

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045903.D
 Acq On : 08 Jun 2024 05:03
 Operator : MA/JU
 Sample : PB161361BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS361

Quant Time: Jun 08 05:34:07 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)

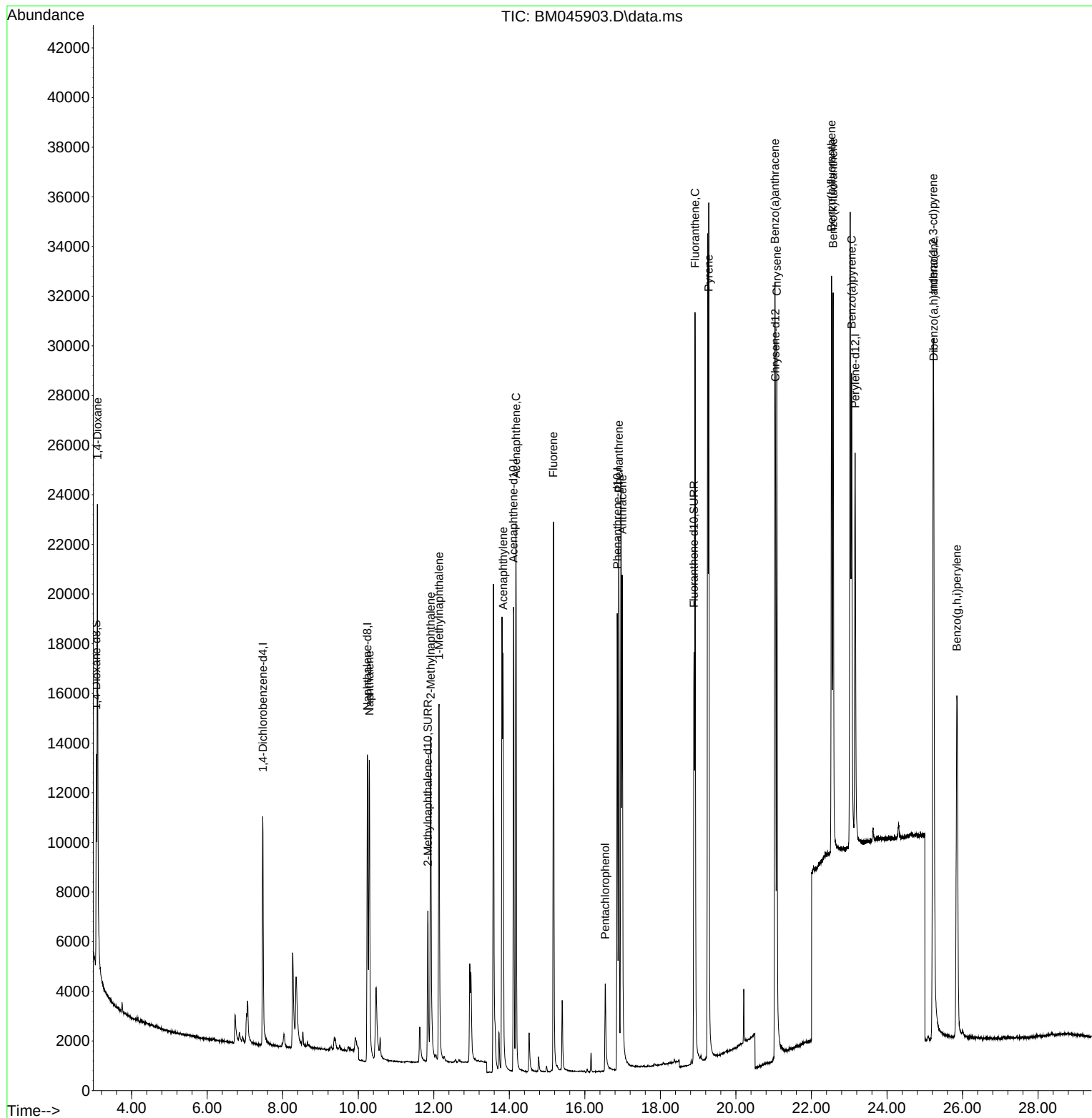
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5586	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	18995	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10861	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	22311	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	17950	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	20945	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5076	0.798	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.842	152	9873	0.361	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	20232	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	11734	1.612	ng/ul#	61
5) Naphthalene	10.292	128	18467	0.372	ng/ul	99
7) 2-Methylnaphthalene	11.919	142	11874	0.375	ng/ul	98
8) 1-Methylnaphthalene	12.139	142	11698	0.340	ng/ul	99
10) Acenaphthylene	13.835	152	19229	0.389	ng/ul	99
11) Acenaphthene	14.177	153	13444	0.370	ng/ul	99
12) Fluorene	15.167	166	15119	0.373	ng/ul	100
14) Pentachlorophenol	16.540	266	3503	0.840	ng/ul	98
15) Phenanthrene	16.899	178	23178	0.370	ng/ul	100
16) Anthracene	16.992	178	21148	0.396	ng/ul	99
19) Fluoranthene	18.917	202	27389	0.383	ng/ul	100
20) Pyrene	19.280	202	28765	0.385	ng/ul	99
21) Benzo(a)anthracene	21.032	228	26168	0.397	ng/ul	99
22) Chrysene	21.085	228	27172	0.379	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	27377	0.394	ng/ul	98
25) Benzo(k)fluoranthene	22.575	252	28592	0.375	ng/ul	98
26) Benzo(a)pyrene	23.066	252	26222	0.380	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.226	276	33269	0.372	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.236	278	26686	0.374	ng/ul	98
29) Benzo(g,h,i)perylene	25.850	276	28048	0.364	ng/ul	99

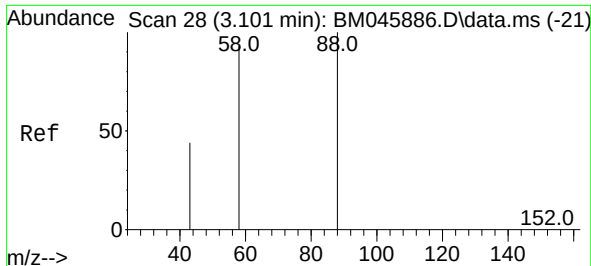
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

