

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045926.D
 Acq On : 08 Jun 2024 21:06
 Operator : MA/JU
 Sample : PB161252BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS252

Quant Time: Jun 10 01:30:05 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)

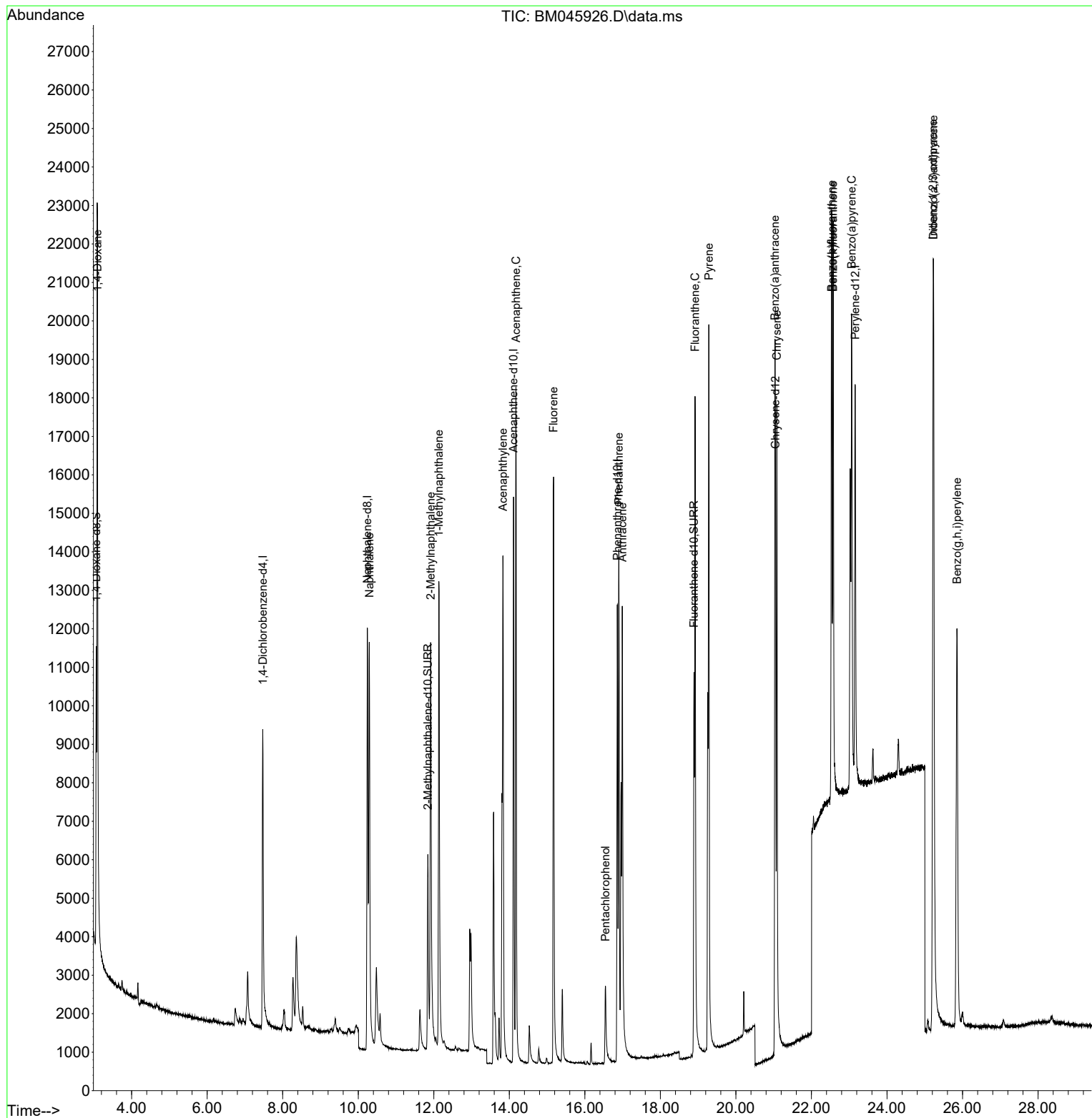
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5288	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	17528	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9060	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.861	188	15408	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	10846	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	13706	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4543	0.754	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.842	152	8733	0.346	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	12545	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	12476	1.810	ng/ul#	57
5) Naphthalene	10.292	128	17129	0.374	ng/ul	99
7) 2-Methylnaphthalene	11.919	142	10429	0.357	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	10317	0.325	ng/ul	100
10) Acenaphthylene	13.830	152	15948	0.387	ng/ul	99
11) Acenaphthene	14.177	153	11290	0.373	ng/ul	100
12) Fluorene	15.172	166	11814	0.349	ng/ul	98
14) Pentachlorophenol	16.545	266	2301	0.799	ng/ul	98
15) Phenanthrene	16.899	178	16007	0.370	ng/ul	99
16) Anthracene	16.992	178	13823	0.375	ng/ul	100
19) Fluoranthene	18.917	202	17350	0.401	ng/ul	99
20) Pyrene	19.284	202	18073	0.401	ng/ul	98
21) Benzo(a)anthracene	21.032	228	15458	0.388	ng/ul	99
22) Chrysene	21.085	228	17327	0.400	ng/ul	100
24) Benzo(b)fluoranthene	22.534	252	18327	0.403	ng/ul	99
25) Benzo(k)fluoranthene	22.575	252	19378	0.388	ng/ul	100
26) Benzo(a)pyrene	23.063	252	17626	0.390	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.222	276	24130	0.413	ng/ul	97
28) Dibenzo(a,h)anthracene	25.232	278	19259	0.412	ng/ul	98
29) Benzo(g,h,i)perylene	25.853	276	20991	0.416	ng/ul	99

