#7
2-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

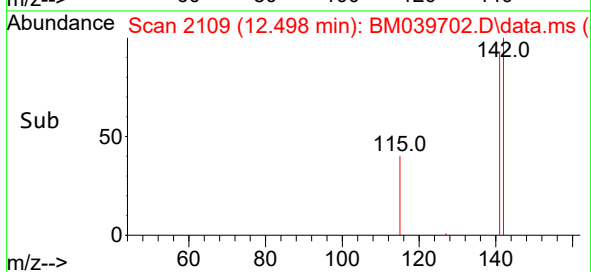
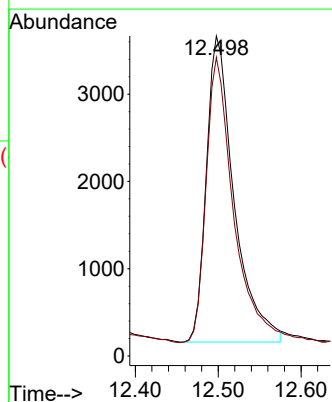
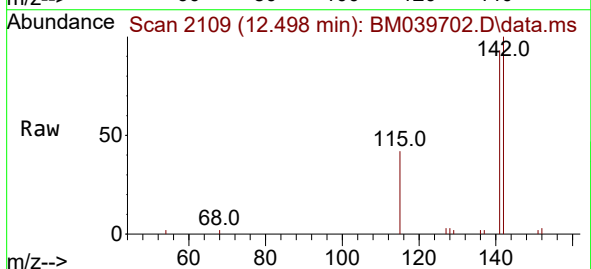
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

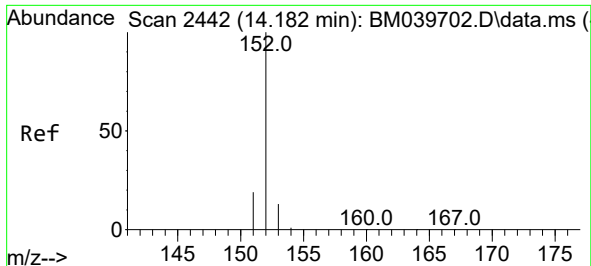
Tgt Ion:142 Resp: 7505
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.461 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion:142 Resp: 8158
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

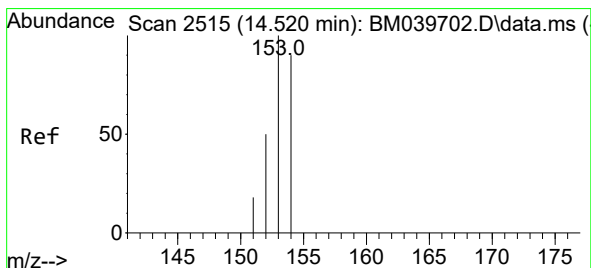
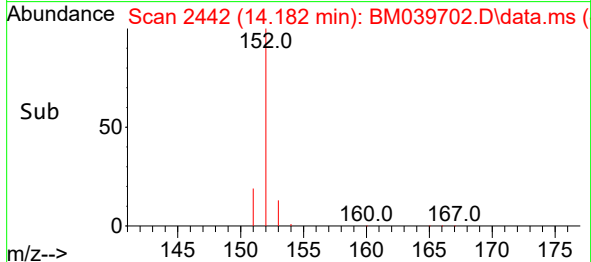
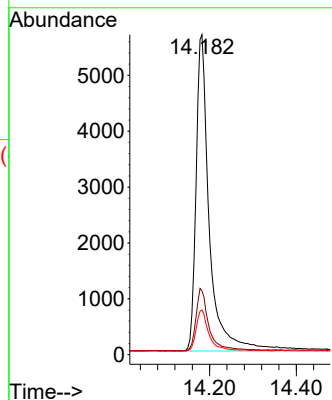
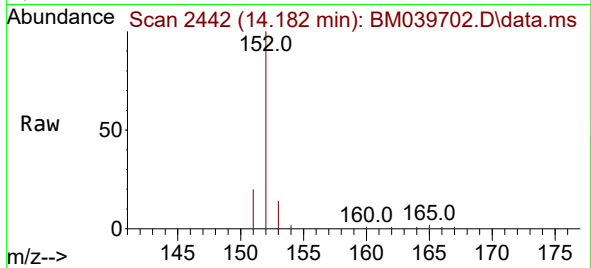




#10
Acenaphthylene
Concen: 0.469 ng/ul
RT: 14.182 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

