

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
 Data File : BM039952.D
 Acq On : 19 May 2023 10:50
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4107

Quant Time: May 19 16:55:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 15:08:18 2023
 Response via : Initial Calibration

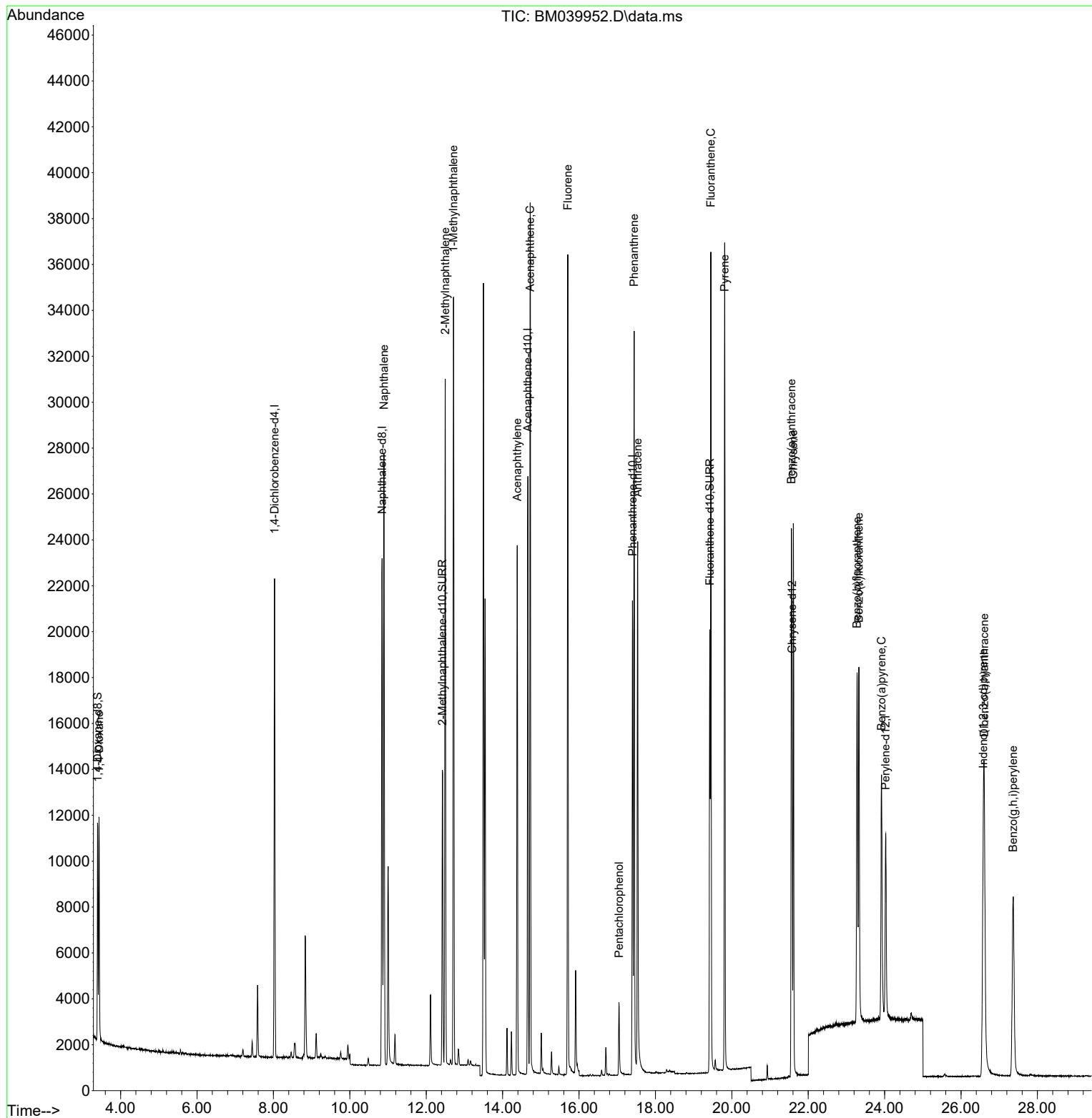
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	9920	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	29412	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	13317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	23925	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11952	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	11696	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	6011	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.422	152	16268	0.480	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	19613	0.510	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	6392	0.457	ng/ul	98
5) Naphthalene	10.893	128	35531	0.469	ng/ul	100
7) 2-Methylnaphthalene	12.499	142	20435	0.478	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	21507	0.482	ng/ul	100
10) Acenaphthylene	14.383	152	26056	0.476	ng/ul	99
11) Acenaphthene	14.720	153	21353	0.474	ng/ul	99
12) Fluorene	15.706	166	21853	0.480	ng/ul	100
14) Pentachlorophenol	17.045	266	2274	0.459	ng/ul	98
15) Phenanthrene	17.442	178	32144	0.471	ng/ul	99
16) Anthracene	17.535	178	26321	0.471	ng/ul	100
19) Fluoranthene	19.449	202	29094	0.507	ng/ul	97
20) Pyrene	19.812	202	29106	0.513	ng/ul	99
21) Benzo(a)anthracene	21.559	228	18858	0.505	ng/ul	99
22) Chrysene	21.611	228	21317	0.491	ng/ul	99
24) Benzo(b)fluoranthene	23.277	252	20498	0.442	ng/ul	98
25) Benzo(k)fluoranthene	23.327	252	20788	0.433	ng/ul	97
26) Benzo(a)pyrene	23.917	252	17693	0.472	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.581	276	21680	0.425	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.608	278	17363	0.424	ng/ul	99
29) Benzo(g,h,i)perylene	27.366	276	18519	0.423	ng/ul	99

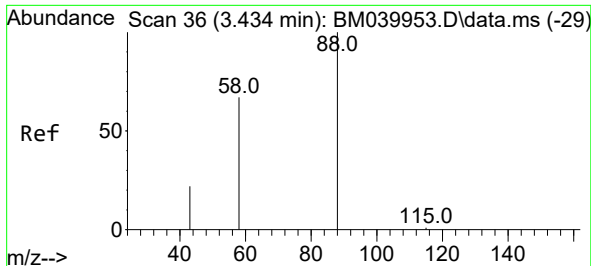
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039952.D
Acq On : 19 May 2023 10:50
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Quant Time: May 19 16:55:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 15:08:18 2023
Response via : Initial Calibration