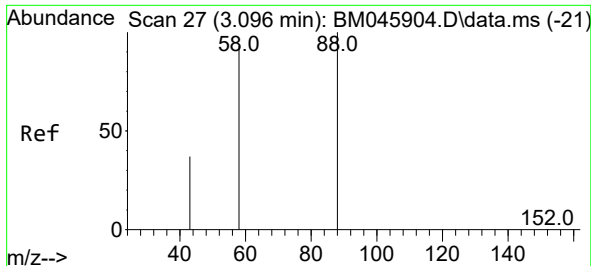
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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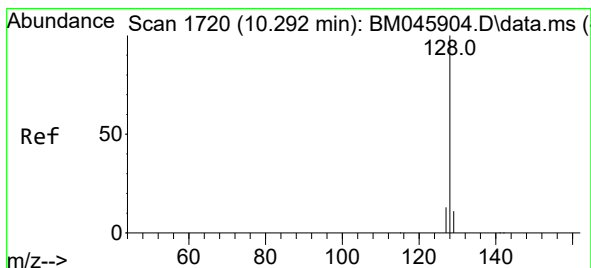
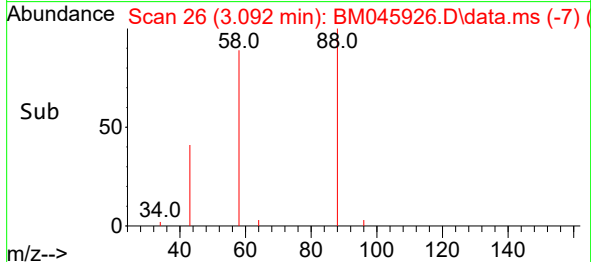
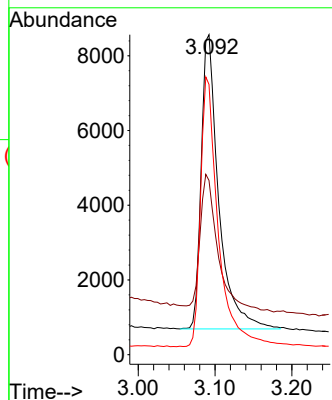
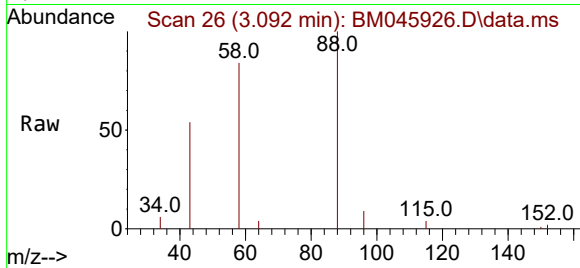




#2
1,4-Dioxane
Concen: 1.810 ng/ul
RT: 3.092 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

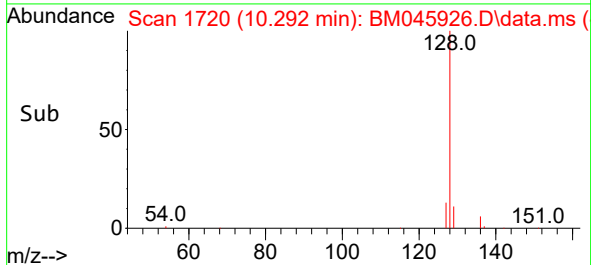
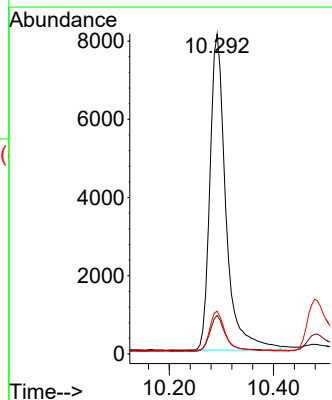
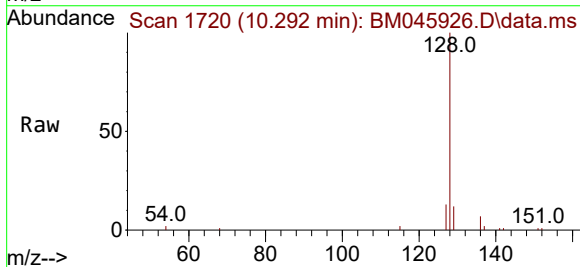
Instrument :
BNA_M
ClientSampleId :
SLCS252

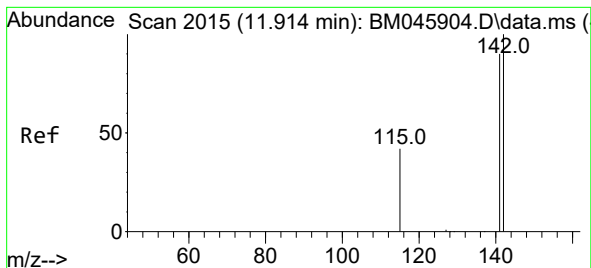
Tgt Ion: 88 Resp: 12476
Ion Ratio Lower Upper
88 100
43 54.4 87.4 131.2#
58 84.4 51.1 76.7#



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion: 128 Resp: 17129
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.4 10.6 15.8

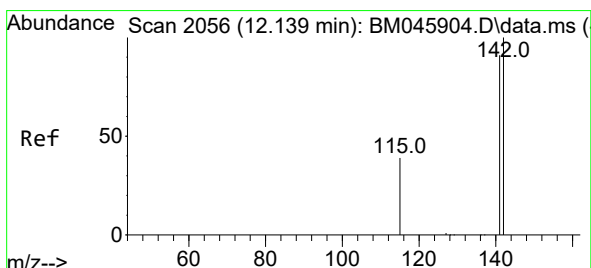
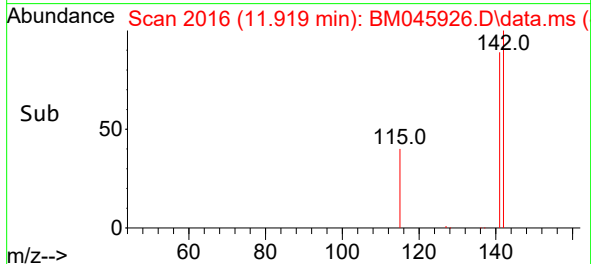
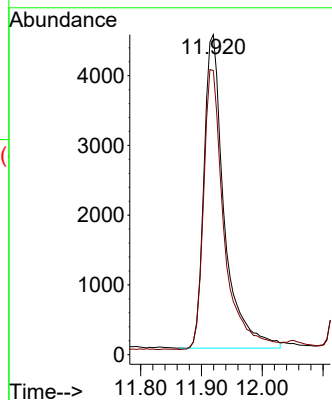
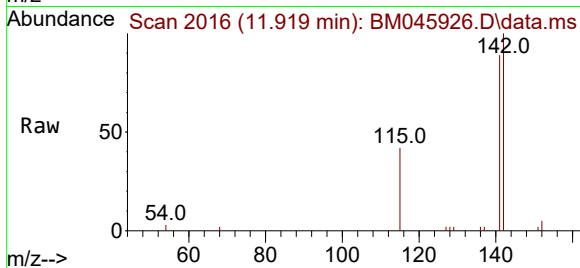




