

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
 Data File : BM039954.D
 Acq On : 19 May 2023 12:02
 Operator : CG/JU
 Sample : SSTD0.265
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2044

Quant Time: May 19 16:55:55 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)

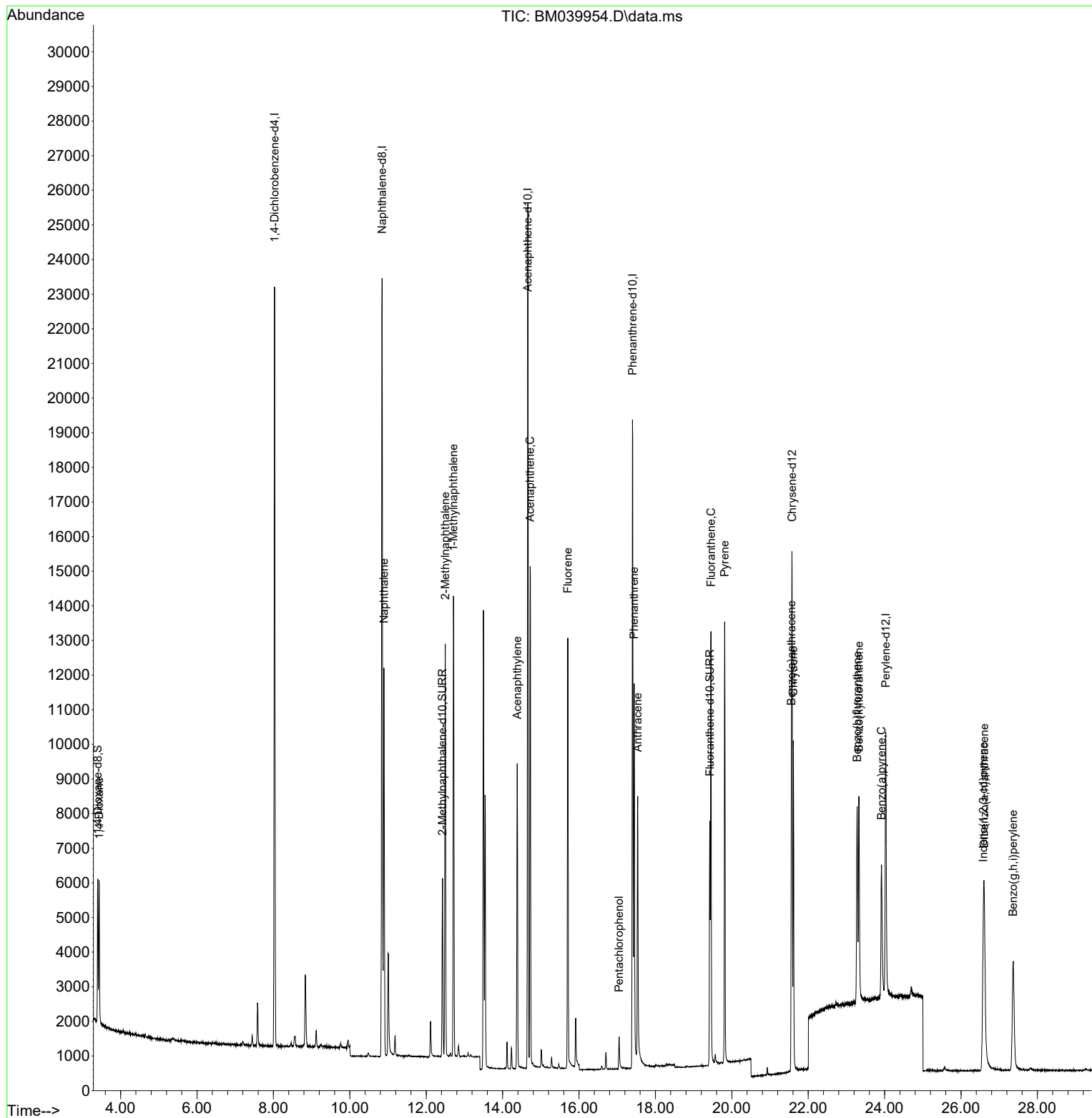
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	10513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	30027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	12877	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	21836	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11632	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	11036	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	2700	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.422	152	6561	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	7158	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	2833	0.191	ng/ul	92
5) Naphthalene	10.894	128	14830	0.192	ng/ul	99
7) 2-Methylnaphthalene	12.499	142	8161	0.187	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	8569	0.188	ng/ul	100
10) Acenaphthylene	14.383	152	9771	0.184	ng/ul	99
11) Acenaphthene	14.721	153	8208	0.189	ng/ul	99
12) Fluorene	15.706	166	8045	0.183	ng/ul	100
14) Pentachlorophenol	17.049	266	722	0.160	ng/ul	98
15) Phenanthrene	17.442	178	11775	0.189	ng/ul	98
16) Anthracene	17.535	178	9236	0.181	ng/ul	98
19) Fluoranthene	19.454	202	10451	0.187	ng/ul	99
20) Pyrene	19.812	202	10370	0.188	ng/ul	99
21) Benzo(a)anthracene	21.559	228	6766	0.186	ng/ul	99
22) Chrysene	21.611	228	8026	0.190	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	7806	0.178	ng/ul	92
25) Benzo(k)fluoranthene	23.327	252	8121	0.179	ng/ul#	93
26) Benzo(a)pyrene	23.918	252	6578	0.186	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.585	276	8858	0.184	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.608	278	6986	0.181	ng/ul	94
29) Benzo(g,h,i)perylene	27.366	276	7457	0.181	ng/ul	96

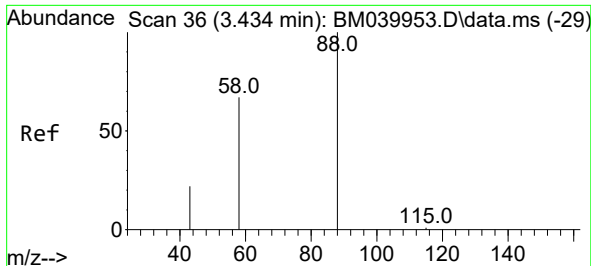
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039954.D
Acq On : 19 May 2023 12:02
Operator : CG/JU
Sample : SST0.265
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Quant Time: May 19 16:55:55 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

