

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045928.D
 Acq On : 08 Jun 2024 22:54
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4120

Quant Time: Jun 10 01:30:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

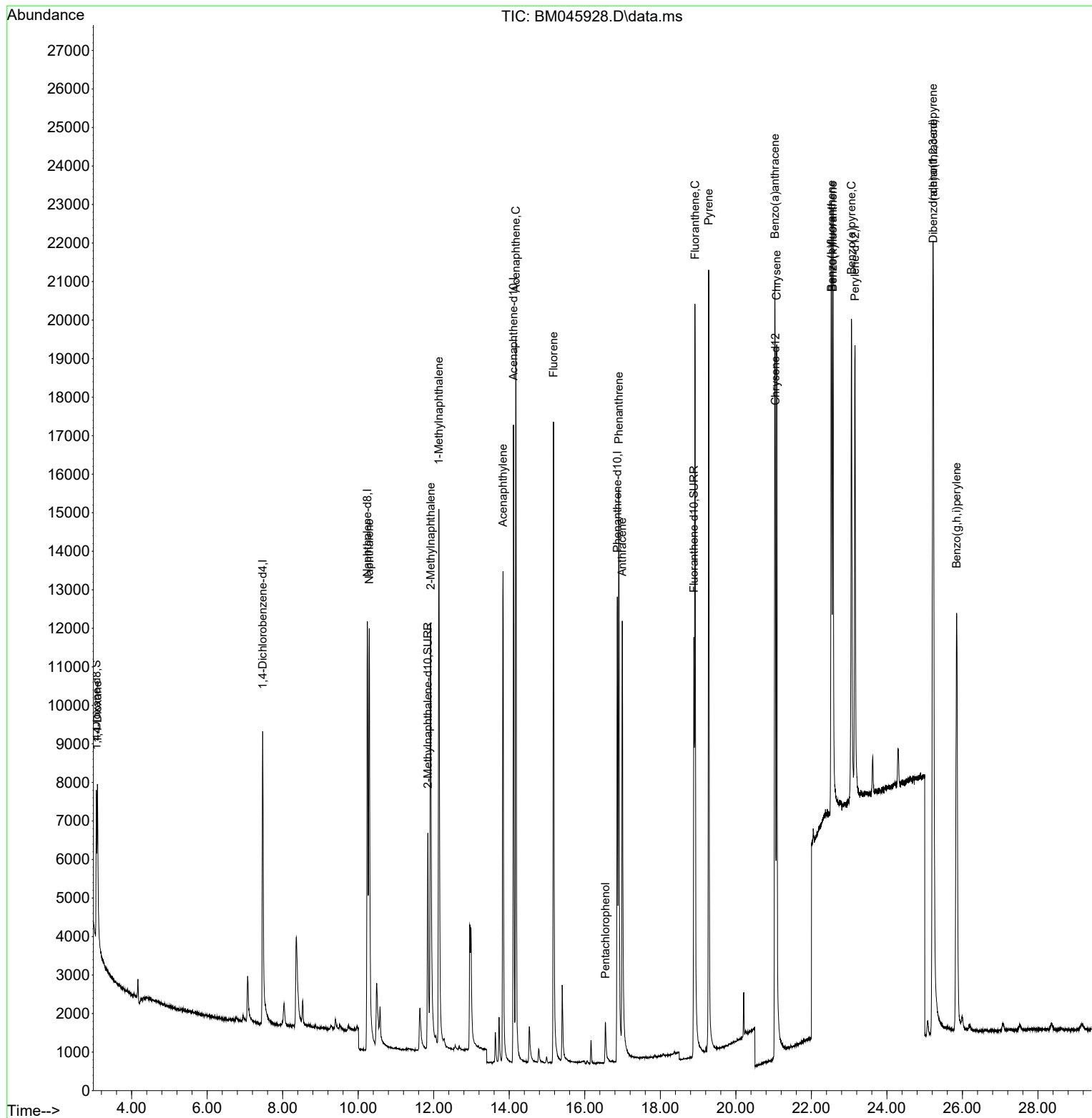
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5502	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	18104	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9635	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.861	188	17156	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	12087	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	15662	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2668	0.426	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	9687	0.372	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	14227	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.096	88	3082	0.430	ng/ul#	79
5) Naphthalene	10.292	128	18160	0.384	ng/ul	100
7) 2-Methylnaphthalene	11.920	142	11125	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.134	142	11999	0.366	ng/ul	100
10) Acenaphthylene	13.835	152	16908	0.386	ng/ul	99
11) Acenaphthene	14.177	153	12157	0.378	ng/ul	99
12) Fluorene	15.172	166	12800	0.356	ng/ul	100
14) Pentachlorophenol	16.549	266	1149	0.358	ng/ul	92
15) Phenanthrene	16.899	178	17500	0.363	ng/ul	98
16) Anthracene	16.992	178	14473	0.352	ng/ul	100
19) Fluoranthene	18.917	202	18953	0.393	ng/ul	99
20) Pyrene	19.280	202	19519	0.388	ng/ul	99
21) Benzo(a)anthracene	21.032	228	16367	0.369	ng/ul	99
22) Chrysene	21.082	228	18610	0.385	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	19356	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.572	252	20706	0.363	ng/ul	98
26) Benzo(a)pyrene	23.060	252	19204	0.372	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.219	276	25822	0.387	ng/ul	98
28) Dibenzo(a,h)anthracene	25.229	278	20368	0.381	ng/ul	98
29) Benzo(g,h,i)perylene	25.846	276	22422	0.389	ng/ul	99

