

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM039997.D
 Acq On : 25 May 2023 12:00
 Operator : CG/JU
 Sample : SST0.271
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2002

Quant Time: May 25 13:37:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 13:35:21 2023
 Response via : Initial Calibration

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

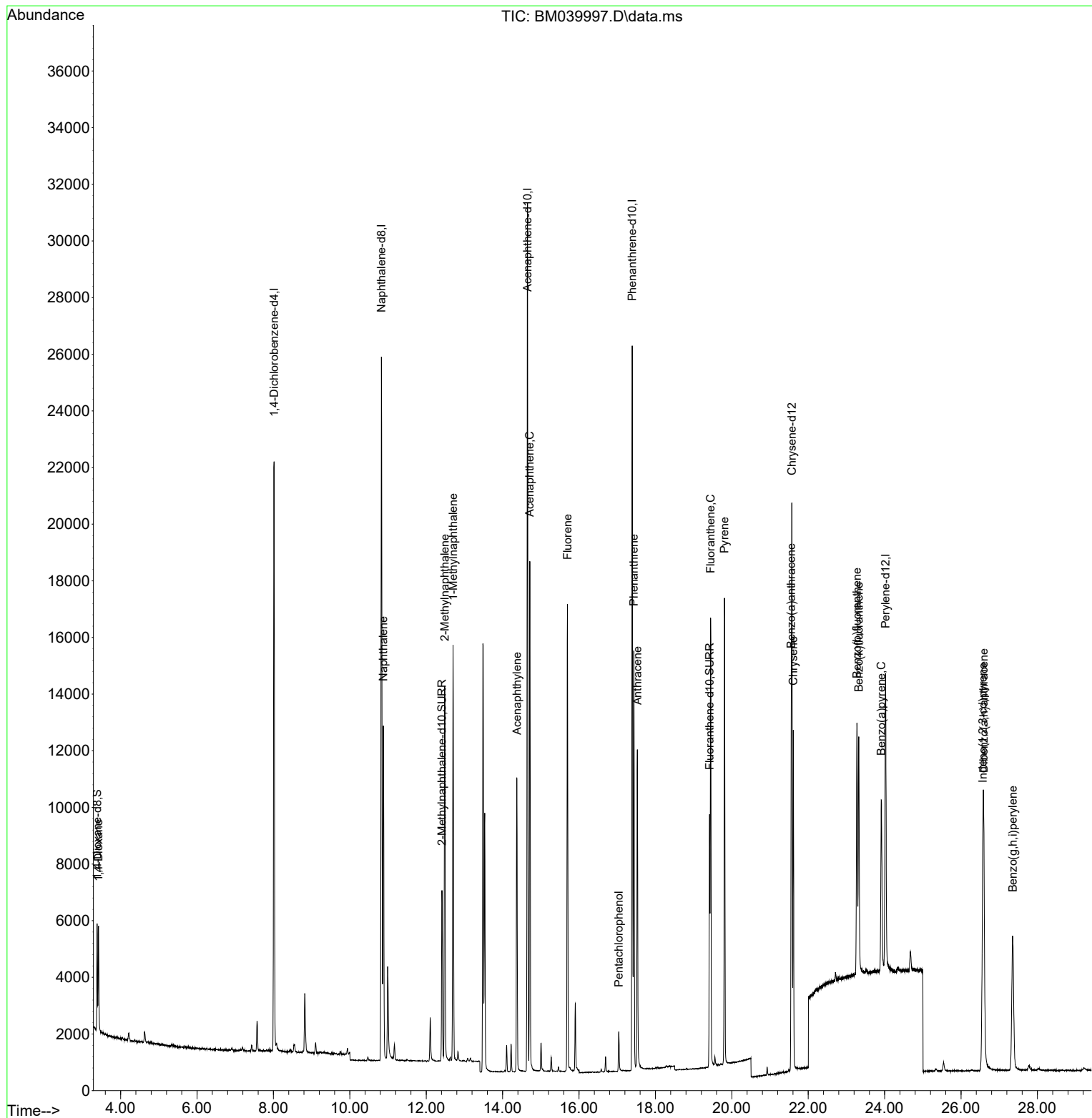
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	10584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	33724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.651	164	16153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	28398	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	15427	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	15186	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	2418	0.174	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.411	152	7928	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	9005	0.181	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	2509	0.168	ng/ul#	92
5) Naphthalene	10.877	128	15734	0.181	ng/ul	99
7) 2-Methylnaphthalene	12.483	142	9399	0.192	ng/ul	100
8) 1-Methylnaphthalene	12.703	142	9832	0.192	ng/ul	100
10) Acenaphthylene	14.374	152	12025	0.181	ng/ul	99
11) Acenaphthene	14.711	153	9871	0.181	ng/ul	99
12) Fluorene	15.697	166	10232	0.185	ng/ul	99
14) Pentachlorophenol	17.041	266	956	0.163	ng/ul	98
15) Phenanthrene	17.434	178	15255	0.188	ng/ul	99
16) Anthracene	17.526	178	12449	0.188	ng/ul	99
19) Fluoranthene	19.445	202	13162	0.178	ng/ul	99
20) Pyrene	19.807	202	13492	0.184	ng/ul	99
21) Benzo(a)anthracene	21.556	228	9757	0.202	ng/ul	99
22) Chrysene	21.611	228	10388	0.185	ng/ul	98
24) Benzo(b)fluoranthene	23.274	252	11345	0.189	ng/ul	90
25) Benzo(k)fluoranthene	23.324	252	11333	0.182	ng/ul#	92
26) Benzo(a)pyrene	23.912	252	9368	0.192	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.571	276	13556	0.204	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	10774	0.202	ng/ul	96
29) Benzo(g,h,i)perylene	27.353	276	10996	0.193	ng/ul	98

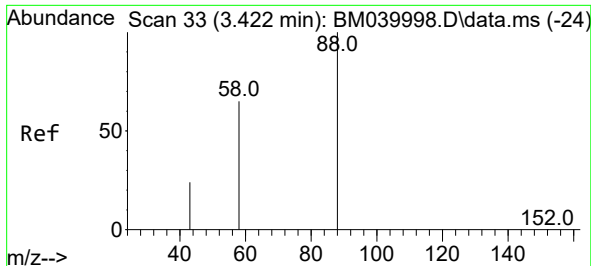
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM039997.D
Acq On : 25 May 2023 12:00
Operator : CG/JU
Sample : SST0.271
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: May 25 13:37:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 13:35:21 2023
Response via : Initial Calibration