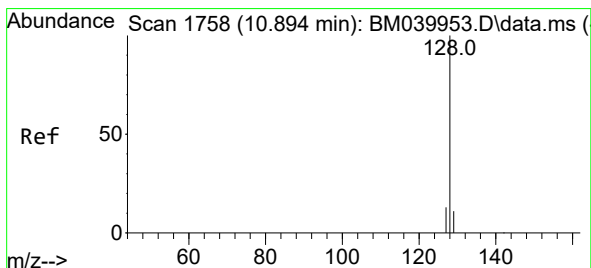
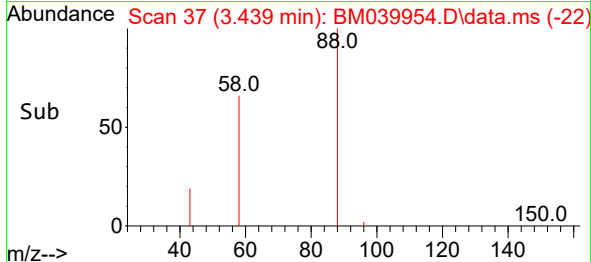
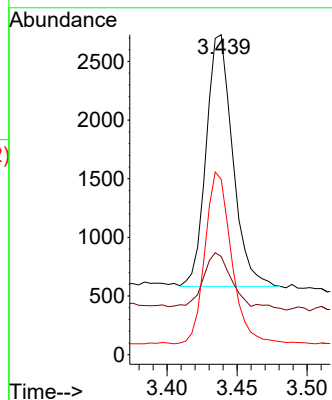
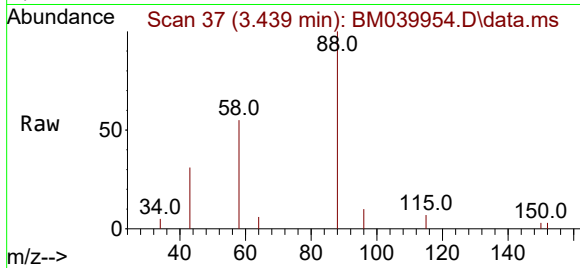




#2
1,4-Dioxane
Concen: 0.191 ng/ul
RT: 3.439 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

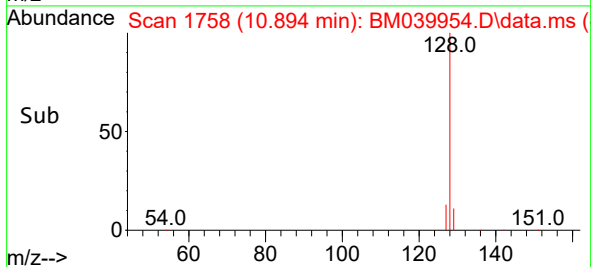
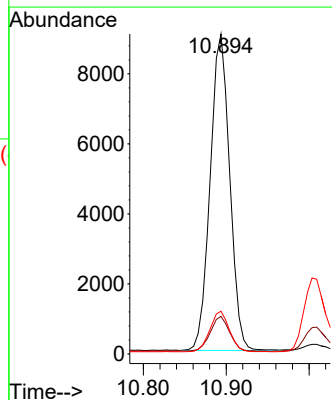
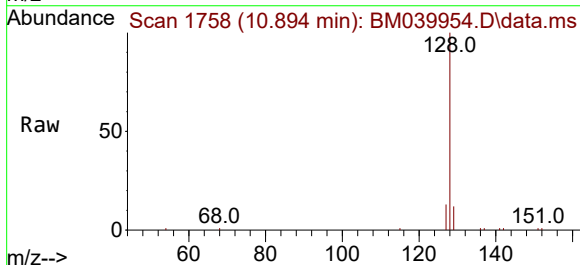
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

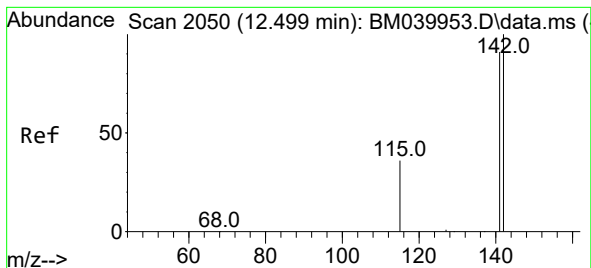
Tgt Ion: 88 Resp: 2833
Ion Ratio Lower Upper
88 100
43 30.7 21.7 32.5
58 54.8 49.4 74.0



#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion: 128 Resp: 14830
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.4 10.4 15.6

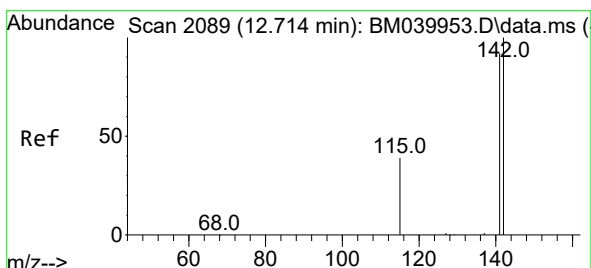
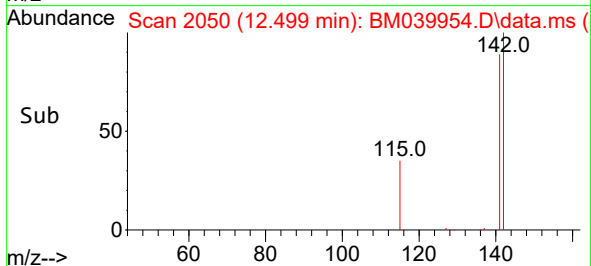
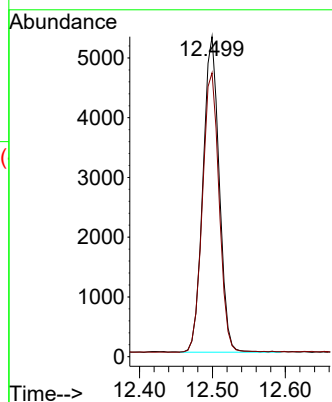
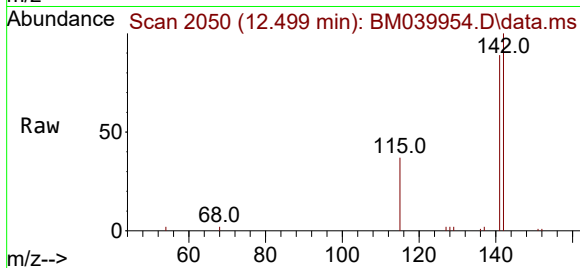