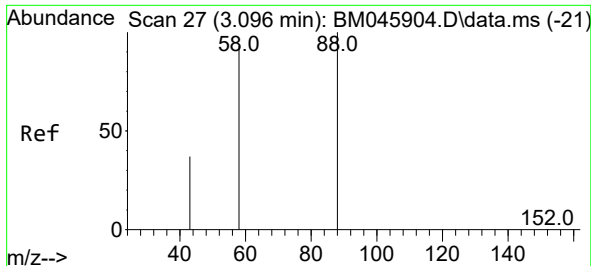
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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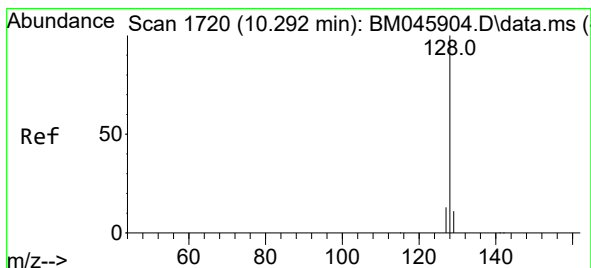
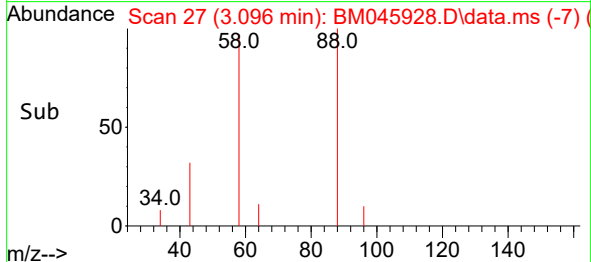
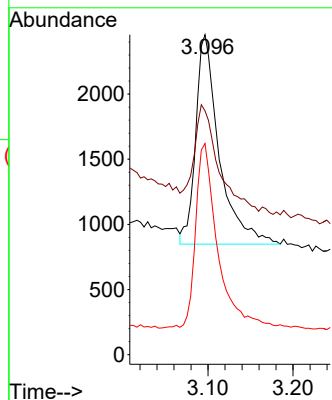
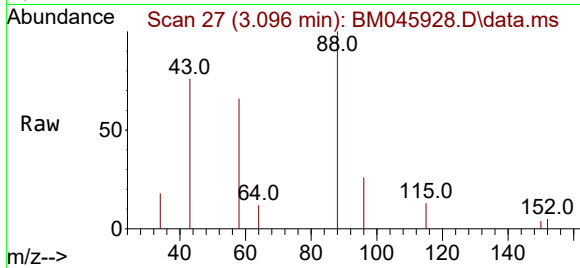




#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.096 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

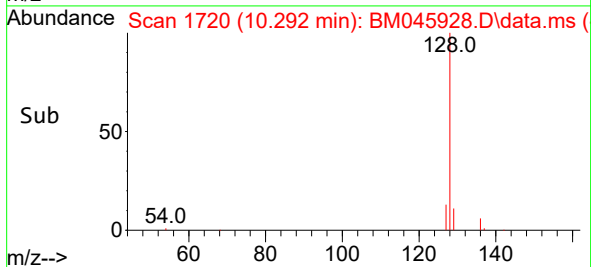
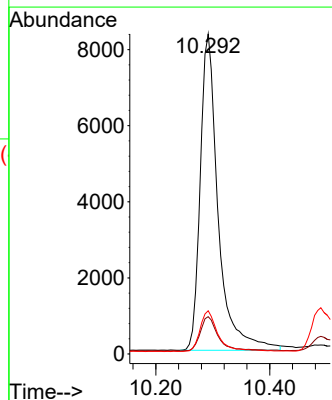
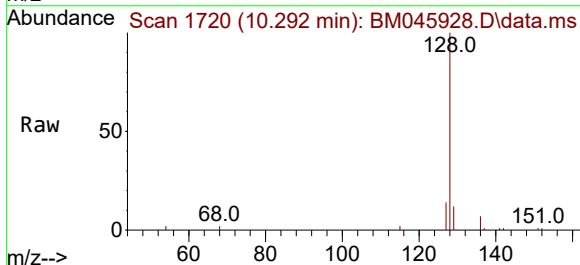
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

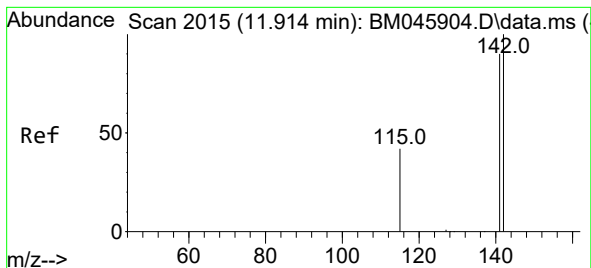
Tgt Ion: 88 Resp: 3082
Ion Ratio Lower Upper
88 100
43 76.2 87.4 131.2#
58 66.0 51.1 76.7



#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion: 128 Resp: 18160
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 10.6 15.8

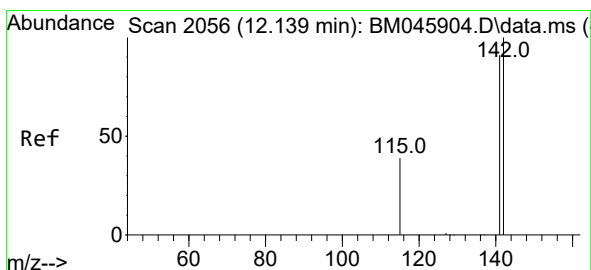
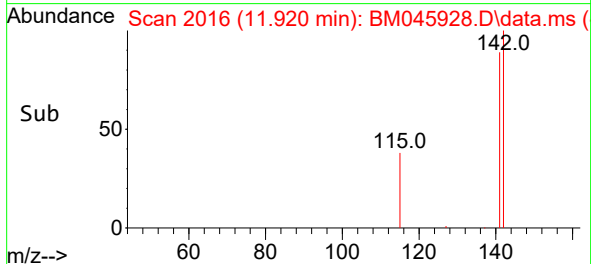
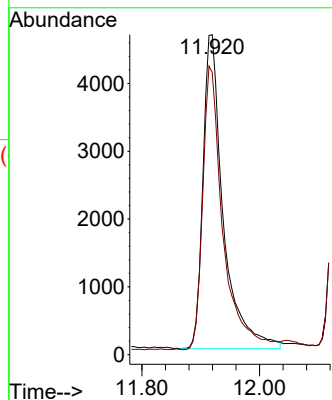
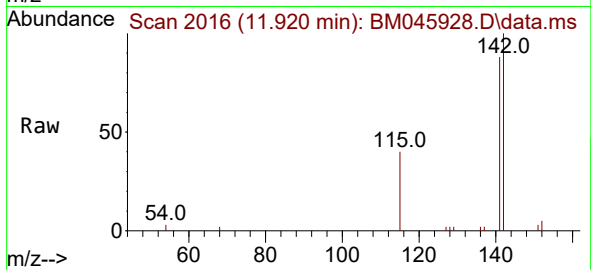