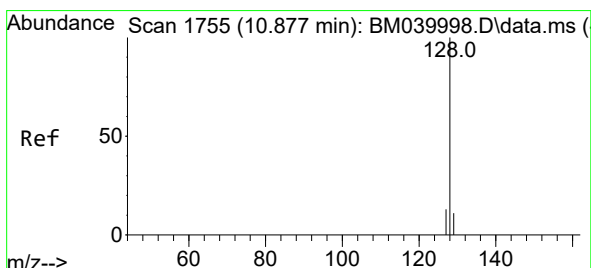
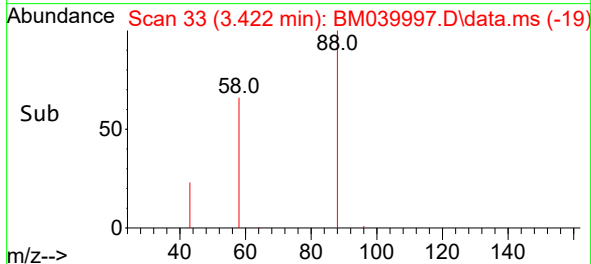
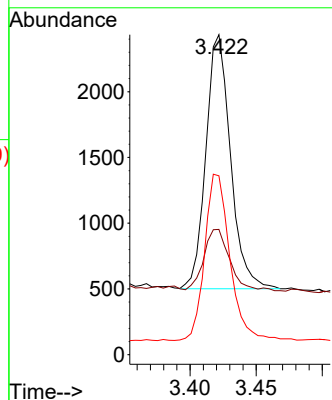
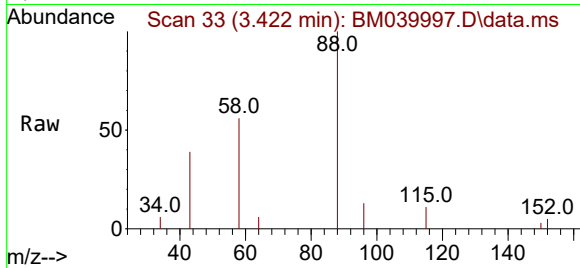




#2
1,4-Dioxane
Concen: 0.168 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

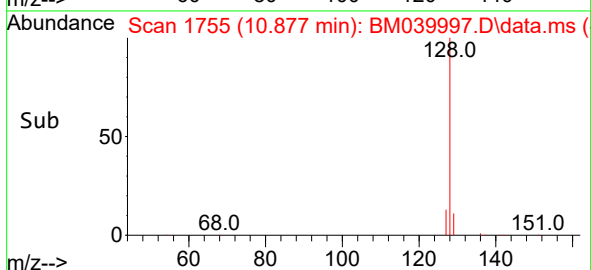
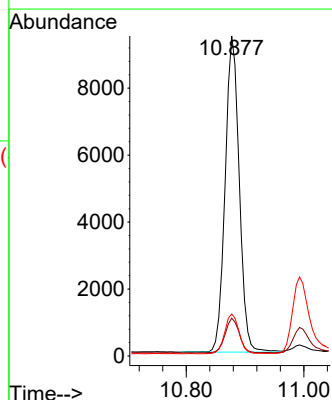
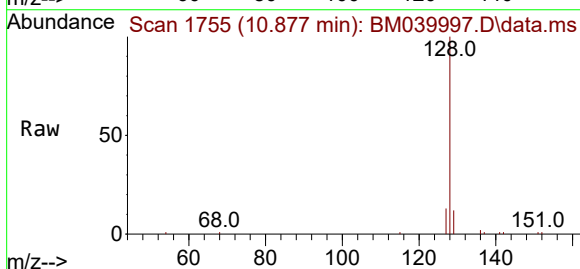
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

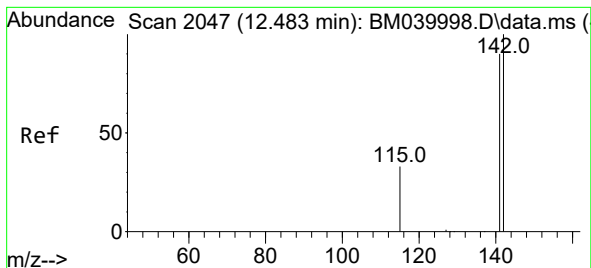
Tgt Ion: 88 Resp: 2509
Ion Ratio Lower Upper
88 100
43 39.2 25.9 38.9#
58 55.9 48.5 72.7



#5
Naphthalene
Concen: 0.181 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion: 128 Resp: 15734
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.1 10.5 15.7

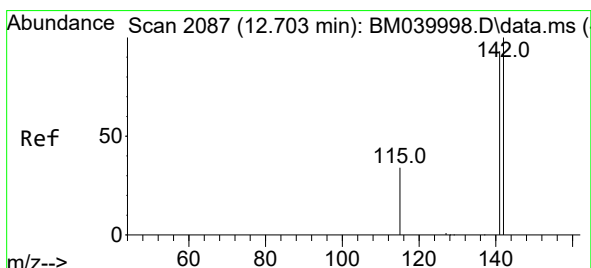
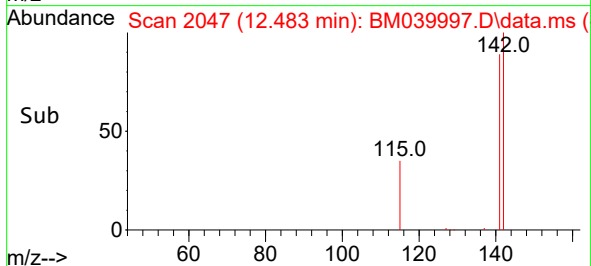
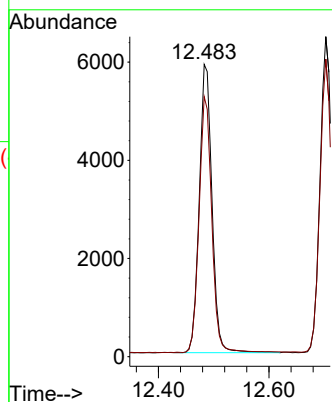
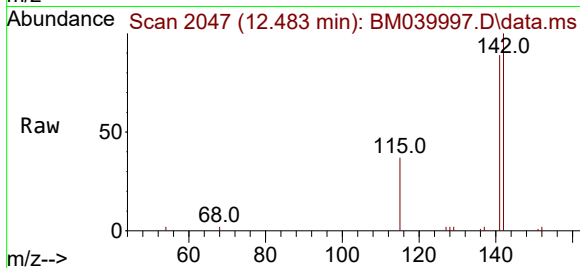




