

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045906.D
 Acq On : 08 Jun 2024 08:57
 Operator : MA/JU
 Sample : PB161212BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS212

Quant Time: Jun 10 01:26:58 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)

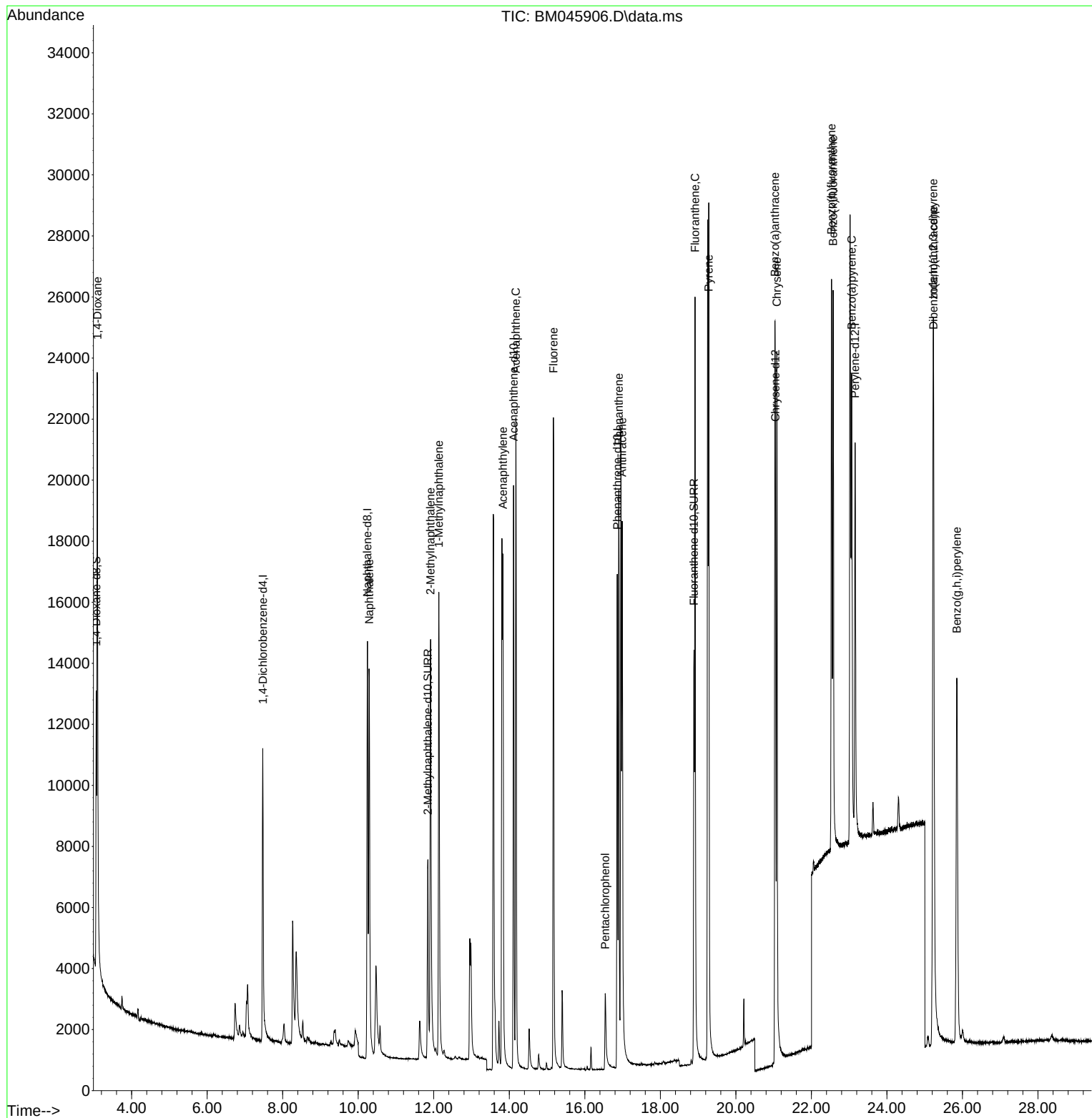
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	6016	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.244	136	20648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	10978	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	20284	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	14378	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	16691	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5398	0.788	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	10553	0.355	ng/ul	0.00
18) Fluoranthene-d10	18.891	212	16961	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.092	88	12436	1.586	ng/ul#	57
5) Naphthalene	10.288	128	20099	0.372	ng/ul	99
7) 2-Methylnaphthalene	11.915	142	12571	0.365	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	12328	0.330	ng/ul	99
10) Acenaphthylene	13.831	152	19204	0.385	ng/ul	99
11) Acenaphthene	14.174	153	13660	0.372	ng/ul	100
12) Fluorene	15.168	166	14901	0.363	ng/ul	100
14) Pentachlorophenol	16.542	266	2783	0.734	ng/ul	96
15) Phenanthrene	16.901	178	21168	0.372	ng/ul	100
16) Anthracene	16.989	178	18771	0.386	ng/ul	100
19) Fluoranthene	18.918	202	23232	0.405	ng/ul	99
20) Pyrene	19.281	202	24231	0.405	ng/ul	98
21) Benzo(a)anthracene	21.035	228	20204	0.383	ng/ul	100
22) Chrysene	21.084	228	22580	0.393	ng/ul	100
24) Benzo(b)fluoranthene	22.534	252	22638	0.409	ng/ul	98
25) Benzo(k)fluoranthene	22.575	252	23514	0.387	ng/ul	97
26) Benzo(a)pyrene	23.066	252	21289	0.387	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.225	276	27895	0.392	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.235	278	22199	0.390	ng/ul	97
29) Benzo(g,h,i)perylene	25.853	276	23898	0.389	ng/ul	99