#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.499 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

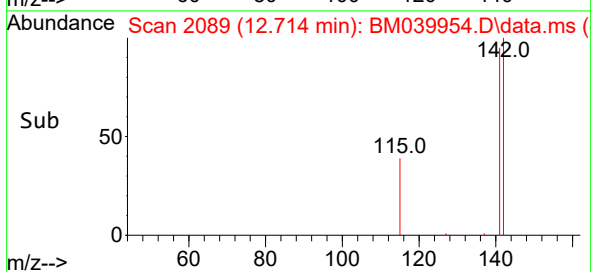
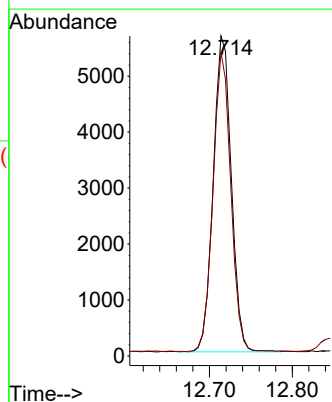
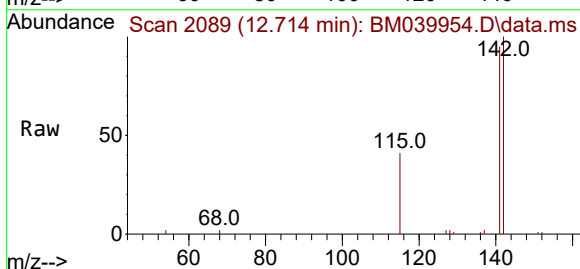
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

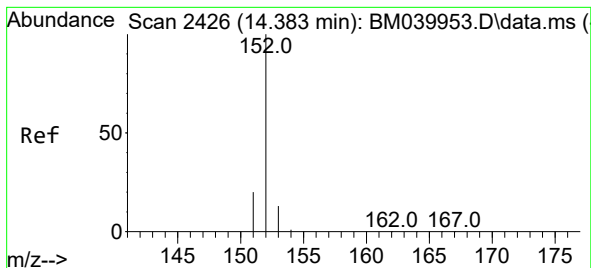
Tgt Ion:142 Resp: 8161
Ion Ratio Lower Upper
142 100
141 90.8 72.4 108.6



#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:142 Resp: 8569
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1





#10

Acenaphthylene

Concen: 0.184 ng/ul

RT: 14.383 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

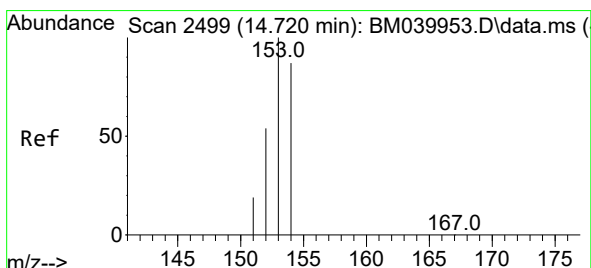
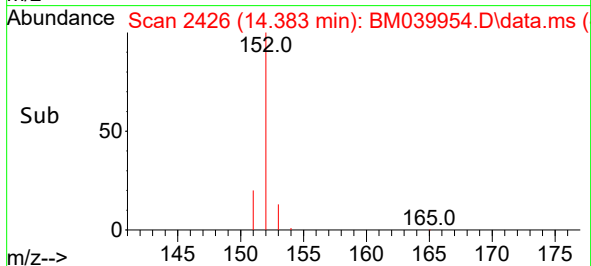
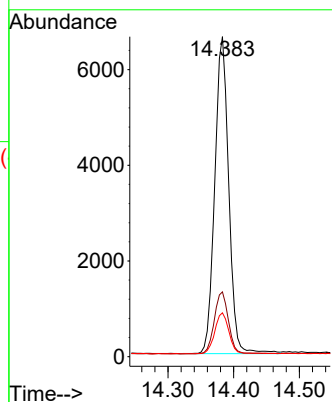
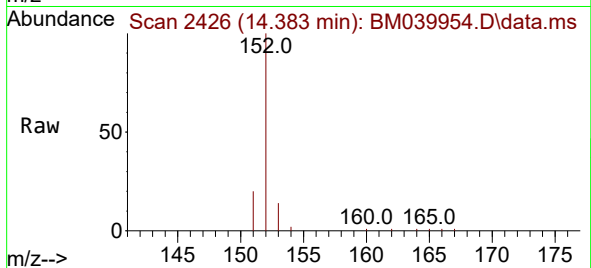
Tgt Ion:152 Resp: 9771

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.7 10.6 15.8



#11

Acenaphthene

Concen: 0.189 ng/ul

RT: 14.721 min Scan# 2499

Delta R.T. 0.000 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

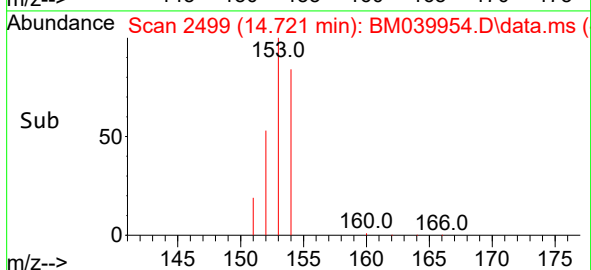
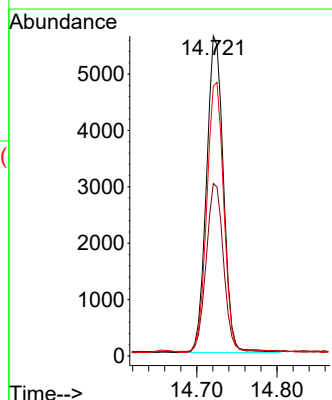
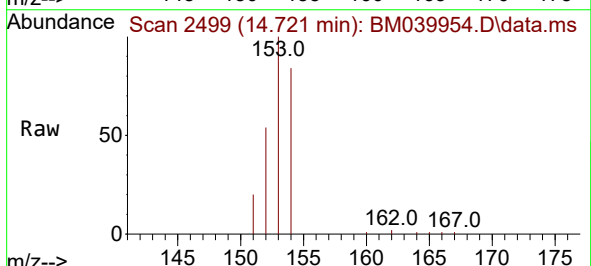
Tgt Ion:153 Resp: 8208