#7
2-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

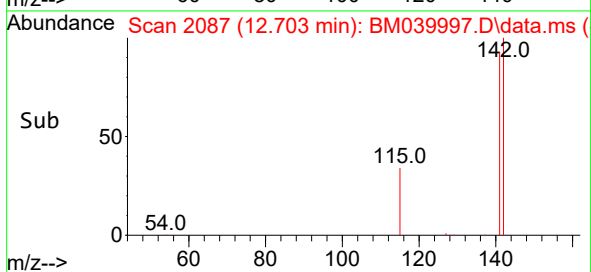
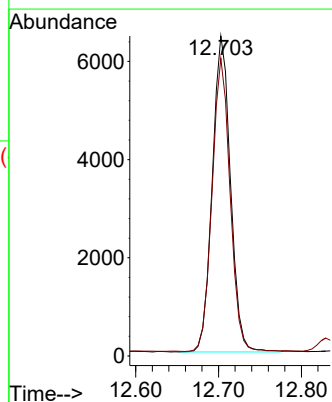
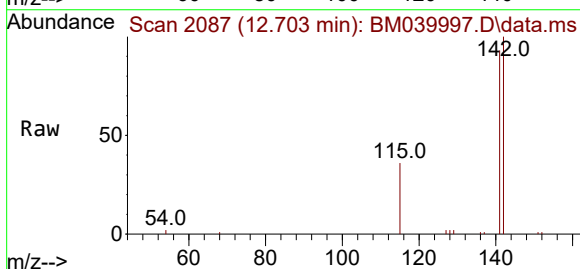
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

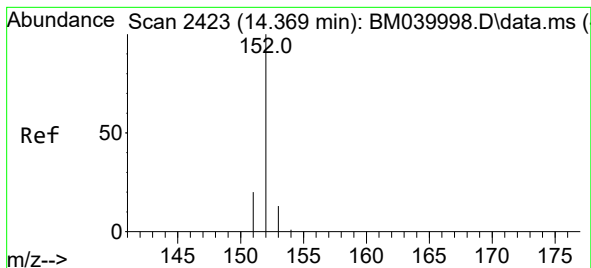
Tgt Ion:142 Resp: 9399
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion:142 Resp: 9832
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#10

Acenaphthylene

Concen: 0.181 ng/ul

RT: 14.374 min Scan# 2423

Delta R.T. 0.005 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

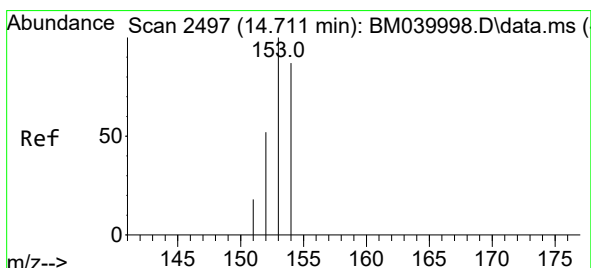
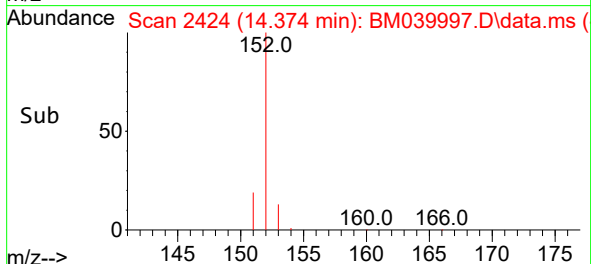
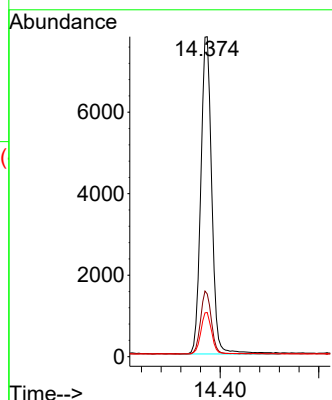
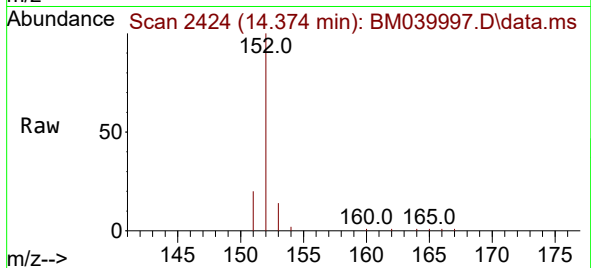
Tgt Ion:152 Resp: 12025

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.4

153 13.8 10.6 16.0



#11

Acenaphthene

Concen: 0.181 ng/ul

RT: 14.711 min Scan# 2497

Delta R.T. 0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

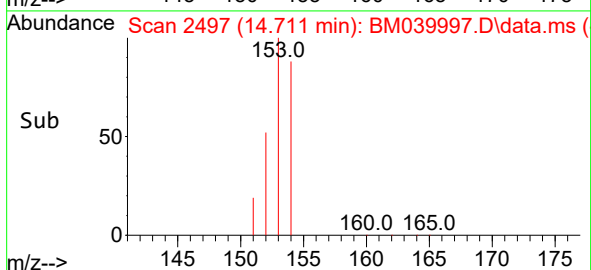
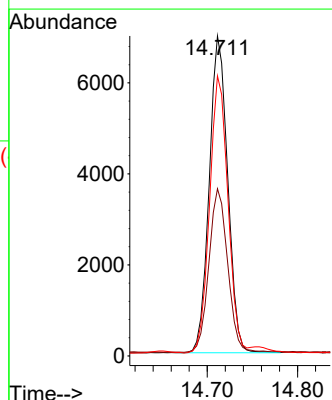
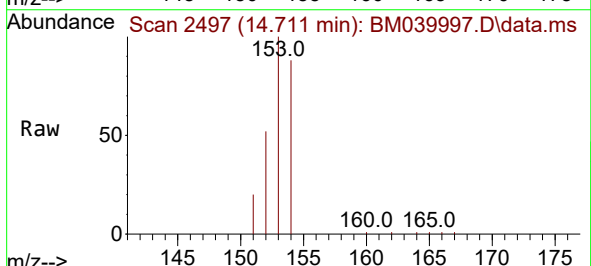
Tgt Ion:153 Resp: 9871

