

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
 Data File : BM045769.D
 Acq On : 28 May 2024 20:26
 Operator : MA/JU
 Sample : SSTD0.441
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4003

Quant Time: May 28 23:51:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 28 23:49:11 2024
 Response via : Initial Calibration

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

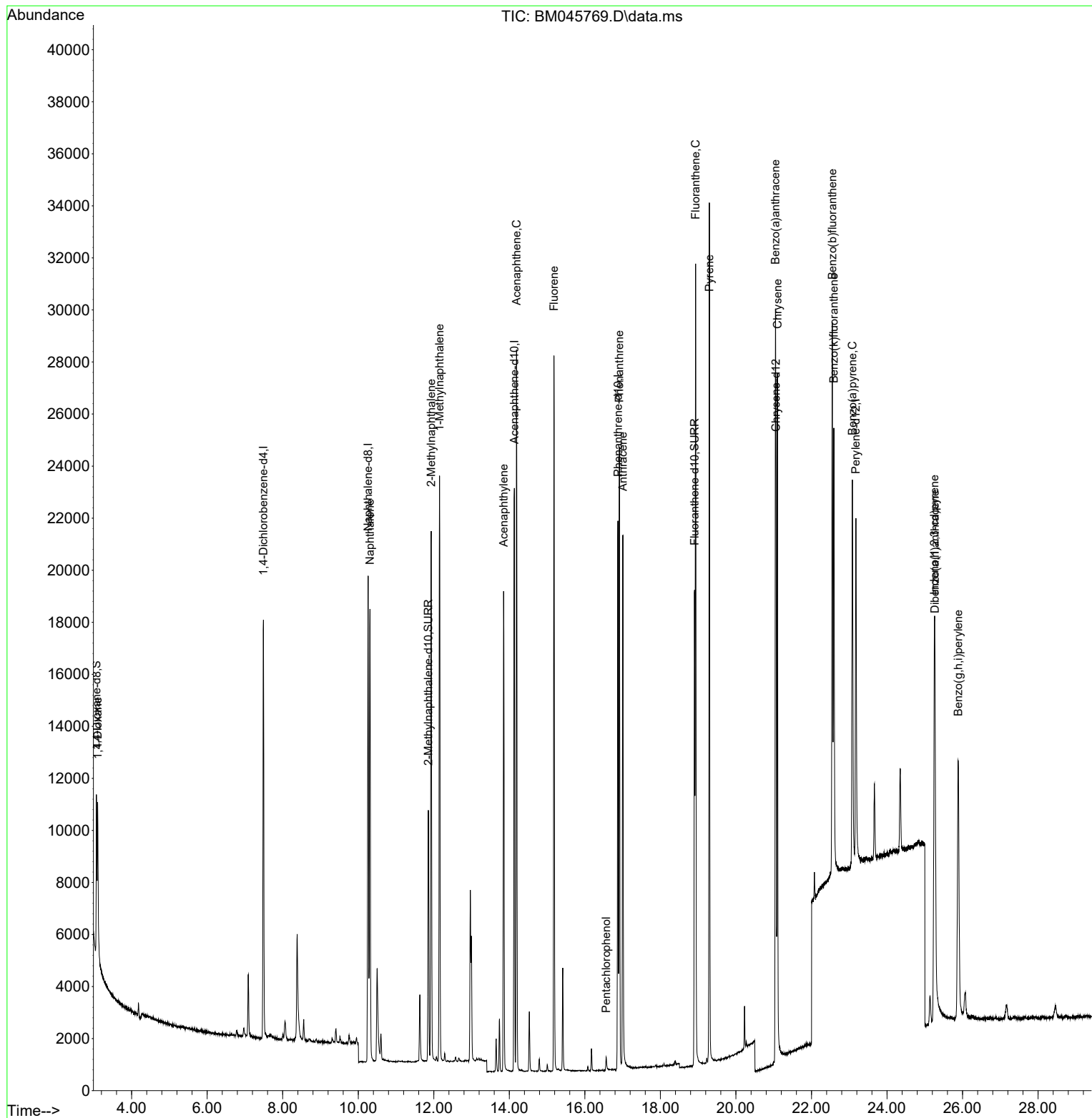
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.489	152	8155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	23967	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.132	164	12027	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	23729	0.400	ng/ul	0.00
17) Chrysene-d12	21.061	240	15785	0.400	ng/ul	0.00
23) Perylene-d12	23.177	264	17227	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	3962	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	12350	0.374	ng/ul	0.00
18) Fluoranthene-d10	18.905	212	19975	0.498	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.101	88	3885	0.395	ng/ul	100
5) Naphthalene	10.310	128	23463	0.369	ng/ul	100
7) 2-Methylnaphthalene	11.932	142	14438	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.152	142	15309	0.371	ng/ul	100
10) Acenaphthylene	13.850	152	20844	0.364	ng/ul	100
11) Acenaphthene	14.192	153	15059	0.374	ng/ul	100
12) Fluorene	15.182	166	16545	0.361	ng/ul	100
14) Pentachlorophenol	16.563	266	466	0.089	ng/ul	100
15) Phenanthrene	16.913	178	24763	0.372	ng/ul	100
16) Anthracene	17.006	178	23108	0.347	ng/ul	100
19) Fluoranthene	18.932	202	26894	0.477	ng/ul	100
20) Pyrene	19.295	202	27622	0.459	ng/ul	100
21) Benzo(a)anthracene	21.047	228	22339	0.358	ng/ul	100
22) Chrysene	21.099	228	23538	0.320	ng/ul	100
24) Benzo(b)fluoranthene	22.551	252	22994	0.326	ng/ul	100
25) Benzo(k)fluoranthene	22.592	252	23089	0.317	ng/ul	100
26) Benzo(a)pyrene	23.083	252	20032	0.350	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.252	276	20876	0.296	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.269	278	15337	0.307	ng/ul	100
29) Benzo(g,h,i)perylene	25.883	276	21032	0.319	ng/ul	100

