

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046253.D
 Acq On : 24 Jun 2024 15:04
 Operator : MA/JU
 Sample : PB161463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS463

Quant Time: Jun 24 15:54:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

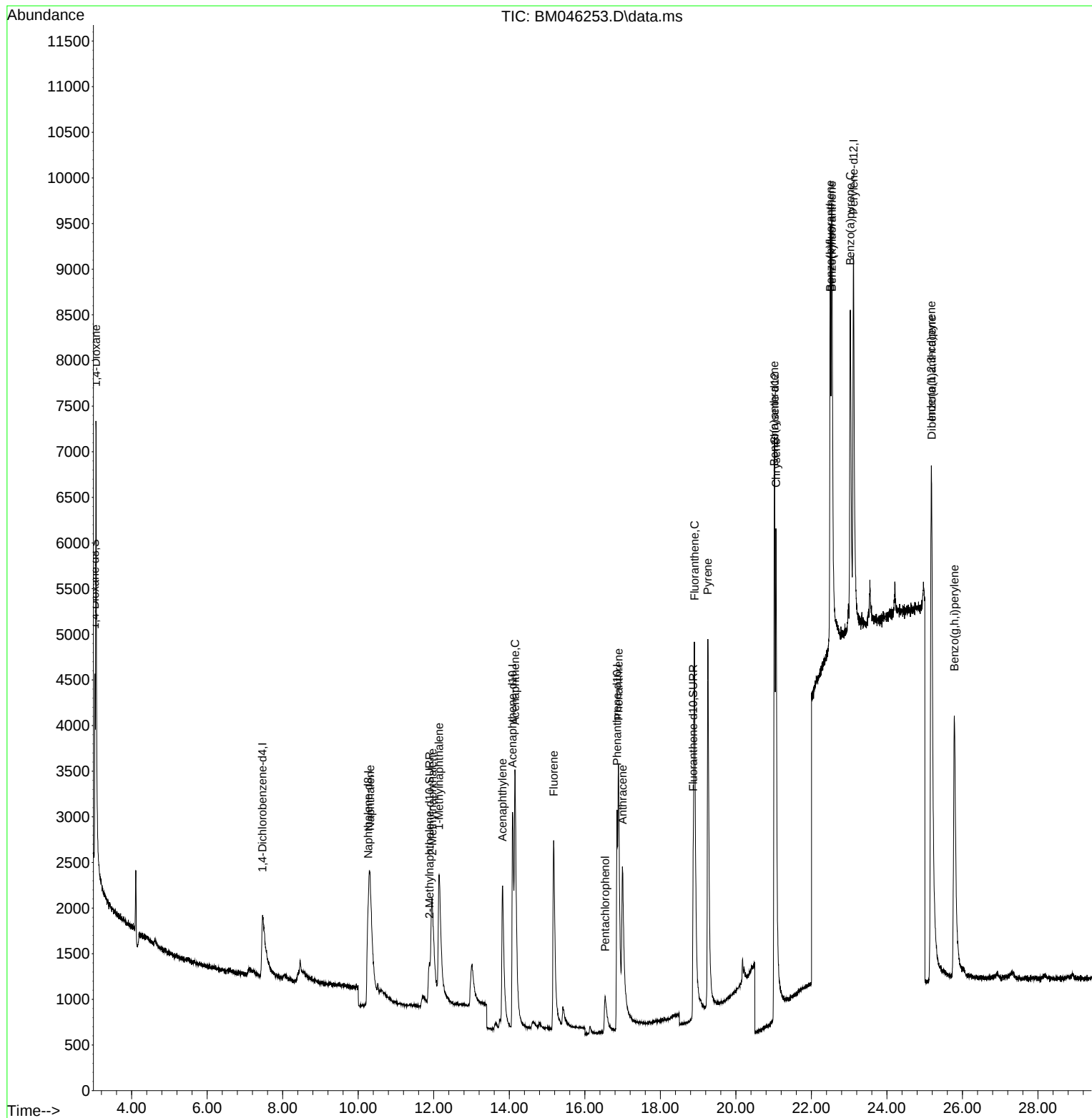
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	1567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	5300	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.086	164	3358	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.854	188	6123	0.400	ng/ul	0.00
17) Chrysene-d12	21.029	240	5196	0.400	ng/ul	-0.02
23) Perylene-d12	23.115	264	7131	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1278	0.594	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.888	152	2137	0.300	ng/ul	0.02
18) Fluoranthene-d10	18.872	212	4442	0.285	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.059	88	3364	1.395	ng/ul	85
5) Naphthalene	10.315	128	4286	0.290	ng/ul#	89
7) 2-Methylnaphthalene	11.959	142	2294	0.276	ng/ul	94
8) 1-Methylnaphthalene	12.141	142	2812	0.308	ng/ul	99
10) Acenaphthylene	13.822	152	4619	0.290	ng/ul#	92
11) Acenaphthene	14.150	153	3336	0.290	ng/ul	97
12) Fluorene	15.178	166	3440	0.279	ng/ul	97
14) Pentachlorophenol	16.538	266	951	0.518	ng/ul	93
15) Phenanthrene	16.892	178	4850	0.282	ng/ul	96
16) Anthracene	16.998	178	3227	0.252	ng/ul	95
19) Fluoranthene	18.905	202	6838	0.304	ng/ul	95
20) Pyrene	19.258	202	7197	0.296	ng/ul	99
21) Benzo(a)anthracene	21.014	228	5504	0.274	ng/ul	96
22) Chrysene	21.064	228	7638	0.298	ng/ul	96
24) Benzo(b)fluoranthene	22.501	252	6784	0.264	ng/ul	87
25) Benzo(k)fluoranthene	22.539	252	8995	0.294	ng/ul#	90
26) Benzo(a)pyrene	23.031	252	7490	0.315	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.175	276	9975	0.256	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.185	278	7629	0.263	ng/ul#	90
29) Benzo(g,h,i)perylene	25.786	276	8430	0.252	ng/ul	94