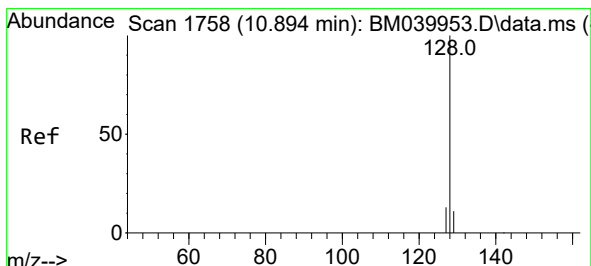
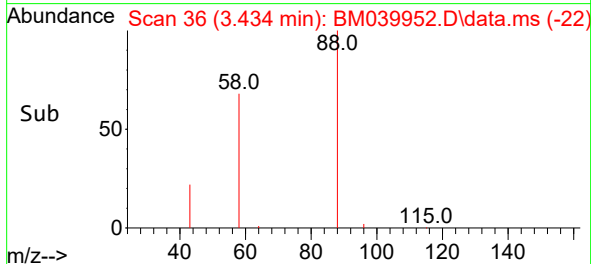
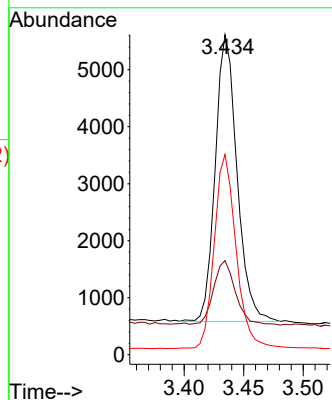
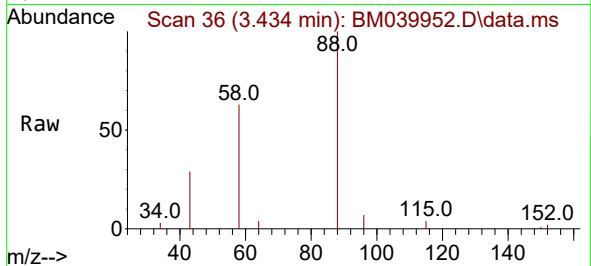




#2
1,4-Dioxane
Concen: 0.457 ng/ul
RT: 3.434 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

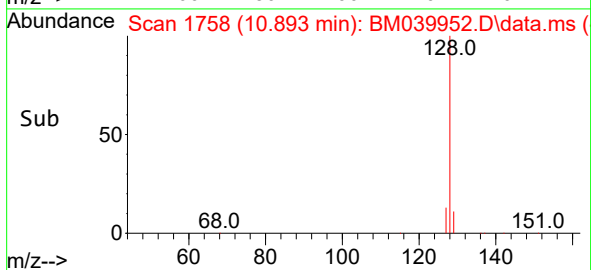
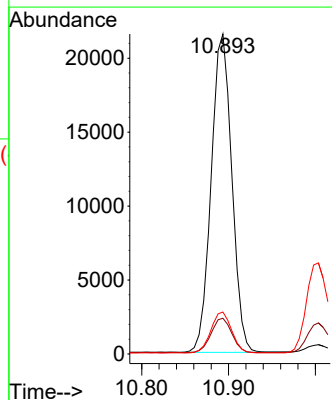
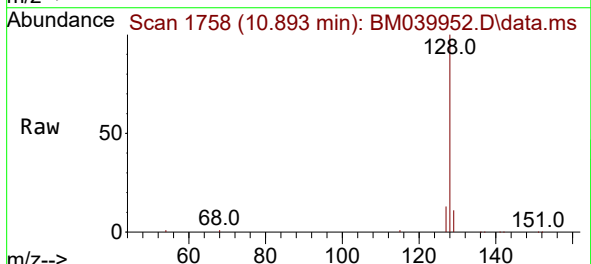
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

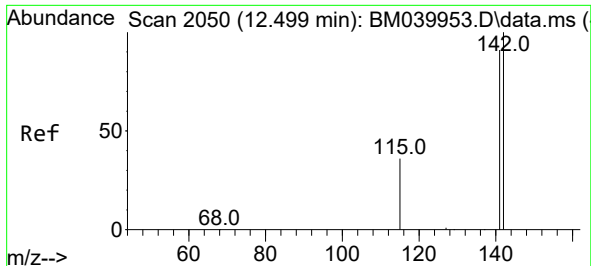
Tgt Ion: 88 Resp: 6392
Ion Ratio Lower Upper
88 100
43 29.4 21.7 32.5
58 62.6 49.4 74.0



#5
Naphthalene
Concen: 0.469 ng/ul
RT: 10.893 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Tgt Ion: 128 Resp: 35531
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.4 15.6

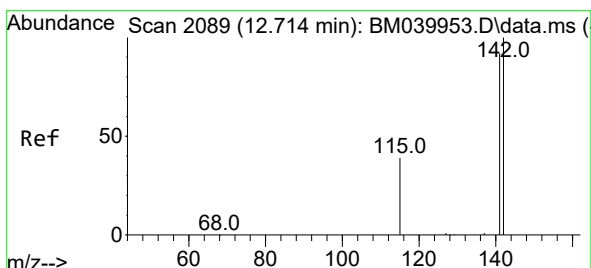
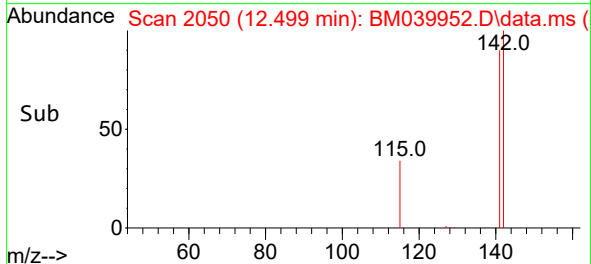
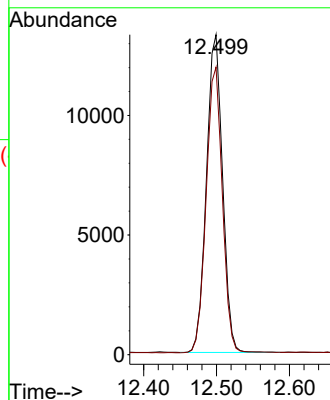
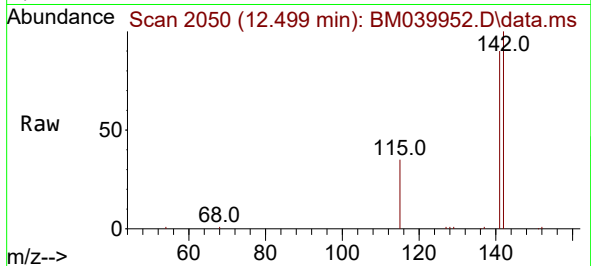