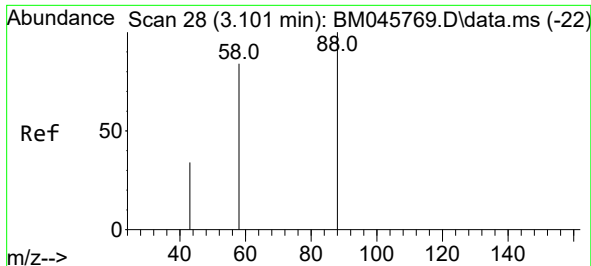
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
Data File : BM045769.D
Acq On : 28 May 2024 20:26
Operator : MA/JU
Sample : SST0.441
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

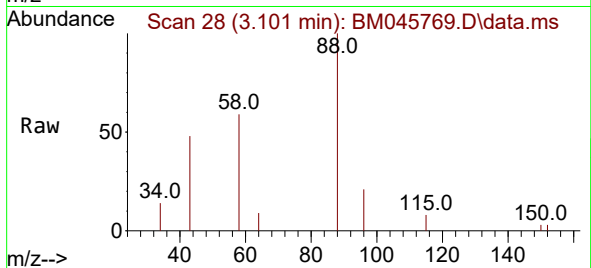
Quant Time: May 28 23:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 28 23:49:11 2024
Response via : Initial Calibration



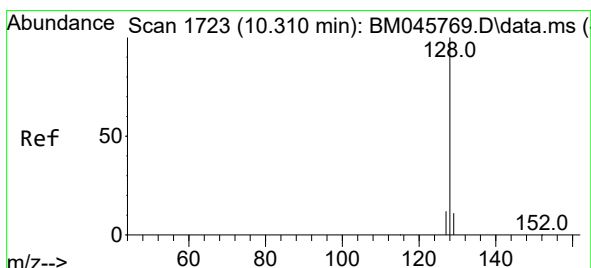
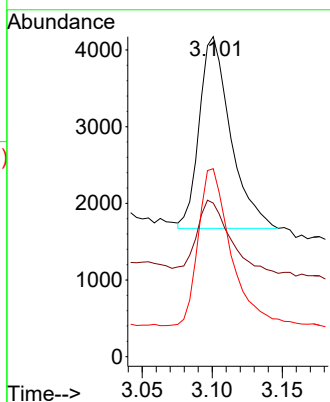
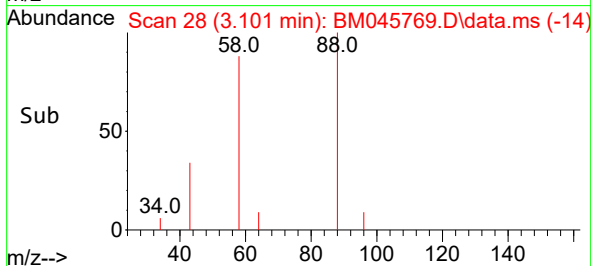


#2
1,4-Dioxane
Concen: 0.395 ng/ul
RT: 3.101 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

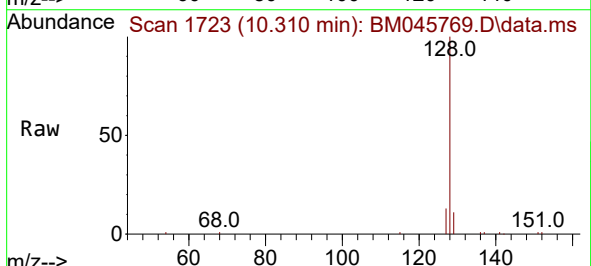
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003



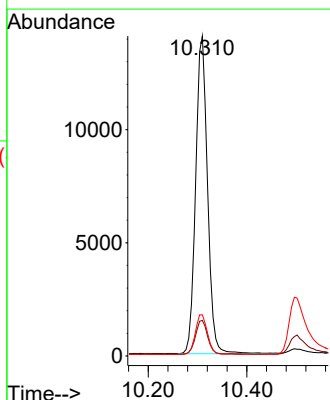
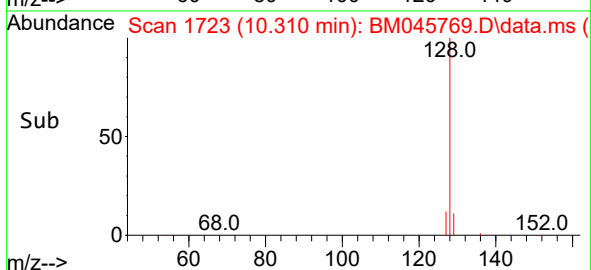
Tgt Ion: 88 Resp: 3885
Ion Ratio Lower Upper
88 100
43 48.0 38.4 57.6
58 58.8 47.0 70.6

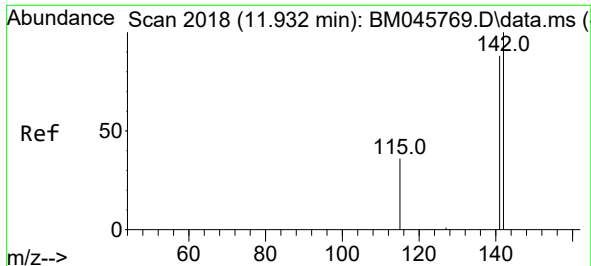


#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26



Tgt Ion: 128 Resp: 23463
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5

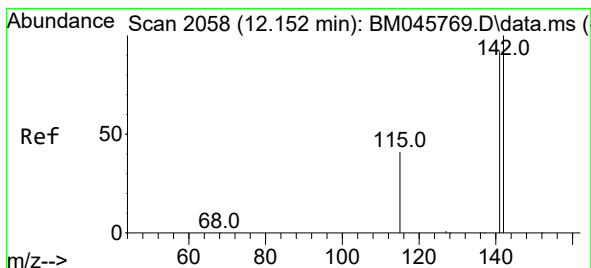
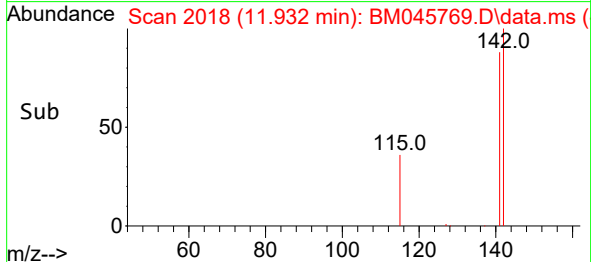
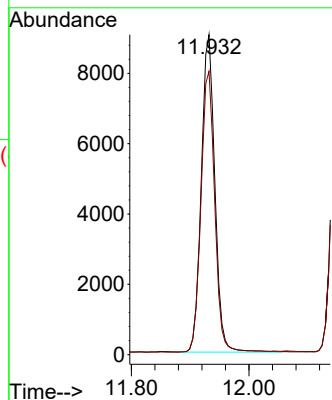
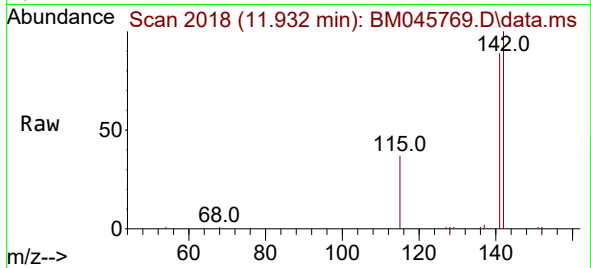