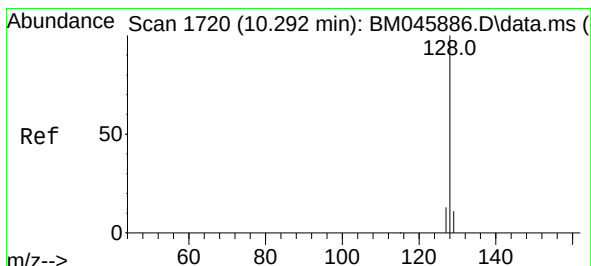
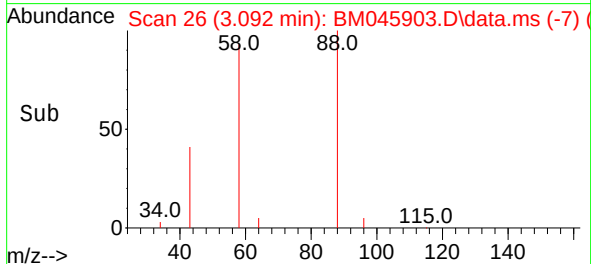
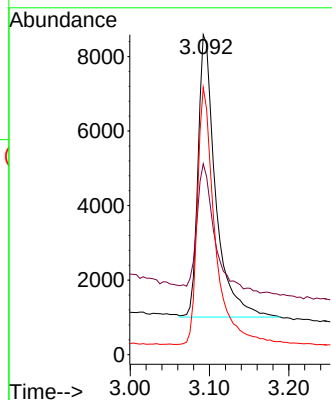
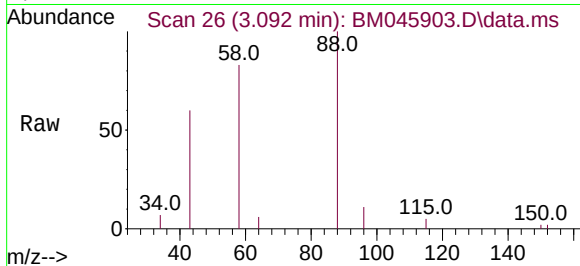




#2
1,4-Dioxane
Concen: 1.612 ng/ul
RT: 3.092 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

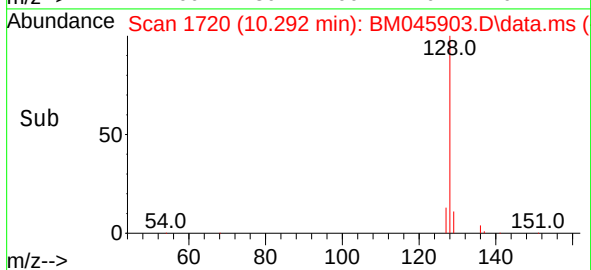
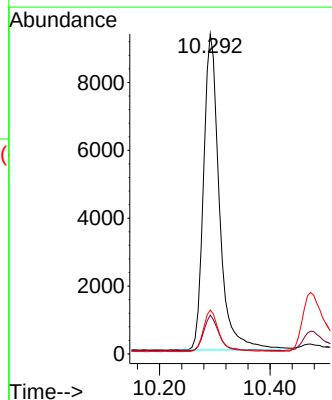
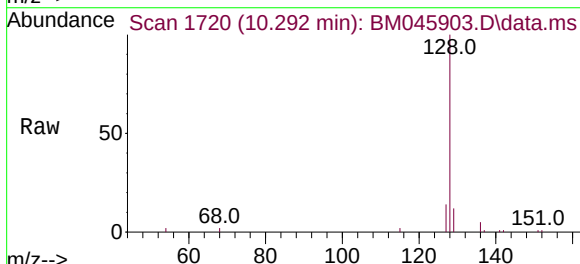
Instrument :
BNA_M
ClientSampleId :
SLCS361

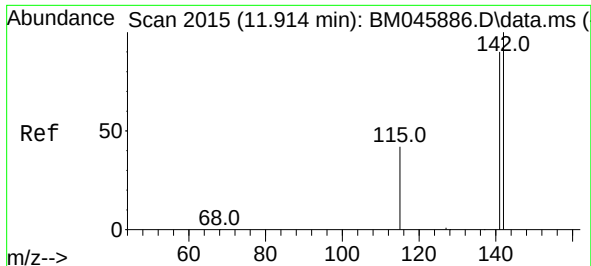
Tgt Ion: 88 Resp: 11734
Ion Ratio Lower Upper
88 100
43 59.6 87.4 131.2#
58 83.5 51.1 76.7#



#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion: 128 Resp: 18467
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 13.7 10.6 15.8

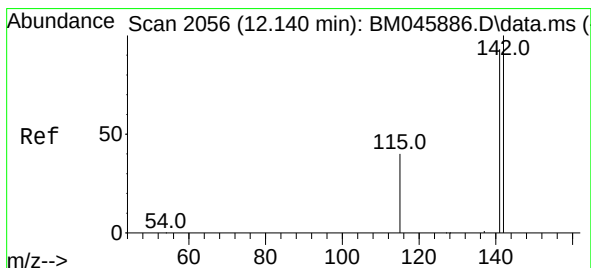
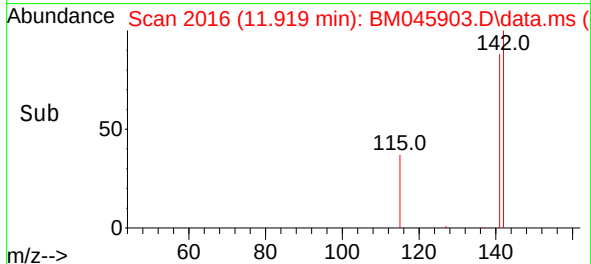
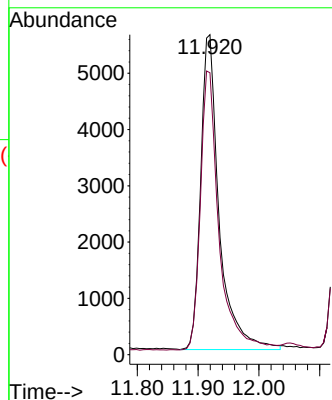
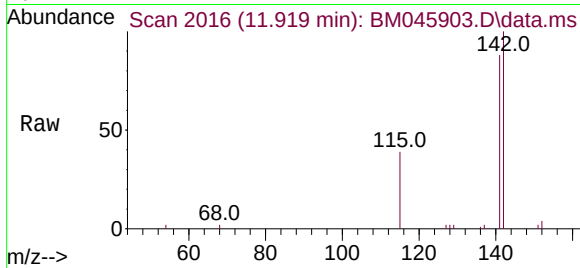