#7
2-Methylnaphthalene
Concen: 0.478 ng/ul
RT: 12.499 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

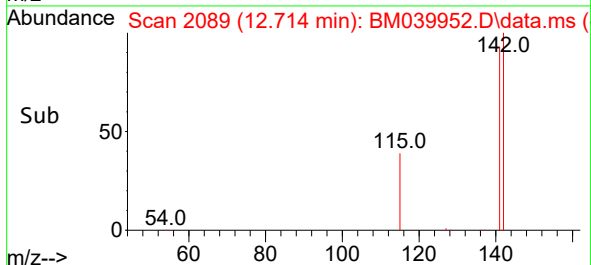
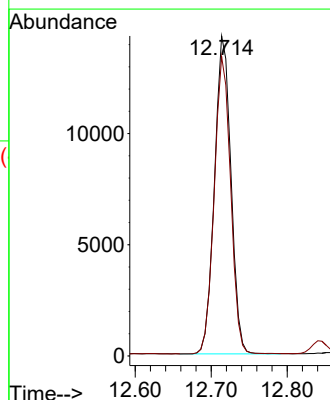
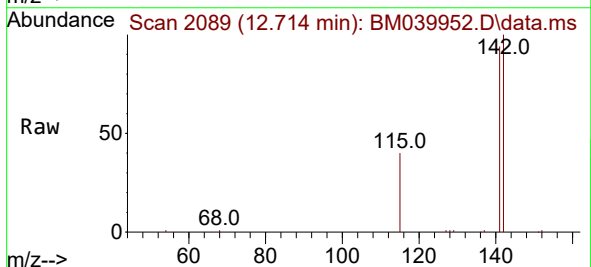
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

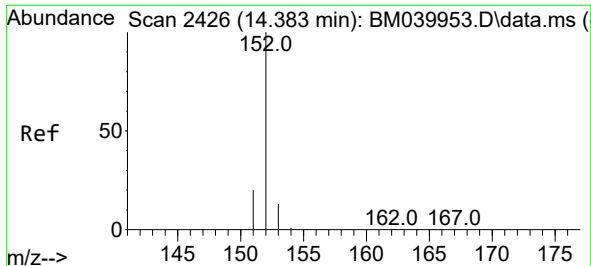
Tgt Ion:142 Resp: 20435
Ion Ratio Lower Upper
142 100
141 90.4 72.4 108.6



#8
1-Methylnaphthalene
Concen: 0.482 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Tgt Ion:142 Resp: 21507
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1

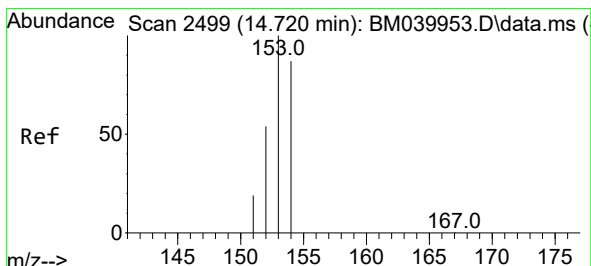
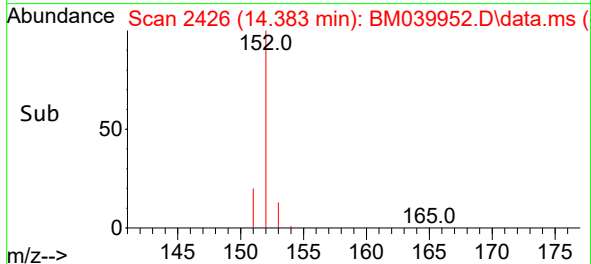
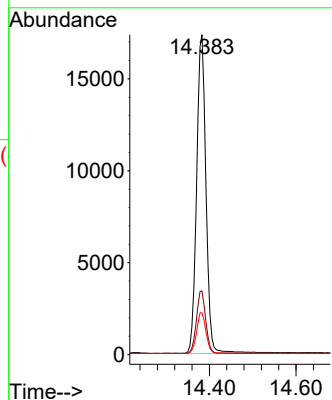
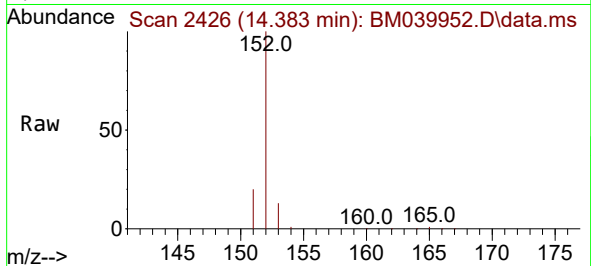




#10
Acenaphthylene
Concen: 0.476 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

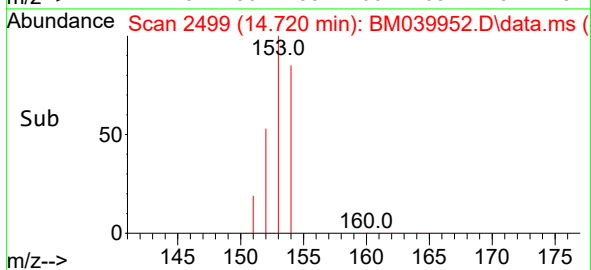
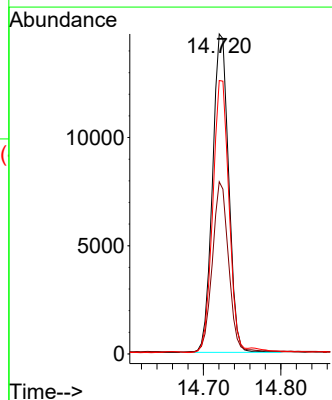
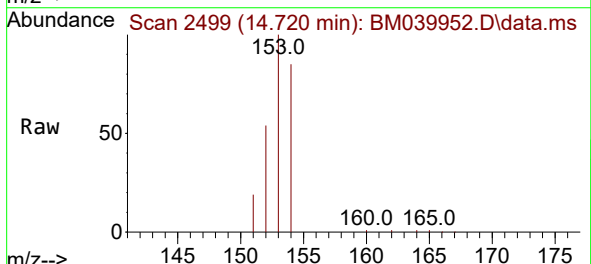
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