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

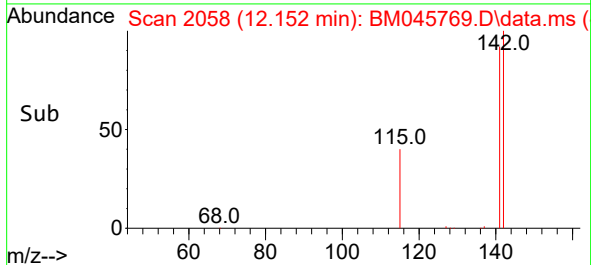
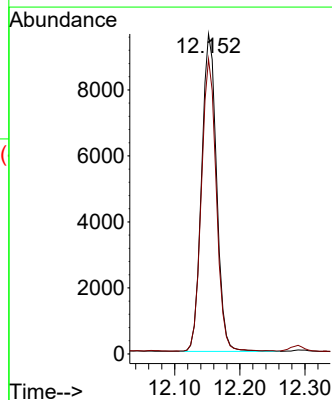
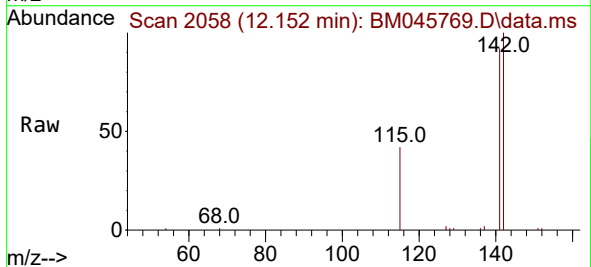
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

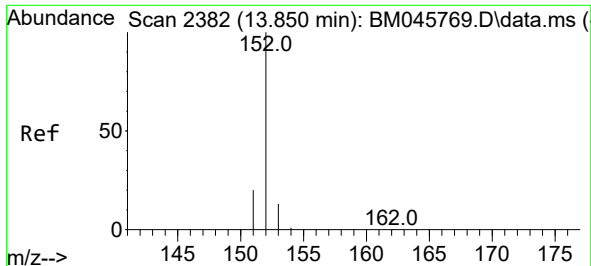
Tgt Ion:142 Resp: 14438
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:142 Resp: 15309
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

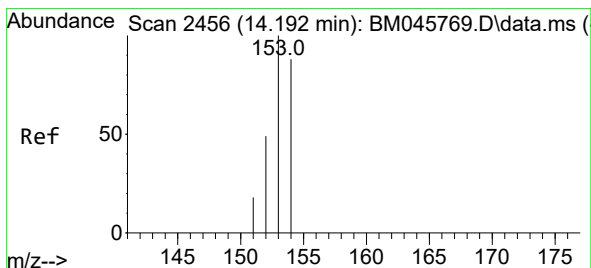
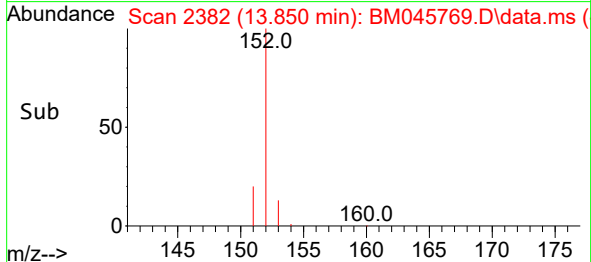
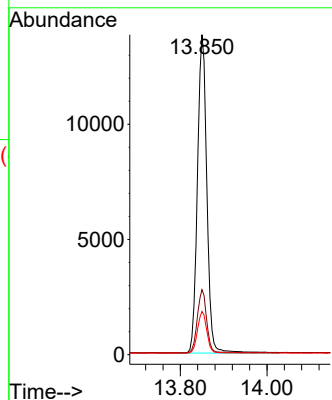
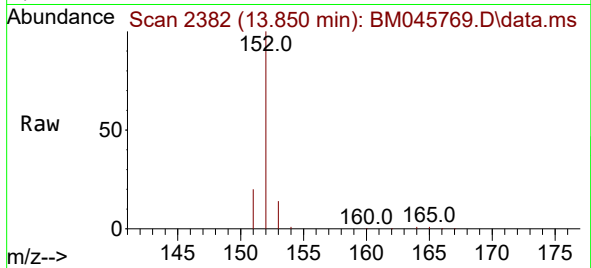




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 13.850 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

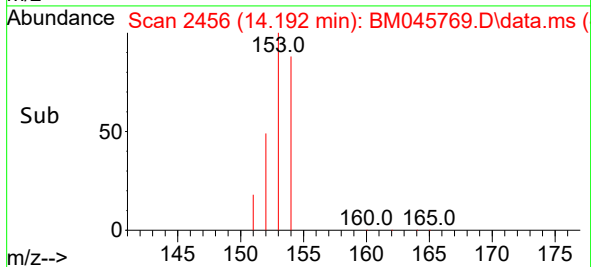
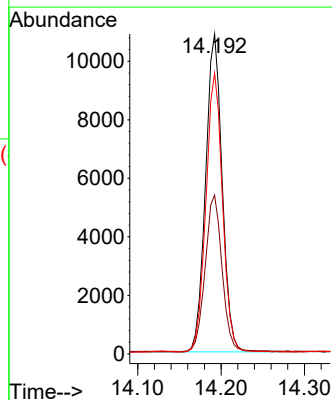
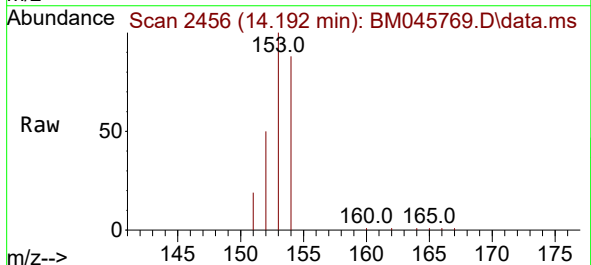
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