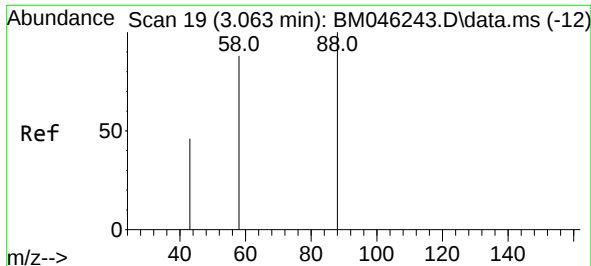
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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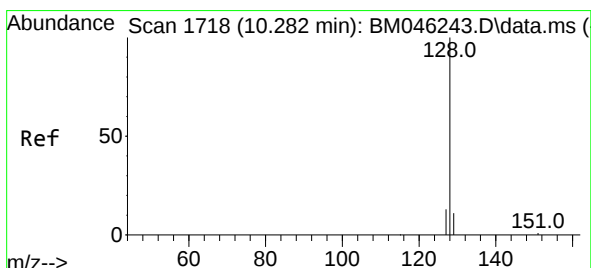
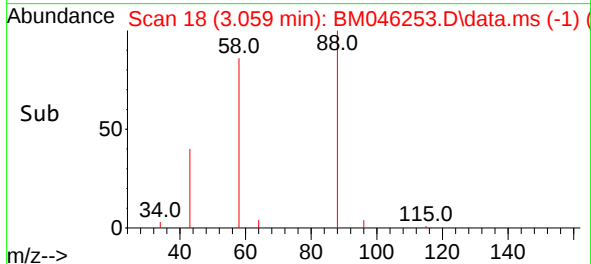
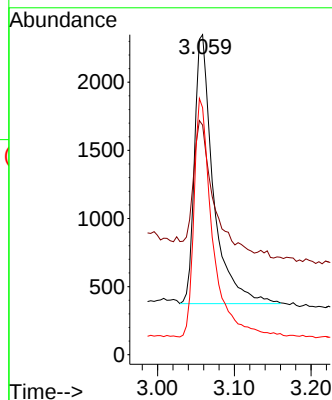
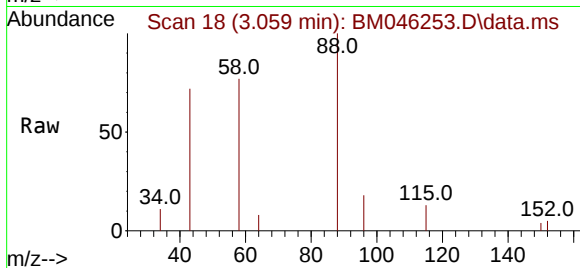




#2
1,4-Dioxane
Concen: 1.395 ng/ul
RT: 3.059 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

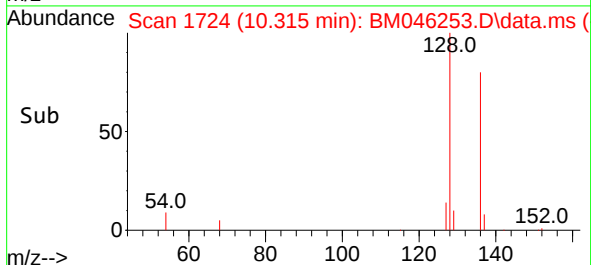
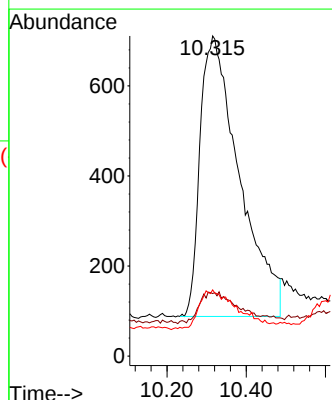
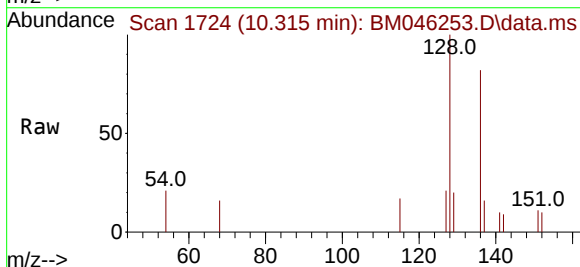
Instrument :
BNA_M
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SLCS463

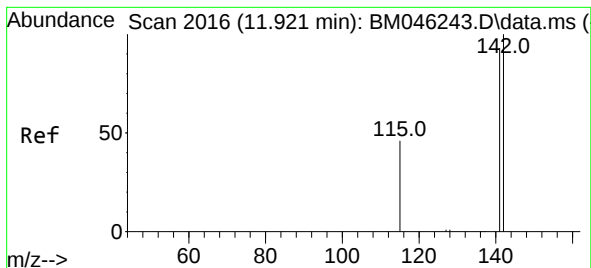
Tgt Ion: 88 Resp: 3364
Ion Ratio Lower Upper
88 100
43 71.7 69.8 104.8
58 77.2 53.2 79.8



#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

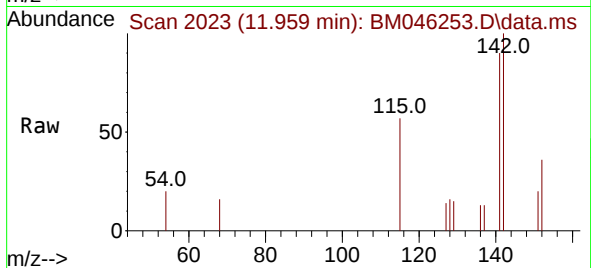
Tgt Ion: 128 Resp: 4286
Ion Ratio Lower Upper
128 100
129 19.5 11.8 17.6#
127 20.7 12.8 19.2#



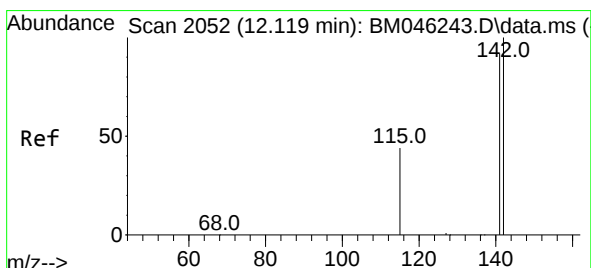
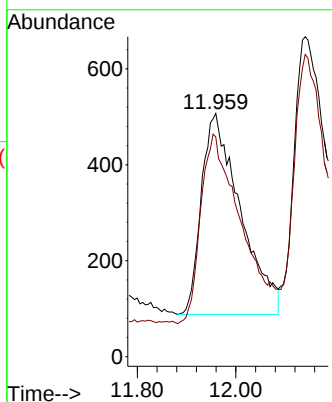
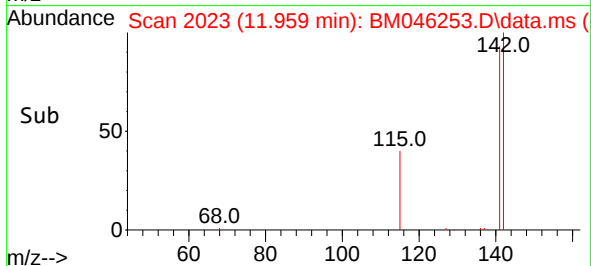