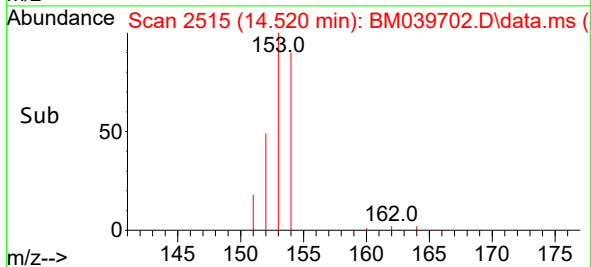
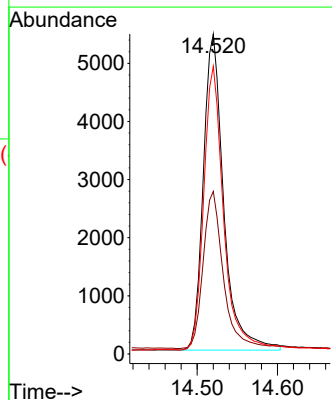
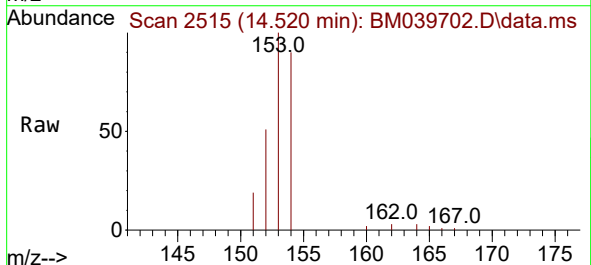
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

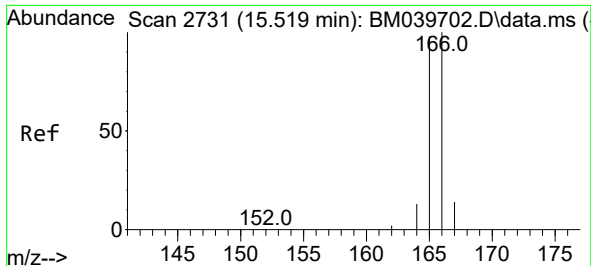
Tgt Ion:152 Resp: 12036
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.475 ng/ul
RT: 14.520 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion:153 Resp: 9579
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 89.9 71.9 107.9

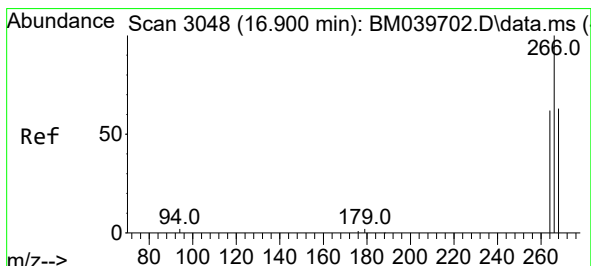
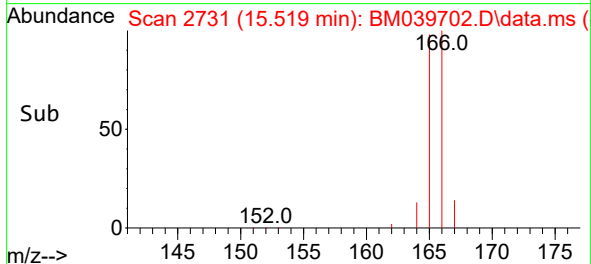
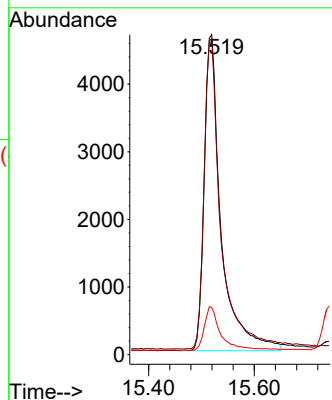
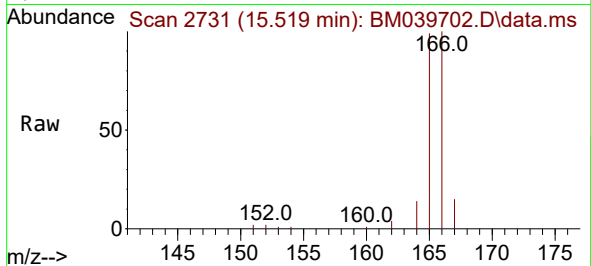