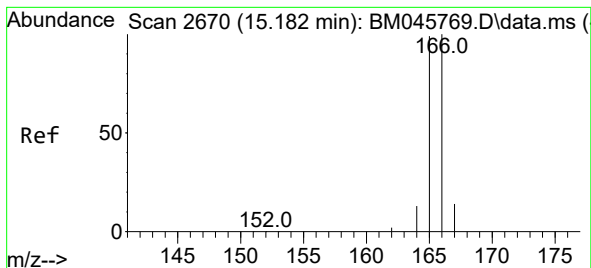
Tgt Ion:152 Resp: 20844
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.374 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:153 Resp: 15059
Ion Ratio Lower Upper
153 100
152 49.6 39.7 59.5
154 87.8 70.2 105.4





#12

Fluorene

Concen: 0.361 ng/ul

RT: 15.182 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

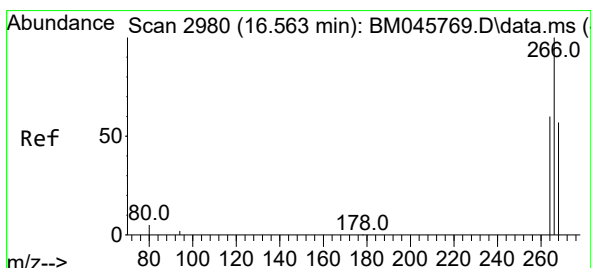
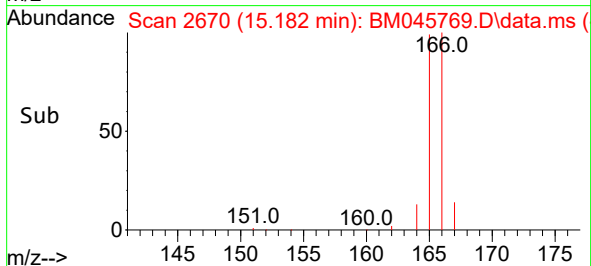
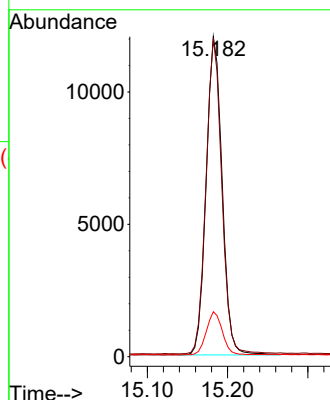
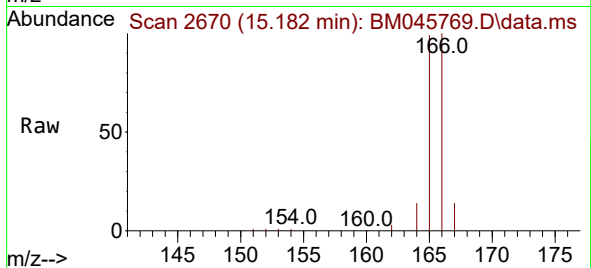
Tgt Ion:166 Resp: 16545

Ion Ratio Lower Upper

166 100

165 99.4 79.5 119.3

167 14.0 11.2 16.8



#14

Pentachlorophenol

Concen: 0.089 ng/ul

RT: 16.563 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

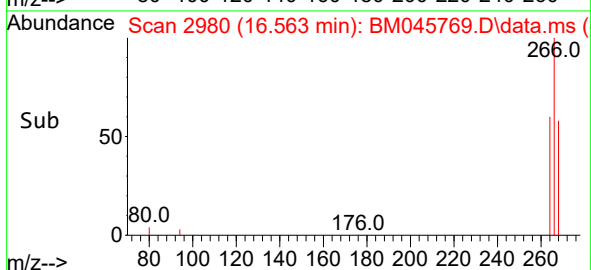
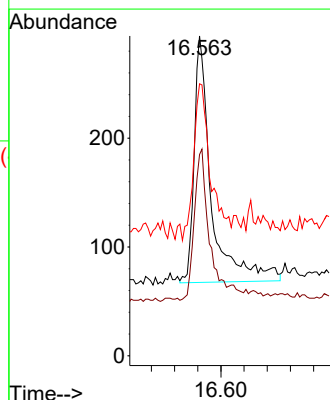
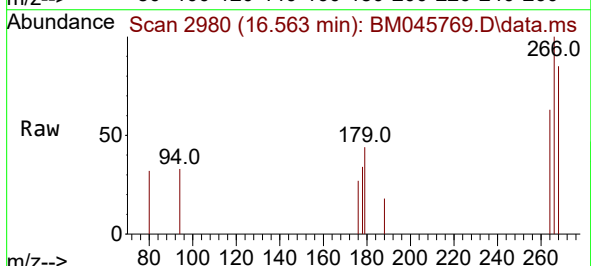
Tgt Ion:266 Resp: 466