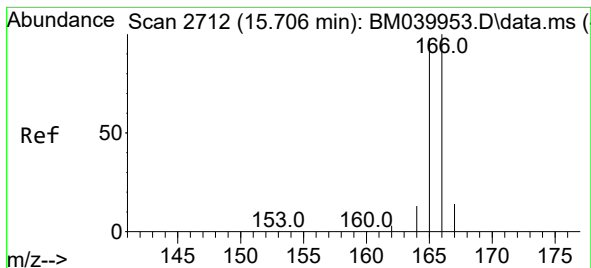
Ion Ratio Lower Upper

153 100

152 53.9 43.5 65.3

154 84.4 67.8 101.6





#12

Fluorene

Concen: 0.183 ng/ul

RT: 15.706 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

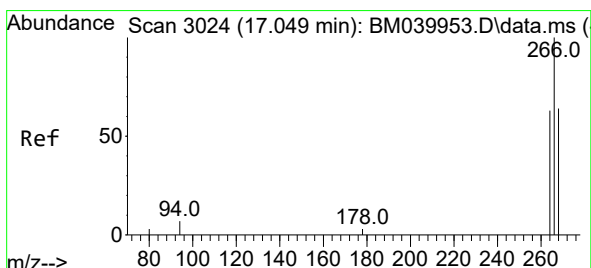
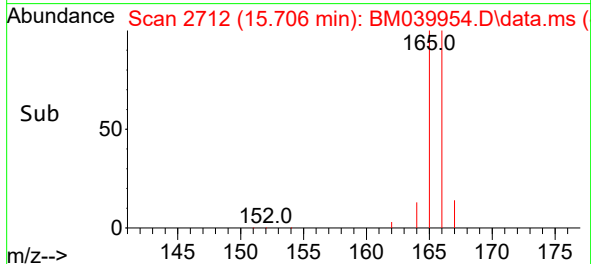
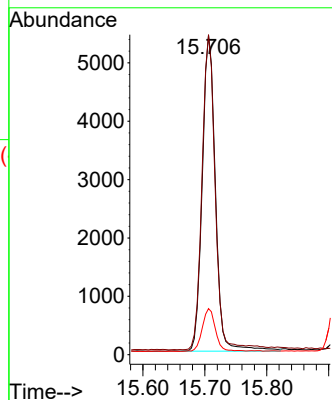
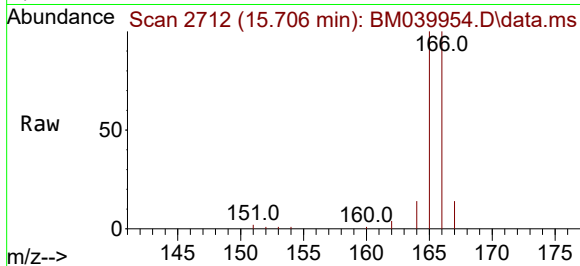
Tgt Ion:166 Resp: 8045

Ion Ratio Lower Upper

166 100

165 100.2 80.1 120.1

167 14.5 11.0 16.4



#14

Pentachlorophenol

Concen: 0.160 ng/ul

RT: 17.049 min Scan# 3024

Delta R.T. 0.004 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

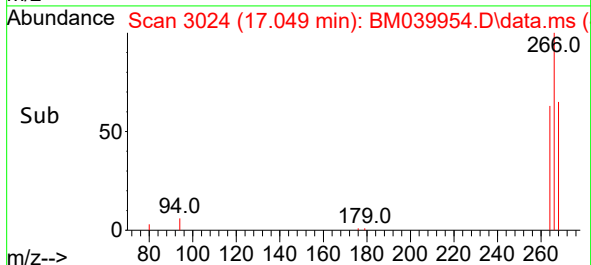
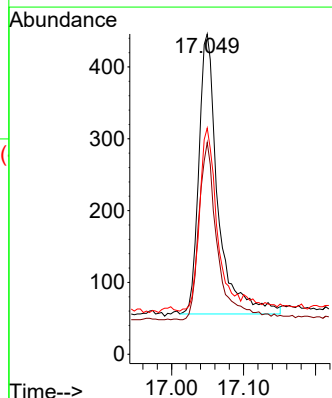
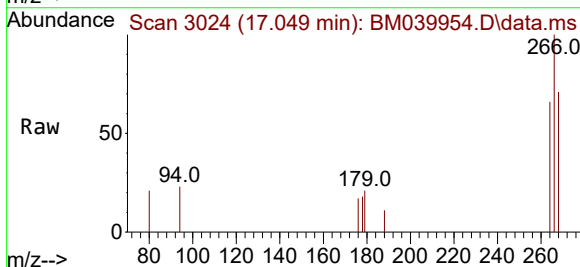
Tgt Ion:266 Resp: 722