#12
Fluorene
Concen: 0.463 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

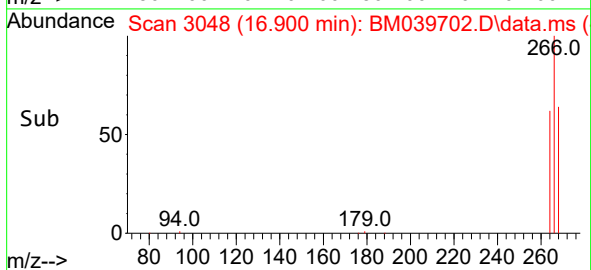
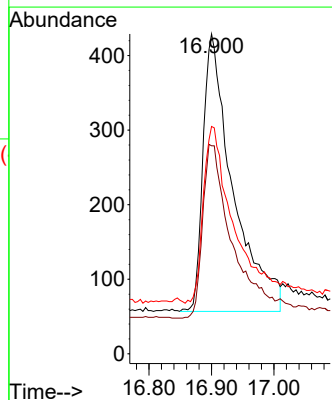
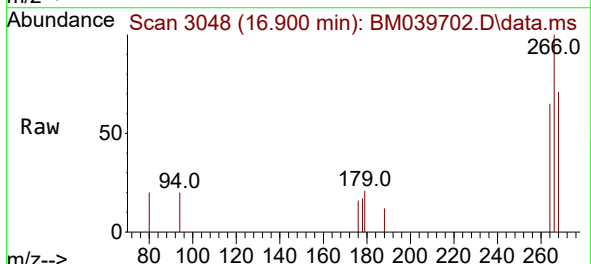
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

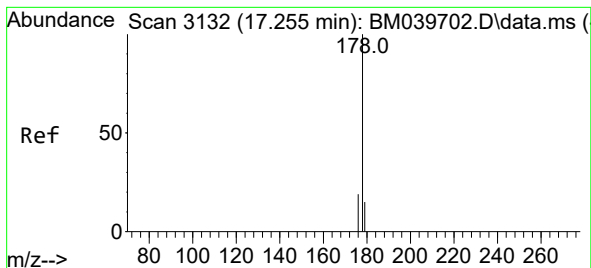
Tgt Ion:166 Resp: 10368
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.435 ng/ul
RT: 16.900 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion:266 Resp: 1230
Ion Ratio Lower Upper
266 100
264 63.6 48.8 73.2
268 65.6 50.4 75.6





#15

Phenanthrene

Concen: 0.462 ng/ul

RT: 17.255 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

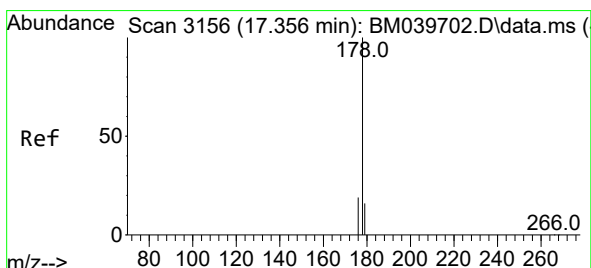
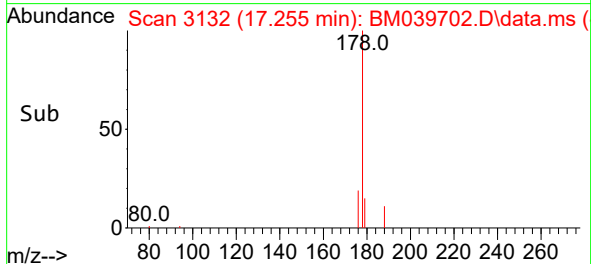
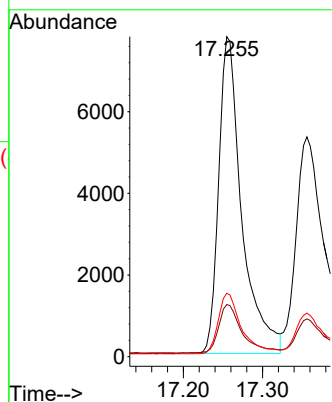
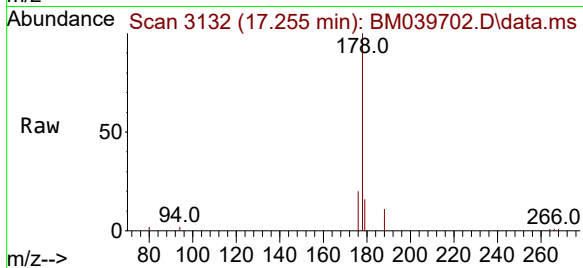
Tgt Ion:178 Resp: 15770