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 11.919 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

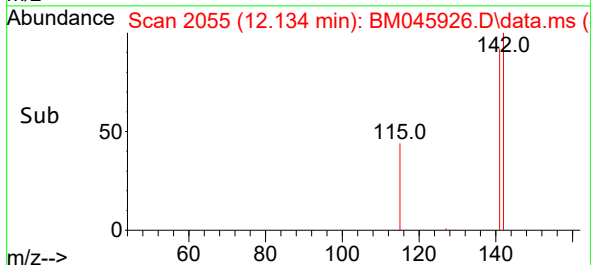
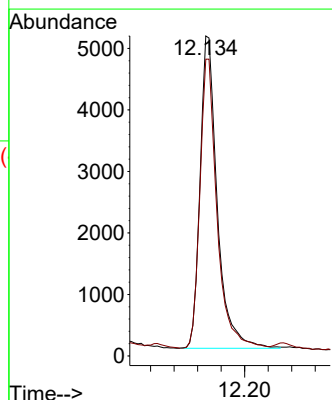
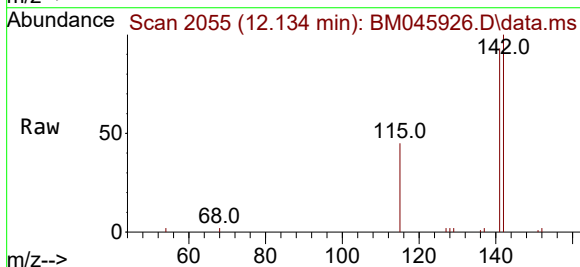
Instrument :
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ClientSampleId :
SLCS252

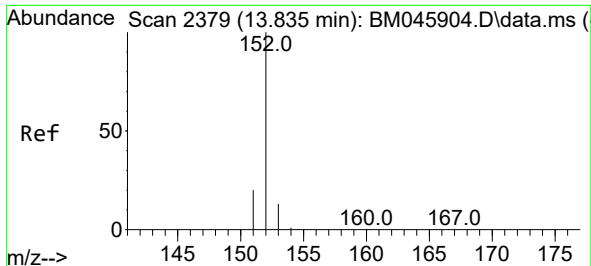
Tgt Ion:142 Resp: 10429
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:142 Resp: 10317
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

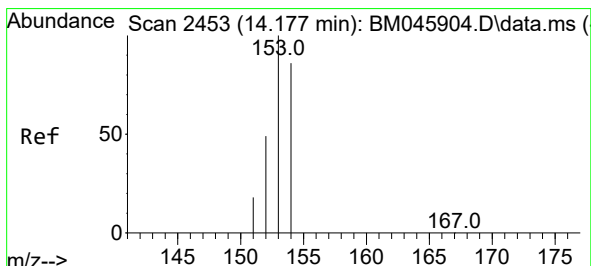
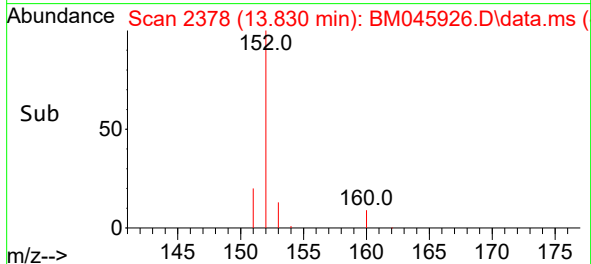
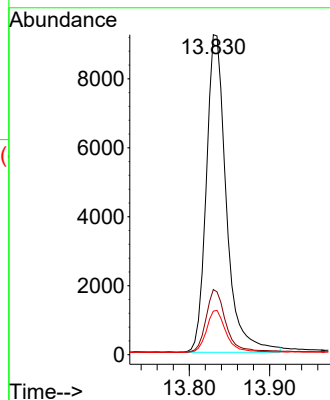
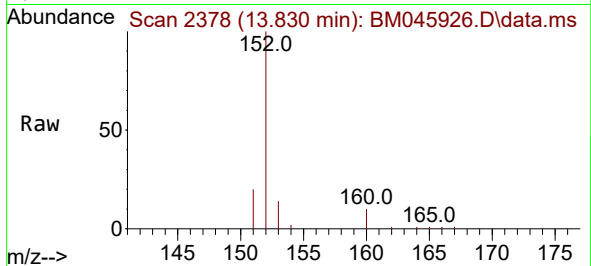




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 13.830 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

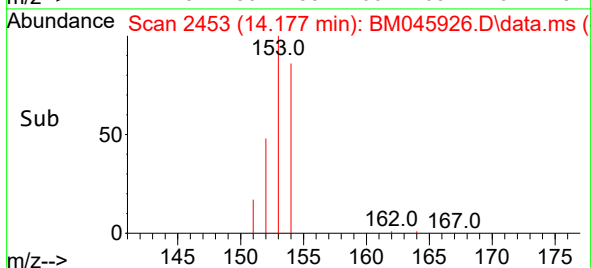
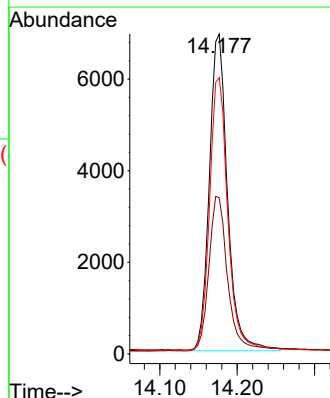
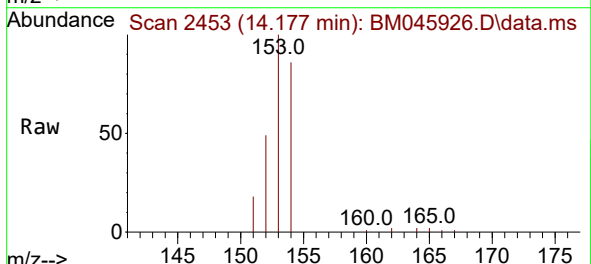
Instrument :
BNA_M
ClientSampleId :
SLCS252