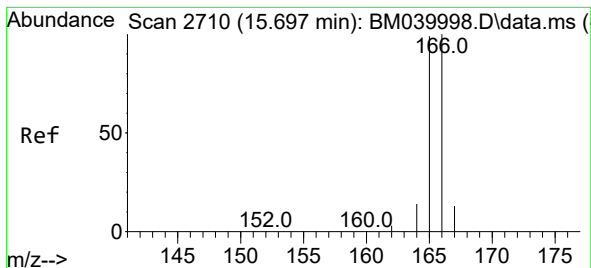
Ion Ratio Lower Upper

153 100

152 52.3 42.0 63.0

154 87.5 69.4 104.2





#12

Fluorene

Concen: 0.185 ng/ul

RT: 15.697 min Scan# 2710

Delta R.T. 0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

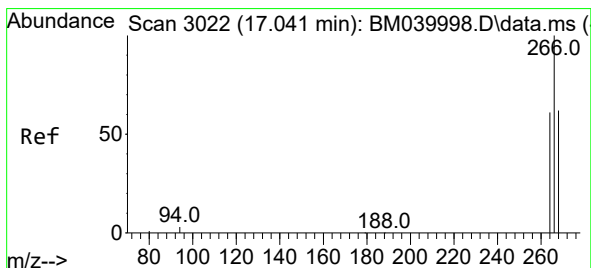
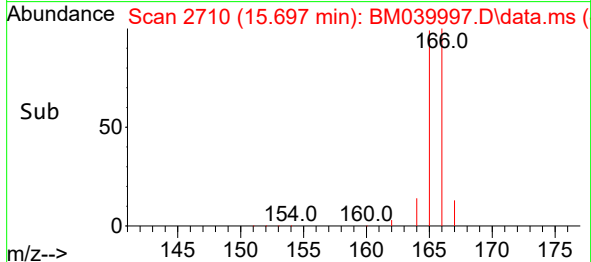
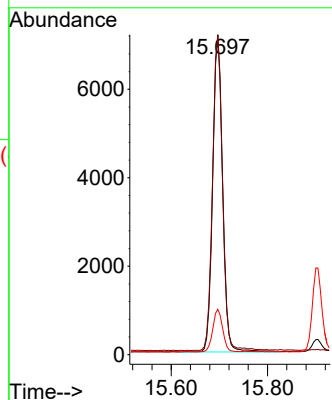
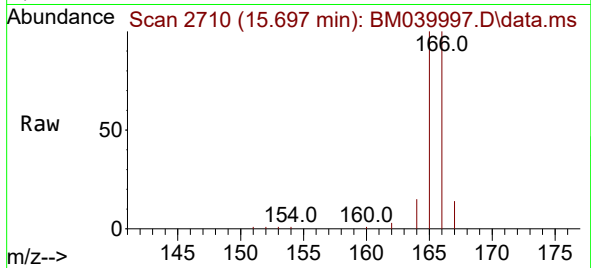
Tgt Ion:166 Resp: 10232

Ion Ratio Lower Upper

166 100

165 99.9 79.3 118.9

167 14.2 10.8 16.2



#14

Pentachlorophenol

Concen: 0.163 ng/ul

RT: 17.041 min Scan# 3022

Delta R.T. -0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

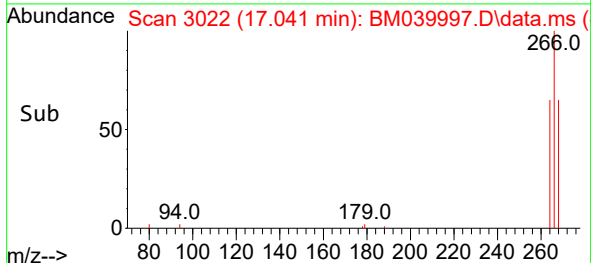
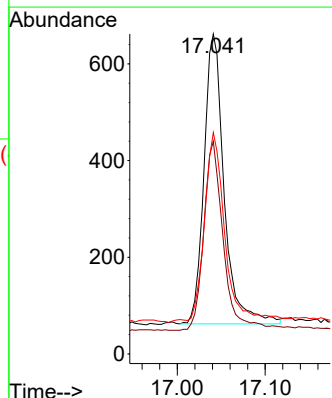
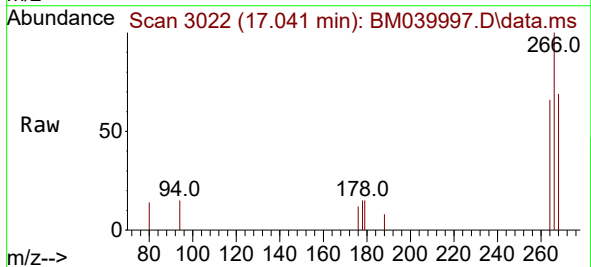
Tgt Ion:266 Resp: 956