#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 11.959 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

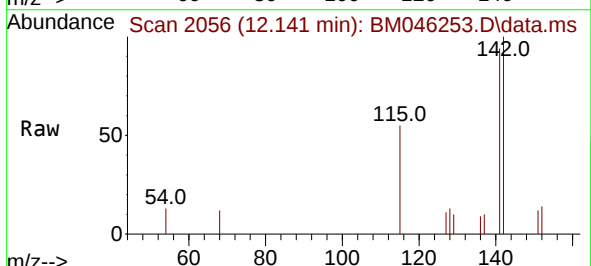
Instrument :
BNA_M
ClientSampleId :
SLCS463



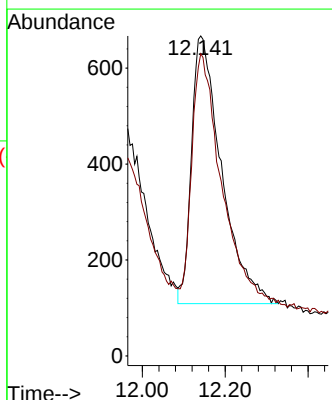
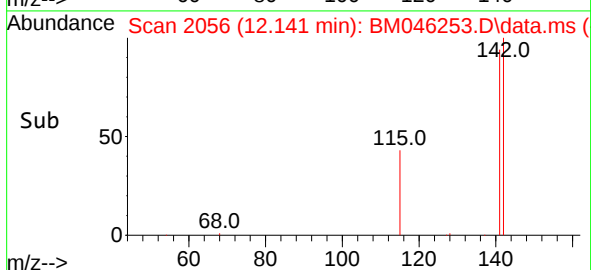
Tgt Ion:142 Resp: 2294
Ion Ratio Lower Upper
142 100
141 98.8 74.6 111.8

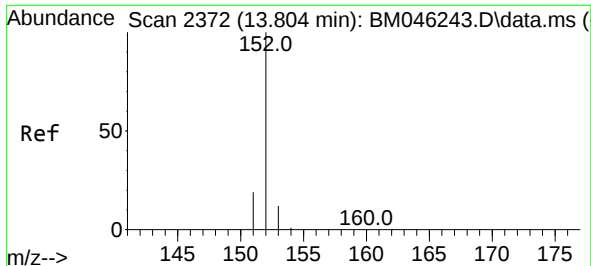


#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04



Tgt Ion:142 Resp: 2812
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8

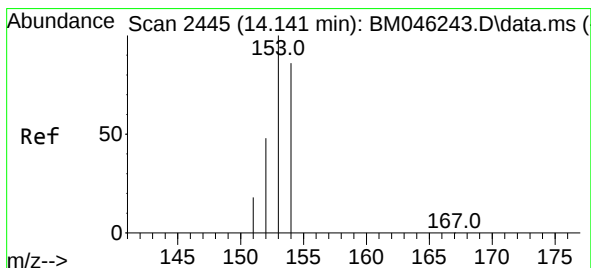
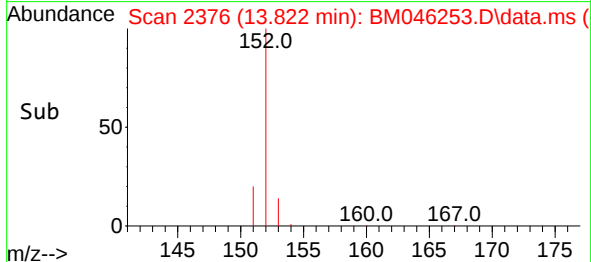
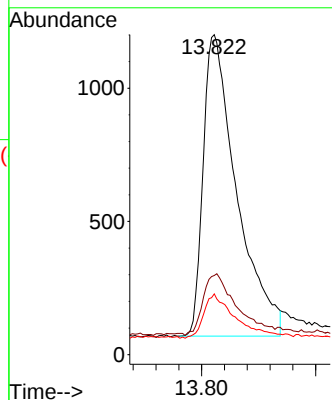
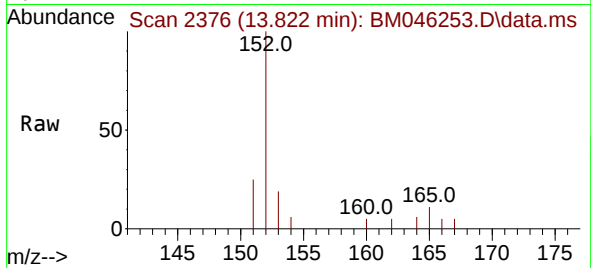




#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

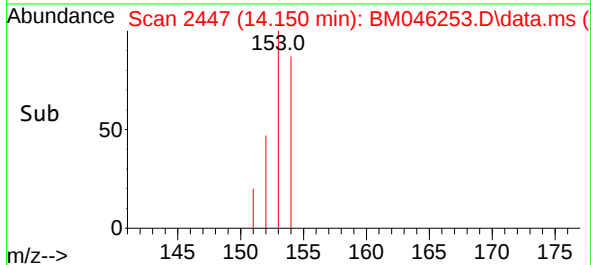
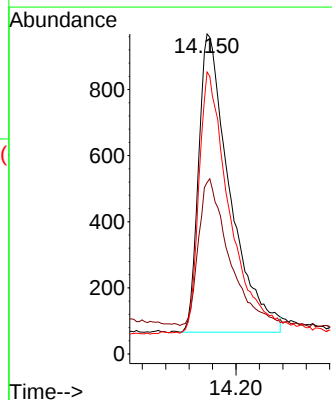
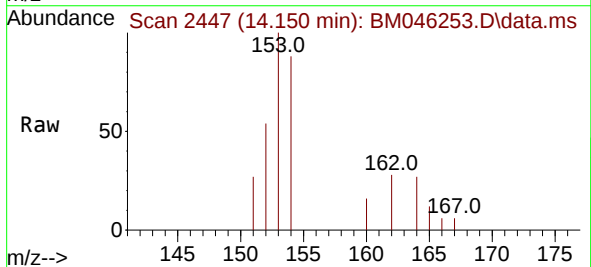
Instrument :
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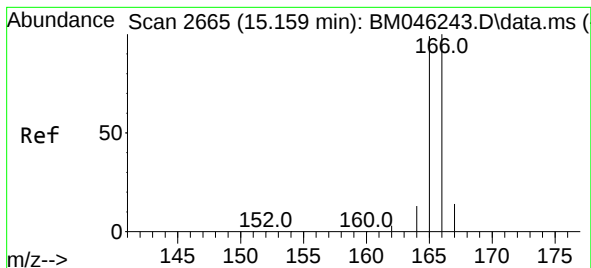
Tgt Ion:152 Resp: 4619
Ion Ratio Lower Upper
152 100
151 24.7 17.4 26.2
153 19.0 11.8 17.8#