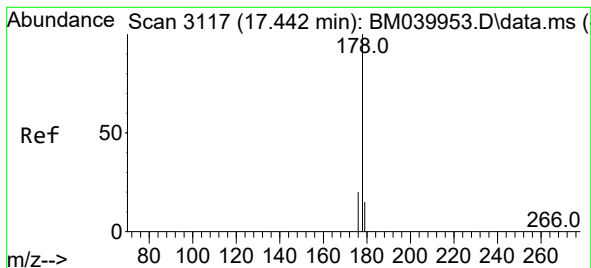
Ion Ratio Lower Upper

266 100

264 62.3 51.0 76.6

268 65.7 53.4 80.2





#15

Phenanthrene

Concen: 0.189 ng/ul

RT: 17.442 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

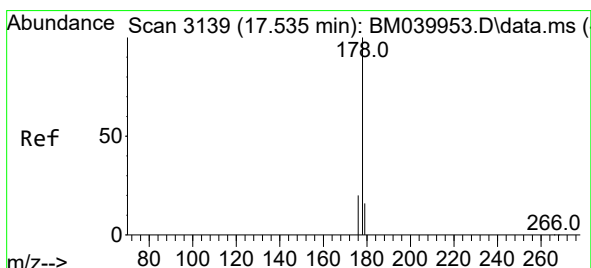
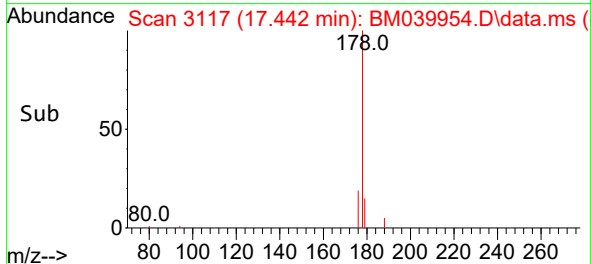
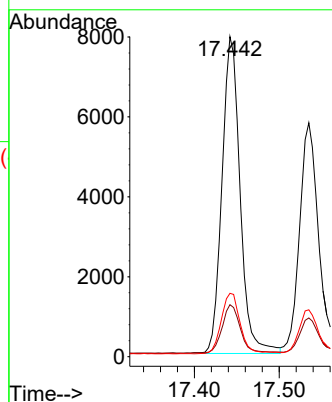
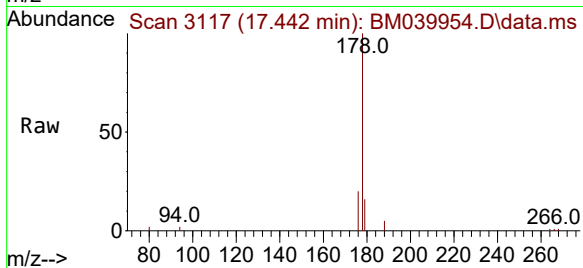
Tgt Ion:178 Resp: 11775

Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

176 19.8 16.6 24.8



#16

Anthracene

Concen: 0.181 ng/ul

RT: 17.535 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BM039954.D

Acq: 19 May 2023 12:02

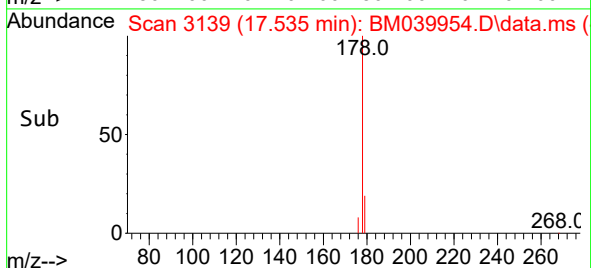
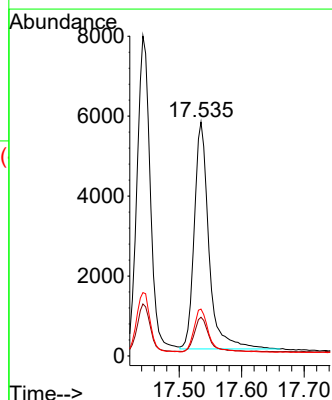
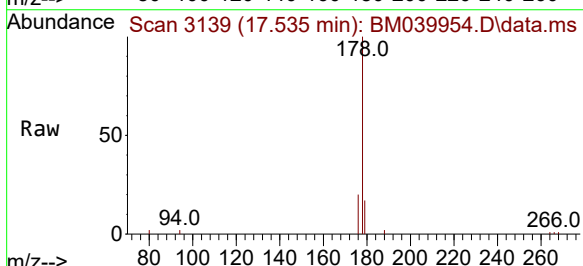
Tgt Ion:178 Resp: 9236

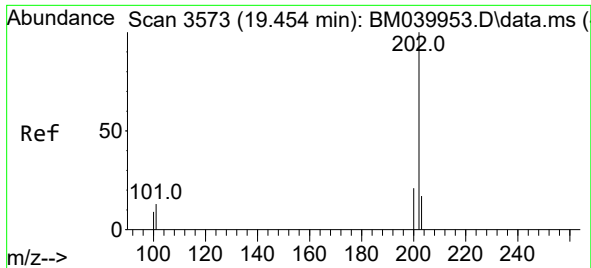
Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

176 20.1 15.6 23.4

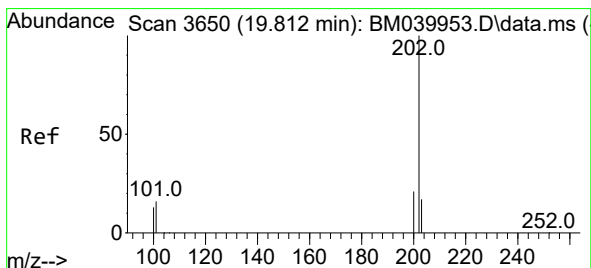
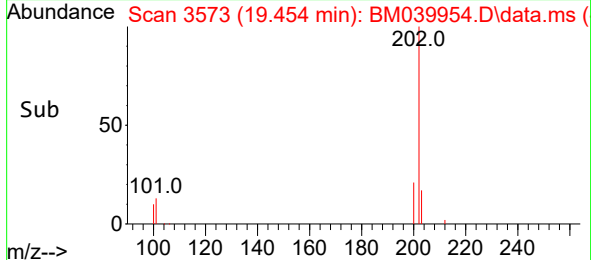
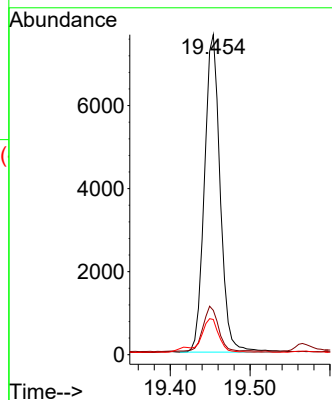
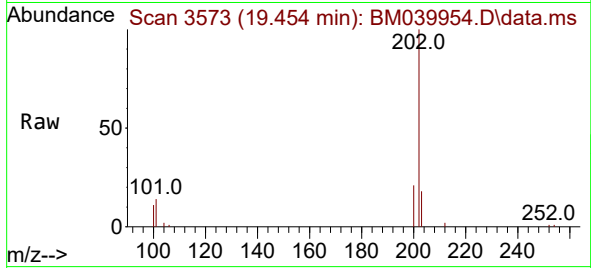




#19
Fluoranthene
Concen: 0.187 ng/ul
RT: 19.454 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