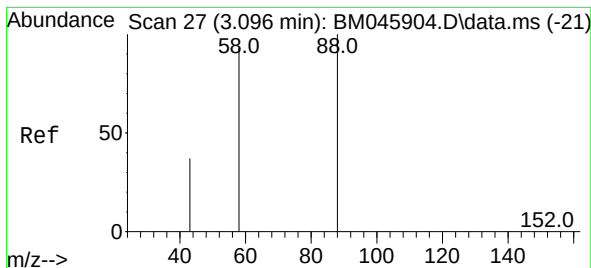
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2

1,4-Dioxane

Concen: 1.586 ng/ul

RT: 3.092 min Scan# 2

Delta R.T. -0.021 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Instrument :

BNA_M

ClientSampleId :

SLCS212

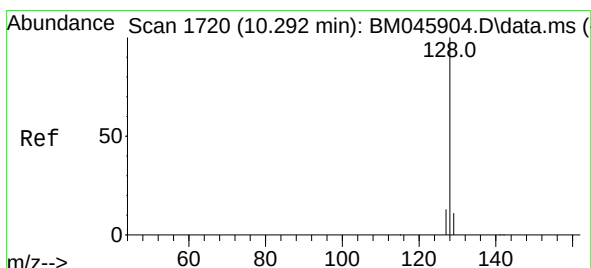
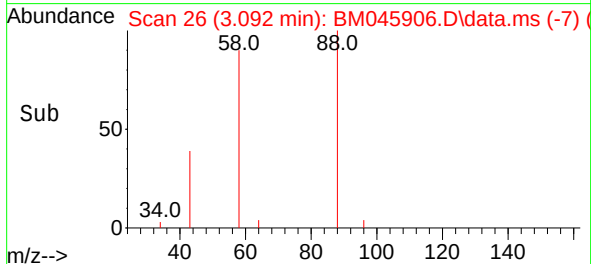
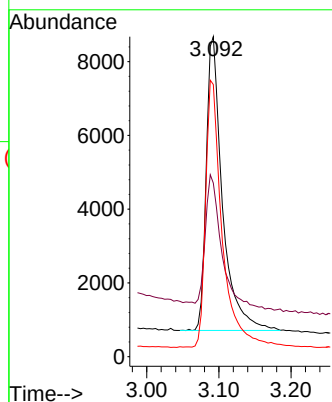
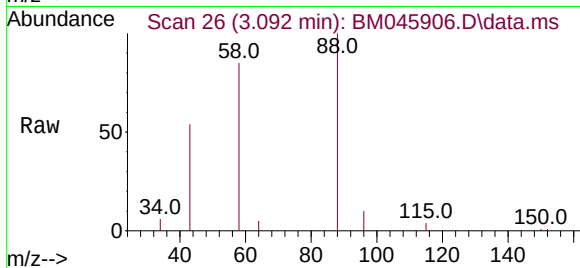
Tgt Ion: 88 Resp: 12436