#11
Acenaphthene
Concen: 0.290 ng/ul
RT: 14.150 min Scan# 2447
Delta R.T. -0.022 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Tgt Ion:153 Resp: 3336
Ion Ratio Lower Upper
153 100
152 53.6 41.3 61.9
154 88.1 68.2 102.4





#12

Fluorene

Concen: 0.279 ng/ul

RT: 15.178 min Scan# 2

Delta R.T. -0.003 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

Instrument :

BNA_M

ClientSampleId :

SLCS463

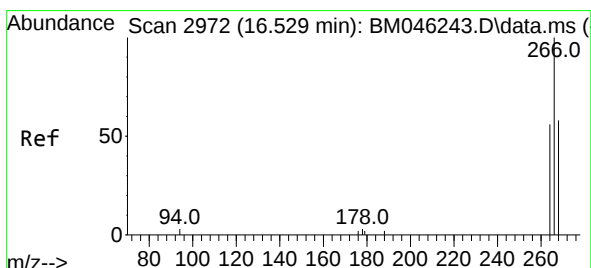
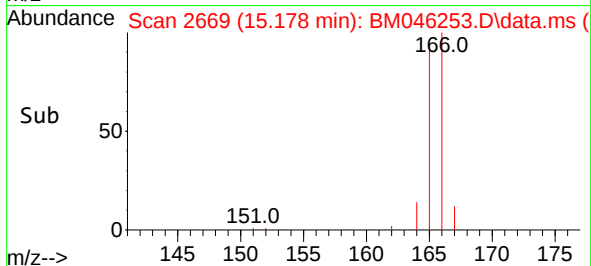
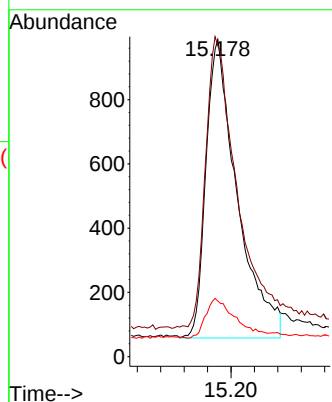
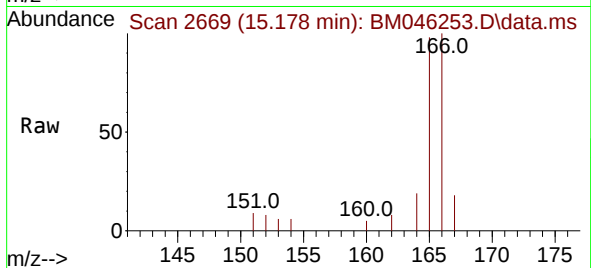
Tgt Ion:166 Resp: 3440

Ion Ratio Lower Upper

166 100

165 98.0 80.4 120.6

167 17.5 12.4 18.6



#14

Pentachlorophenol

Concen: 0.518 ng/ul

RT: 16.538 min Scan# 2974

Delta R.T. -0.028 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

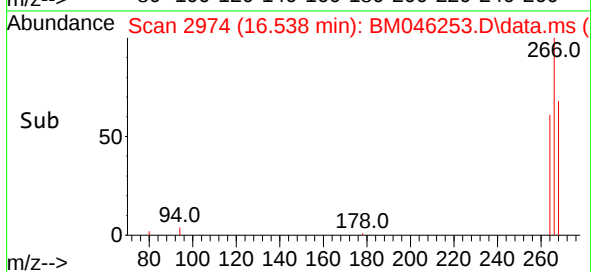
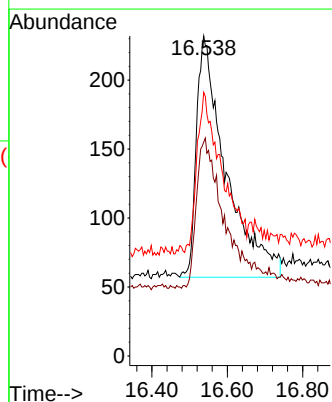
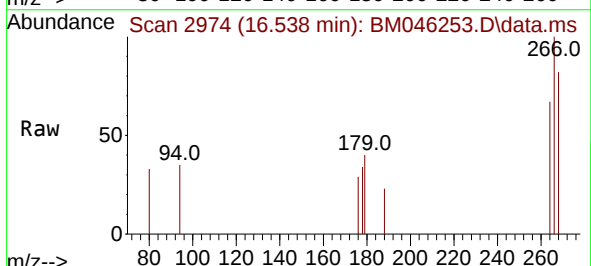
Tgt Ion:266 Resp: 951

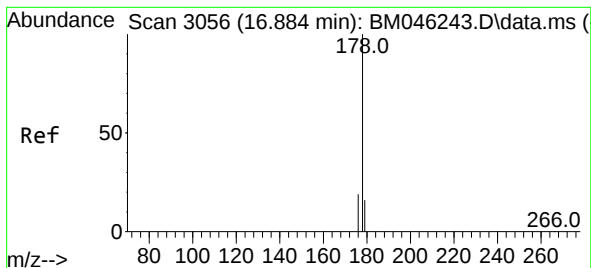
Ion Ratio Lower Upper

266 100

264 62.1 50.9 76.3

268 55.9 52.3 78.5





#15

Phenanthrene

Concen: 0.282 ng/ul

RT: 16.892 min Scan# 3058

Delta R.T. -0.011 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

Instrument :

BNA_M

ClientSampleId :