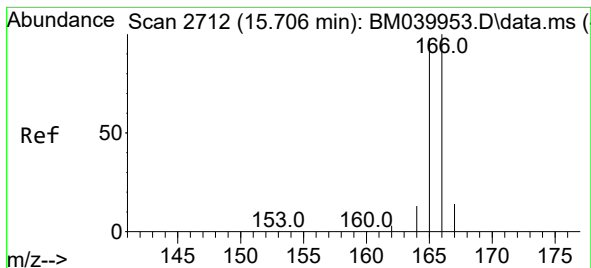
Tgt Ion:152 Resp: 26056
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.1 10.6 15.8



#11
Acenaphthene
Concen: 0.474 ng/ul
RT: 14.720 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Tgt Ion:153 Resp: 21353
Ion Ratio Lower Upper
153 100
152 53.8 43.5 65.3
154 85.4 67.8 101.6





#12

Fluorene

Concen: 0.480 ng/ul

RT: 15.706 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039952.D

Acq: 19 May 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4107

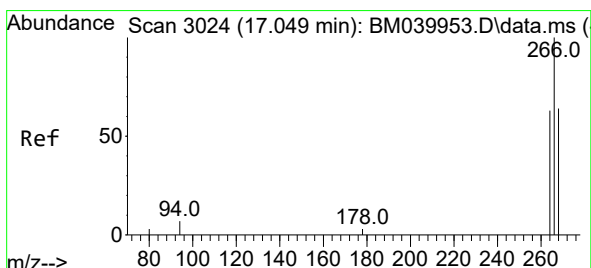
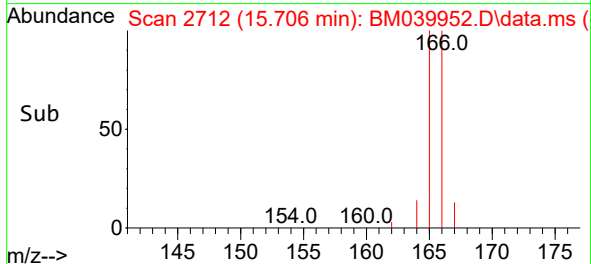
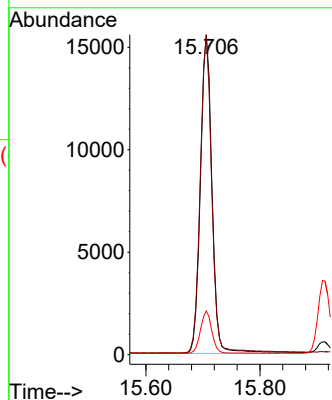
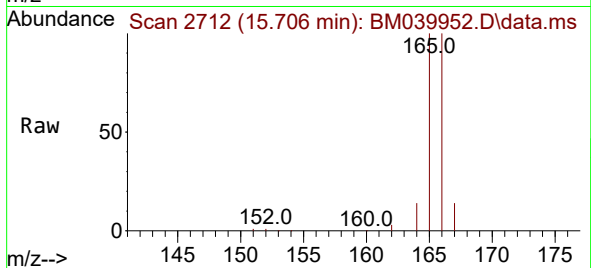
Tgt Ion:166 Resp: 21853

Ion Ratio Lower Upper

166 100

165 99.7 80.1 120.1

167 13.6 11.0 16.4



#14

Pentachlorophenol

Concen: 0.459 ng/ul

RT: 17.045 min Scan# 3023

Delta R.T. 0.000 min

Lab File: BM039952.D

Acq: 19 May 2023 10:50

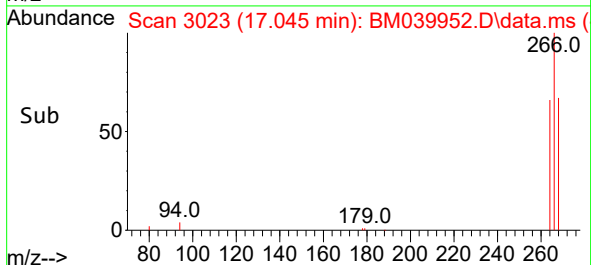
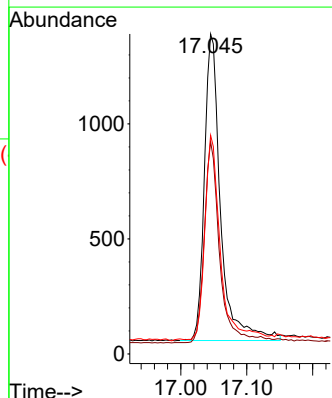
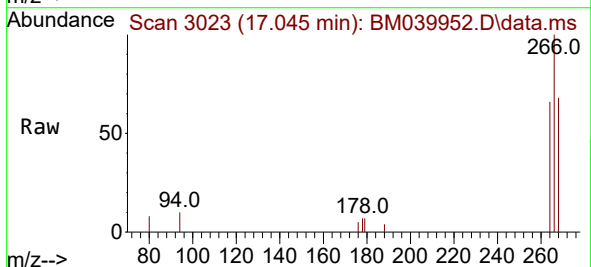
Tgt Ion:266 Resp: 2274

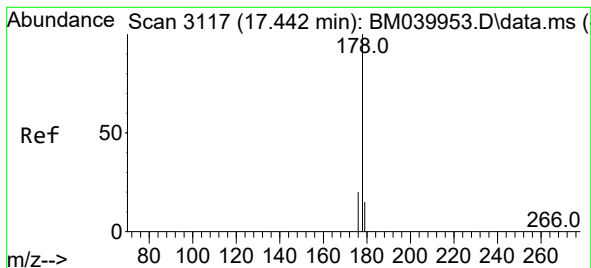
Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.6