Ion Ratio Lower Upper

88 100

43 54.2 87.4 131.2#

58 85.0 51.1 76.7#



#5

Naphthalene

Concen: 0.372 ng/ul

RT: 10.288 min Scan# 1719

Delta R.T. -0.015 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

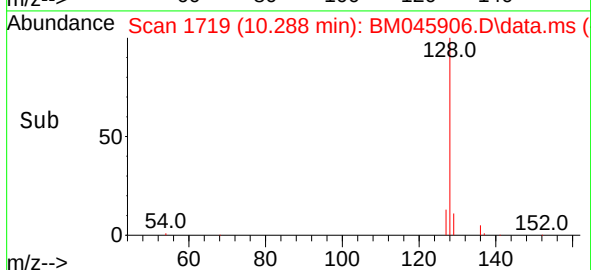
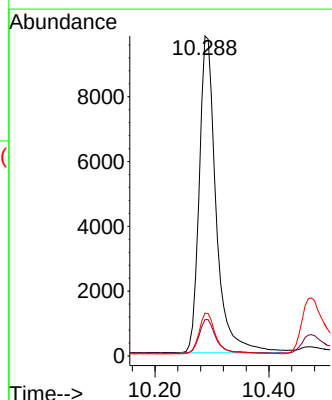
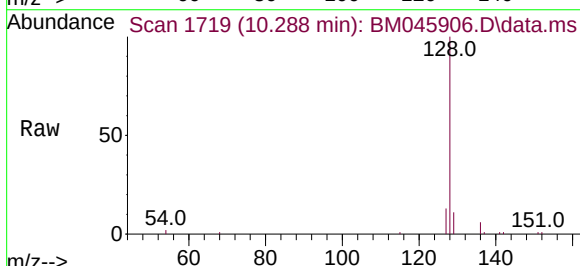
Tgt Ion: 128 Resp: 20099

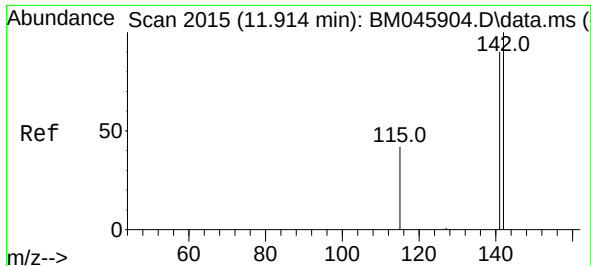
Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