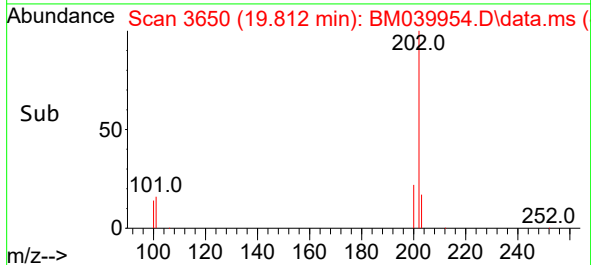
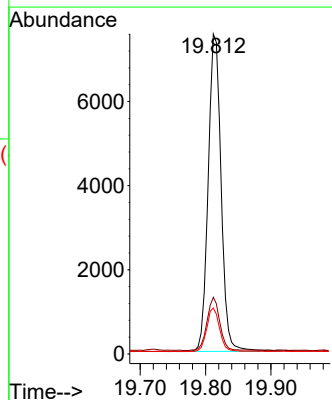
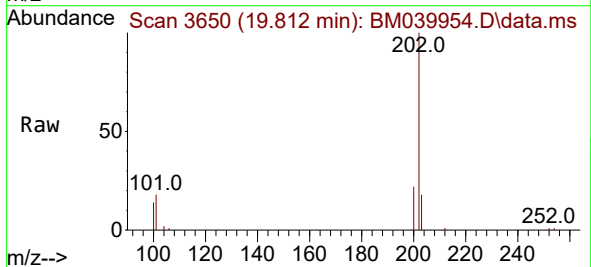
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

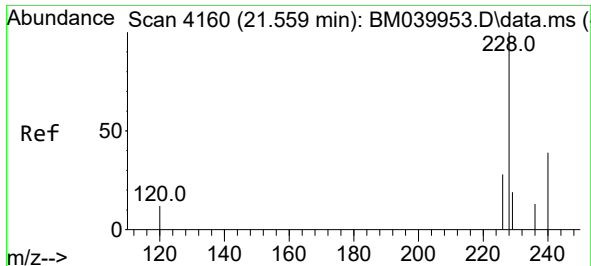
Tgt Ion:202 Resp: 10451
Ion Ratio Lower Upper
202 100
101 13.9 10.8 16.2
100 11.0 8.2 12.4



#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.812 min Scan# 3650
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:202 Resp: 10370
Ion Ratio Lower Upper
202 100
101 17.7 13.8 20.6
100 14.3 11.1 16.7

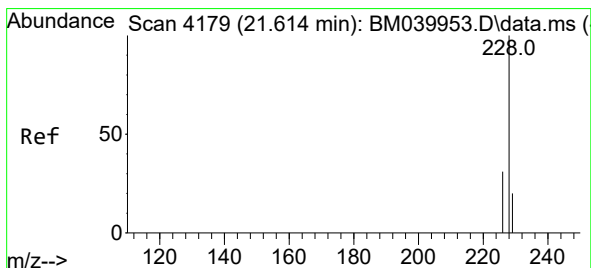
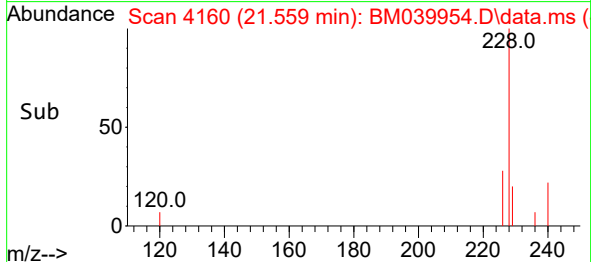
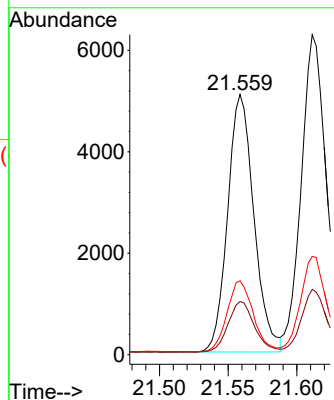
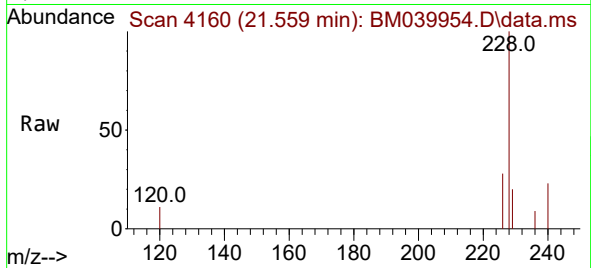




#21
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.559 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

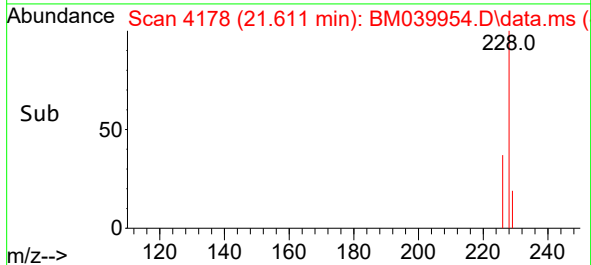
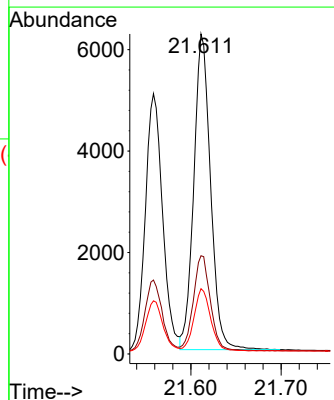
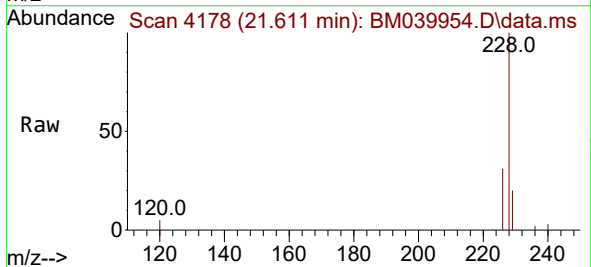
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