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.450 ng/ul

RT: 17.356 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

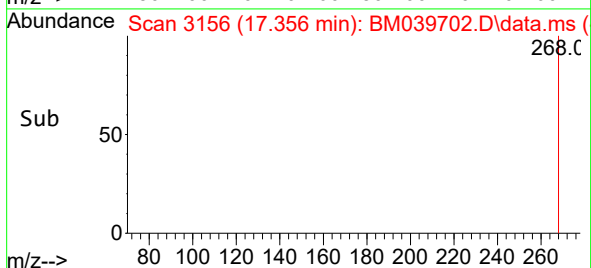
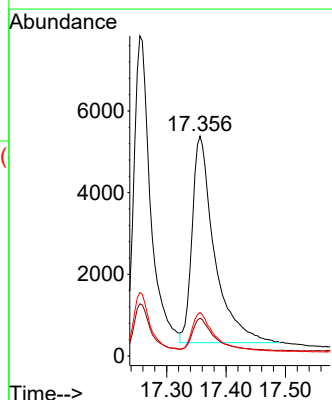
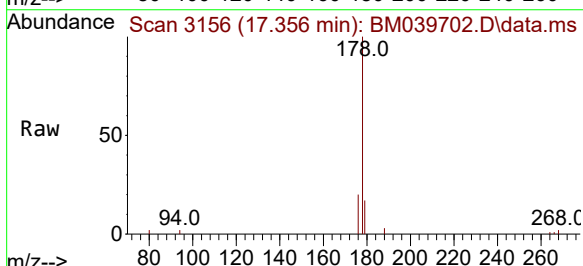
Tgt Ion:178 Resp: 13183

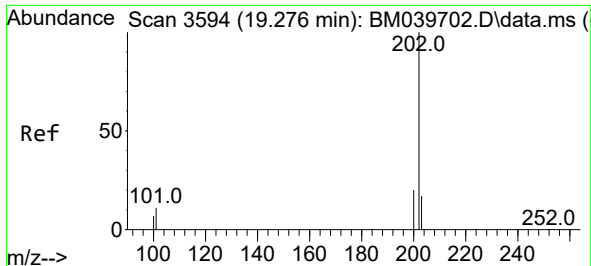
Ion Ratio Lower Upper

178 100

179 17.2 13.8 20.6

176 19.8 15.8 23.8

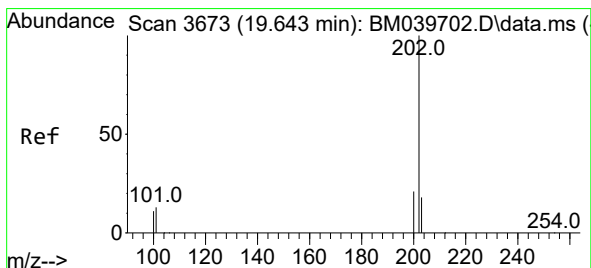
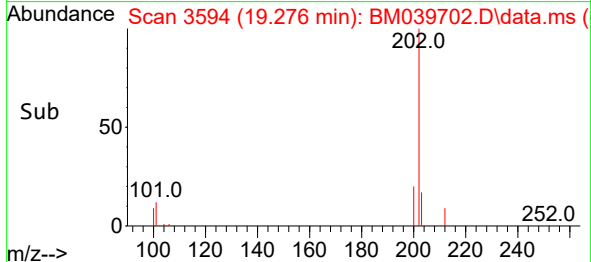
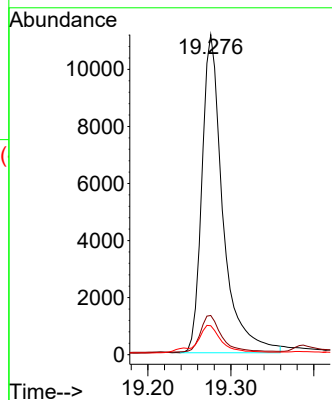
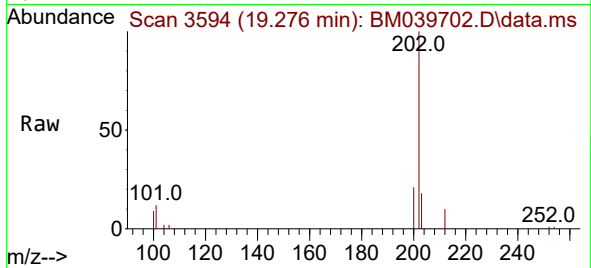




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.276 min Scan# 3594
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