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 11.919 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

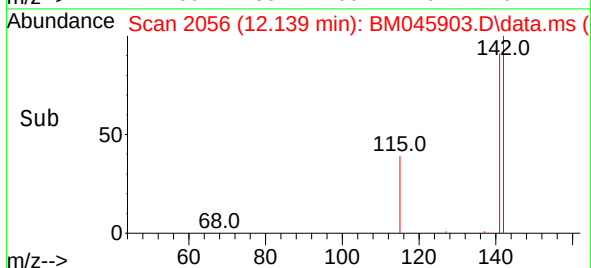
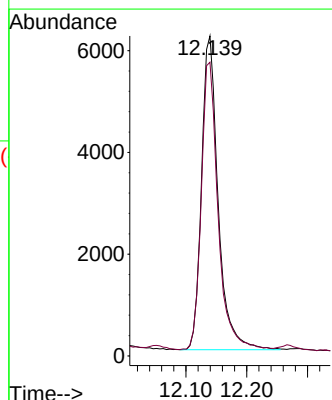
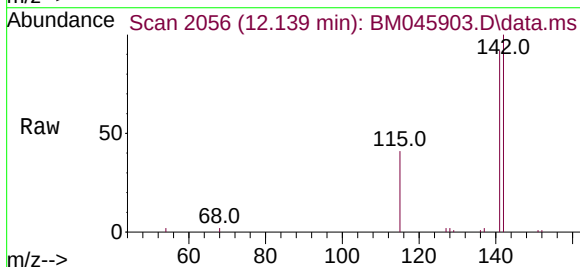
Instrument :
BNA_M
ClientSampleId :
SLCS361

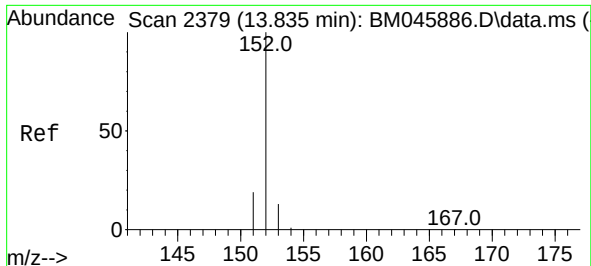
Tgt Ion:142 Resp: 11874
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.139 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:142 Resp: 11698
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3

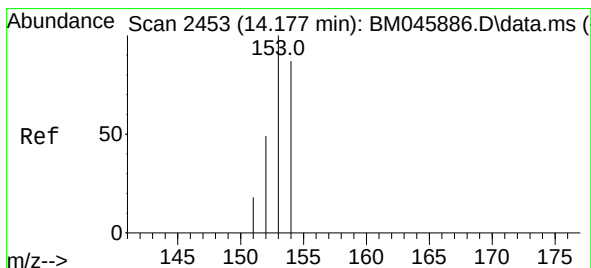
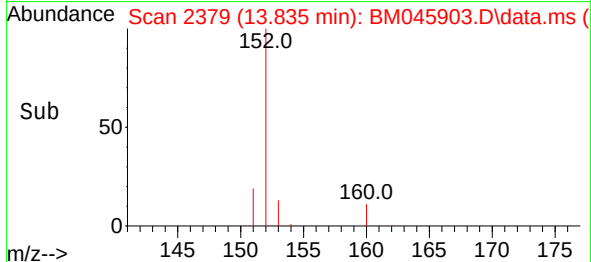
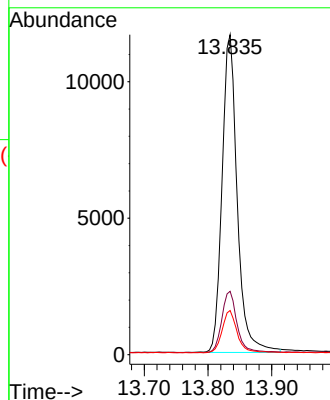
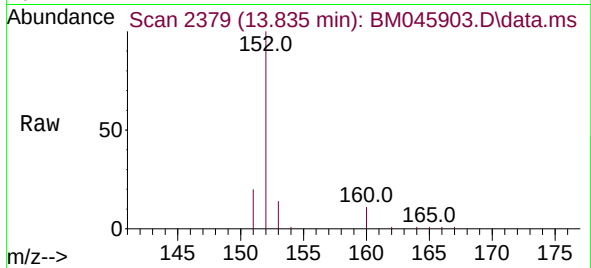




#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 13.835 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

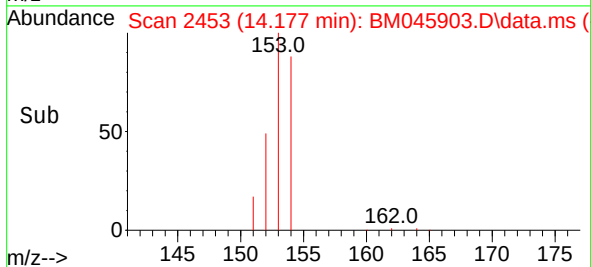
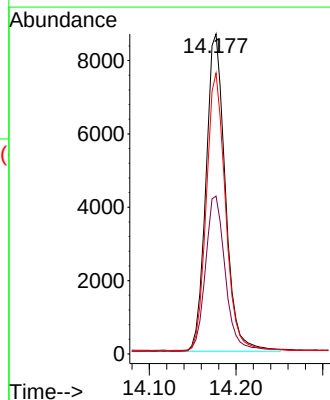
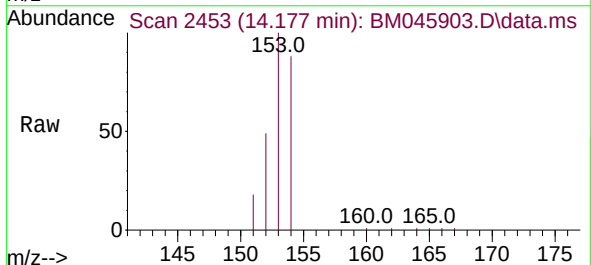
Instrument :
BNA_M
ClientSampleId :
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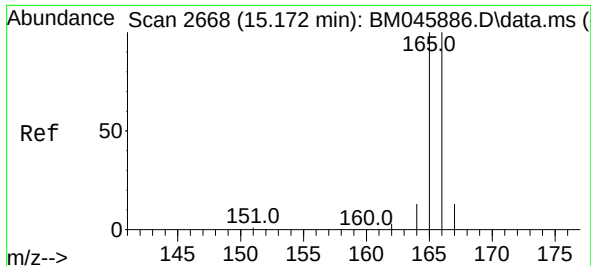
Tgt Ion:152 Resp: 19229
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:153 Resp: 13444
Ion Ratio Lower Upper
153 100
152 49.4 39.0 58.4
154 87.8 69.4 104.2