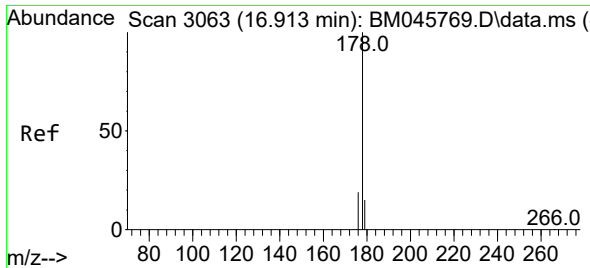
Ion Ratio Lower Upper

266 100

264 60.1 48.1 72.1

268 62.7 50.2 75.2

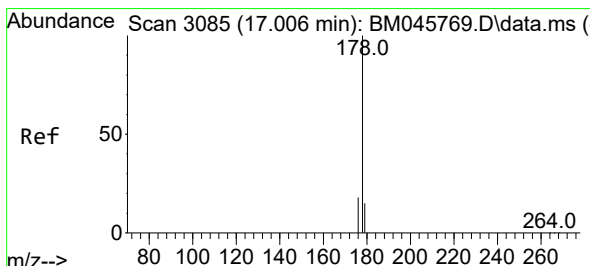
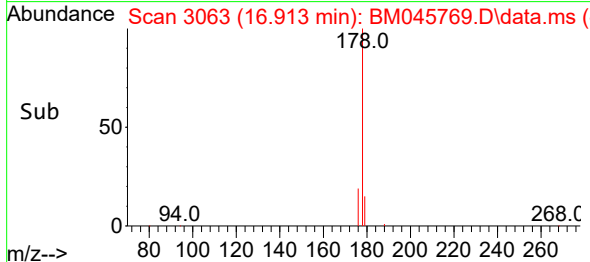
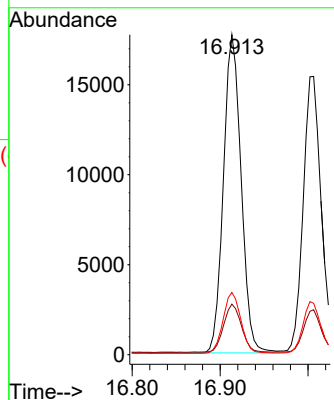
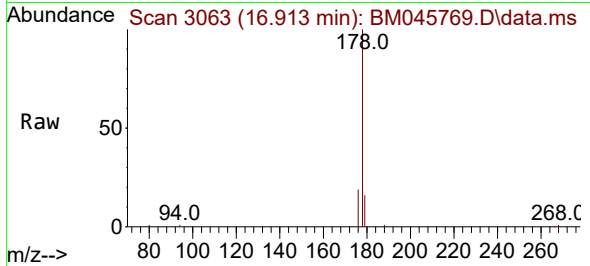




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

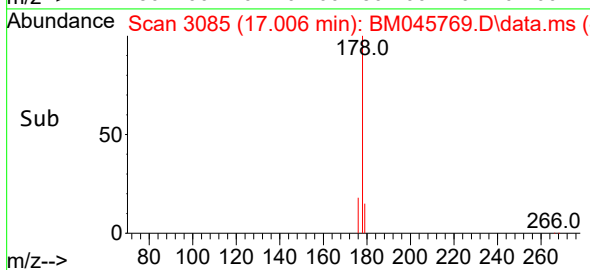
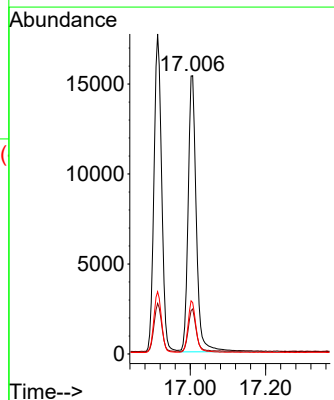
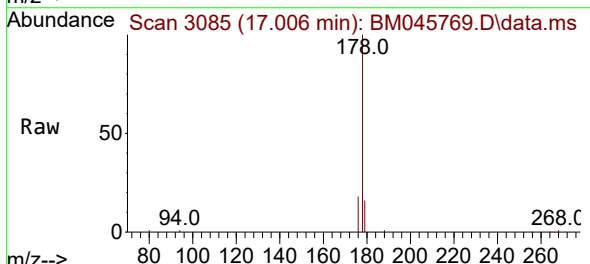
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

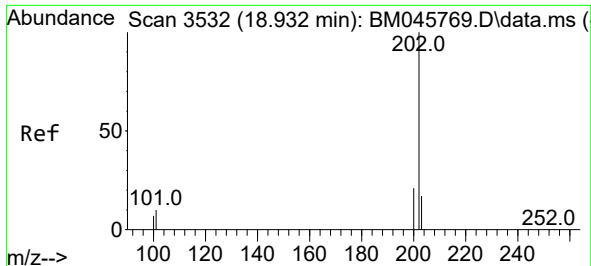
Tgt Ion:	178	Resp:	24763
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.5	15.6	23.4



#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:	178	Resp:	23108
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	18.4	14.7	22.1

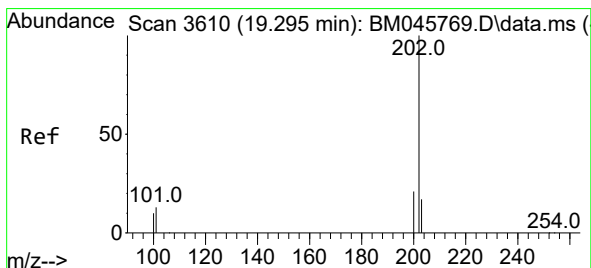
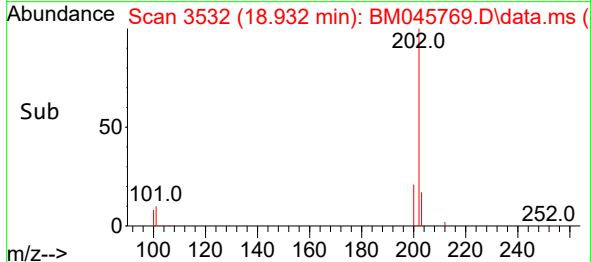
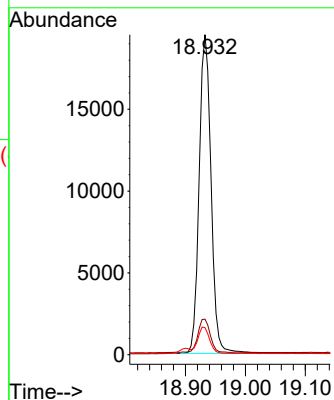
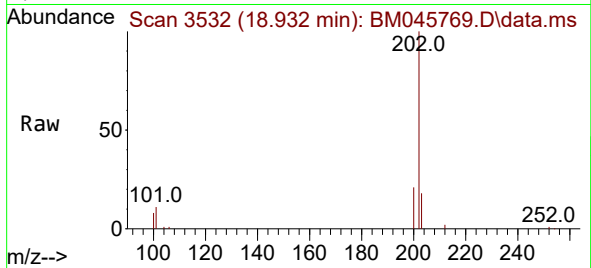




#19
Fluoranthene
Concen: 0.477 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