268 64.1 53.4 80.2





#15

Phenanthrene

Concen: 0.471 ng/ul

RT: 17.442 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM039952.D

Acq: 19 May 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4107

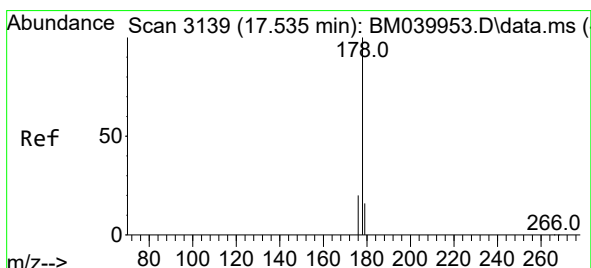
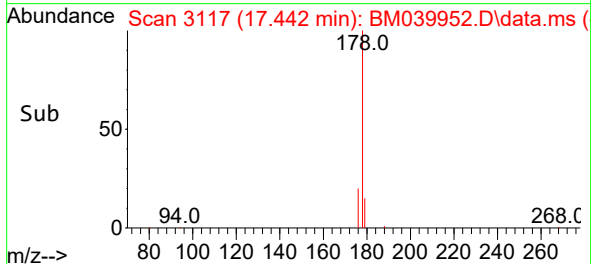
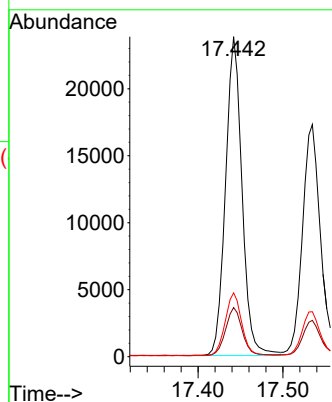
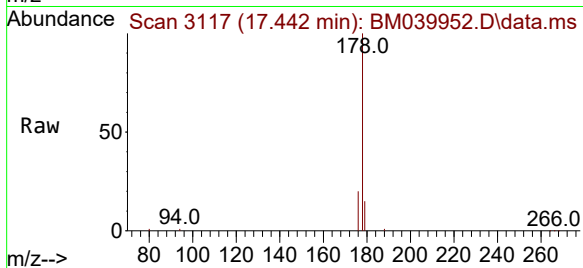
Tgt Ion:178 Resp: 32144

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 20.0 16.6 24.8



#16

Anthracene

Concen: 0.471 ng/ul

RT: 17.535 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BM039952.D

Acq: 19 May 2023 10:50

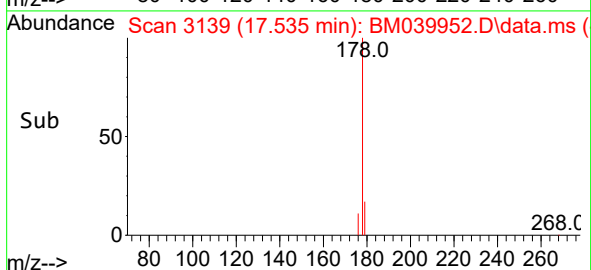
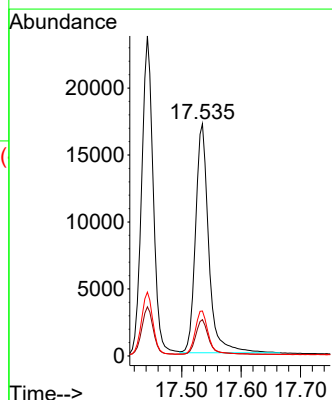
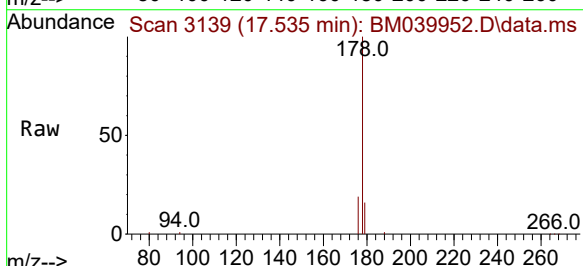
Tgt Ion:178 Resp: 26321

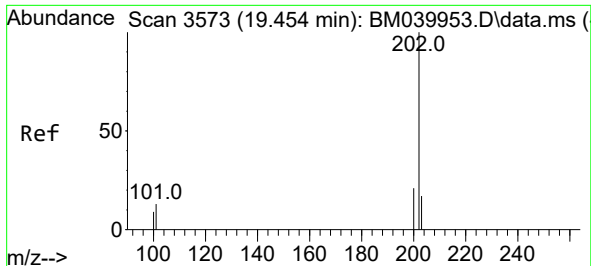
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 19.3 15.6 23.4

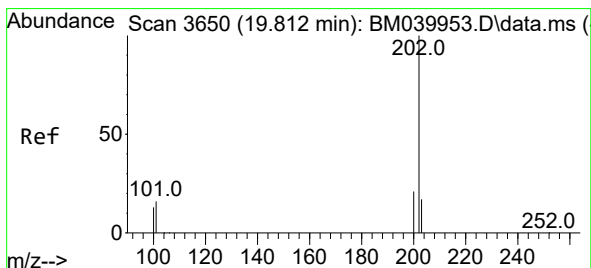
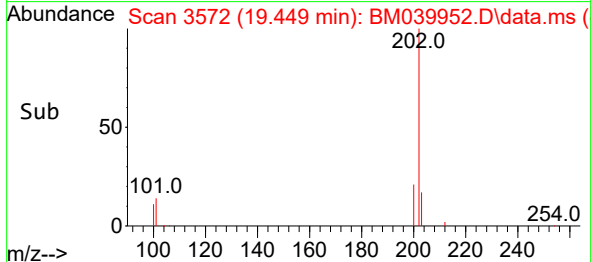
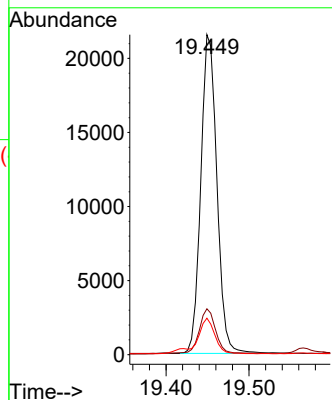
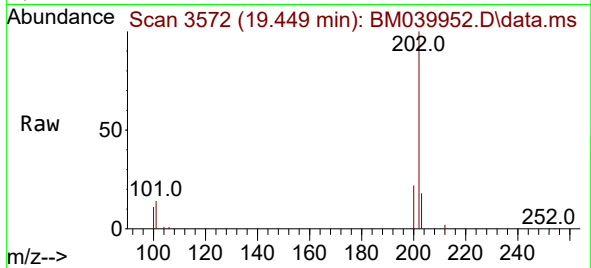




#19
Fluoranthene
Concen: 0.507 ng/ul
RT: 19.449 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