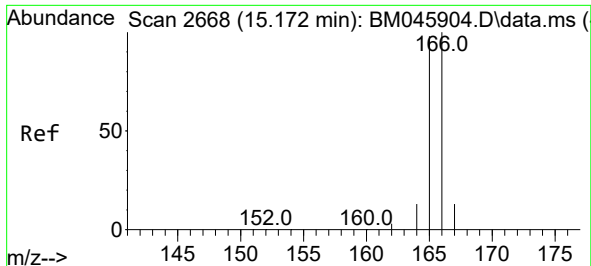
Tgt Ion:152 Resp: 15948
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:153 Resp: 11290
Ion Ratio Lower Upper
153 100
152 48.8 39.0 58.4
154 86.4 69.4 104.2

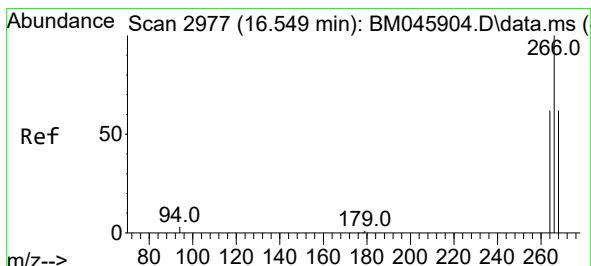
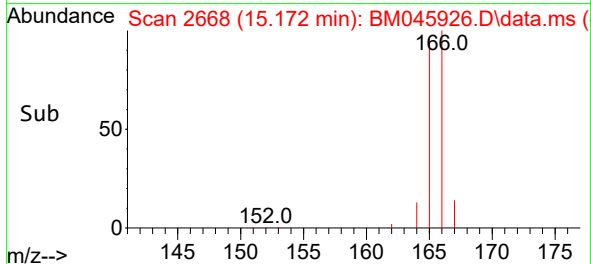
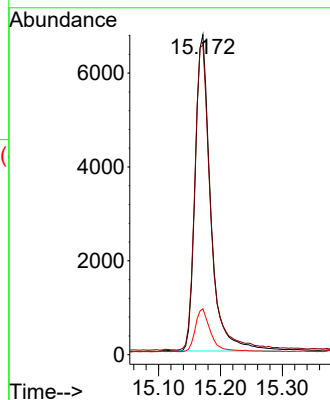
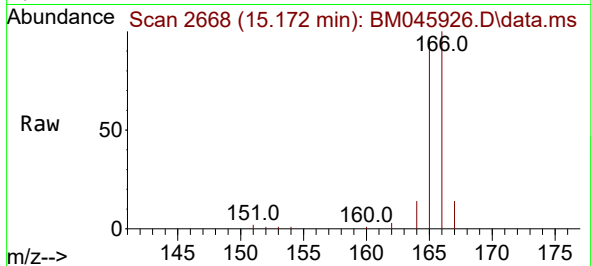




#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.172 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

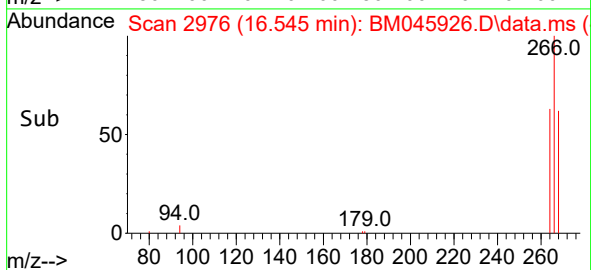
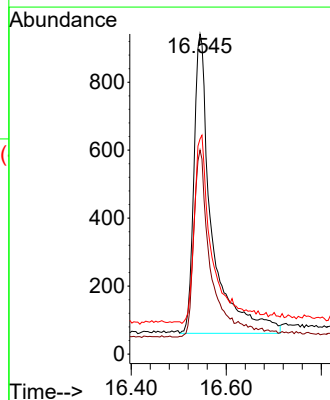
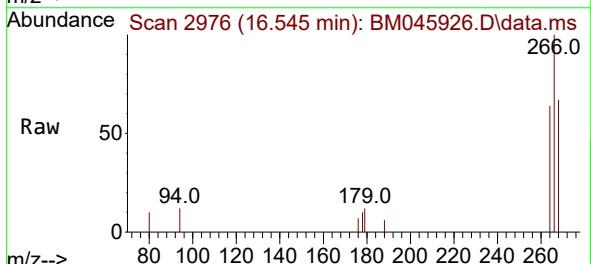
Instrument :
BNA_M
ClientSampleId :
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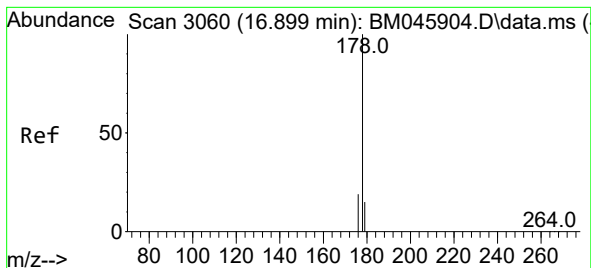
Tgt Ion:166 Resp: 11814
Ion Ratio Lower Upper
166 100
165 96.8 79.7 119.5
167 14.4 11.3 16.9



#14
Pentachlorophenol
Concen: 0.799 ng/ul
RT: 16.545 min Scan# 2976
Delta R.T. -0.009 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:266 Resp: 2301
Ion Ratio Lower Upper
266 100
264 61.3 47.9 71.9
268 66.0 50.9 76.3





#15

Phenanthrene

Concen: 0.370 ng/ul

RT: 16.899 min Scan# 3060

Delta R.T. -0.004 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

Instrument :

BNA_M

ClientSampleId :