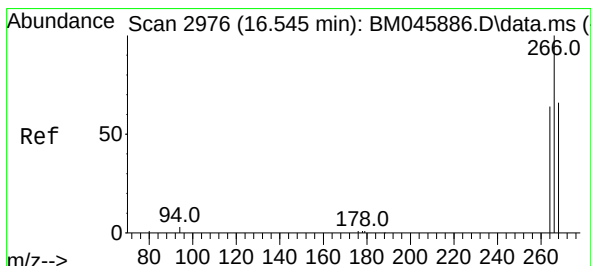
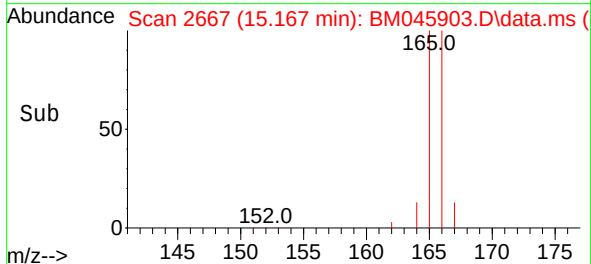
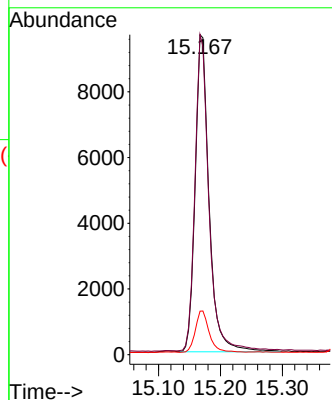
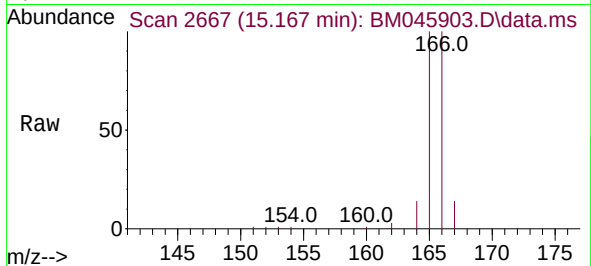




#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.167 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

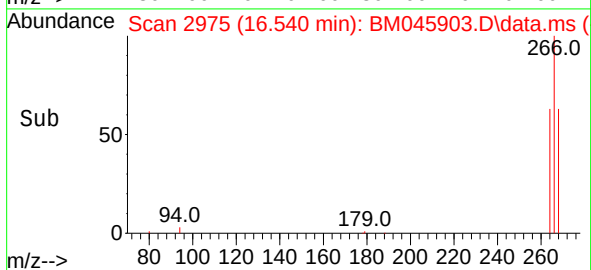
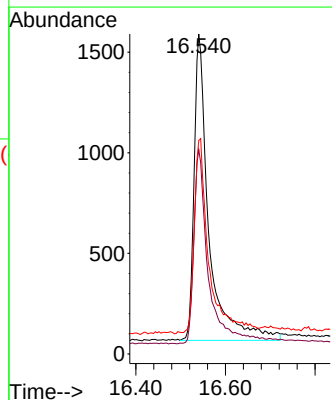
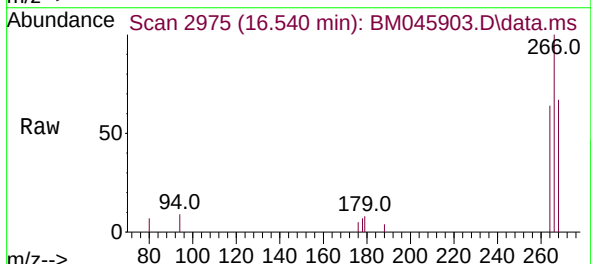
Instrument :
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ClientSampleId :
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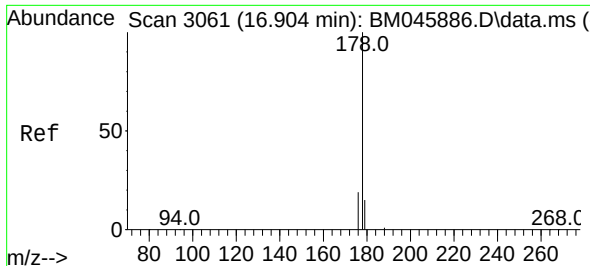
Tgt Ion:166 Resp: 15119
Ion Ratio Lower Upper
166 100
165 100.0 79.7 119.5
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.840 ng/ul
RT: 16.540 min Scan# 2975
Delta R.T. -0.013 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:266 Resp: 3503
Ion Ratio Lower Upper
266 100
264 63.2 47.9 71.9
268 63.3 50.9 76.3