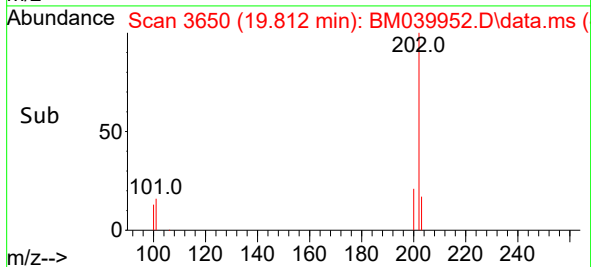
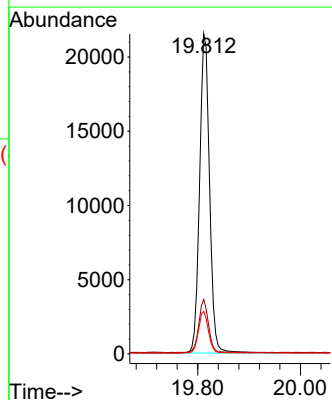
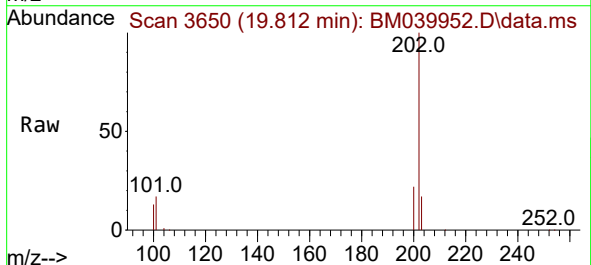
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

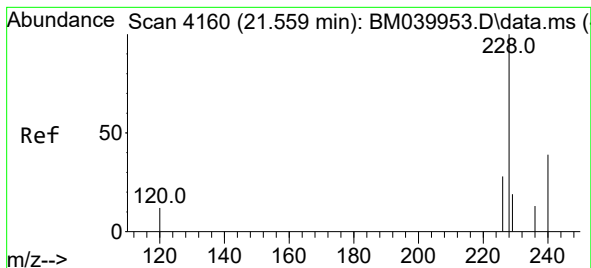
Tgt Ion:202 Resp: 29094
Ion Ratio Lower Upper
202 100
101 14.4 10.8 16.2
100 11.4 8.2 12.4



#20
Pyrene
Concen: 0.513 ng/ul
RT: 19.812 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Tgt Ion:202 Resp: 29106
Ion Ratio Lower Upper
202 100
101 17.0 13.8 20.6
100 13.3 11.1 16.7





#21

Benzo(a)anthracene

Concen: 0.505 ng/ul

RT: 21.559 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM039952.D

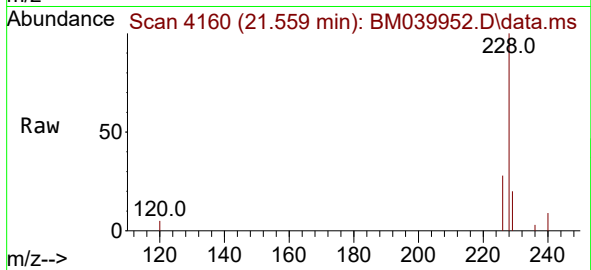
Acq: 19 May 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTD0.4107



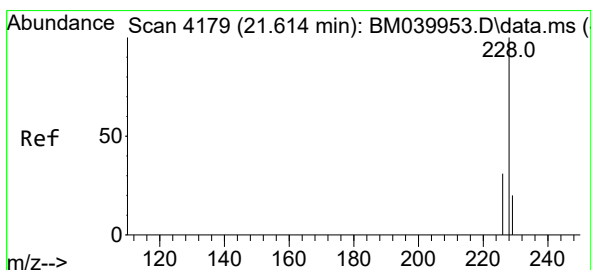
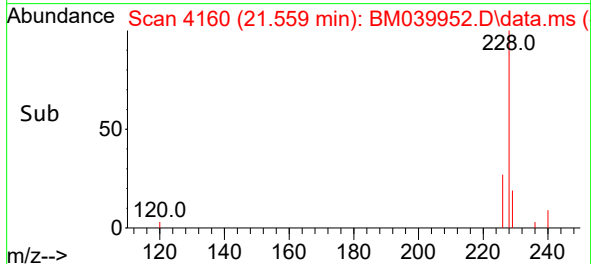
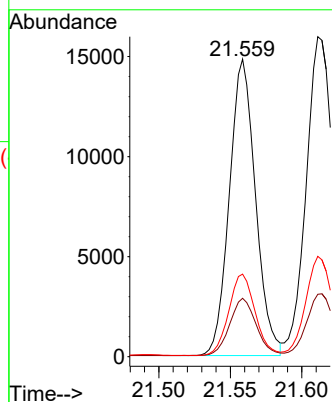
Tgt Ion:228 Resp: 18858

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.7 22.7 34.1



#22

Chrysene

Concen: 0.491 ng/ul

RT: 21.611 min Scan# 4178

Delta R.T. -0.003 min

Lab File: BM039952.D

Acq: 19 May 2023 10:50

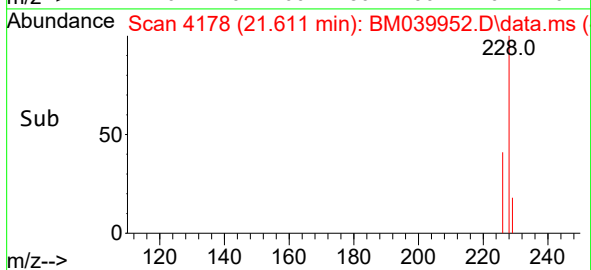
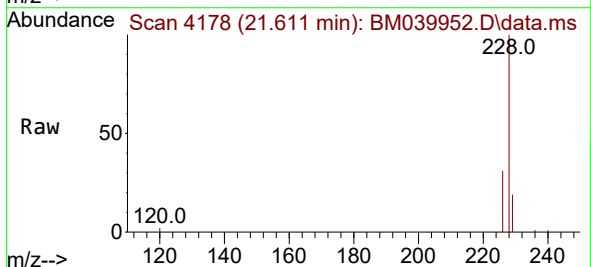
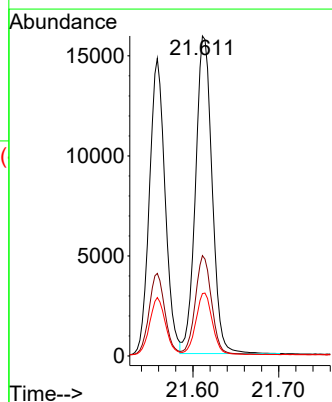
Tgt Ion:228 Resp: 21317