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 11.920 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

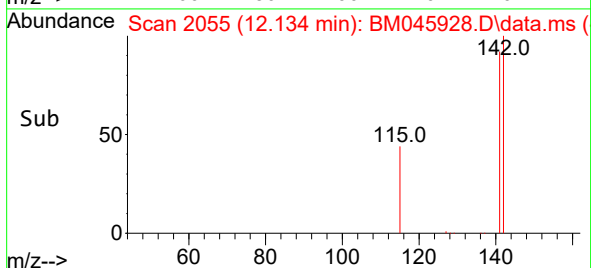
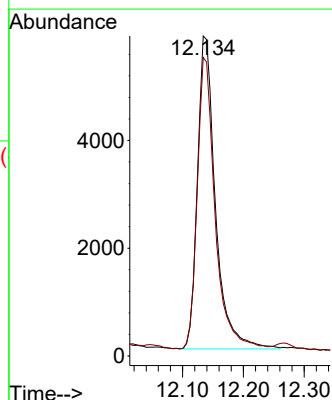
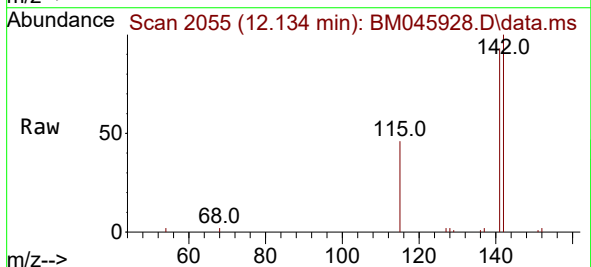
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

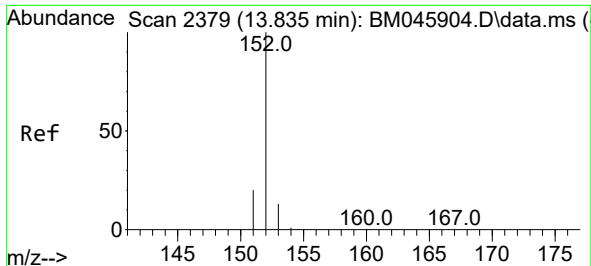
Tgt Ion:142 Resp: 11125
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:142 Resp: 11999
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

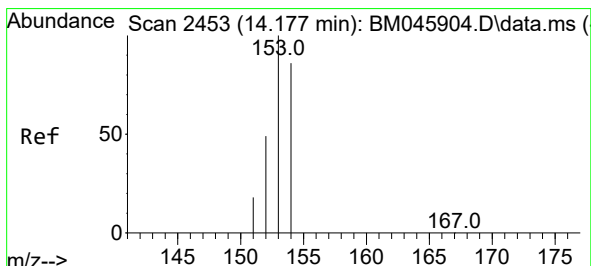
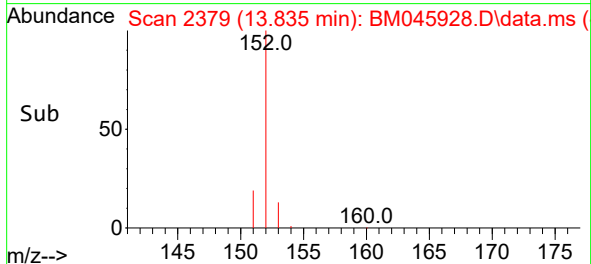
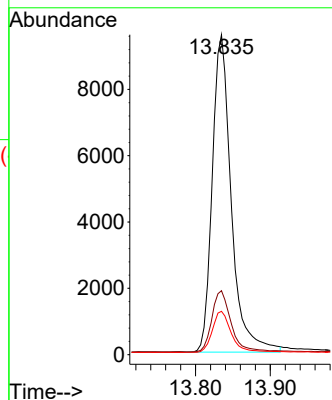
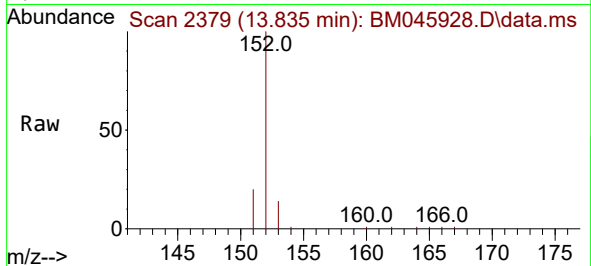




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 13.835 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

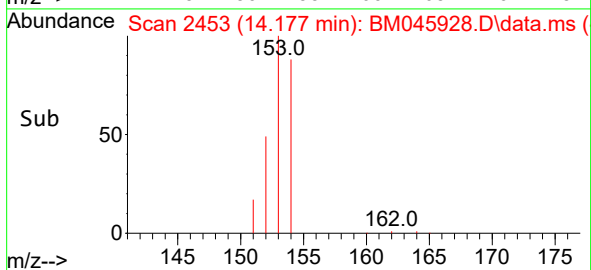
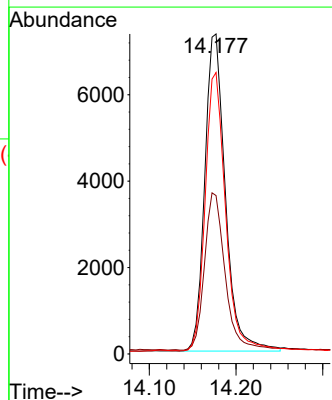
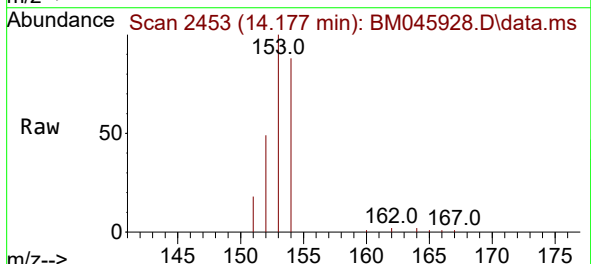
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