127 13.4 10.6 15.8

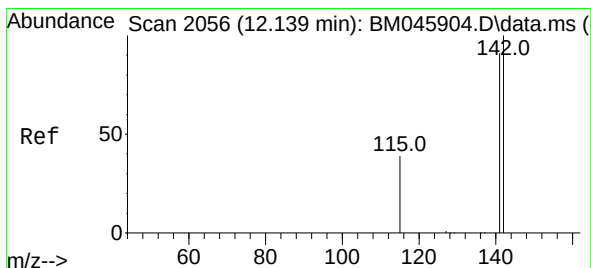
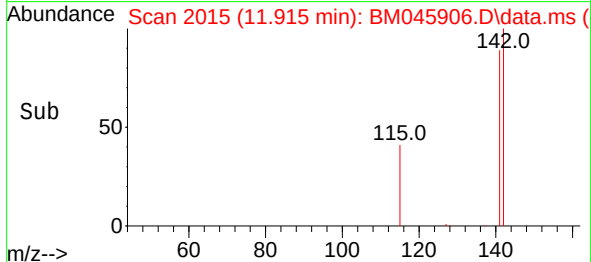
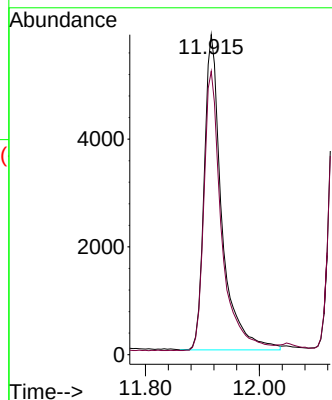
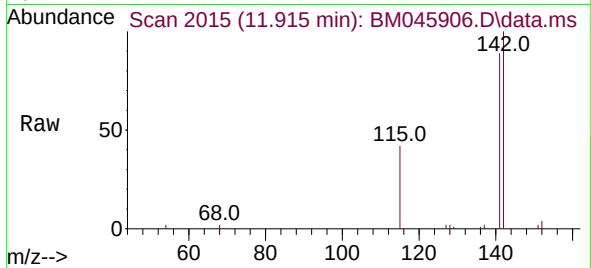




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 11.915 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

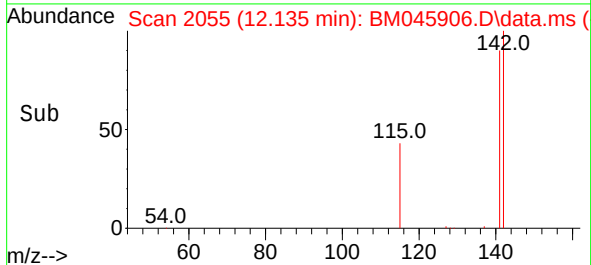
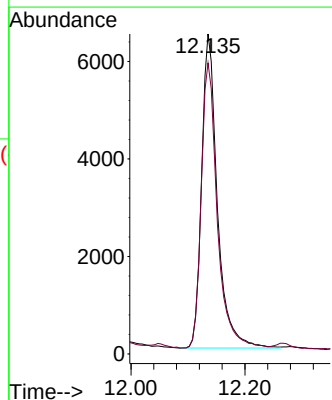
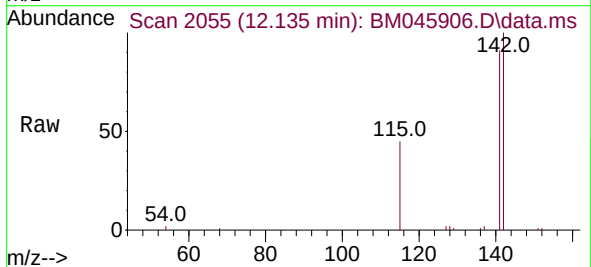
Instrument :
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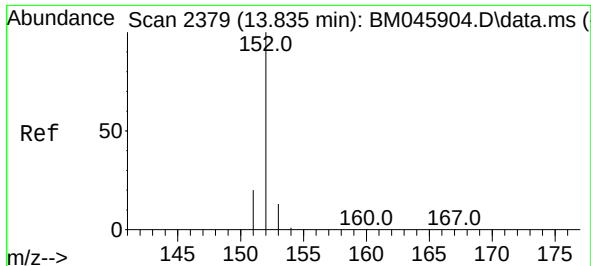
Tgt Ion:142 Resp: 12571
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.135 min Scan# 2055
Delta R.T. -0.010 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