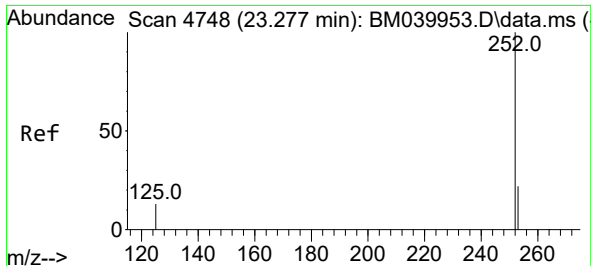
Ion Ratio Lower Upper

228 100

226 31.4 24.6 36.8

229 19.5 15.8 23.6

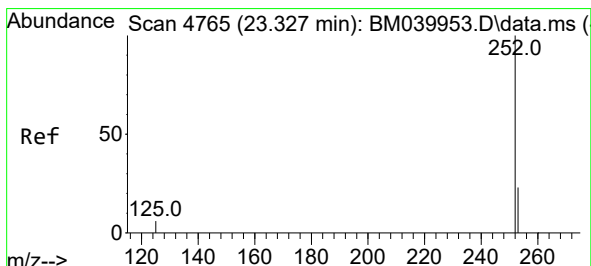
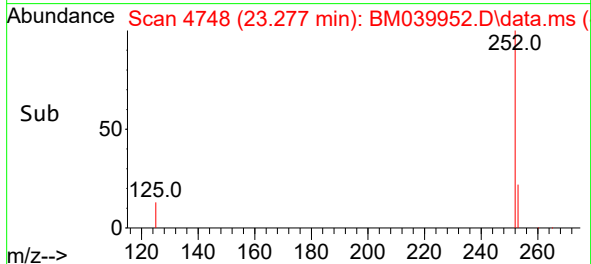
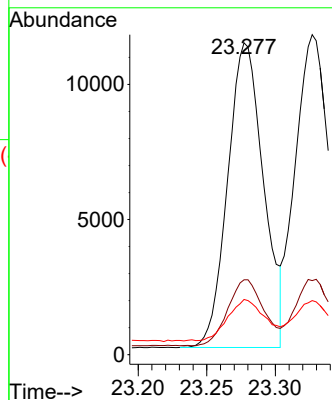
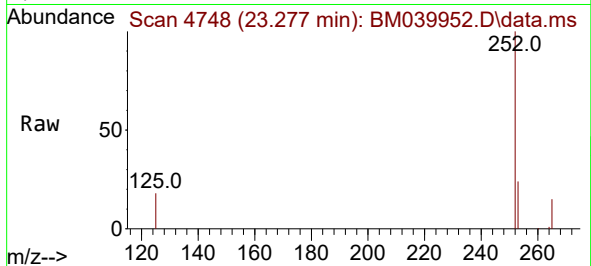




#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.277 min Scan# 4748
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

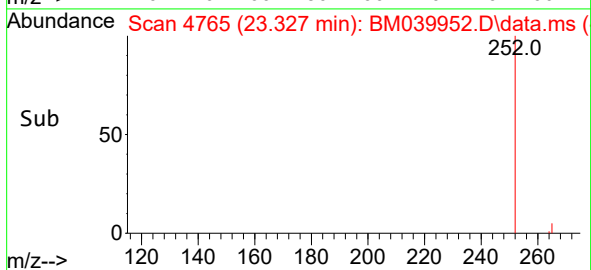
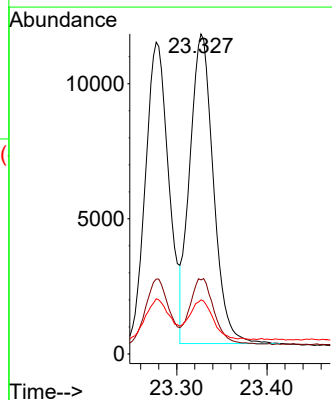
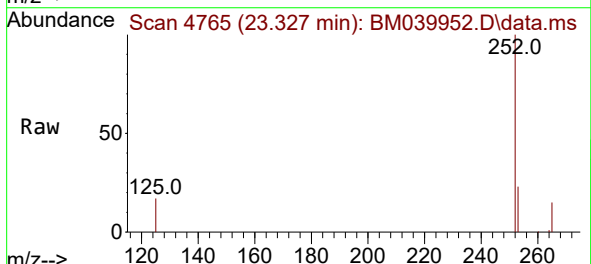
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

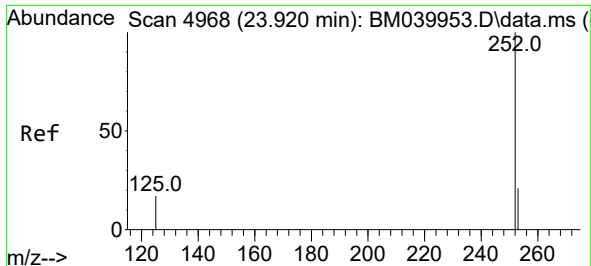
Tgt Ion:252 Resp: 20498
Ion Ratio Lower Upper
252 100
253 24.0 0.0 49.2
125 17.7 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.327 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

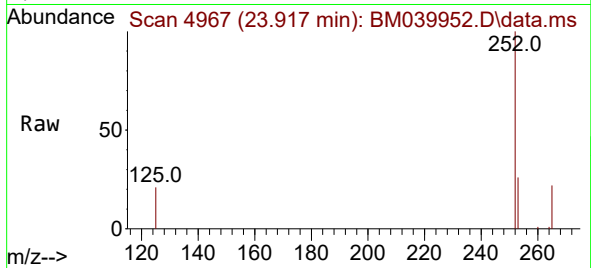
Tgt Ion:252 Resp: 20788
Ion Ratio Lower Upper
252 100
253 23.1 19.8 29.8
125 16.9 14.7 22.1