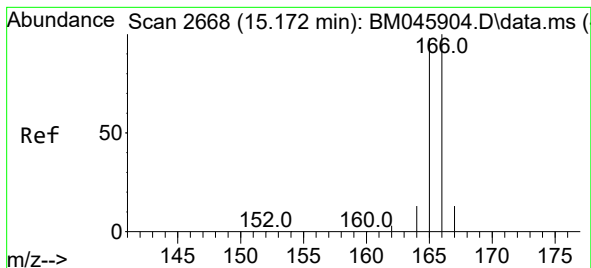
Tgt Ion:	152	Resp:	16908
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	13.6	11.1	16.7



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:	153	Resp:	12157
Ion Ratio	Lower	Upper	
153	100		
152	49.5	39.0	58.4
154	88.0	69.4	104.2





#12

Fluorene

Concen: 0.356 ng/ul

RT: 15.172 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM045928.D

Acq: 08 Jun 2024 22:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4120

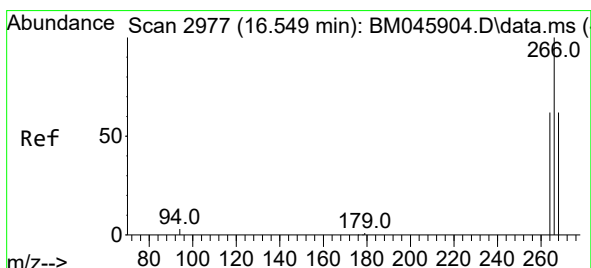
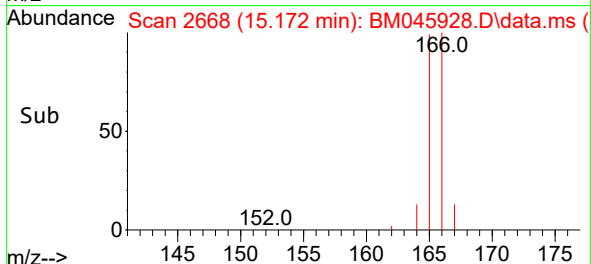
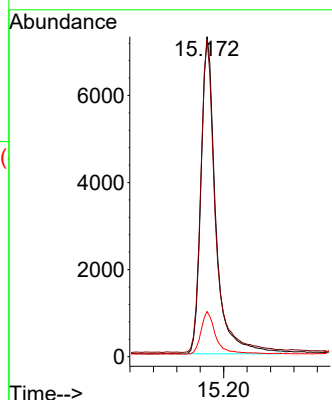
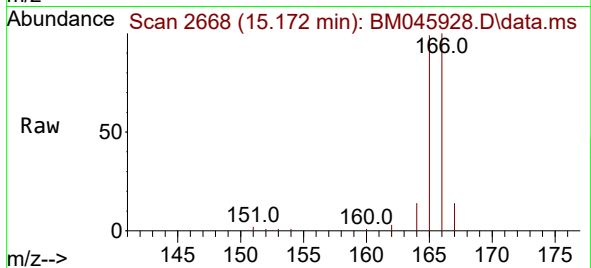
Tgt Ion:166 Resp: 12800

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.358 ng/ul

RT: 16.549 min Scan# 2977

Delta R.T. -0.004 min

Lab File: BM045928.D

Acq: 08 Jun 2024 22:54

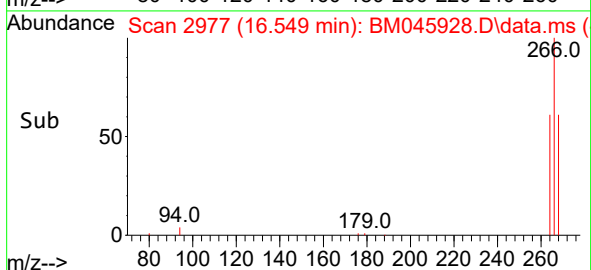
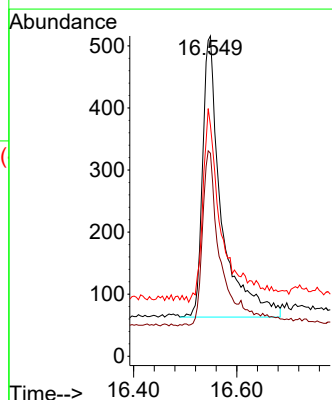
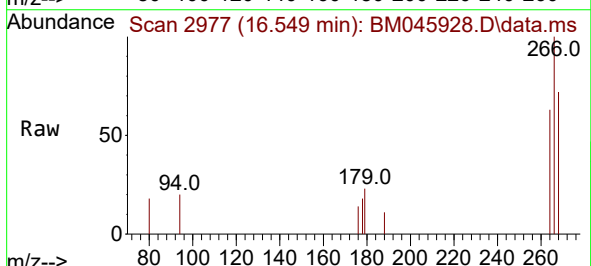
Tgt Ion:266 Resp: 1149