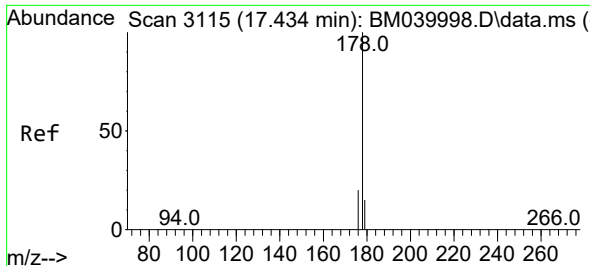
Ion Ratio Lower Upper

266 100

264 64.4 49.2 73.8

268 64.3 51.9 77.9

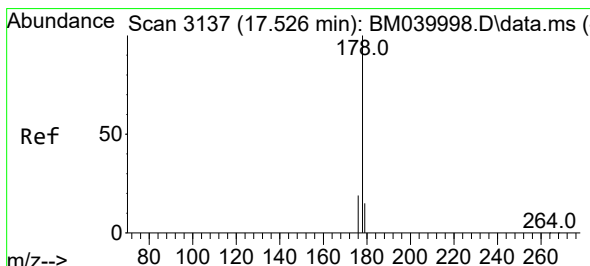
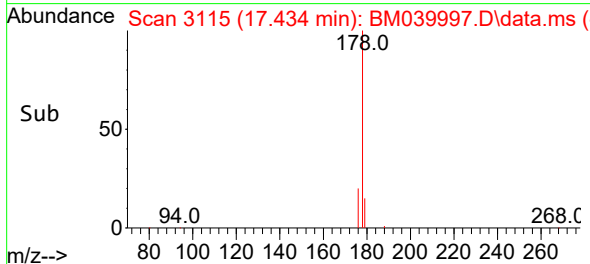
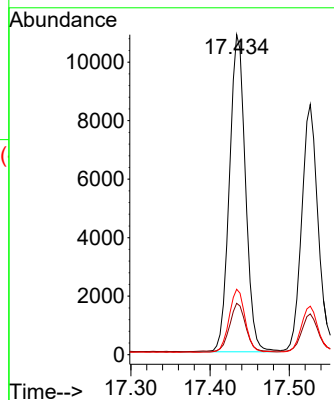
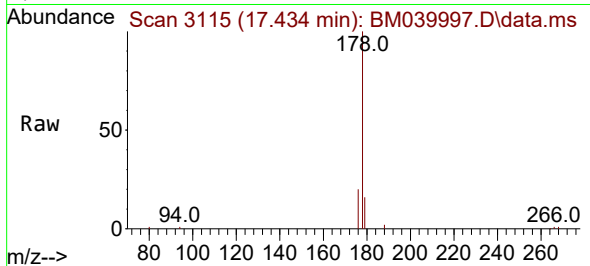




#15
Phenanthrene
Concen: 0.188 ng/ul
RT: 17.434 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

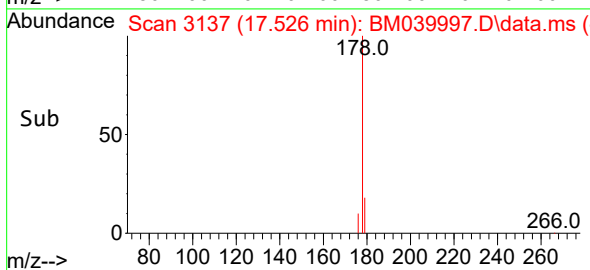
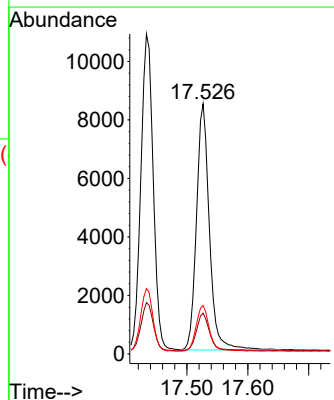
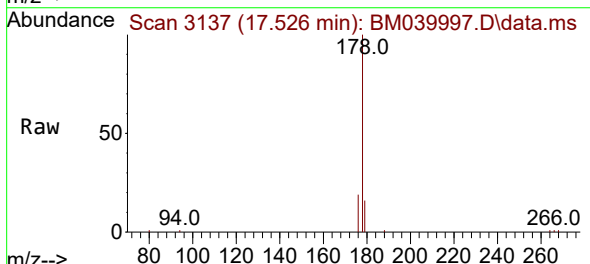
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

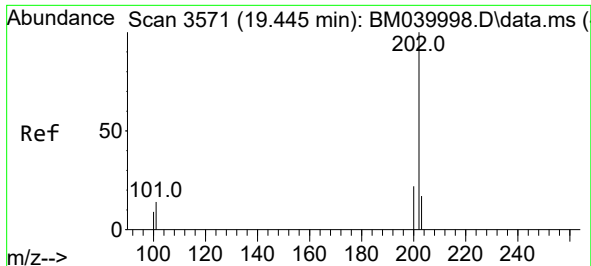
Tgt Ion:178 Resp: 15255
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 20.5 16.3 24.5



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.526 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion:178 Resp: 12449
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 19.4 15.5 23.3

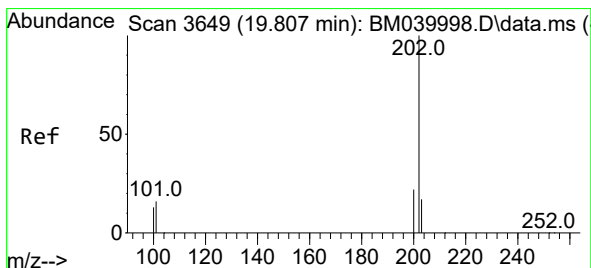
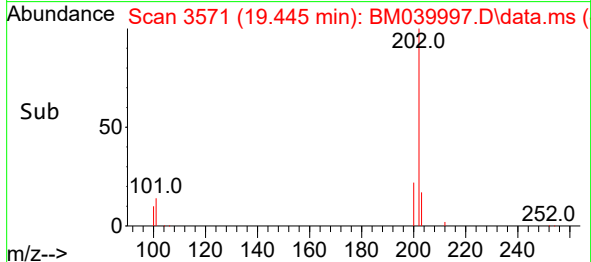
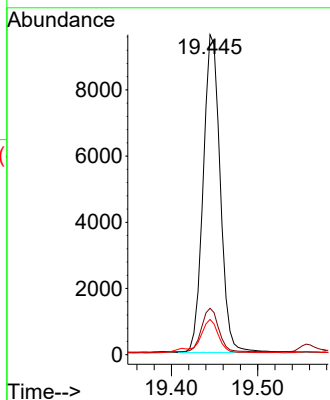
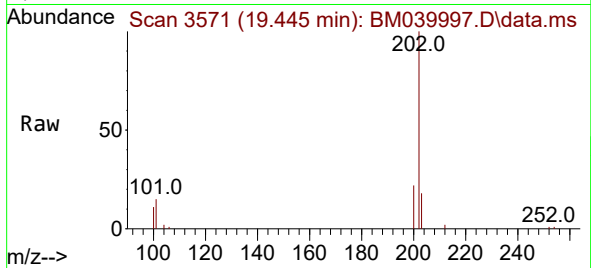




#19
Fluoranthene
Concen: 0.178 ng/ul
RT: 19.445 min Scan# 3571
Delta R.T. -0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