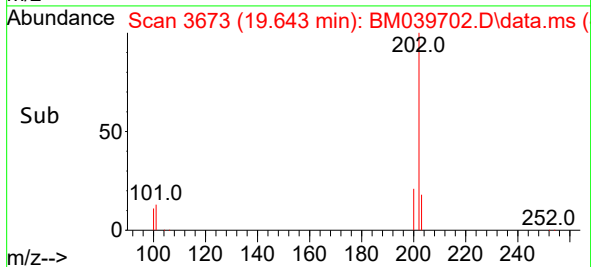
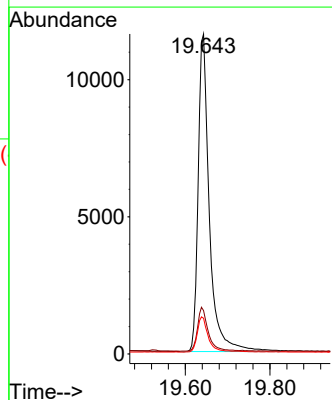
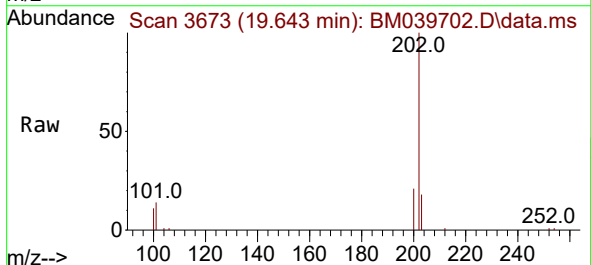
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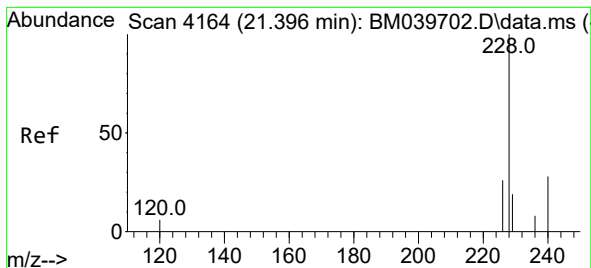
Tgt Ion:202 Resp: 19642
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion:202 Resp: 21311
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.1 8.9 13.3





#21

Benzo(a)anthracene

Concen: 0.453 ng/ul

RT: 21.396 min Scan# 4164

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

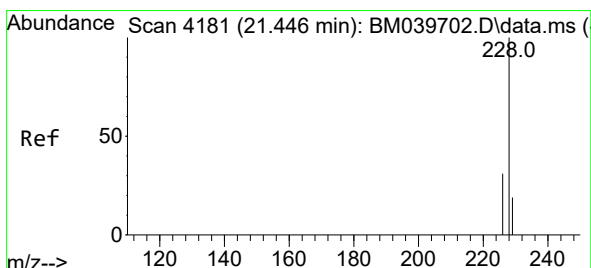
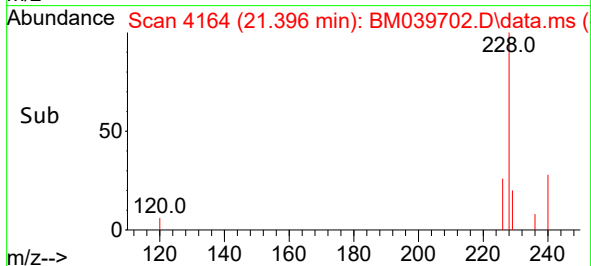
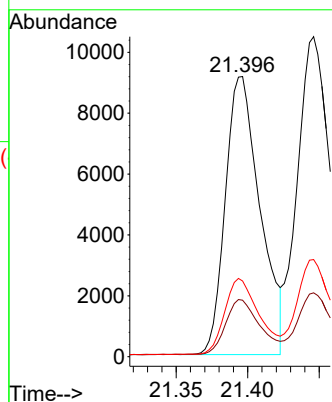
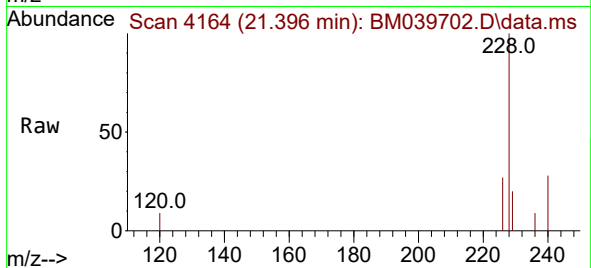
Tgt Ion:228 Resp: 15447