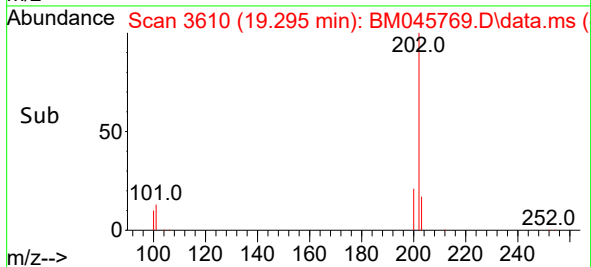
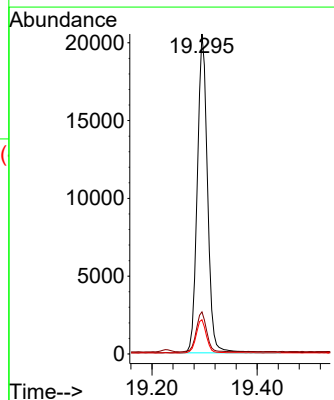
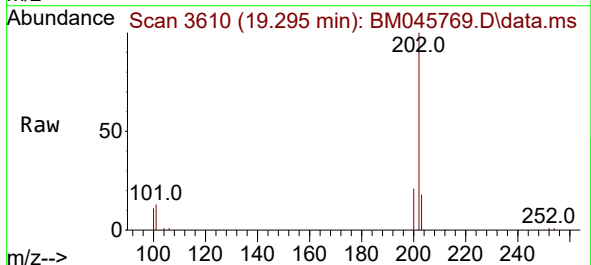
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

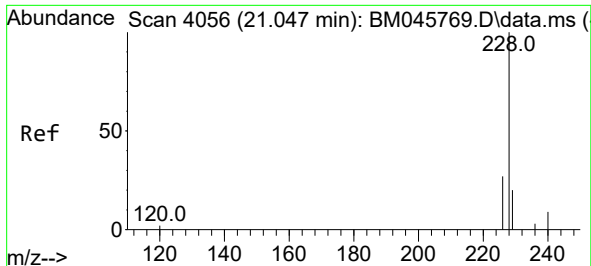
Tgt Ion:202 Resp: 26894
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.4 6.7 10.1



#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.295 min Scan# 3610
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:202 Resp: 27622
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 10.7 8.6 12.8

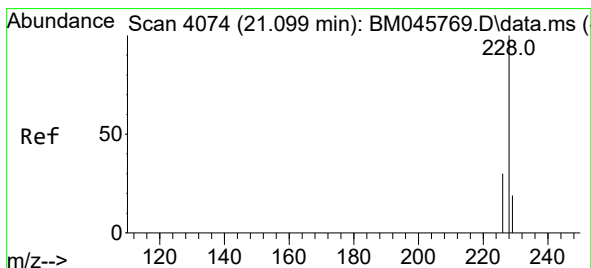
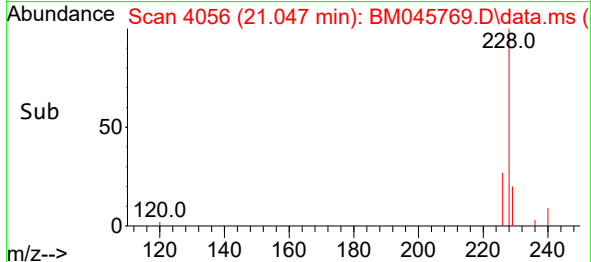
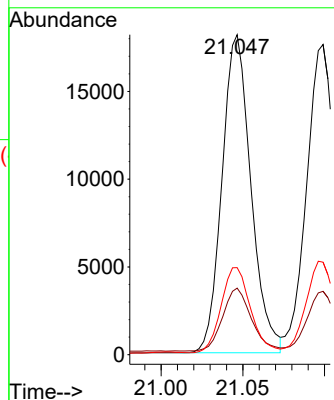
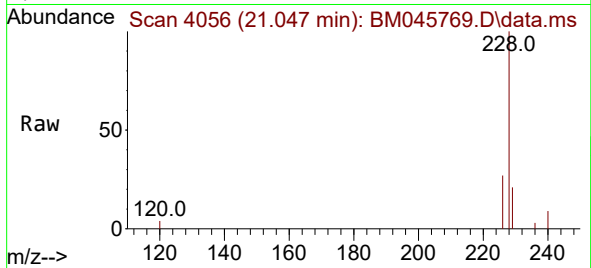




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

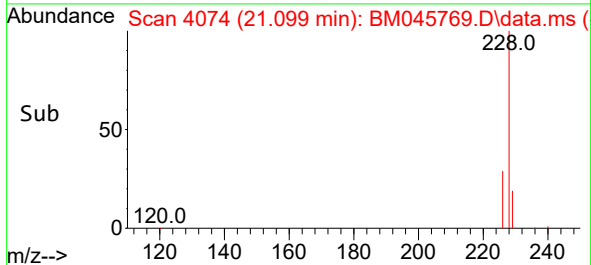
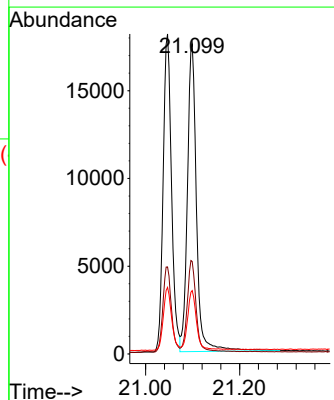
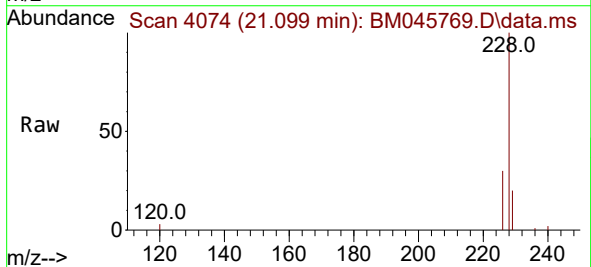
Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