SLCS463

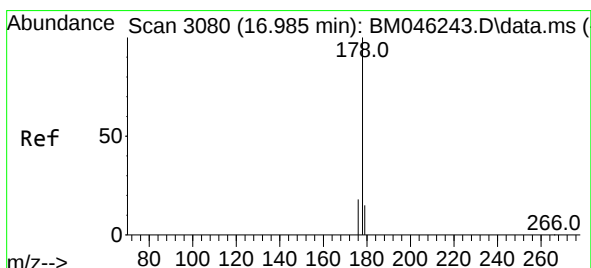
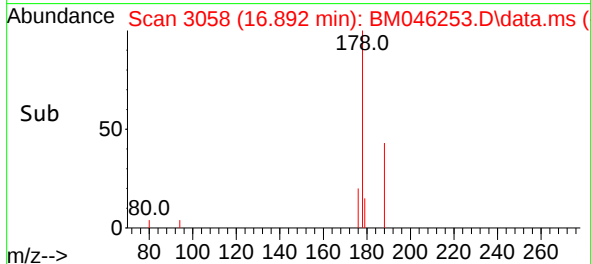
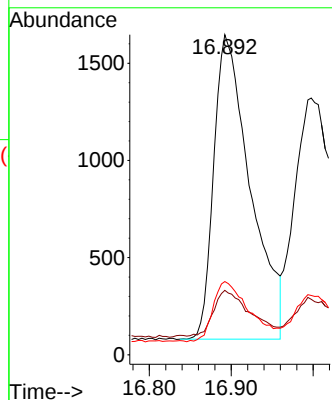
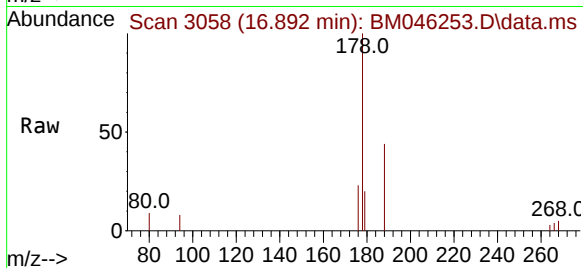
Tgt Ion:178 Resp: 4850

Ion Ratio Lower Upper

178 100

179 20.1 14.2 21.2

176 22.9 17.1 25.7



#16

Anthracene

Concen: 0.252 ng/ul

RT: 16.998 min Scan# 3083

Delta R.T. -0.007 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

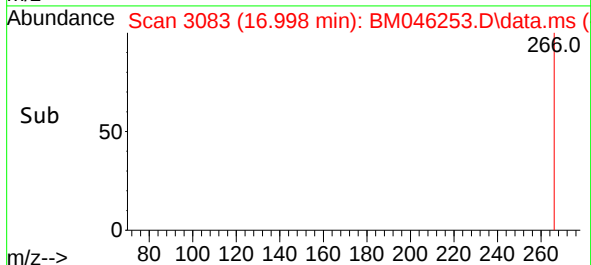
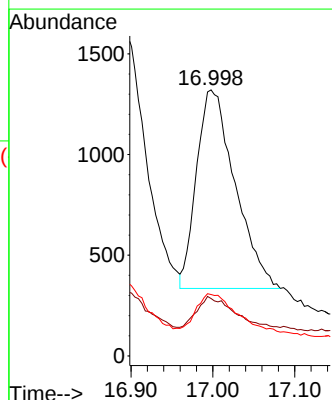
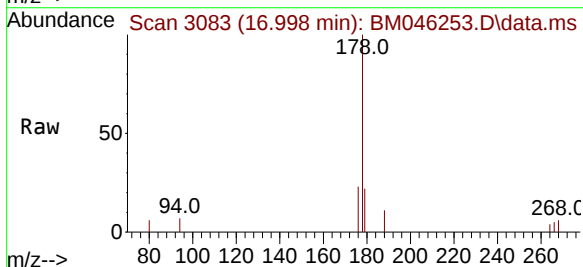
Tgt Ion:178 Resp: 3227

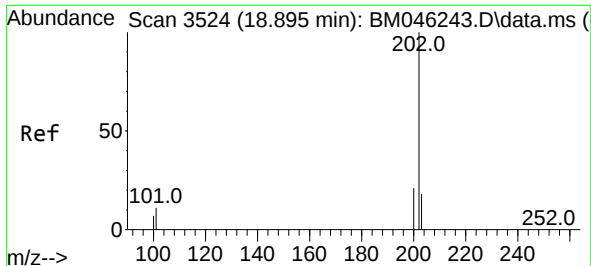
Ion Ratio Lower Upper

178 100

179 21.6 14.9 22.3

176 23.1 17.0 25.4

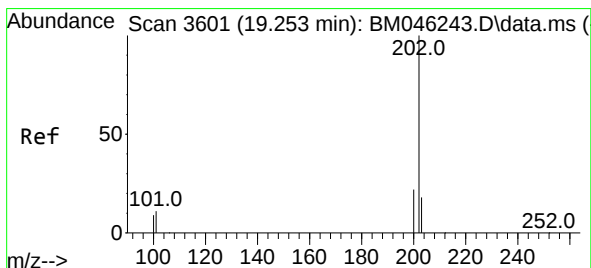
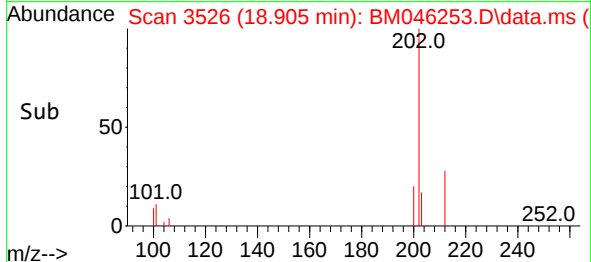
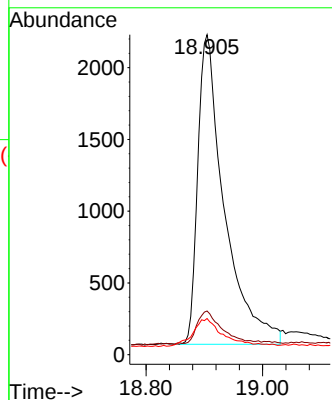
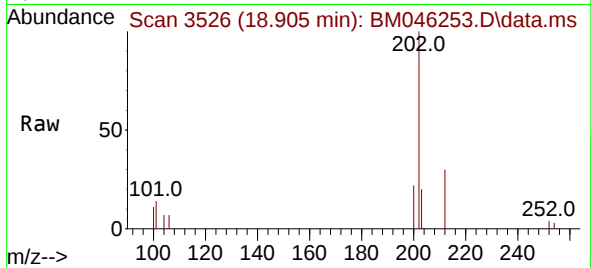