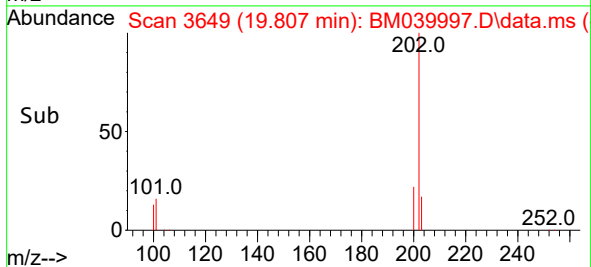
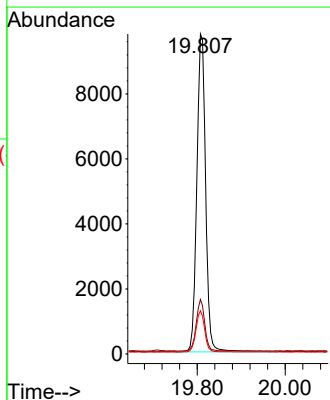
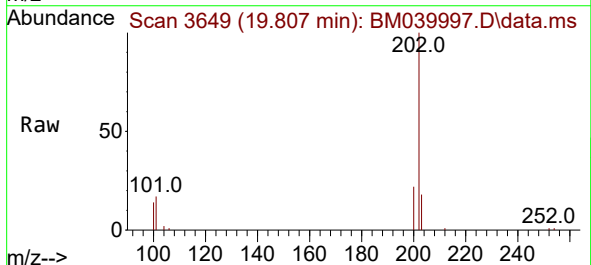
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

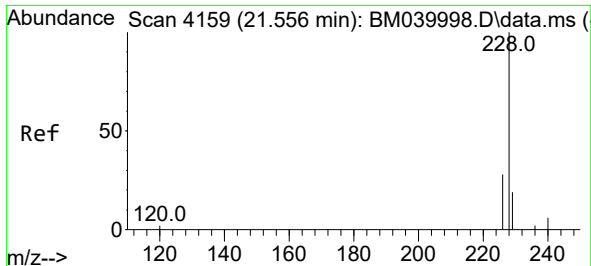
Tgt Ion:202 Resp: 13162
Ion Ratio Lower Upper
202 100
101 14.5 11.5 17.3
100 11.0 8.5 12.7



#20
Pyrene
Concen: 0.184 ng/ul
RT: 19.807 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion:202 Resp: 13492
Ion Ratio Lower Upper
202 100
101 17.1 13.3 19.9
100 13.5 10.9 16.3

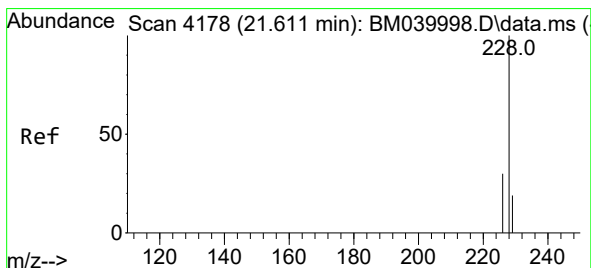
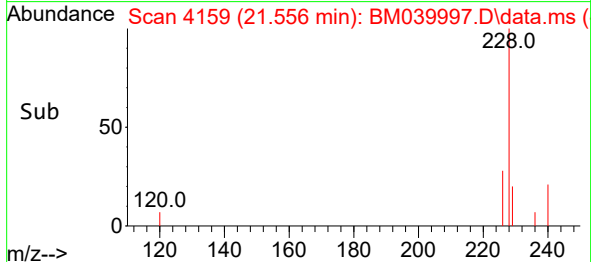
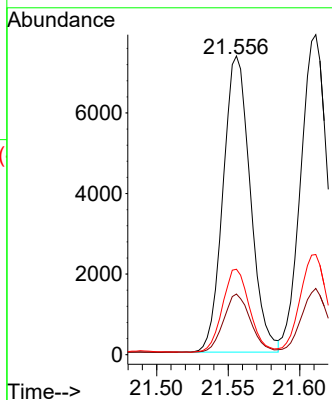
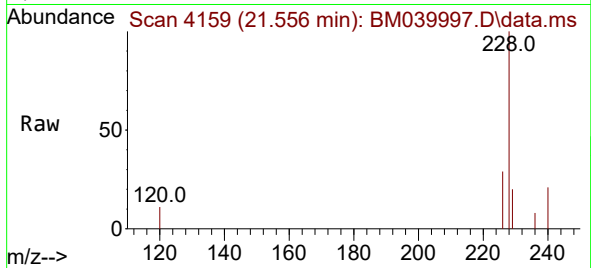




#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.556 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

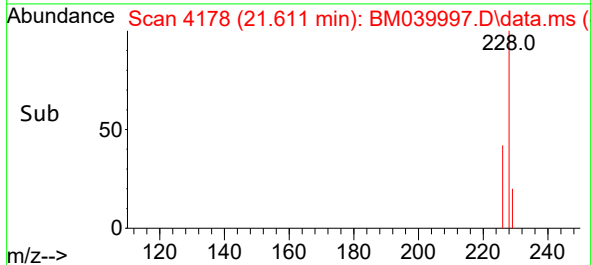
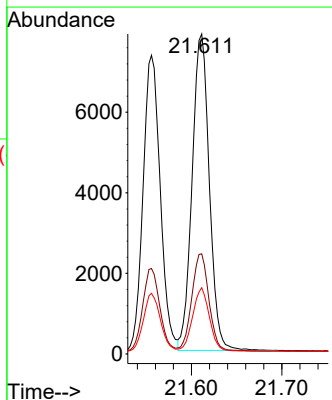
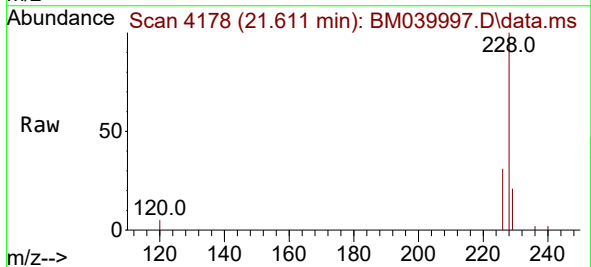
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