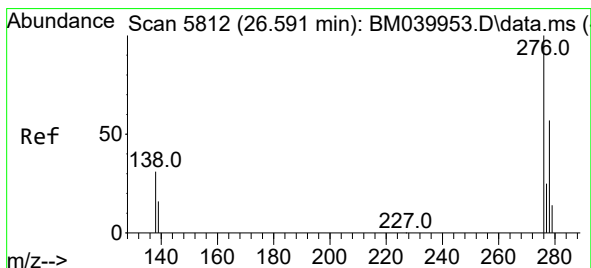
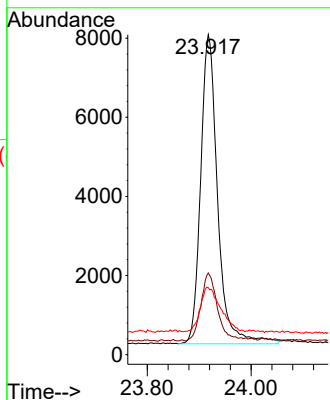
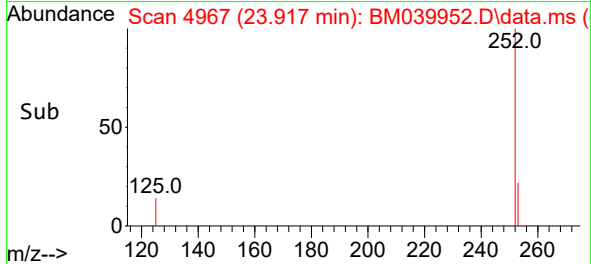


#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.917 min Scan# 4967
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

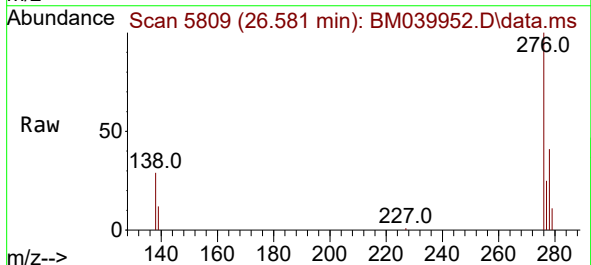
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107



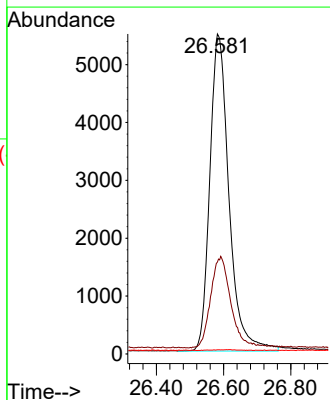
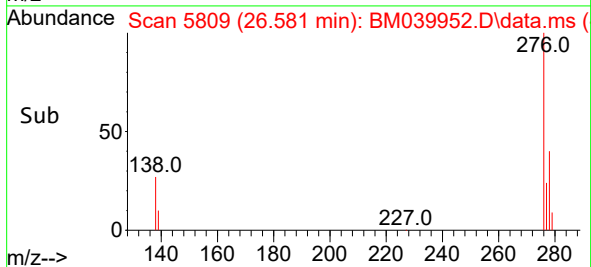
Tgt Ion:252 Resp: 17693
Ion Ratio Lower Upper
252 100
253 25.6 20.3 30.5
125 21.0 17.8 26.8

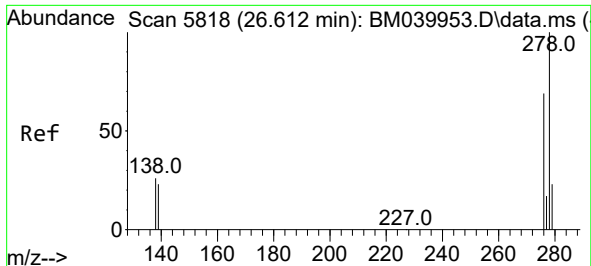


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 26.581 min Scan# 5809
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50



Tgt Ion:276 Resp: 21680
Ion Ratio Lower Upper
276 100
138 30.6 24.8 37.2
227 0.0 0.1 0.1#

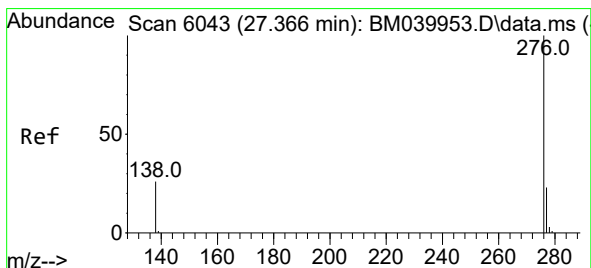
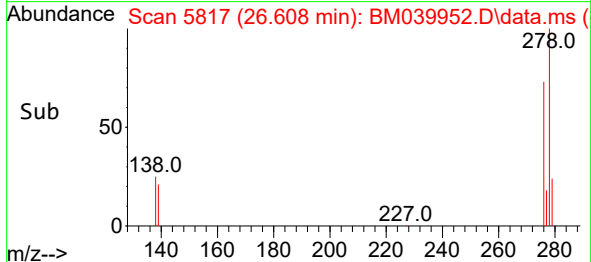
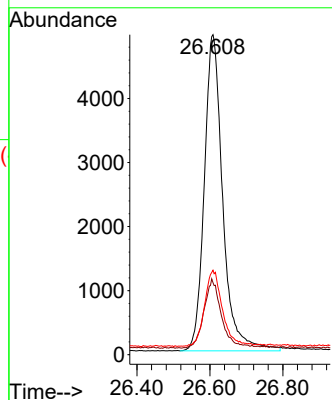
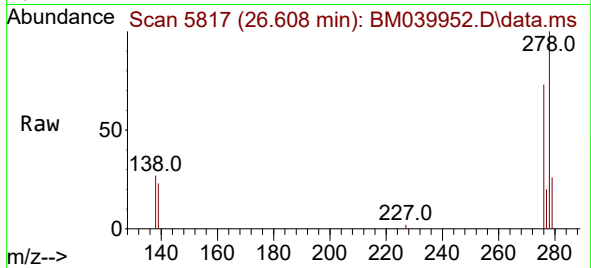




#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.608 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:278 Resp: 17363
Ion Ratio Lower Upper
278 100
139 22.5 18.4 27.6
279 26.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 27.366 min Scan# 6043
Delta R.T. -0.003 min
Lab File: BM039952.D
Acq: 19 May 2023 10:50

Tgt Ion:276 Resp: 18519
Ion Ratio Lower Upper
276 100
138 28.2 23.1 34.7
277 25.2 19.9 29.9