#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 18.905 min Scan# 3526
Delta R.T. -0.013 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

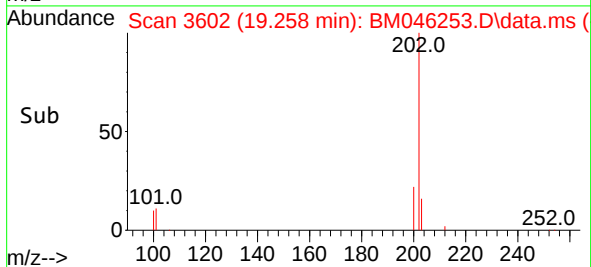
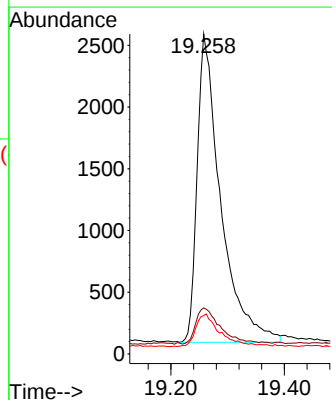
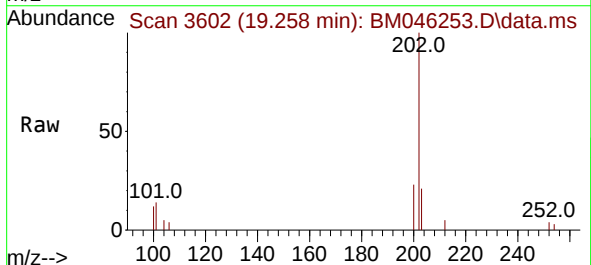
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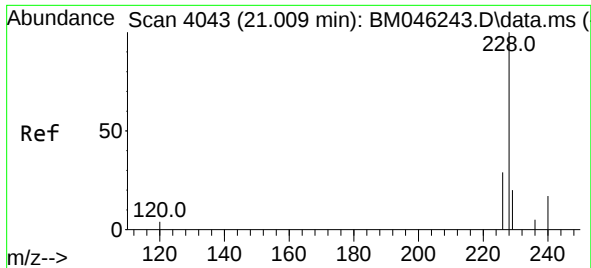
Tgt Ion:202 Resp: 6838
Ion Ratio Lower Upper
202 100
101 13.6 9.6 14.4
100 11.3 7.6 11.4



#20
Pyrene
Concen: 0.296 ng/ul
RT: 19.258 min Scan# 3602
Delta R.T. -0.017 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Tgt Ion:202 Resp: 7197
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 12.0 9.8 14.6

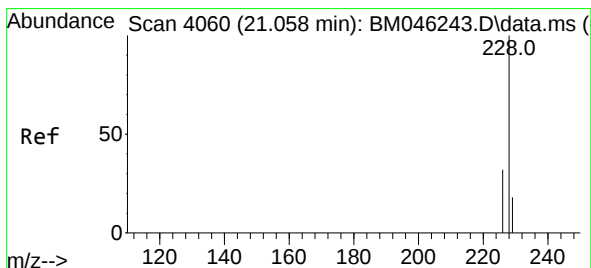
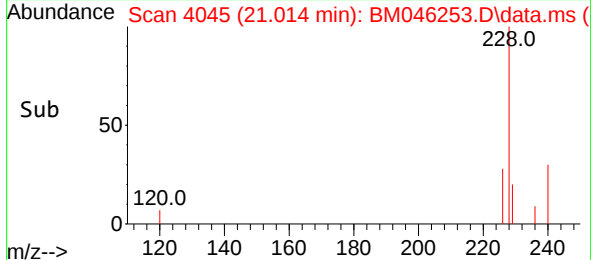
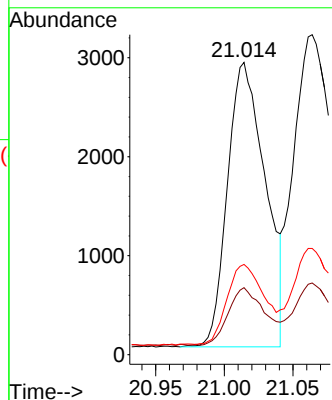
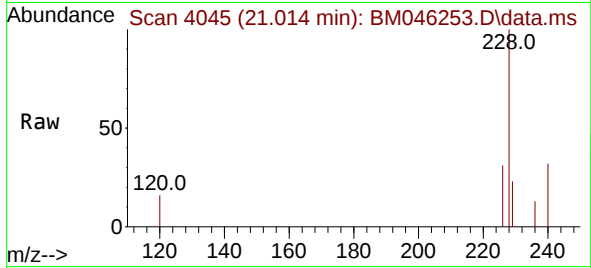




#21
Benzo(a)anthracene
Concen: 0.274 ng/ul
RT: 21.014 min Scan# 4043
Delta R.T. -0.015 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

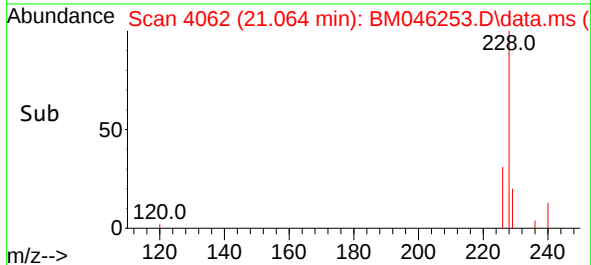
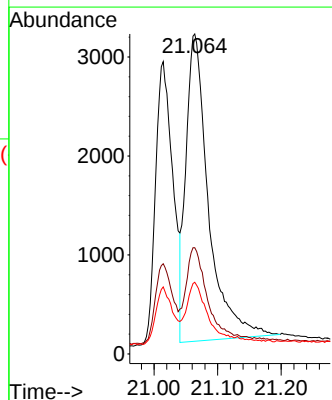
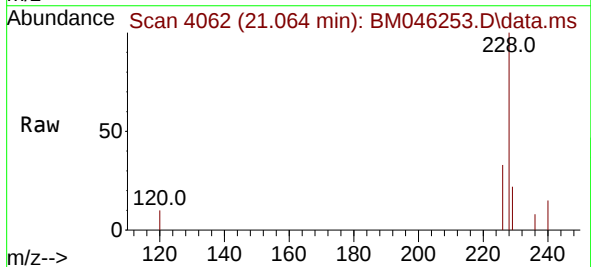
Instrument :
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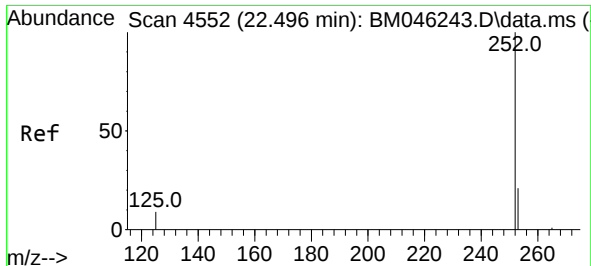
Tgt Ion:228 Resp: 5504
Ion Ratio Lower Upper
228 100
229 22.9 16.4 24.6
226 30.8 23.4 35.2