SLCS252

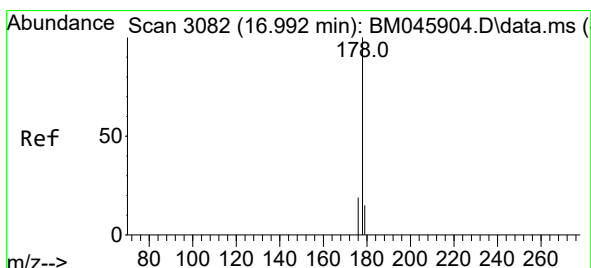
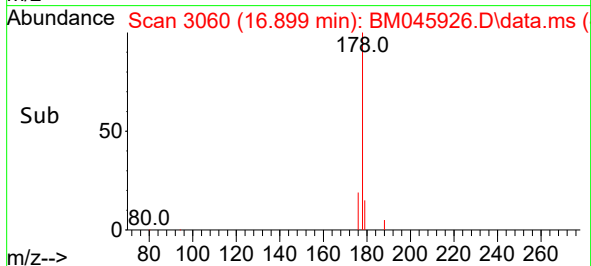
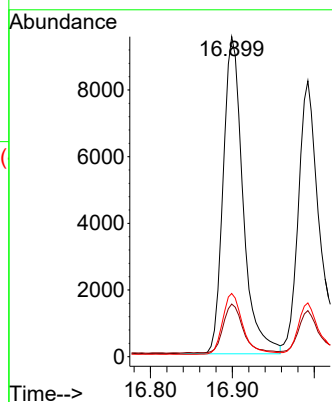
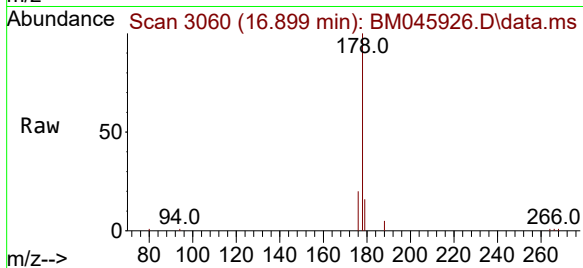
Tgt Ion:178 Resp: 16007

Ion Ratio Lower Upper

178 100

179 16.5 12.7 19.1

176 19.8 15.6 23.4



#16

Anthracene

Concen: 0.375 ng/ul

RT: 16.992 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

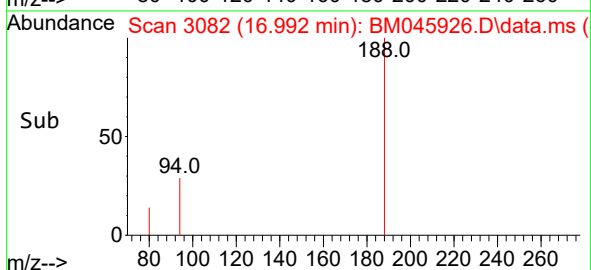
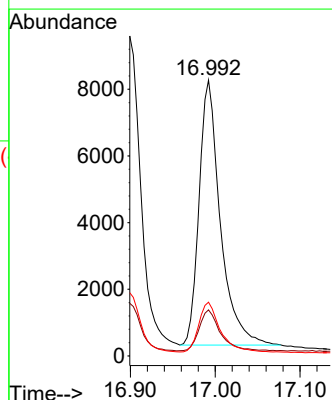
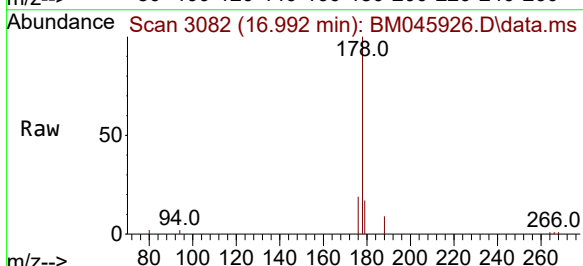
Tgt Ion:178 Resp: 13823

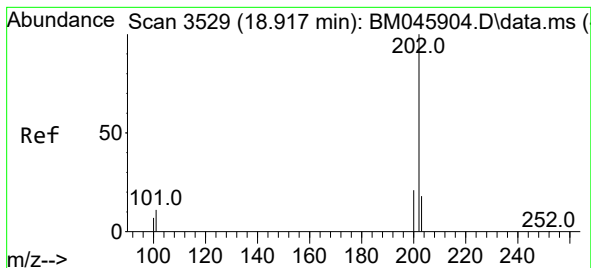
Ion Ratio Lower Upper

178 100

179 16.7 13.1 19.7

176 19.5 15.5 23.3





#19

Fluoranthene

Concen: 0.401 ng/ul

RT: 18.917 min Scan# 3529

Delta R.T. -0.005 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

Instrument :

BNA_M

ClientSampleId :

SLCS252

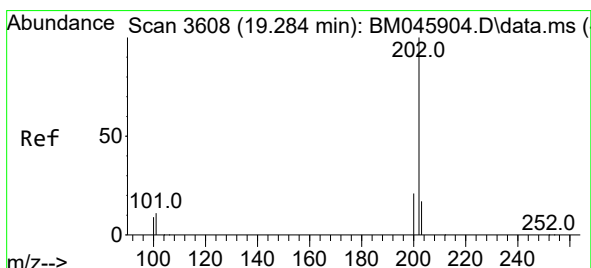
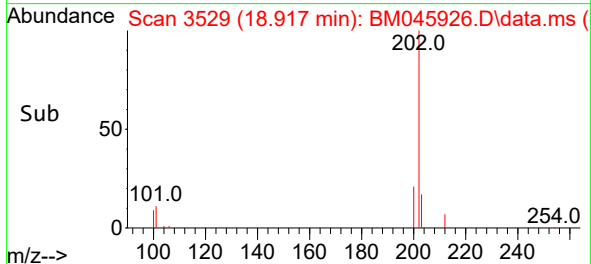
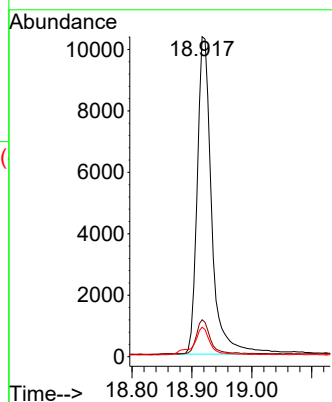
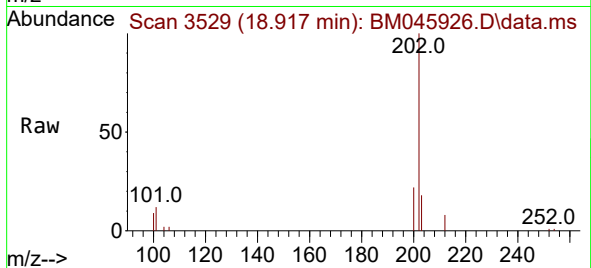
Tgt Ion:202 Resp: 17350