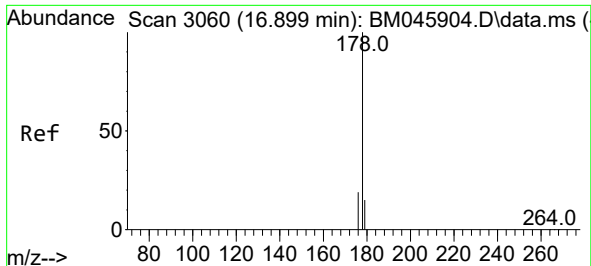
Ion Ratio Lower Upper

266 100

264 63.2 47.9 71.9

268 72.7 50.9 76.3

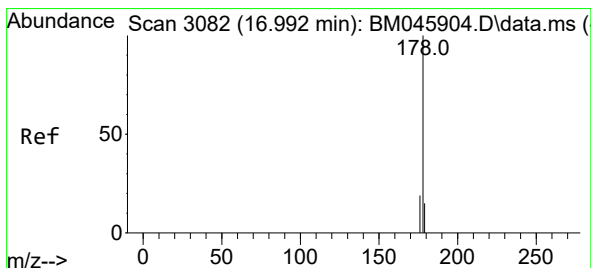
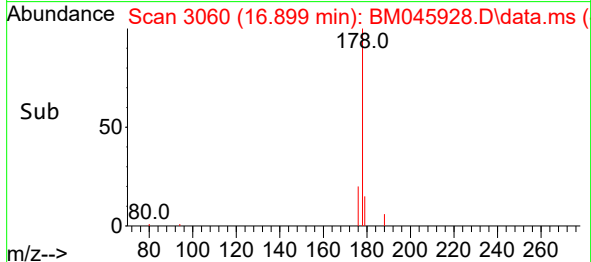
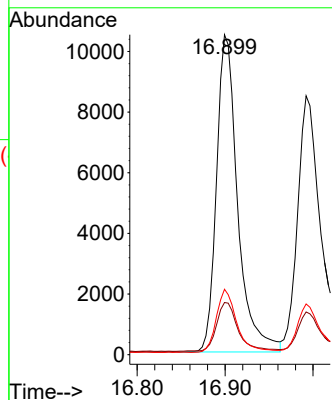
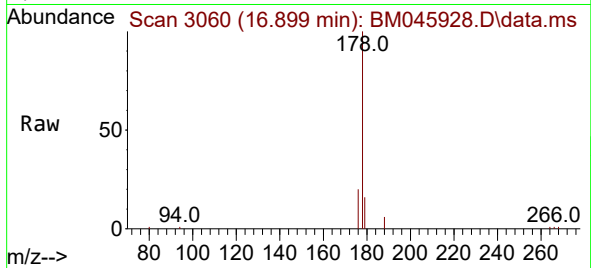




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 16.899 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

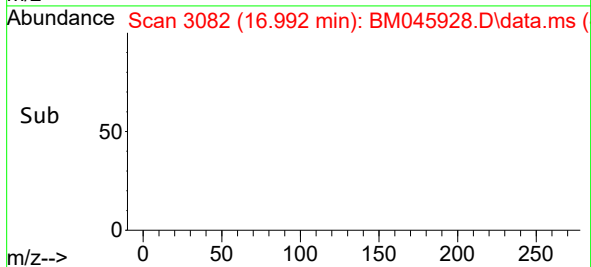
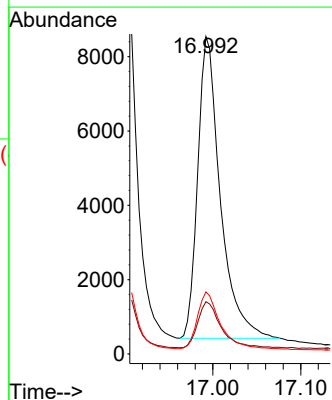
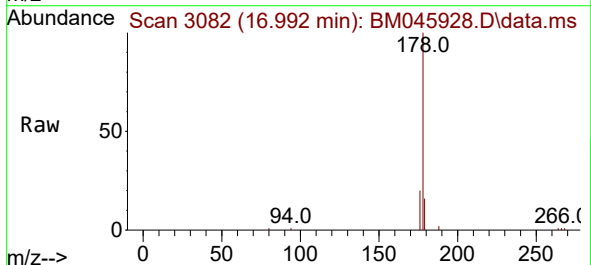
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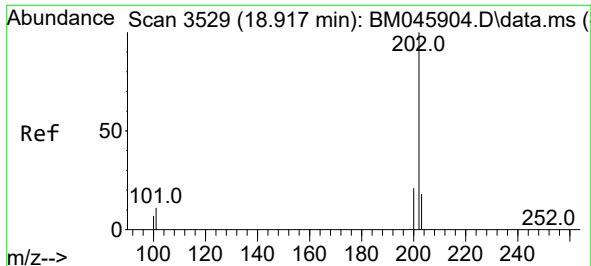
Tgt Ion:178 Resp: 17500
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.4 15.6 23.4



#16
Anthracene
Concen: 0.352 ng/ul
RT: 16.992 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:178 Resp: 14473
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 19.6 15.5 23.3

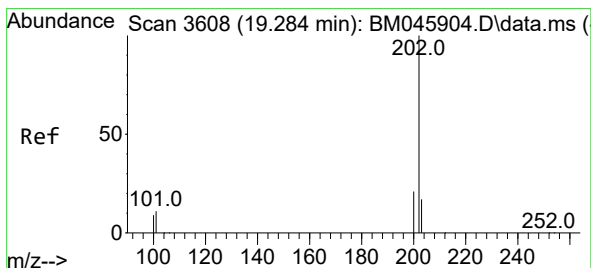
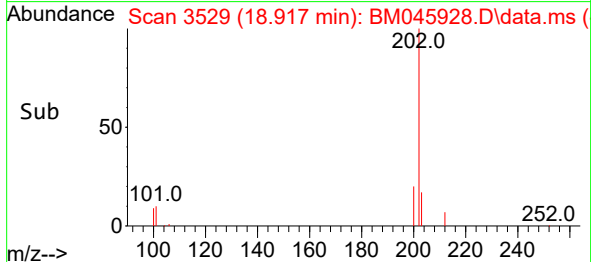
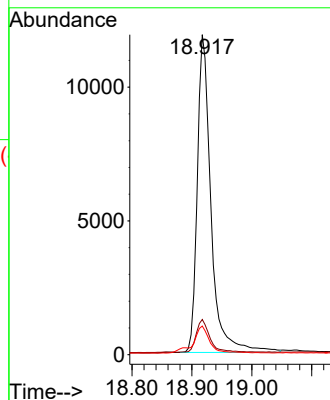
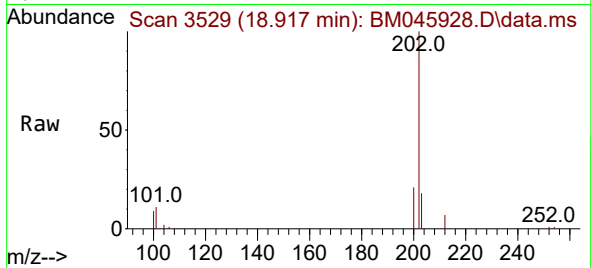