#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Tgt Ion:228 Resp: 7638
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 22.4 16.3 24.5

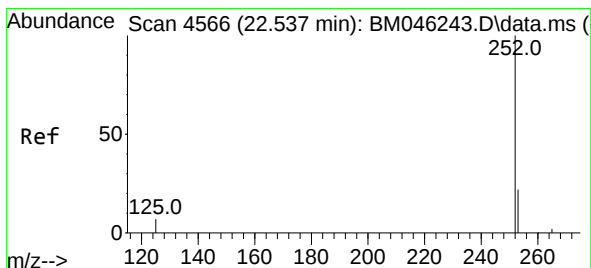
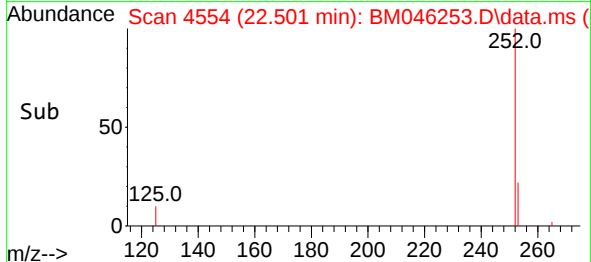
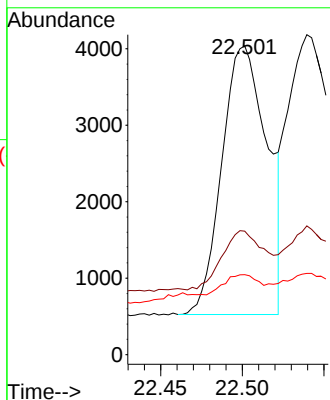
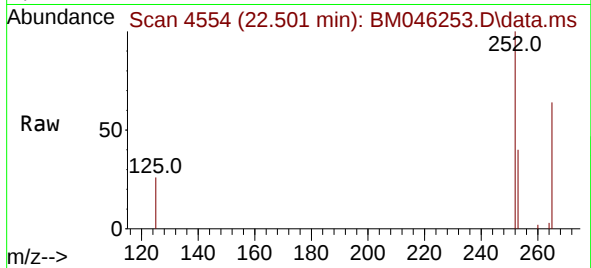




#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 22.501 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

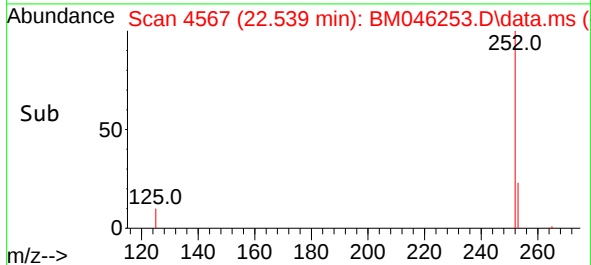
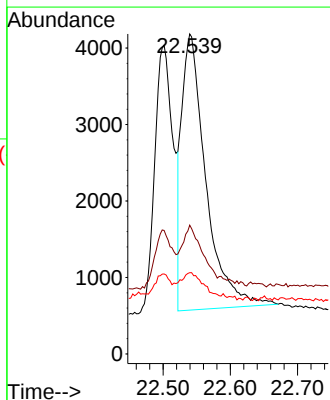
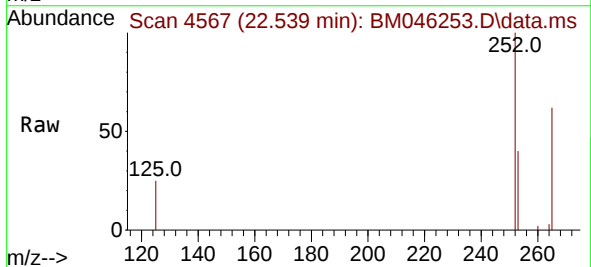
Instrument :
BNA_M
ClientSampleId :
SLCS463

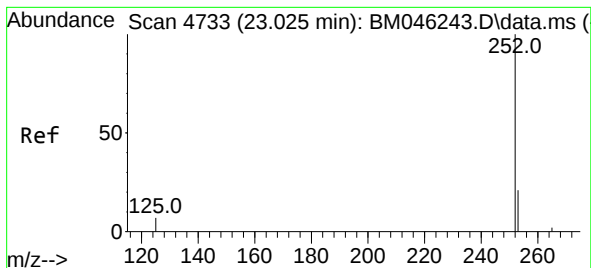
Tgt Ion:252 Resp: 6784
Ion Ratio Lower Upper
252 100
253 40.0 0.0 65.8
125 25.9 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Tgt Ion:252 Resp: 8995
Ion Ratio Lower Upper
252 100
253 40.2 27.2 40.8
125 25.4 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.315 ng/ul

RT: 23.031 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

Instrument :

BNA_M

ClientSampleId :