Ion Ratio Lower Upper

202 100

101 11.6 9.0 13.6

100 9.2 7.0 10.6



#20

Pyrene

Concen: 0.401 ng/ul

RT: 19.284 min Scan# 3608

Delta R.T. -0.000 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

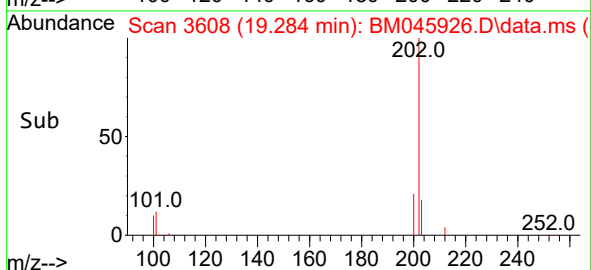
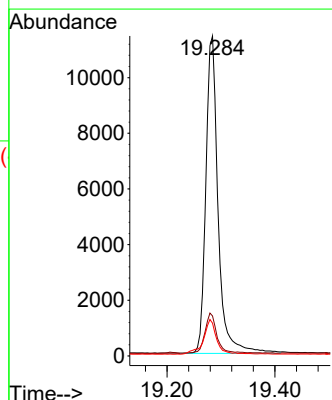
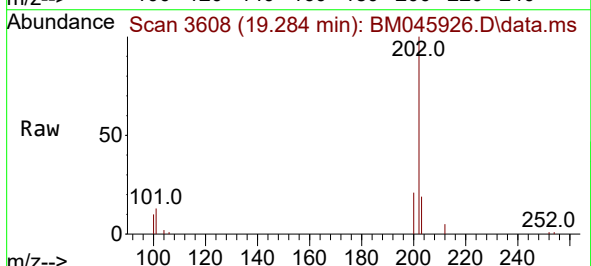
Tgt Ion:202 Resp: 18073

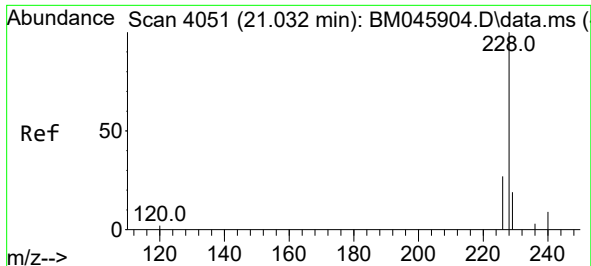
Ion Ratio Lower Upper

202 100

101 12.5 10.6 16.0

100 10.2 9.1 13.7

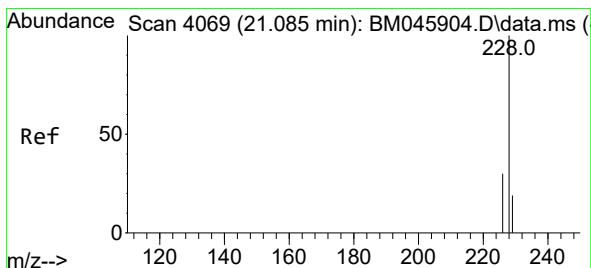
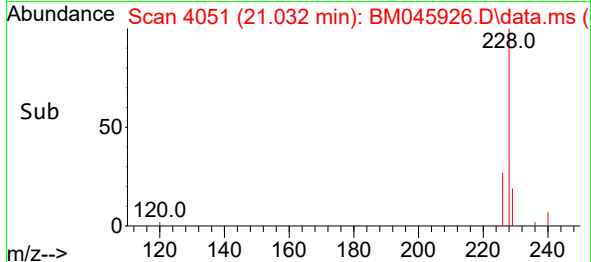
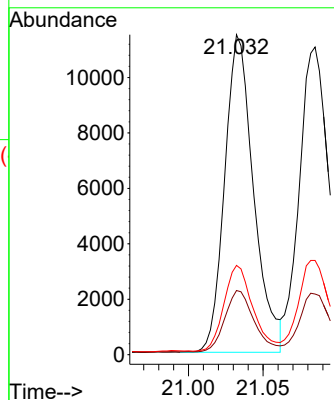
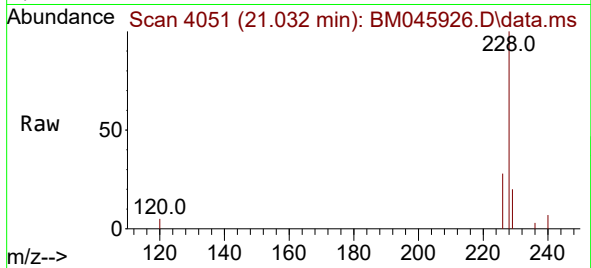




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

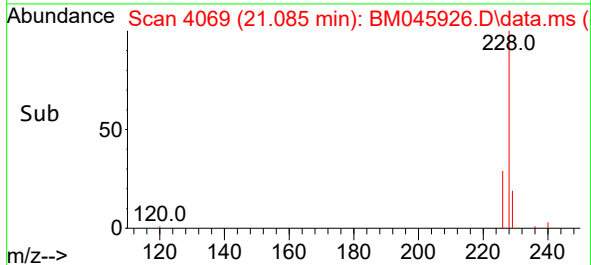
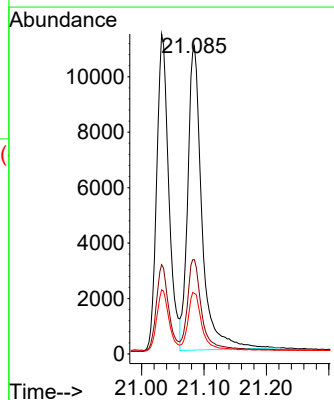
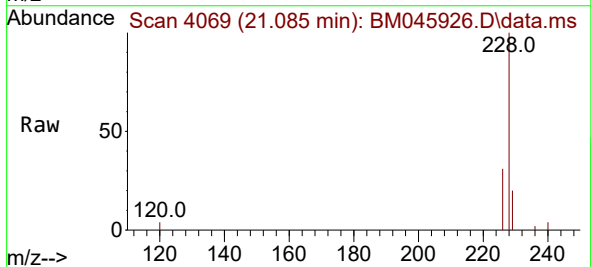
Instrument :
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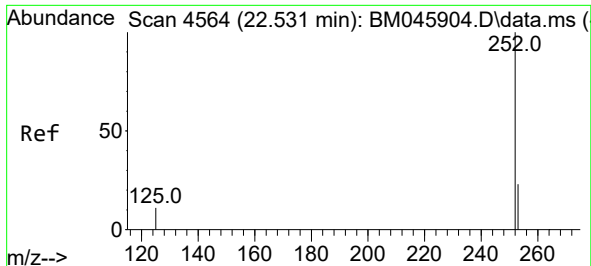
Tgt Ion:228 Resp: 15458
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:228 Resp: 17327
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.7 16.2 24.2