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

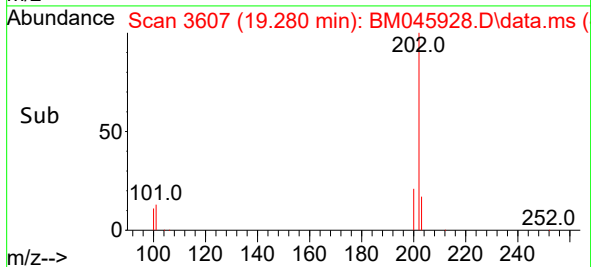
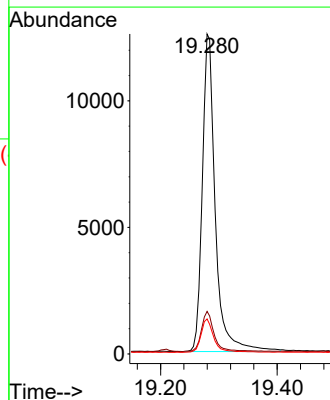
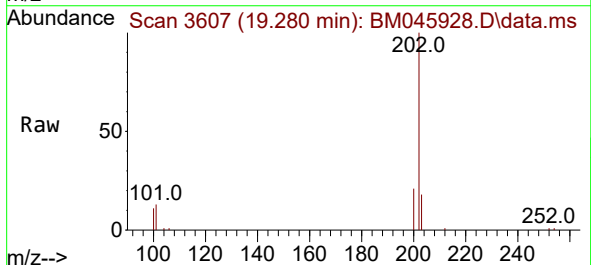
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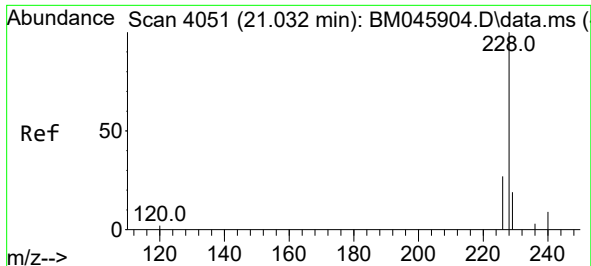
Tgt Ion:202 Resp: 18953
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:202 Resp: 19519
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 11.0 9.1 13.7

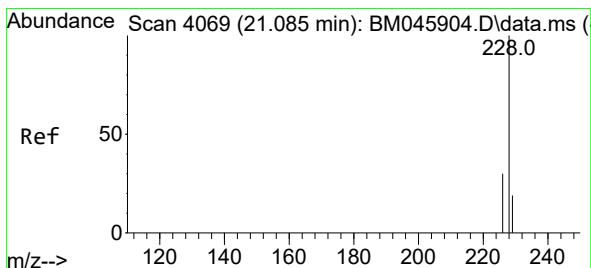
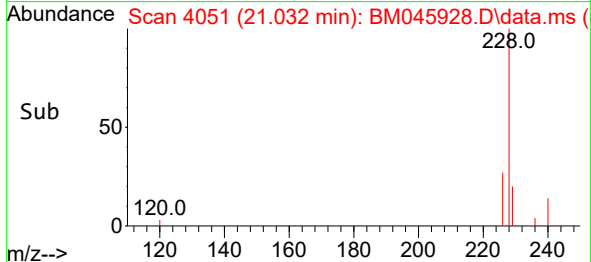
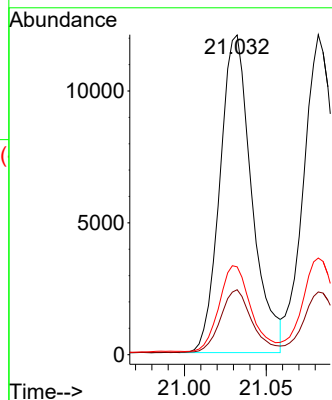
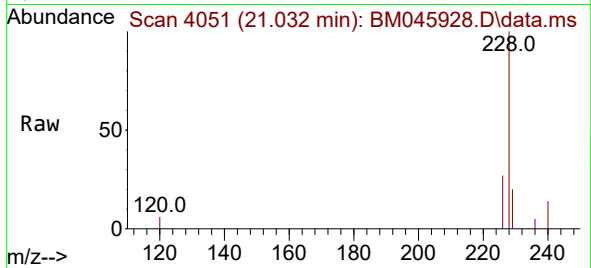




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

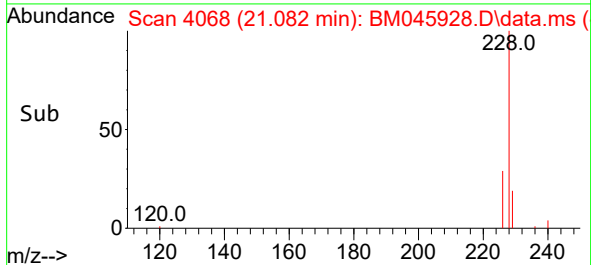
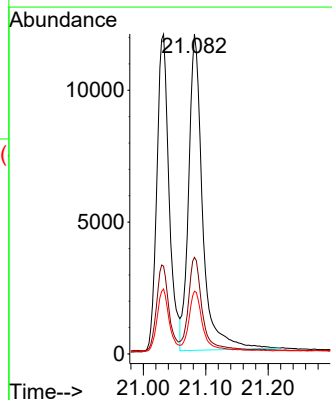
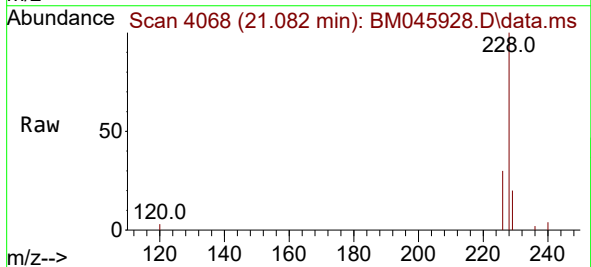
Instrument :
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ClientSampleId :
SSTD0.4120

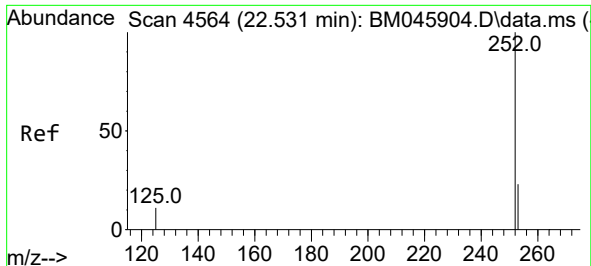
Tgt Ion:228 Resp: 16367
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:228 Resp: 18610
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.6 16.2 24.2