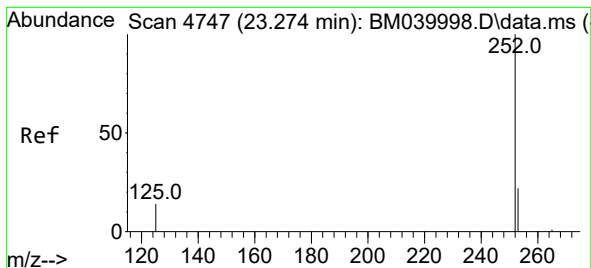
Tgt Ion:228 Resp: 9757
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.611 min Scan# 4178
Delta R.T. -0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion:228 Resp: 10388
Ion Ratio Lower Upper
228 100
226 31.3 24.6 36.8
229 20.7 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.189 ng/ul

RT: 23.274 min Scan# 4747

Delta R.T. 0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

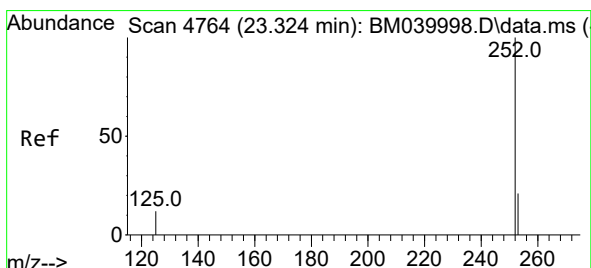
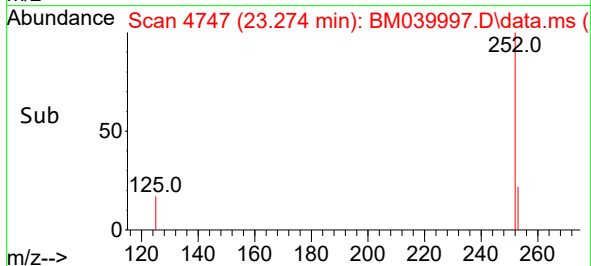
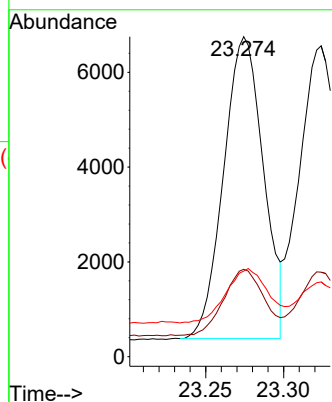
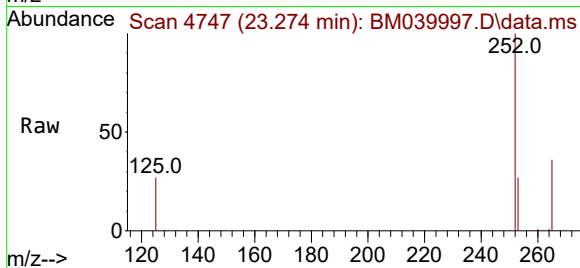
Tgt Ion:252 Resp: 11345

Ion Ratio Lower Upper

252 100

253 27.3 0.0 49.8

125 26.7 0.0 39.2



#25

Benzo(k)fluoranthene

Concen: 0.182 ng/ul

RT: 23.324 min Scan# 4764

Delta R.T. 0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

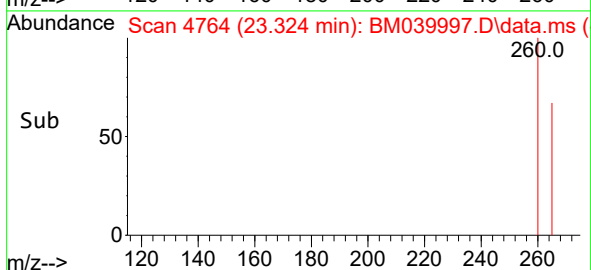
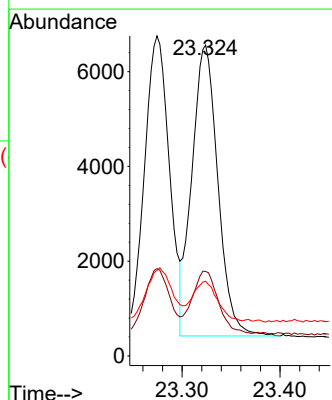
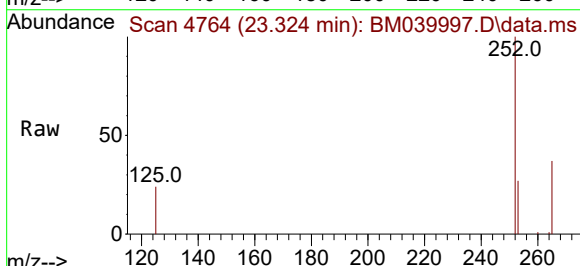
Tgt Ion:252 Resp: 11333