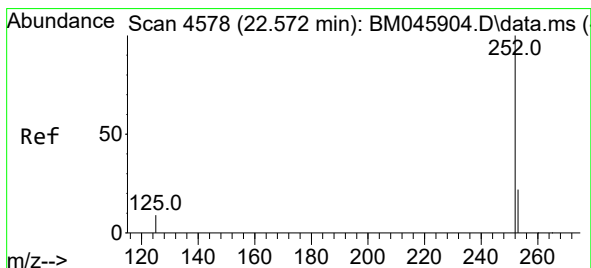
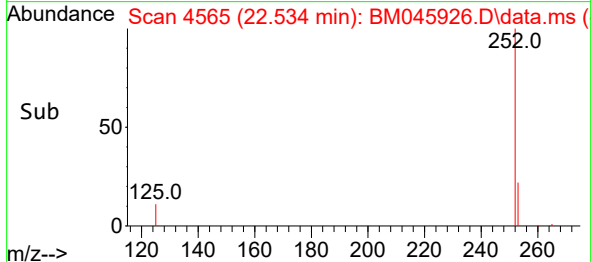
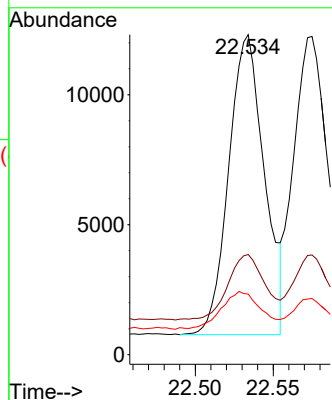
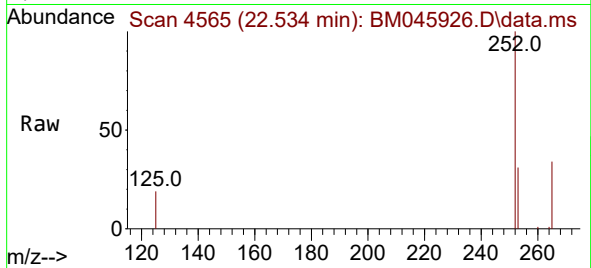




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.534 min Scan# 4564
Delta R.T. -0.003 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

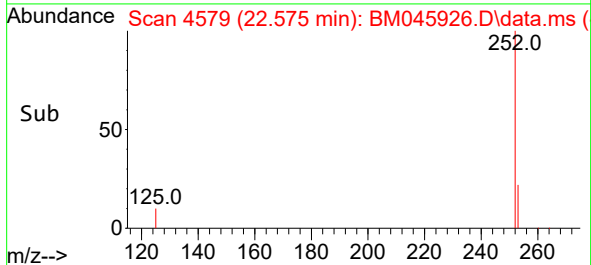
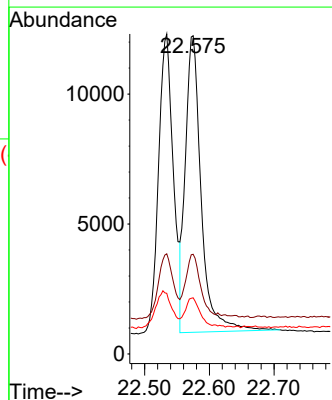
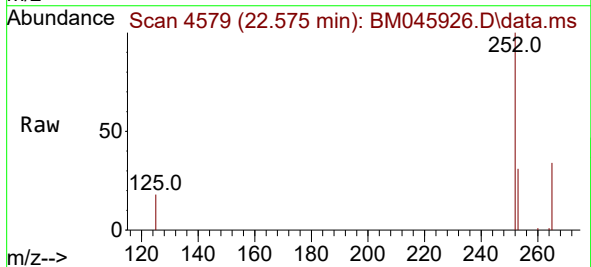
Instrument :
BNA_M
ClientSampleId :
SLCS252

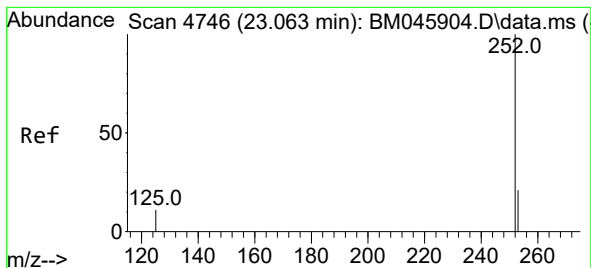
Tgt Ion:252 Resp: 18327
Ion Ratio Lower Upper
252 100
253 31.3 0.0 63.6
125 18.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:252 Resp: 19378
Ion Ratio Lower Upper
252 100
253 31.3 25.0 37.6
125 17.7 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 23.063 min Scan# 4746

Delta R.T. -0.009 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

Instrument :

BNA_M

ClientSampleId :