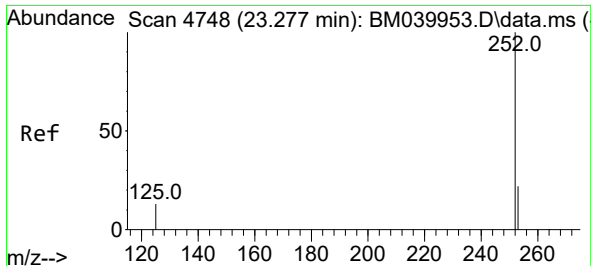
Tgt Ion:228 Resp: 6766
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.4 22.7 34.1



#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.611 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:228 Resp: 8026
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 20.4 15.8 23.6

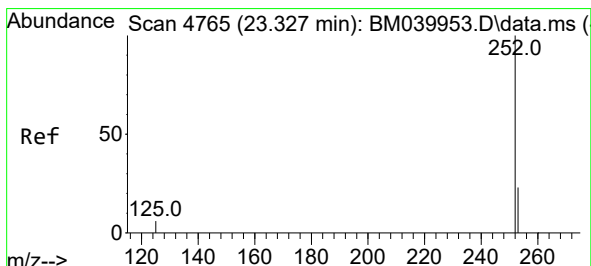
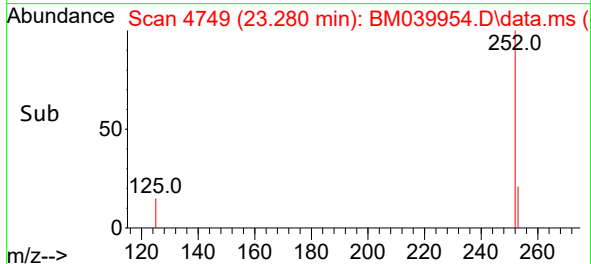
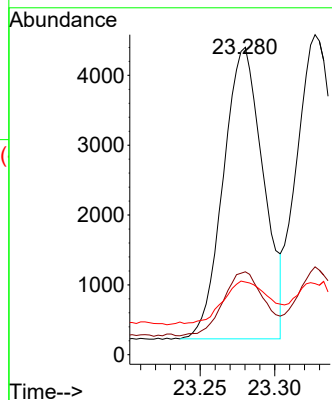
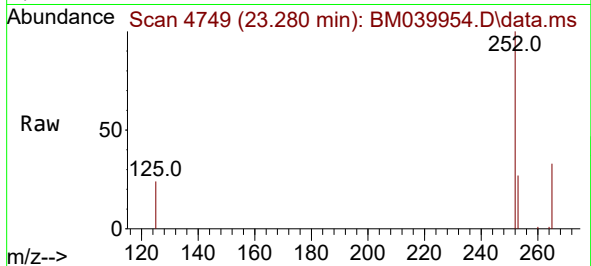




#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul
RT: 23.280 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

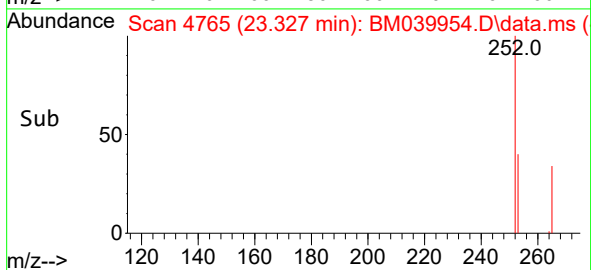
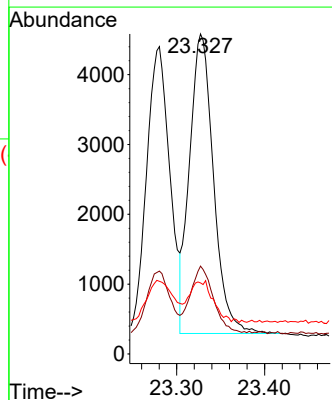
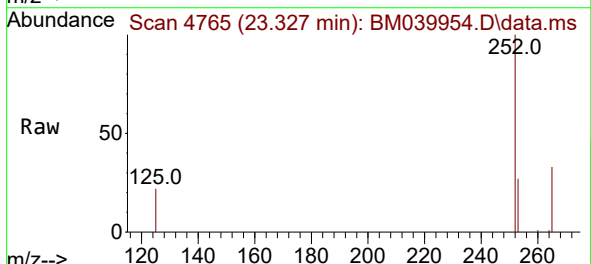
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

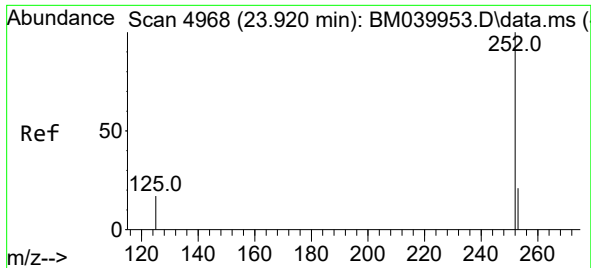
Tgt Ion:252 Resp: 7806
Ion Ratio Lower Upper
252 100
253 27.0 0.0 49.2
125 23.6 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul
RT: 23.327 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:252 Resp: 8121
Ion Ratio Lower Upper
252 100
253 27.5 19.8 29.8
125 22.2 14.7 22.1#

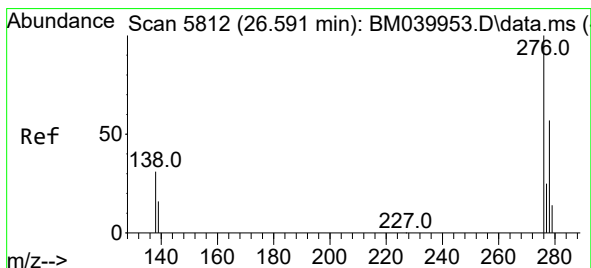
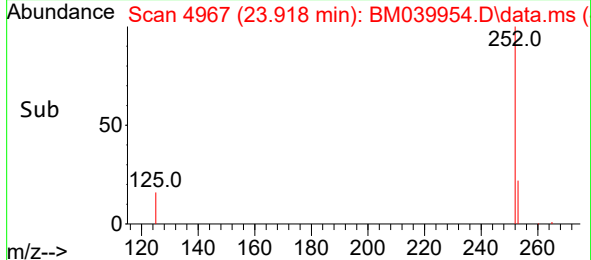
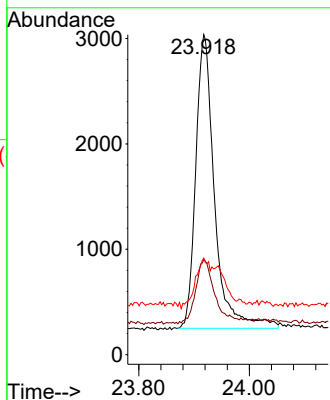
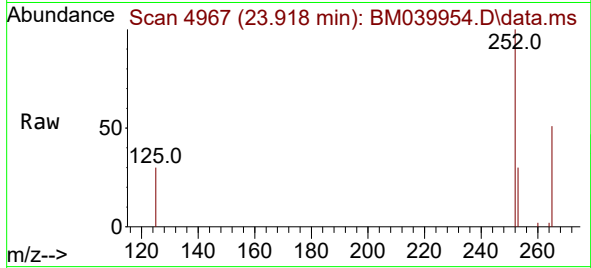