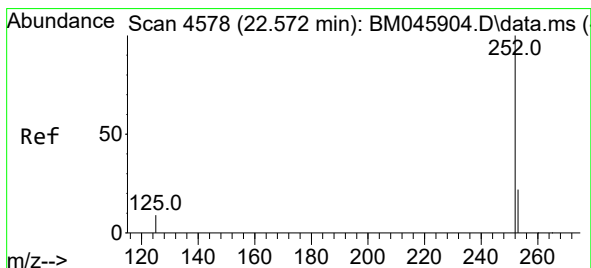
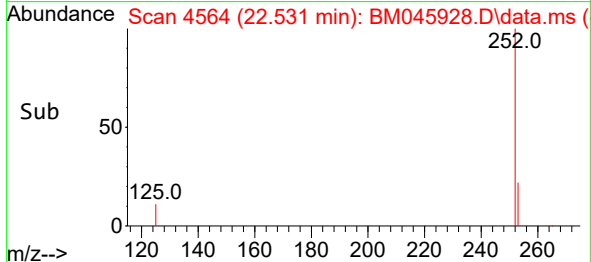
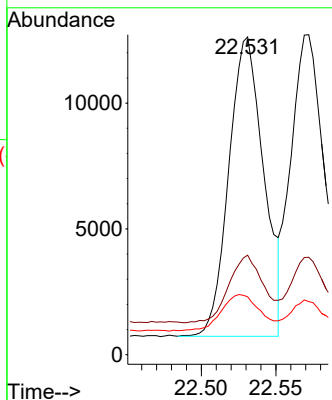
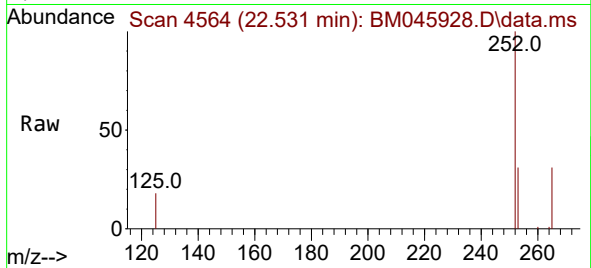




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

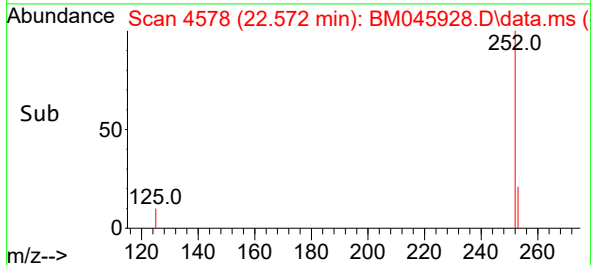
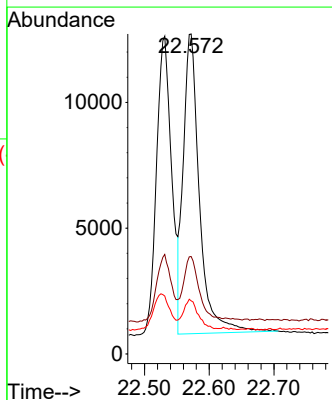
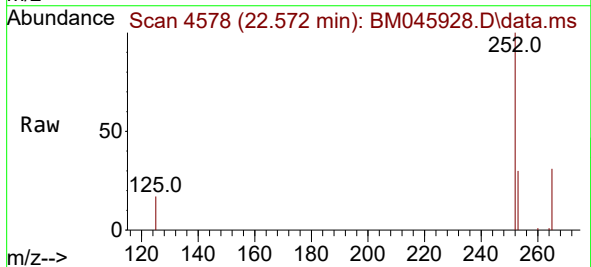
Instrument :
BNA_M
ClientSampleId :
SSTD0.4120

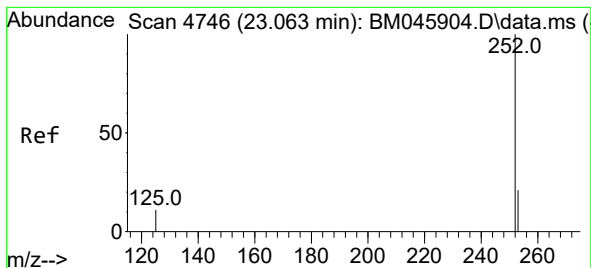
Tgt Ion:252 Resp: 19356
Ion Ratio Lower Upper
252 100
253 31.3 0.0 63.6
125 18.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045928.D
Acq: 08 Jun 2024 22:54

Tgt Ion:252 Resp: 20706
Ion Ratio Lower Upper
252 100
253 30.4 25.0 37.6
125 16.6 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.060 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM045928.D

Acq: 08 Jun 2024 22:54

Instrument :

BNA_M

ClientSampleId :

SSTD0.4120

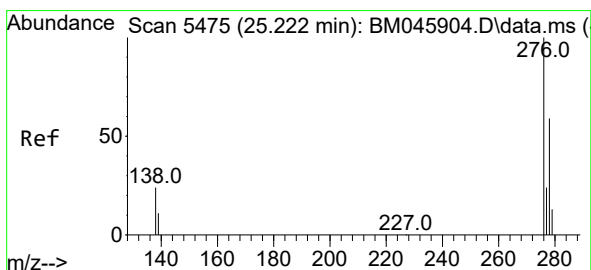
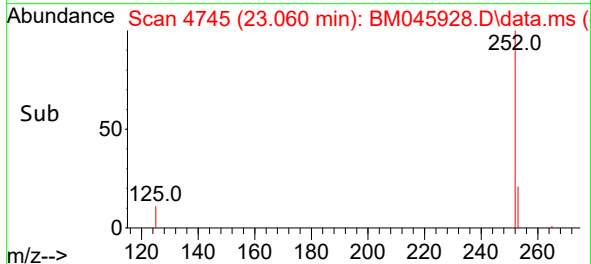
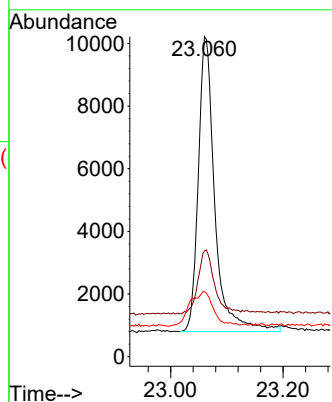
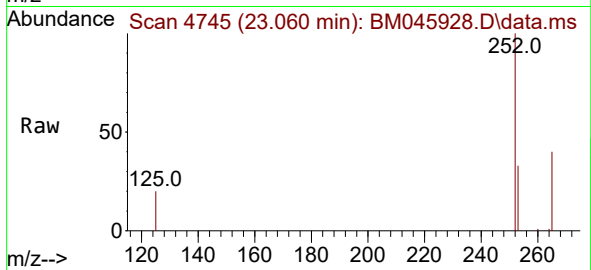
Tgt Ion:252 Resp: 19204