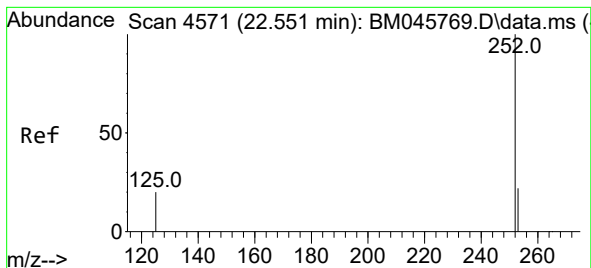
Tgt Ion:228 Resp: 22339
Ion Ratio Lower Upper
228 100
229 20.8 16.6 25.0
226 27.2 21.8 32.6



#22
Chrysene
Concen: 0.320 ng/ul
RT: 21.099 min Scan# 4074
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:228 Resp: 23538
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 20.4 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 0.326 ng/ul

RT: 22.551 min Scan# 4571

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

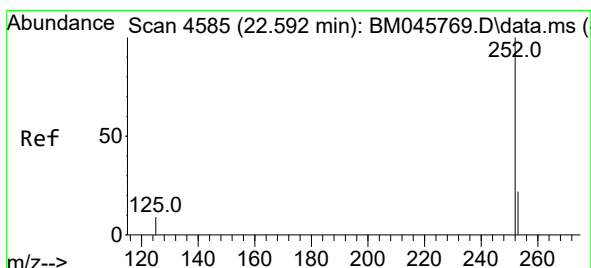
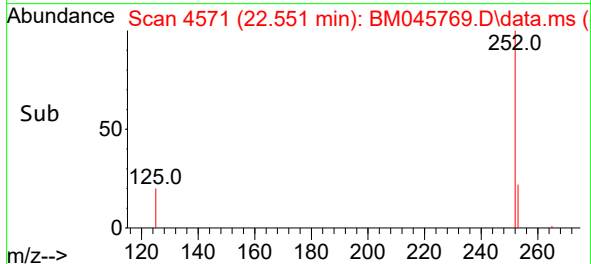
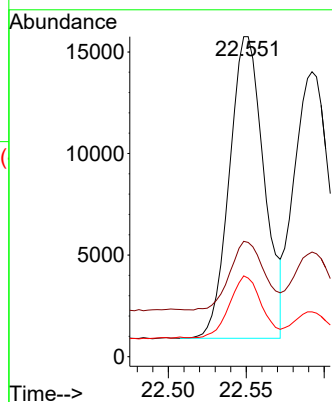
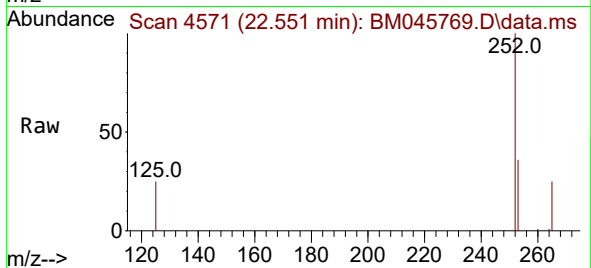
Tgt Ion:252 Resp: 22994

Ion Ratio Lower Upper

252 100

253 35.7 0.0 71.4

125 24.6 0.0 49.2



#25

Benzo(k)fluoranthene

Concen: 0.317 ng/ul

RT: 22.592 min Scan# 4585

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

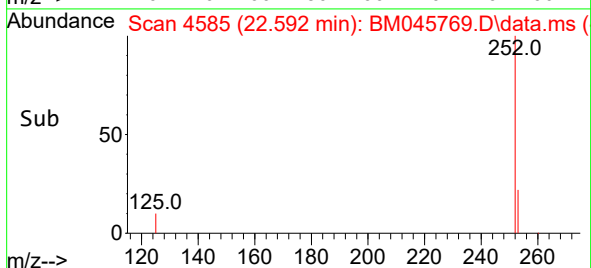
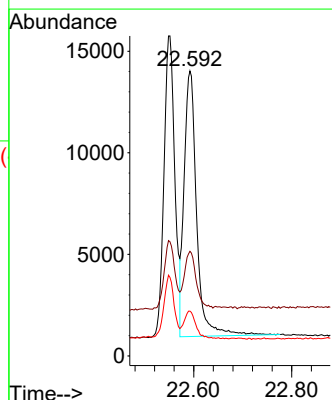
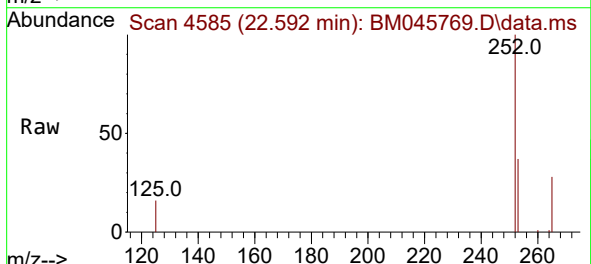
Tgt Ion:252 Resp: 23089

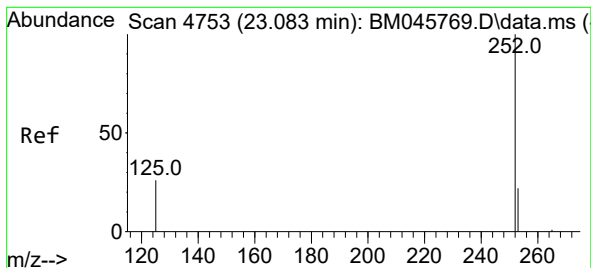
Ion Ratio Lower Upper

252 100

253 36.7 29.4 44.0

125 15.7 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 23.083 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.4003