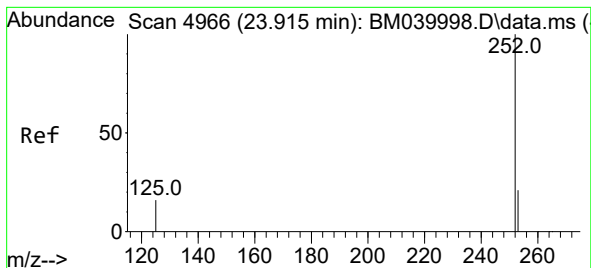
Ion Ratio Lower Upper

252 100

253 27.2 19.7 29.5

125 24.0 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.192 ng/ul

RT: 23.912 min Scan# 4966

Delta R.T. -0.003 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.2002

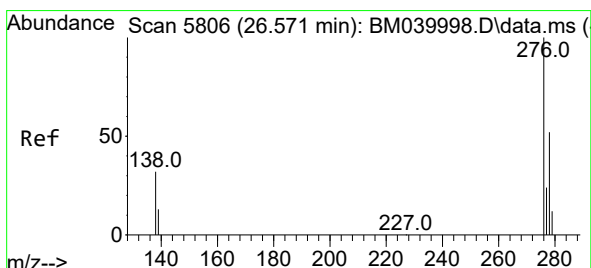
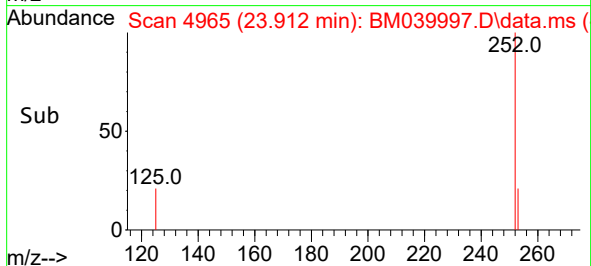
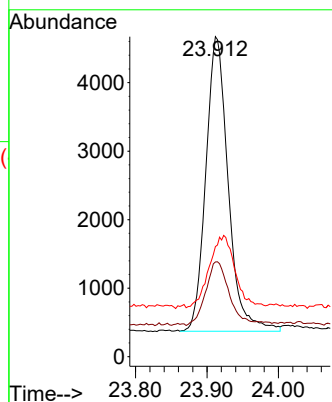
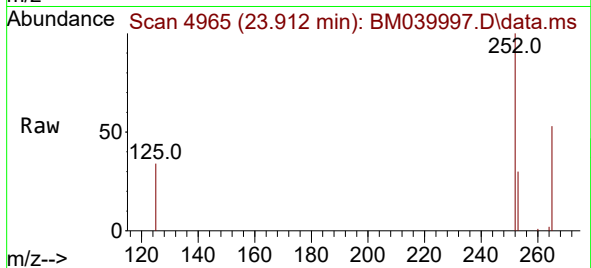
Tgt Ion:252 Resp: 9368

Ion Ratio Lower Upper

252 100

253 29.6 20.6 31.0

125 34.4 19.1 28.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.204 ng/ul

RT: 26.571 min Scan# 5806

Delta R.T. 0.000 min

Lab File: BM039997.D

Acq: 25 May 2023 12:00

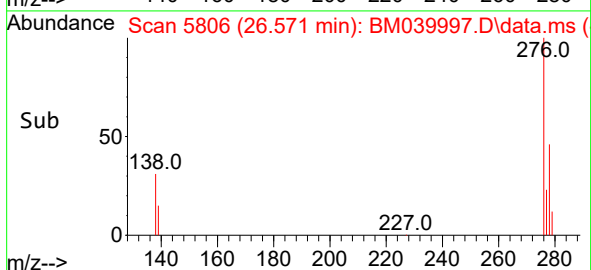
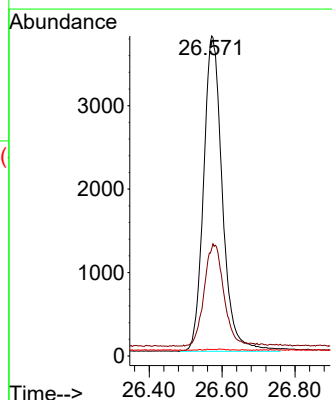
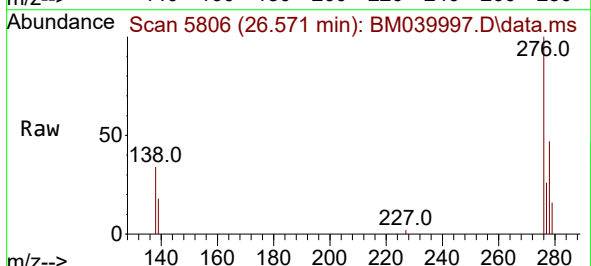
Tgt Ion:276 Resp: 13556

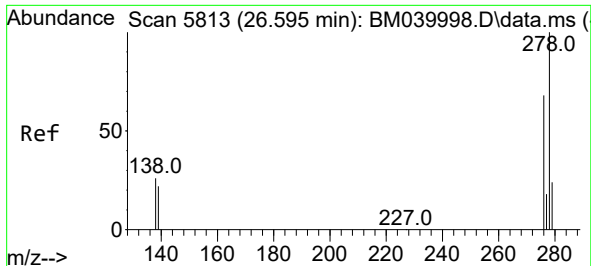
Ion Ratio Lower Upper

276 100

138 33.8 26.9 40.3

227 0.2 0.1 0.1#

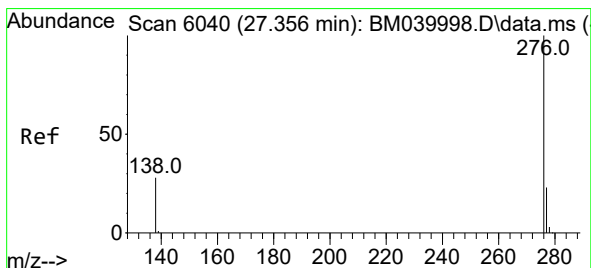
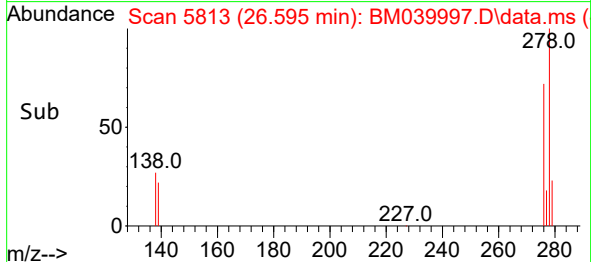
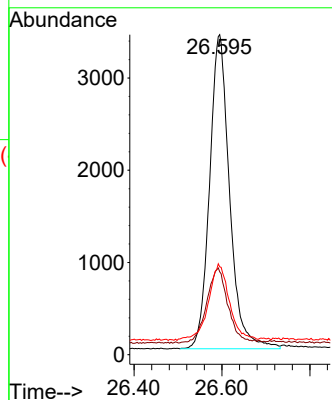
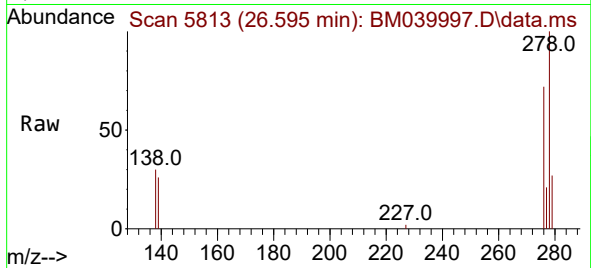




#28
Dibenzo(a,h)anthracene
Concen: 0.202 ng/ul
RT: 26.595 min Scan# 5813
Delta R.T. 0.000 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 10774
Ion Ratio Lower Upper
278 100
139 25.9 19.0 28.4
279 27.5 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 27.353 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BM039997.D
Acq: 25 May 2023 12:00

Tgt Ion:276 Resp: 10996
Ion Ratio Lower Upper
276 100
138 30.1 23.9 35.9
277 25.8 19.5 29.3