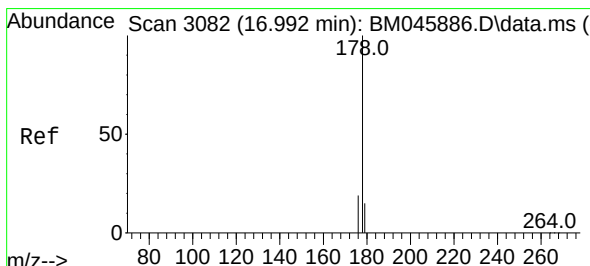
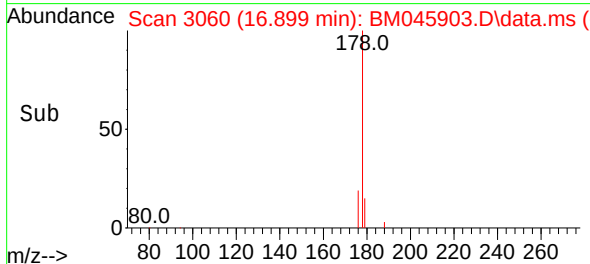
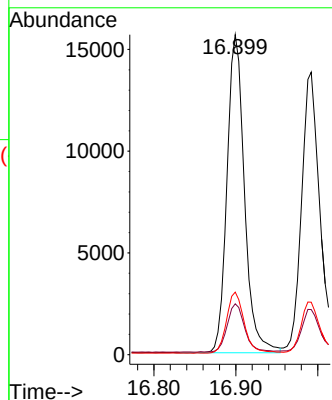
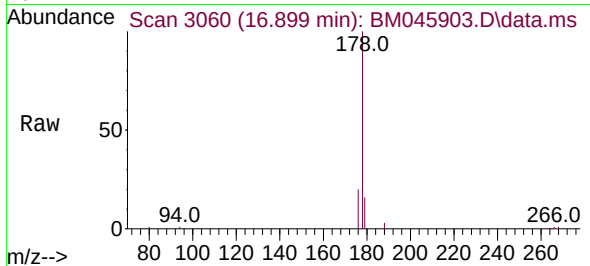




#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 16.899 min Scan# 3060
Delta R.T. -0.004 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

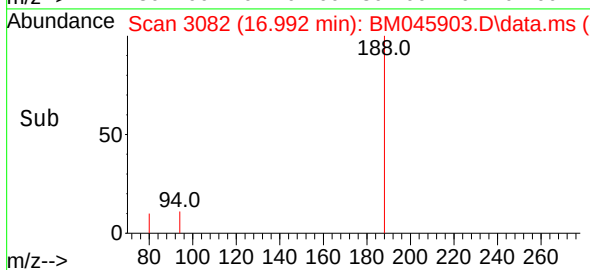
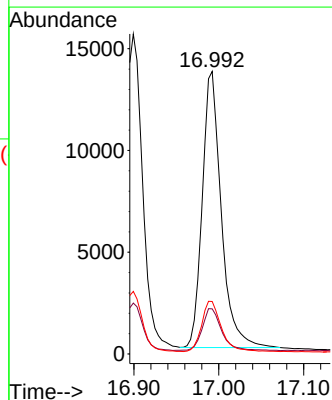
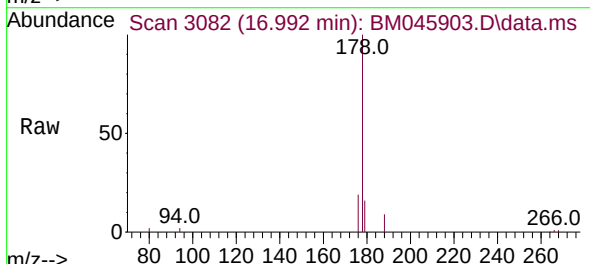
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ClientSampleId :
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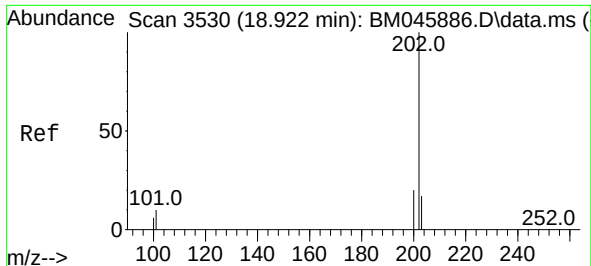
Tgt Ion:178 Resp: 23178
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.396 ng/ul
RT: 16.992 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:178 Resp: 21148
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 18.6 15.5 23.3





#19

Fluoranthene

Concen: 0.383 ng/ul

RT: 18.917 min Scan# 3529

Delta R.T. -0.005 min

Lab File: BM045903.D

Acq: 08 Jun 2024 05:03

Instrument :

BNA_M

ClientSampleId :

SLCS361

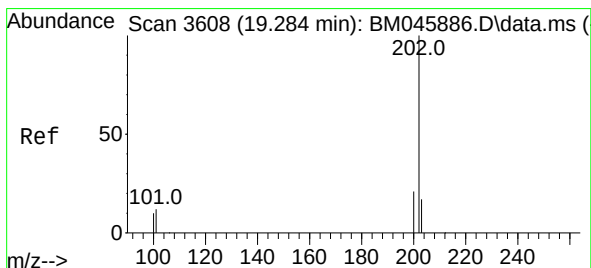
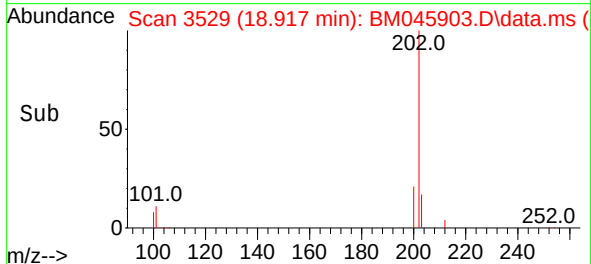
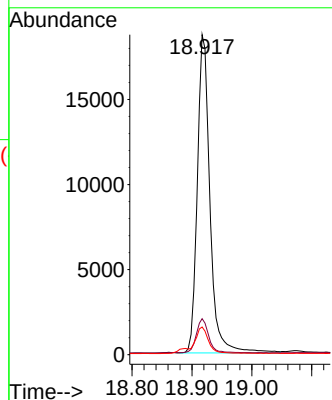
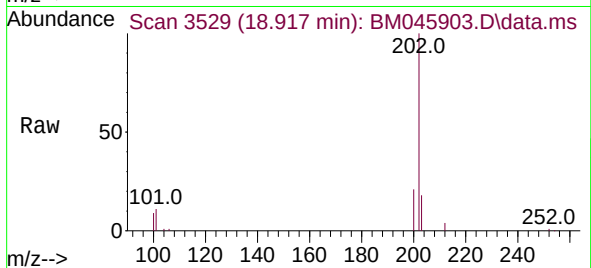
Tgt Ion:202 Resp: 27389

Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.6

100 8.6 7.0 10.6



#20

Pyrene

Concen: 0.385 ng/ul

RT: 19.280 min Scan# 3607

Delta R.T. -0.005 min

Lab File: BM045903.D

Acq: 08 Jun 2024 05:03

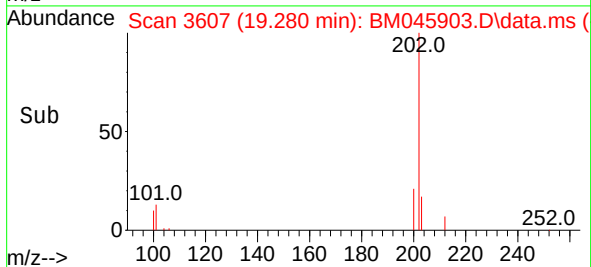
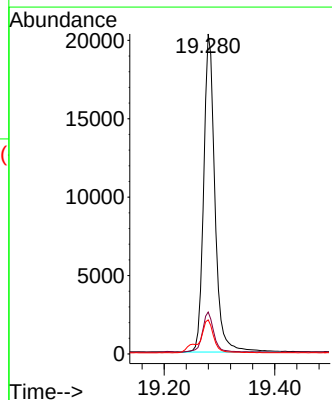
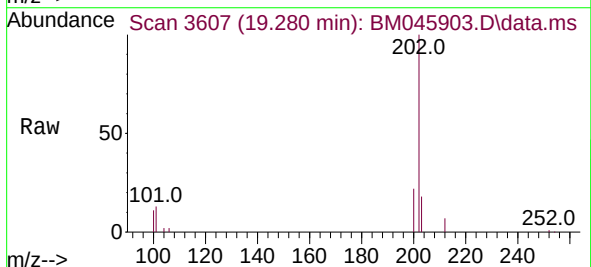
Tgt Ion:202 Resp: 28765

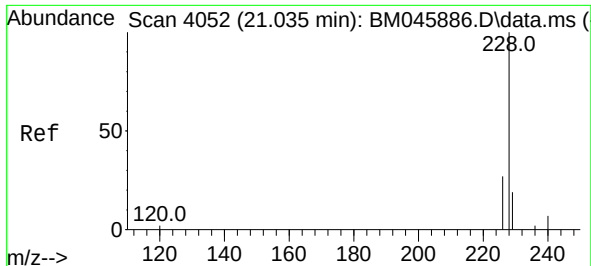
Ion Ratio Lower Upper

202 100

101 13.1 10.6 16.0

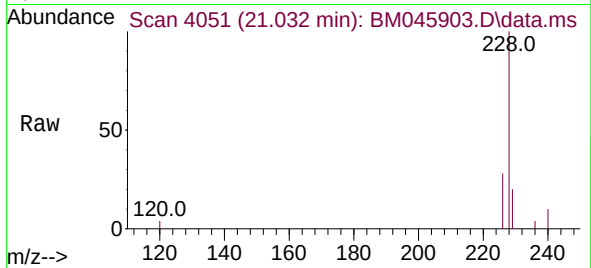
100 10.6 9.1 13.7



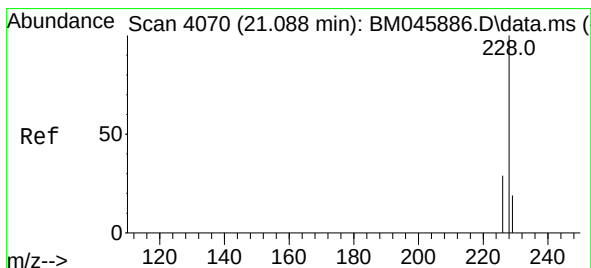
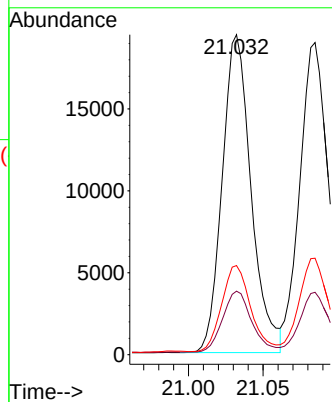
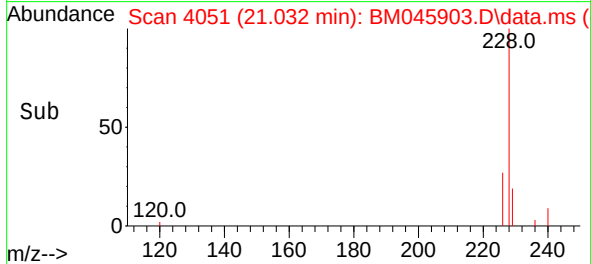


#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Instrument :
BNA_M
ClientSampleId :
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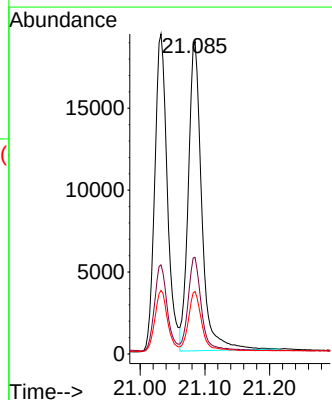
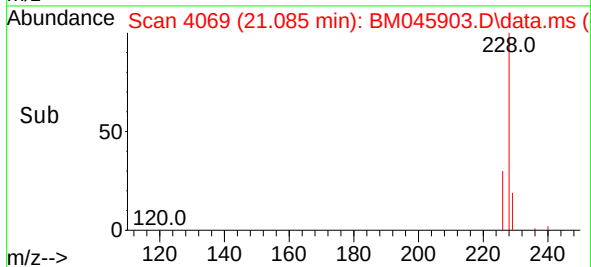
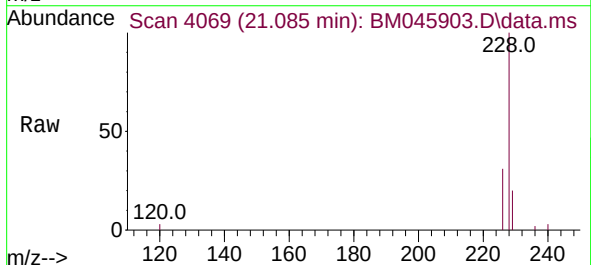