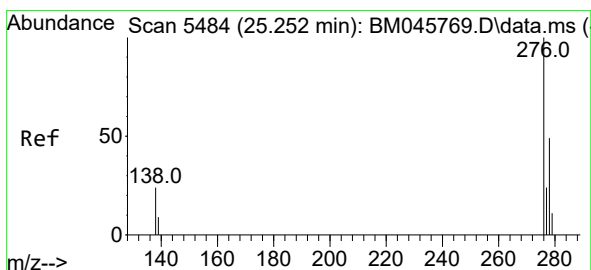
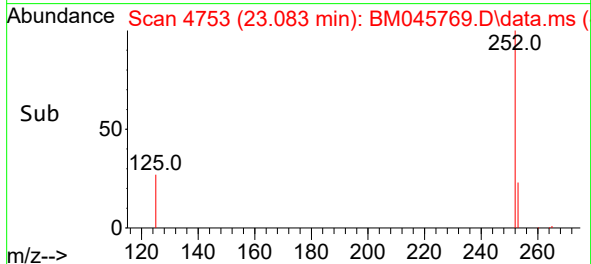
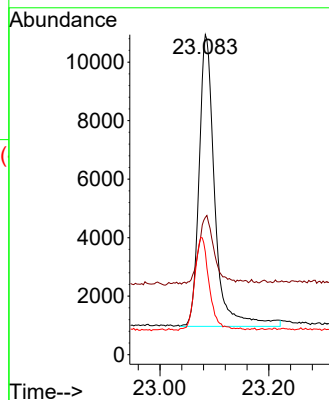
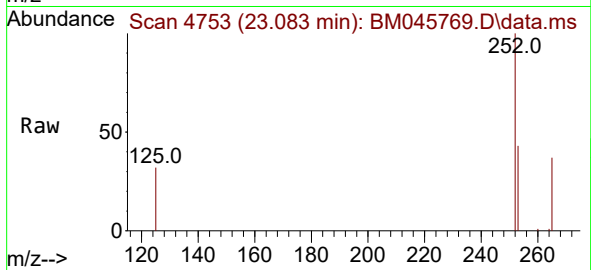
Tgt Ion:252 Resp: 20032

Ion Ratio Lower Upper

252 100

253 42.9 34.3 51.5

125 32.1 25.7 38.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.296 ng/ul

RT: 25.252 min Scan# 5484

Delta R.T. 0.000 min

Lab File: BM045769.D

Acq: 28 May 2024 20:26

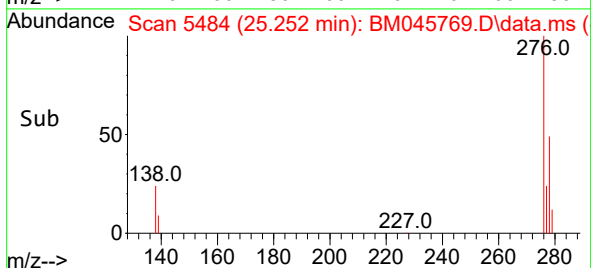
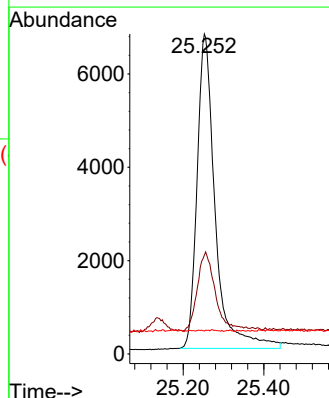
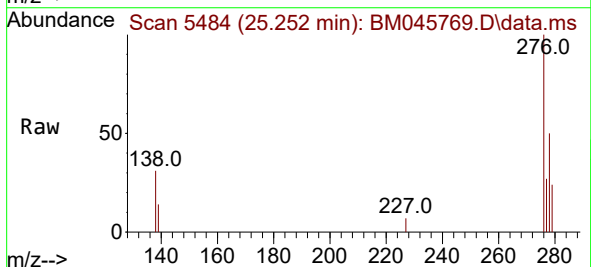
Tgt Ion:276 Resp: 20876

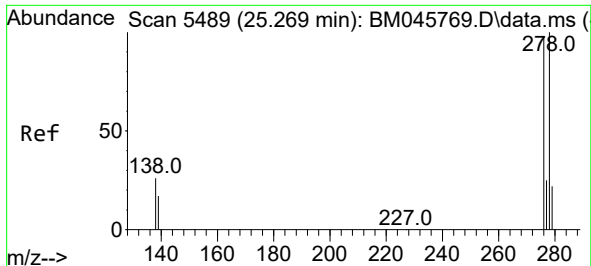
Ion Ratio Lower Upper

276 100

138 25.9 19.8 29.8

227 0.1 0.1 0.1#

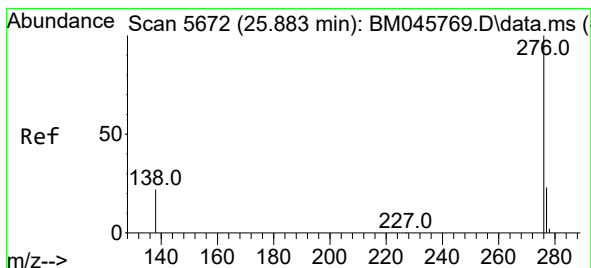
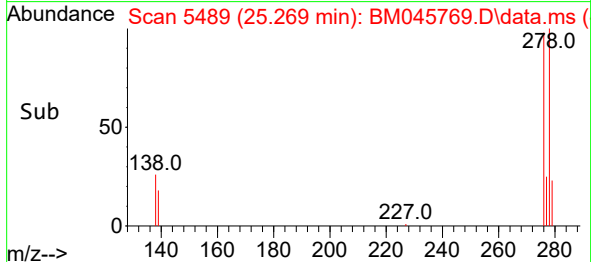
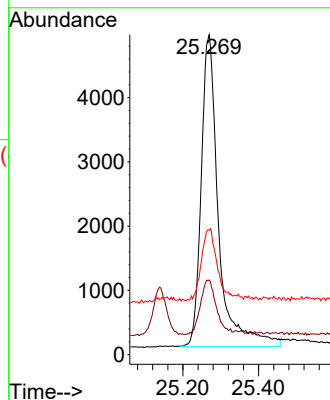
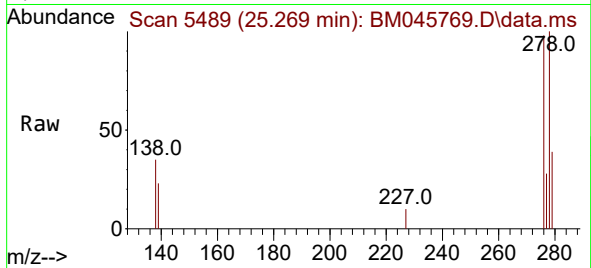




#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 25.269 min Scan# 5489
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.4003

Tgt Ion:278 Resp: 15337
Ion Ratio Lower Upper
278 100
139 23.4 18.7 28.1
279 38.8 31.0 46.6



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 25.883 min Scan# 5672
Delta R.T. 0.000 min
Lab File: BM045769.D
Acq: 28 May 2024 20:26

Tgt Ion:276 Resp: 21032
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 26.2 21.0 31.4