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.0 21.6 32.4



#22

Chrysene

Concen: 0.476 ng/ul

RT: 21.446 min Scan# 4181

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

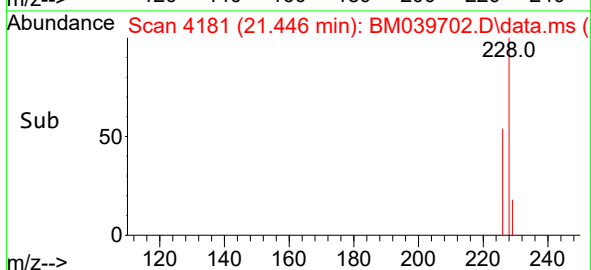
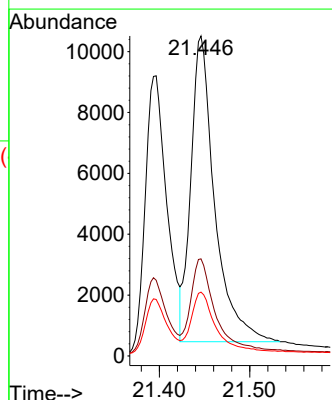
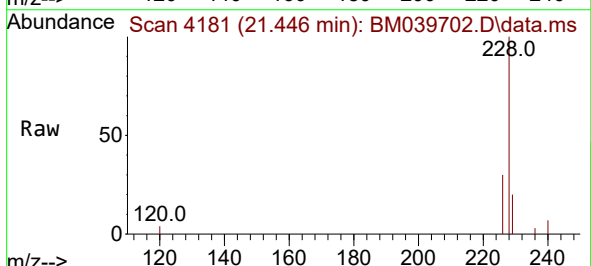
Tgt Ion:228 Resp: 18386

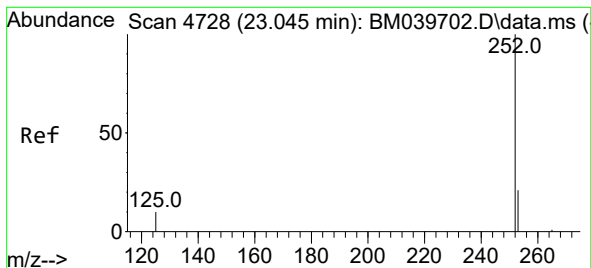
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.443 ng/ul

RT: 23.045 min Scan# 4728

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

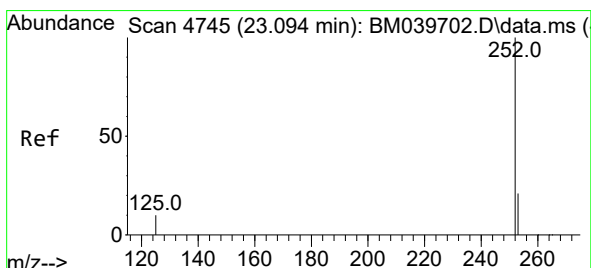
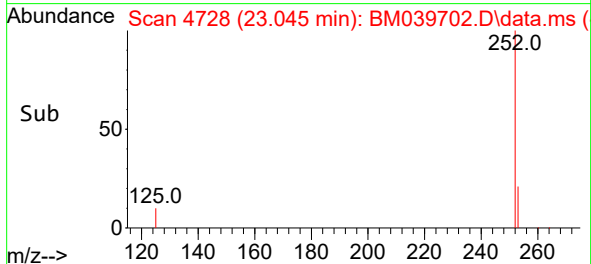
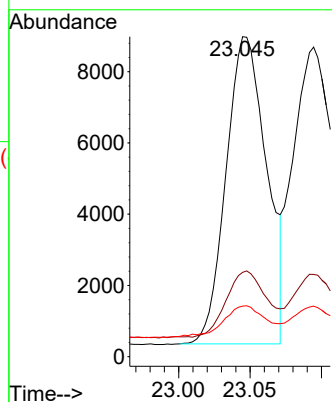
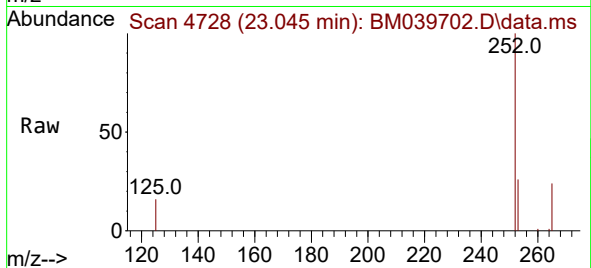
Tgt Ion:252 Resp: 16975