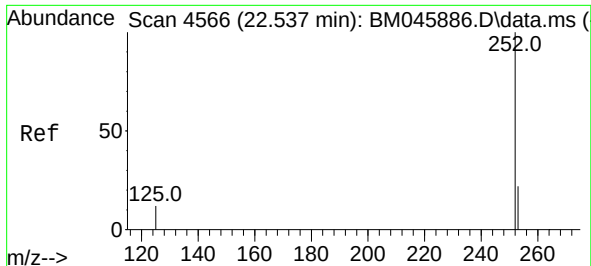
Tgt Ion:228 Resp: 26168
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:228 Resp: 27172
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 20.0 16.2 24.2

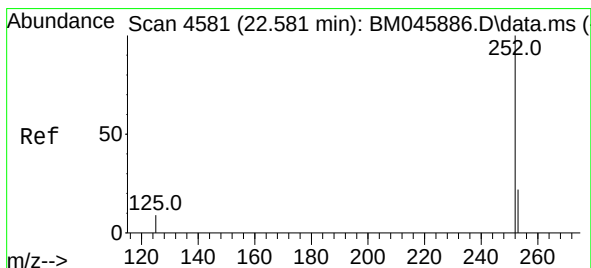
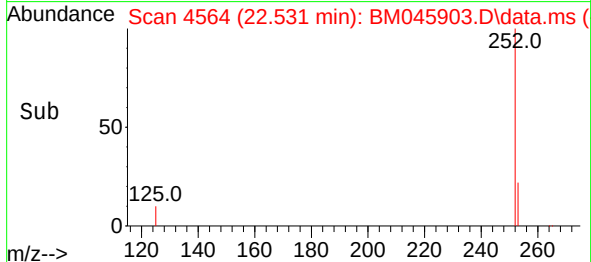
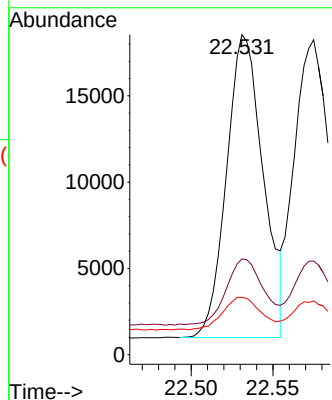
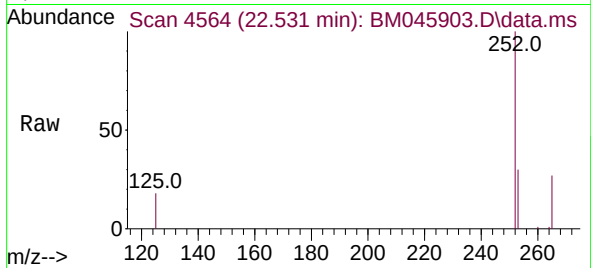




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

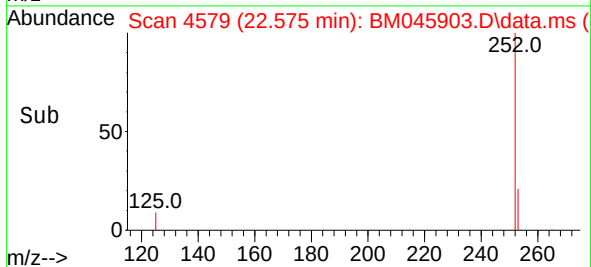
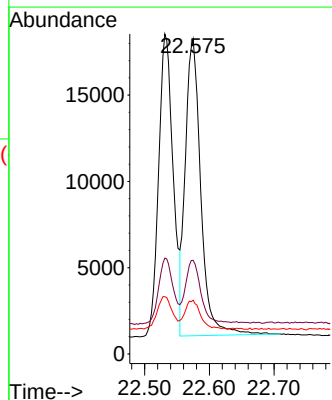
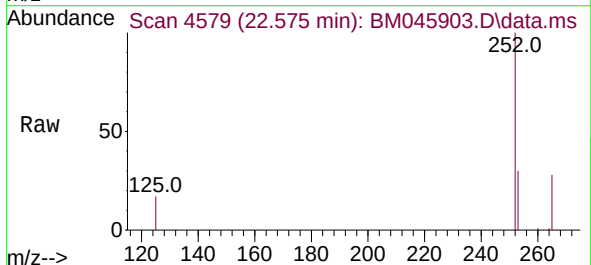
Instrument :
BNA_M
ClientSampleId :
SLCS361

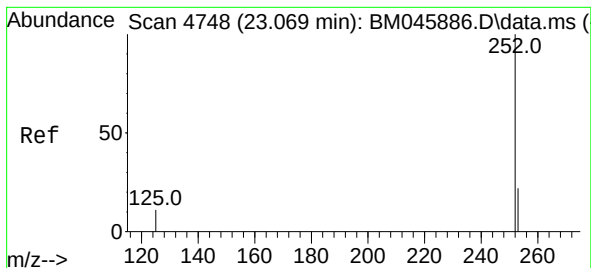
Tgt Ion:252 Resp: 27377
Ion Ratio Lower Upper
252 100
253 30.0 0.0 63.6
125 17.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:252 Resp: 28592
Ion Ratio Lower Upper
252 100
253 29.7 25.0 37.6
125 17.1 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.066 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM045903.D

Acq: 08 Jun 2024 05:03

Instrument :

BNA_M

ClientSampleId :

SLCS361

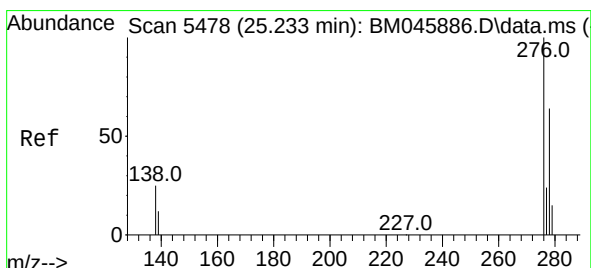
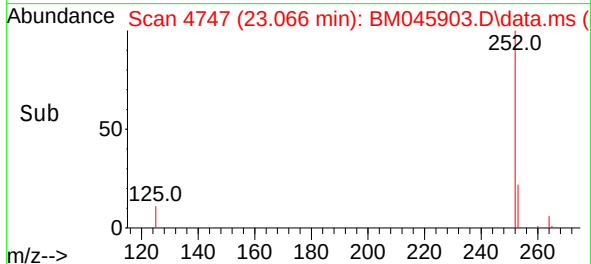
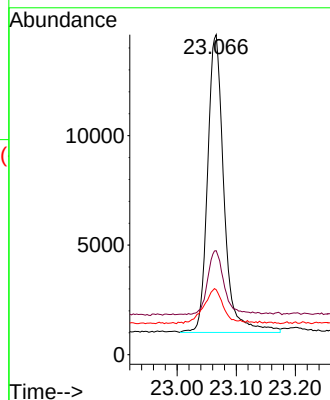
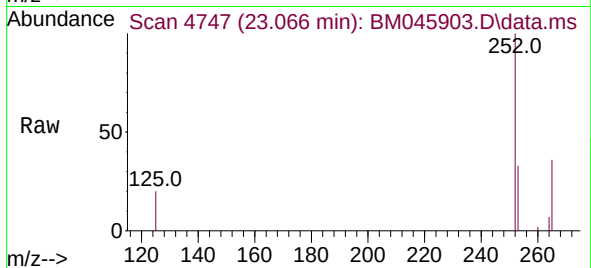
Tgt Ion:252 Resp: 26222