#26
Benzo(a)pyrene
Concen: 0.186 ng/ul
RT: 23.918 min Scan# 4967
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

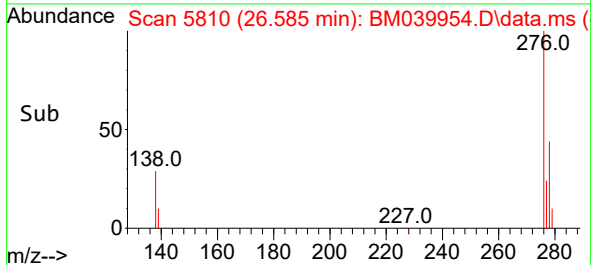
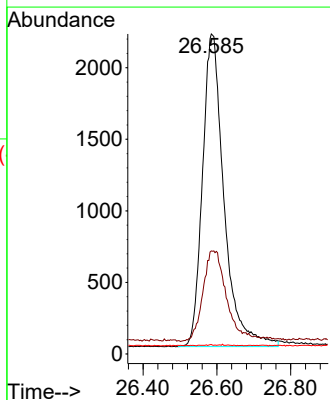
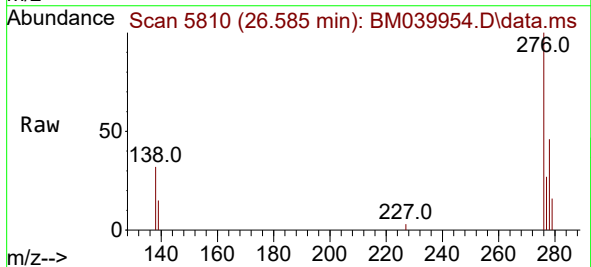
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

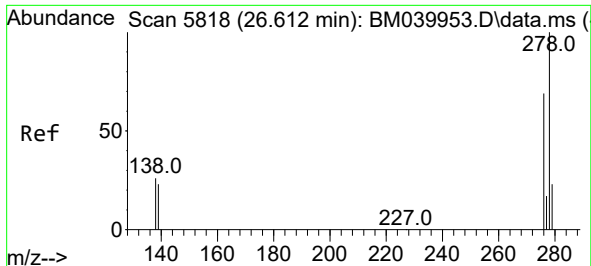
Tgt Ion:252 Resp: 6578
Ion Ratio Lower Upper
252 100
253 29.7 20.3 30.5
125 30.2 17.8 26.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 26.585 min Scan# 5810
Delta R.T. 0.003 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:276 Resp: 8858
Ion Ratio Lower Upper
276 100
138 32.8 24.8 37.2
227 0.1 0.1 0.1#

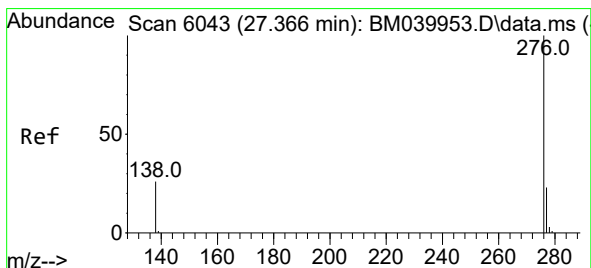
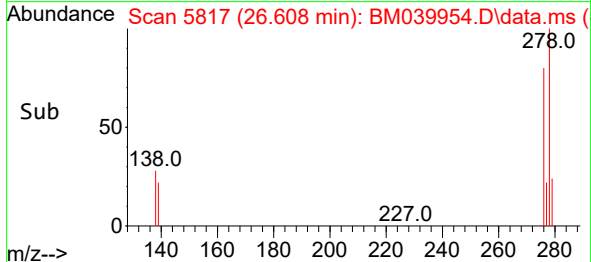
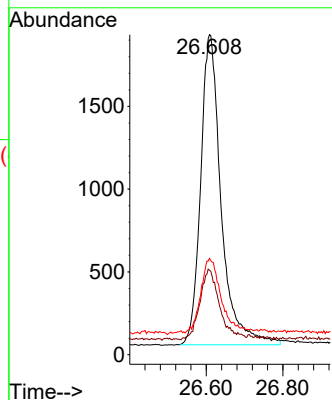
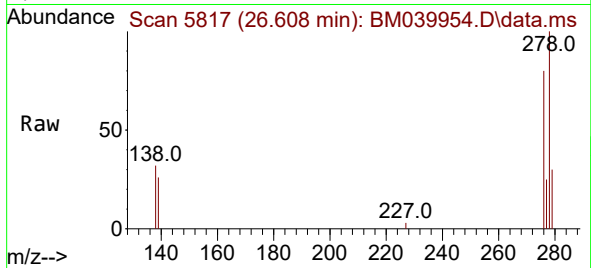




#28
Dibenzo(a,h)anthracene
Concen: 0.181 ng/ul
RT: 26.608 min Scan# 5817
Delta R.T. 0.000 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Tgt Ion:278 Resp: 6986
Ion Ratio Lower Upper
278 100
139 26.3 18.4 27.6
279 30.1 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 27.366 min Scan# 6043
Delta R.T. -0.003 min
Lab File: BM039954.D
Acq: 19 May 2023 12:02

Tgt Ion:276 Resp: 7457
Ion Ratio Lower Upper
276 100
138 30.9 23.1 34.7
277 27.1 19.9 29.9