Ion Ratio Lower Upper

252 100

253 26.4 0.0 52.8

125 15.8 0.0 31.6



#25

Benzo(k)fluoranthene

Concen: 0.454 ng/ul

RT: 23.094 min Scan# 4745

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

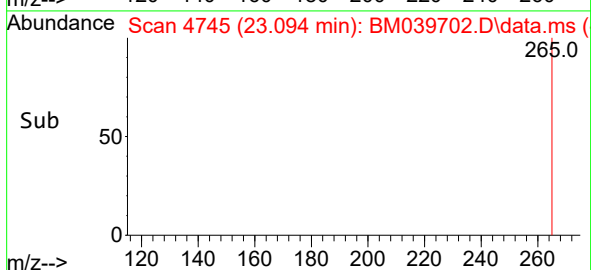
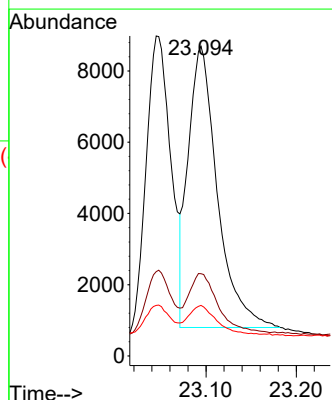
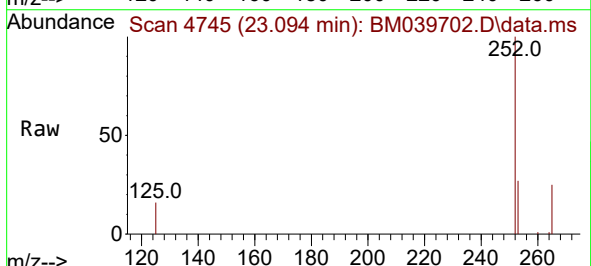
Tgt Ion:252 Resp: 17677

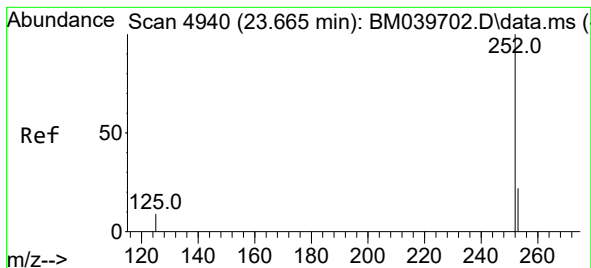
Ion Ratio Lower Upper

252 100

253 26.6 21.3 31.9

125 16.3 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.452 ng/ul

RT: 23.665 min Scan# 4940

Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

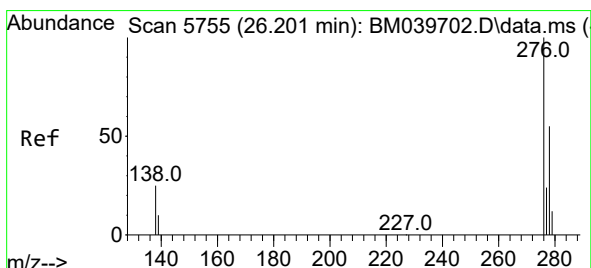
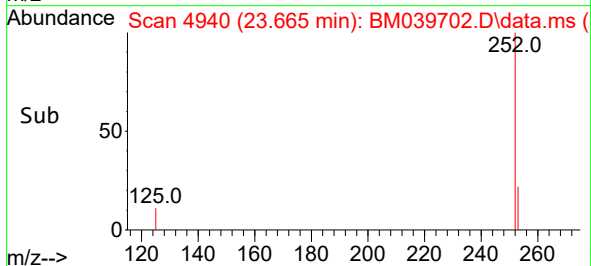
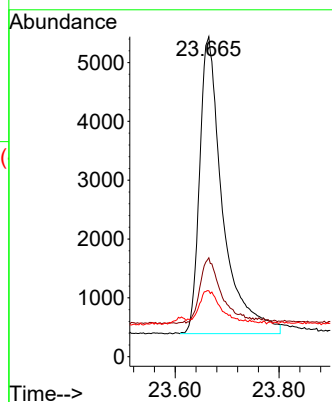
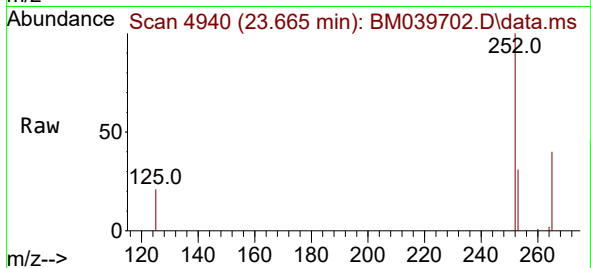
Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

Tgt Ion:	252	Resp:	15534
Ion Ratio	Lower	Upper	
252	100		
253	30.9	24.7	37.1
125	20.6	16.5	24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng/ul