Ion Ratio Lower Upper

252 100

253 32.5 28.8 43.2

125 20.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng/ul

RT: 25.226 min Scan# 5476

Delta R.T. -0.006 min

Lab File: BM045903.D

Acq: 08 Jun 2024 05:03

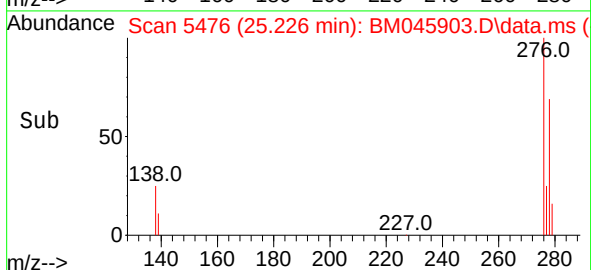
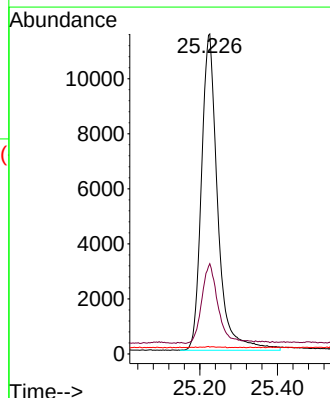
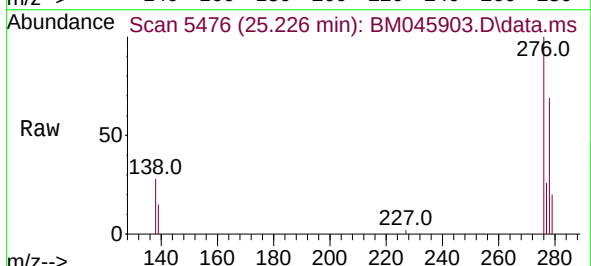
Tgt Ion:276 Resp: 33269

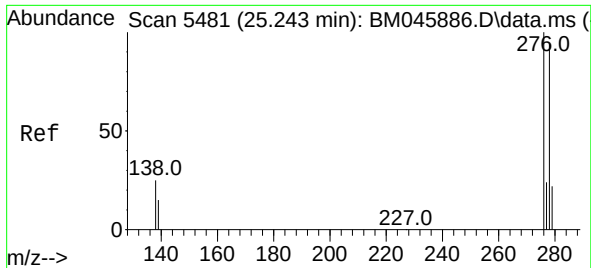
Ion Ratio Lower Upper

276 100

138 25.3 20.7 31.1

227 0.1 0.2 0.2#

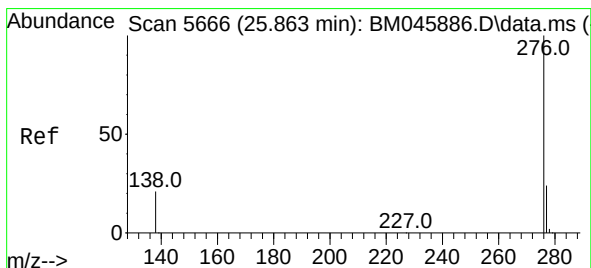
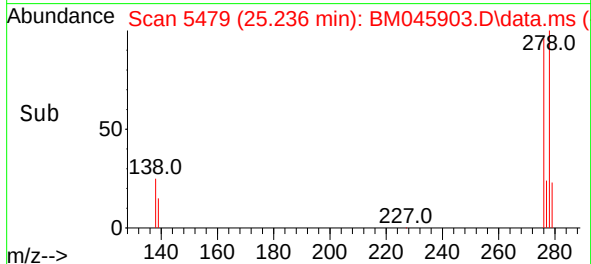
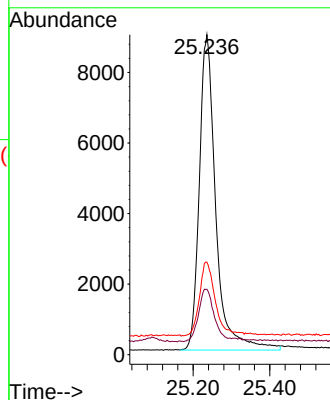
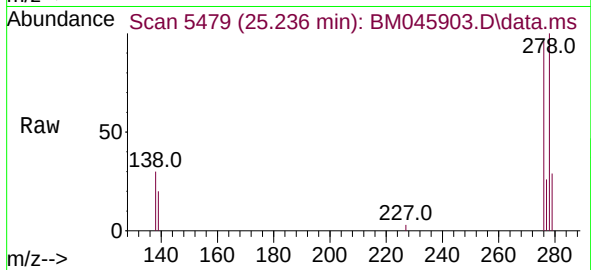




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.236 min Scan# 5481
Delta R.T. -0.013 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Instrument :
BNA_M
ClientSampleId :
SLCS361

Tgt Ion:278 Resp: 26686
Ion Ratio Lower Upper
278 100
139 20.4 16.6 25.0
279 28.9 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 25.850 min Scan# 5662
Delta R.T. -0.013 min
Lab File: BM045903.D
Acq: 08 Jun 2024 05:03

Tgt Ion:276 Resp: 28048
Ion Ratio Lower Upper
276 100
138 25.9 21.0 31.4
277 24.9 20.5 30.7