SLCS463

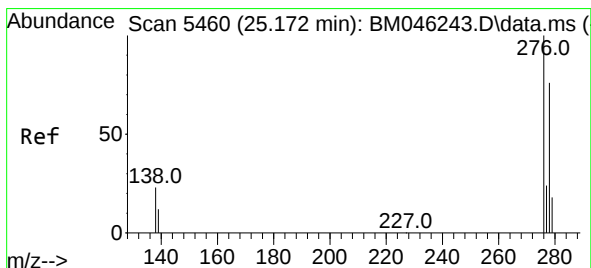
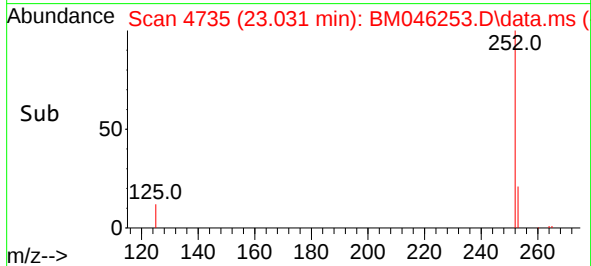
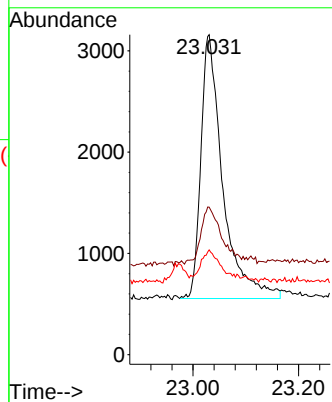
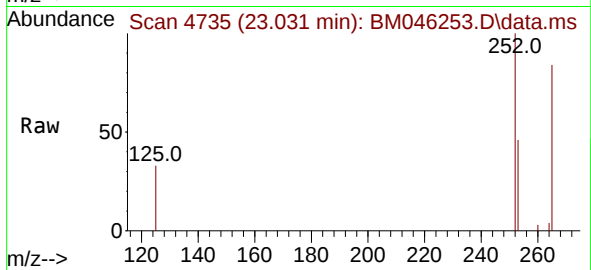
Tgt Ion:252 Resp: 7490

Ion Ratio Lower Upper

252 100

253 46.1 32.1 48.1

125 32.8 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.256 ng/ul

RT: 25.175 min Scan# 5461

Delta R.T. -0.027 min

Lab File: BM046253.D

Acq: 24 Jun 2024 15:04

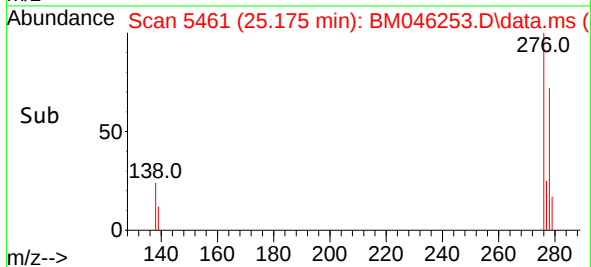
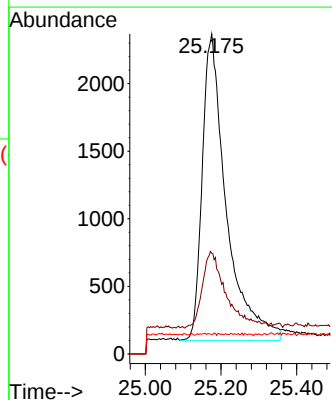
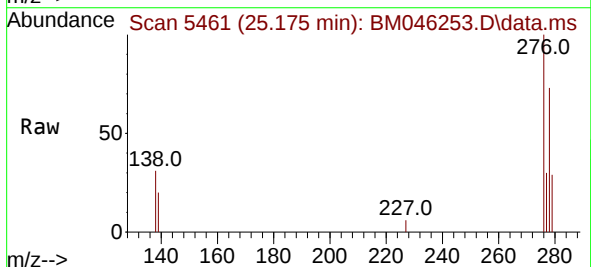
Tgt Ion:276 Resp: 9975

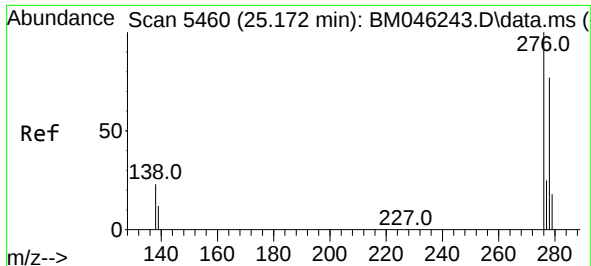
Ion Ratio Lower Upper

276 100

138 24.5 21.0 31.4

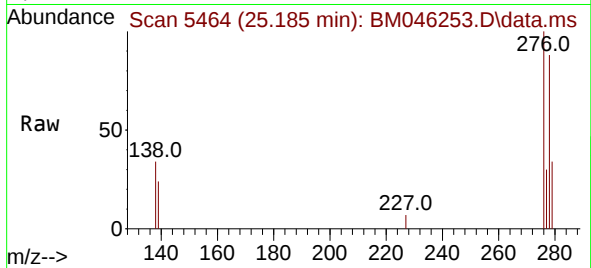
227 0.1 0.0 0.0#



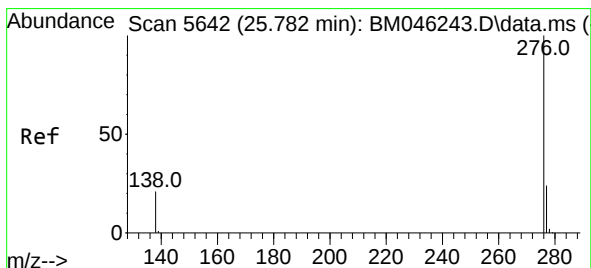
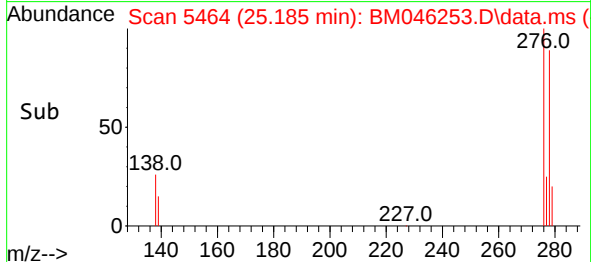
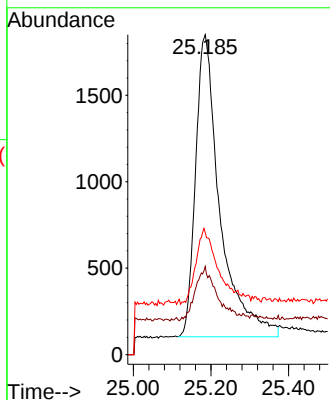


#28
Dibenzo(a,h)anthracene
Concen: 0.263 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.031 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Instrument :
BNA_M
ClientSampleId :
SLCS463



Tgt Ion:278 Resp: 7629
Ion Ratio Lower Upper
278 100
139 27.6 17.6 26.4#
279 38.1 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.252 ng/ul
RT: 25.786 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046253.D
Acq: 24 Jun 2024 15:04

Tgt Ion:276 Resp: 8430
Ion Ratio Lower Upper
276 100
138 30.5 21.7 32.5
277 28.3 20.4 30.6