Ion Ratio Lower Upper

252 100

253 33.1 28.8 43.2

125 20.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 25.219 min Scan# 5474

Delta R.T. -0.013 min

Lab File: BM045928.D

Acq: 08 Jun 2024 22:54

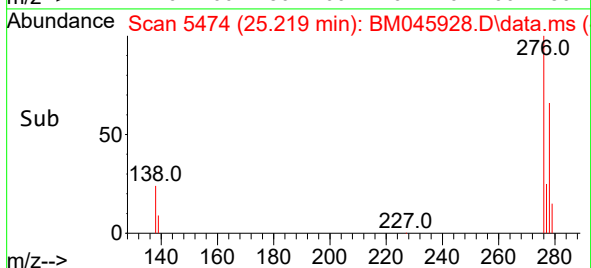
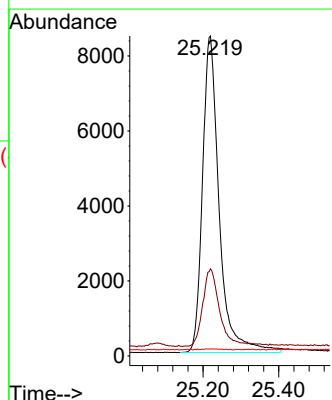
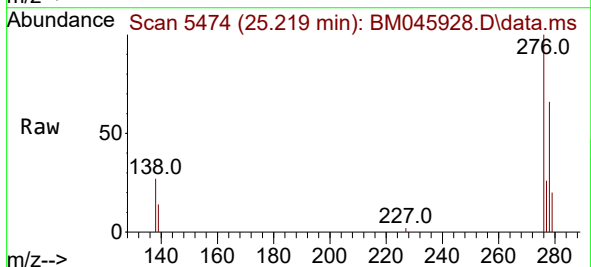
Tgt Ion:276 Resp: 25822

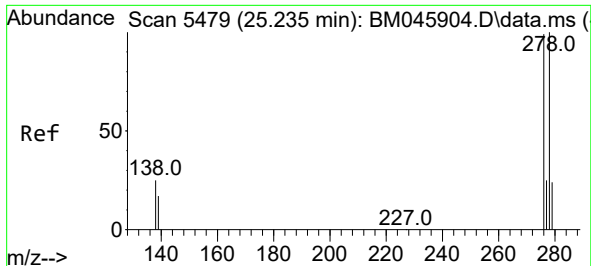
Ion Ratio Lower Upper

276 100

138 24.9 20.7 31.1

227 0.2 0.2 0.2

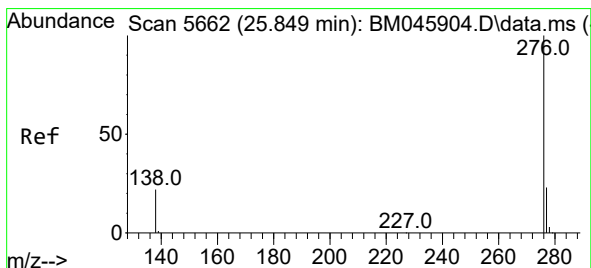
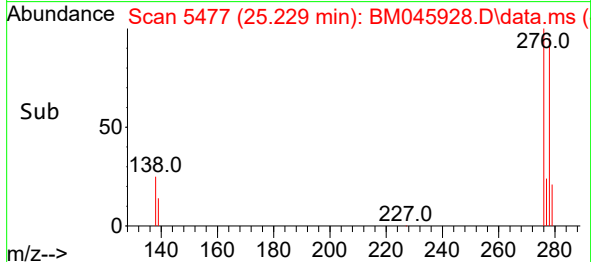
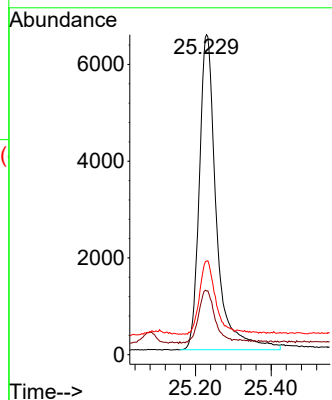
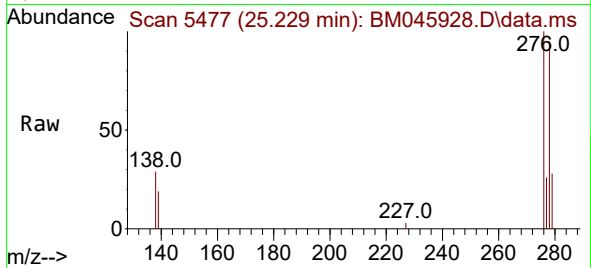




#28
 Dibenzo(a,h)anthracene
 Concen: 0.381 ng/ul
 RT: 25.229 min Scan# 5477
 Delta R.T. -0.020 min
 Lab File: BM045928.D
 Acq: 08 Jun 2024 22:54

Instrument :
 BNA_M
 ClientSampleId :
 SST00.4120

Tgt Ion:278 Resp: 20368
 Ion Ratio Lower Upper
 278 100
 139 19.9 16.6 25.0
 279 29.3 24.6 37.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.389 ng/ul
 RT: 25.846 min Scan# 5661
 Delta R.T. -0.016 min
 Lab File: BM045928.D
 Acq: 08 Jun 2024 22:54

Tgt Ion:276 Resp: 22422
 Ion Ratio Lower Upper
 276 100
 138 25.2 21.0 31.4
 277 25.4 20.5 30.7