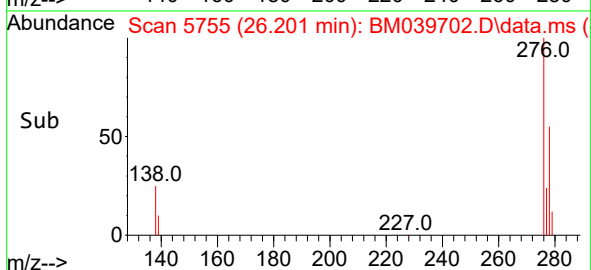
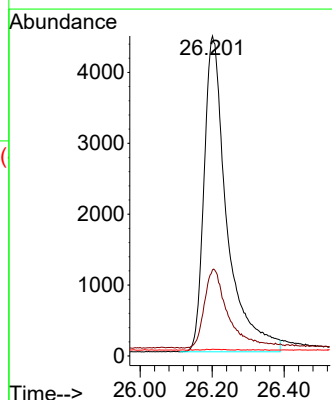
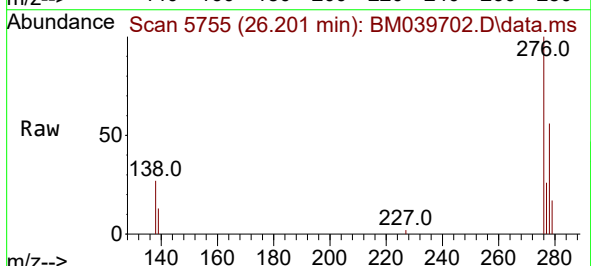
RT: 26.201 min Scan# 5755

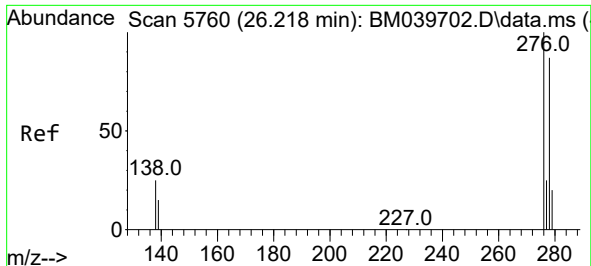
Delta R.T. 0.000 min

Lab File: BM039702.D

Acq: 27 Apr 2023 11:12

Tgt Ion:	276	Resp:	19546
Ion Ratio	Lower	Upper	
276	100		
138	26.4	21.1	31.7
227	0.1	0.1	0.1

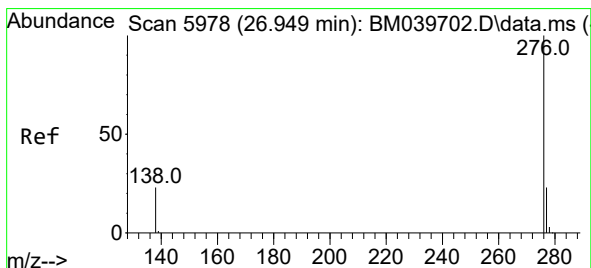
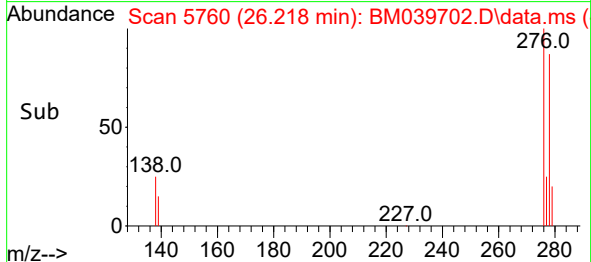
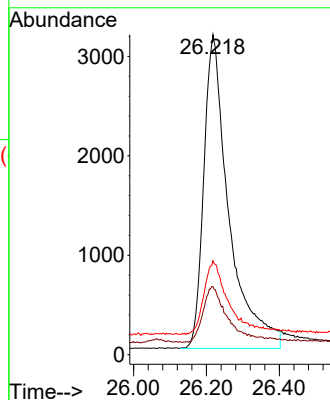
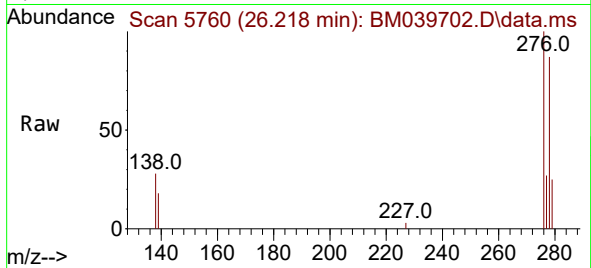




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:278 Resp: 15113
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 29.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 26.949 min Scan# 5978
Delta R.T. 0.000 min
Lab File: BM039702.D
Acq: 27 Apr 2023 11:12

Tgt Ion:276 Resp: 17318
Ion Ratio Lower Upper
276 100
138 25.1 20.1 30.1
277 25.1 20.1 30.1