SLCS252

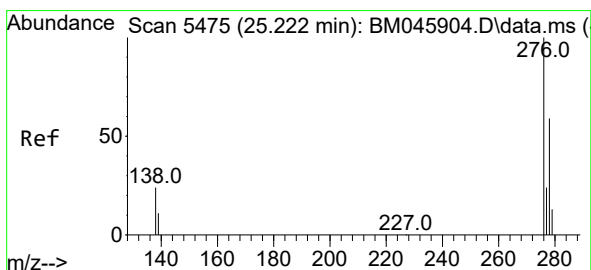
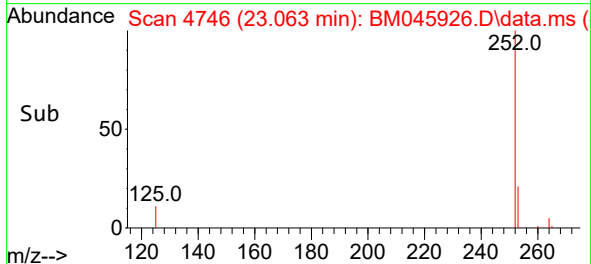
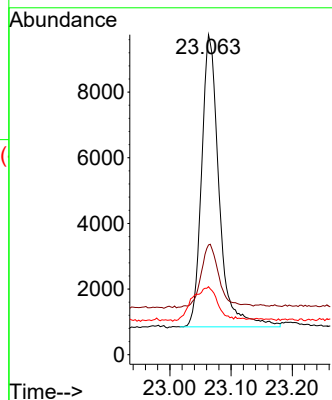
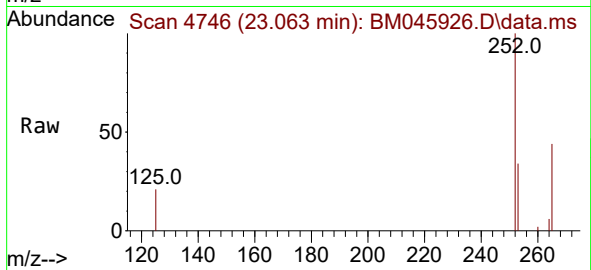
Tgt Ion:252 Resp: 17626

Ion Ratio Lower Upper

252 100

253 34.3 28.8 43.2

125 21.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.413 ng/ul

RT: 25.222 min Scan# 5475

Delta R.T. -0.010 min

Lab File: BM045926.D

Acq: 08 Jun 2024 21:06

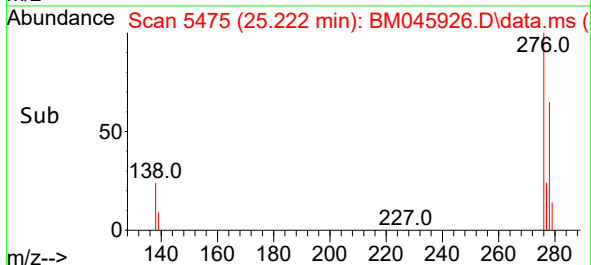
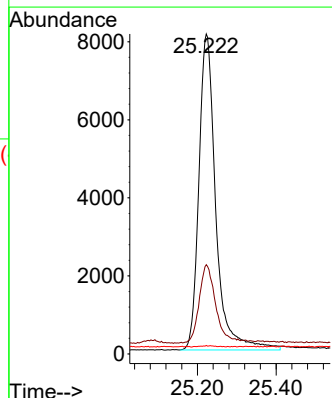
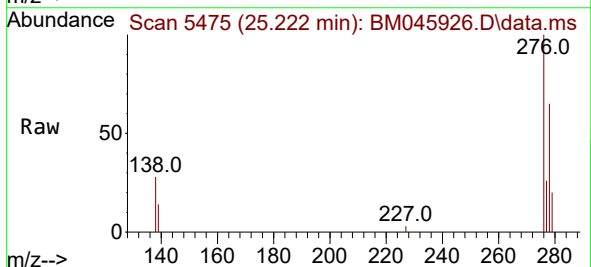
Tgt Ion:276 Resp: 24130

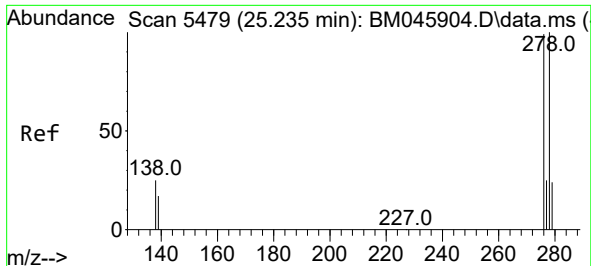
Ion Ratio Lower Upper

276 100

138 24.5 20.7 31.1

227 0.2 0.2 0.2

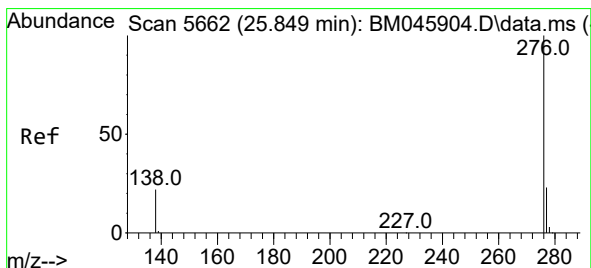
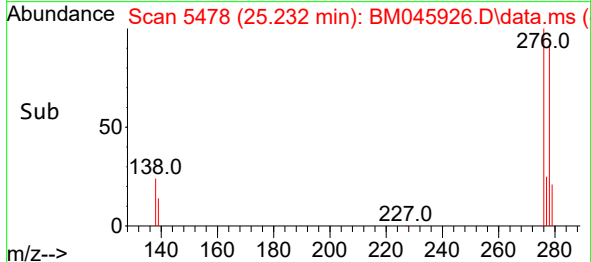
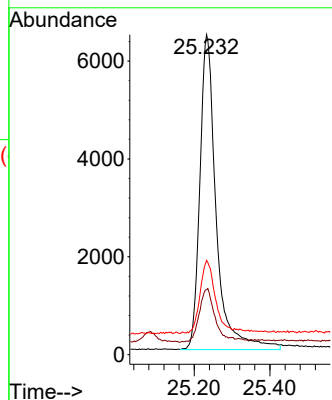
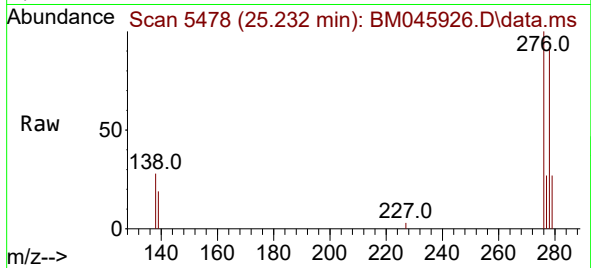




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.232 min Scan# 5479
Delta R.T. -0.016 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:278 Resp: 19259
Ion Ratio Lower Upper
278 100
139 20.3 16.6 25.0
279 29.5 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045926.D
Acq: 08 Jun 2024 21:06

Tgt Ion:276 Resp: 20991
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.4
277 25.6 20.5 30.7