Tgt Ion:142 Resp: 12328
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3

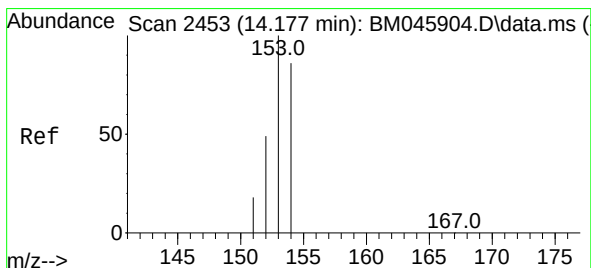
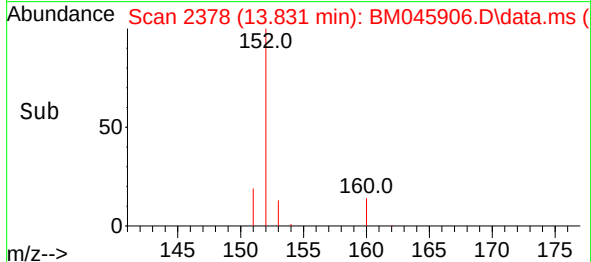
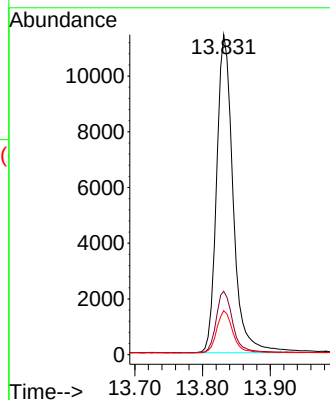
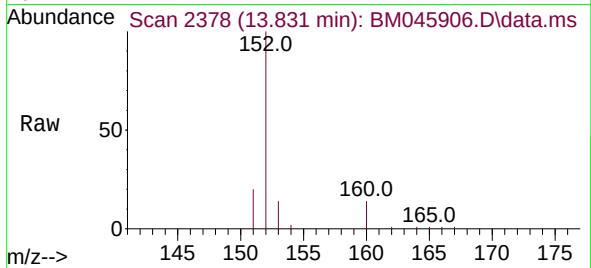




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.831 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

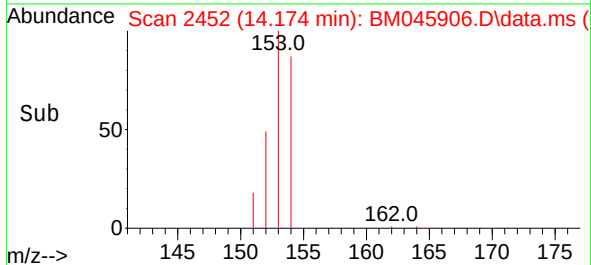
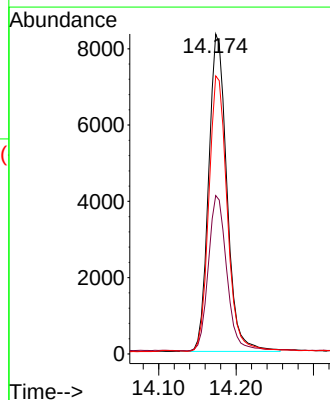
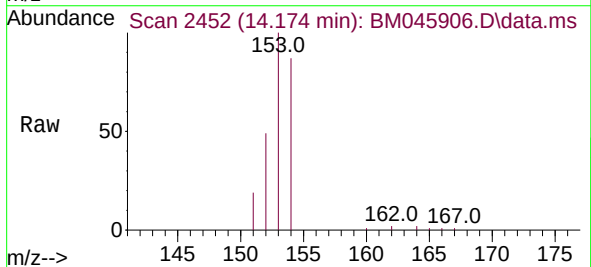
Instrument :
BNA_M
ClientSampleId :
SLCS212

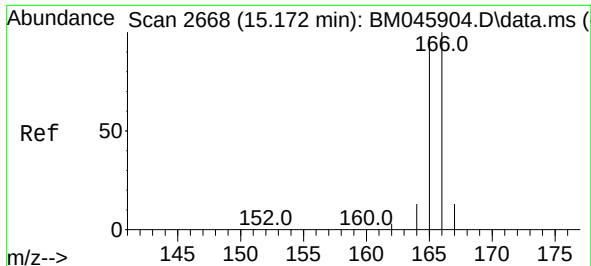
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.4	24.6
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.0	58.4
154	86.9	69.4	104.2

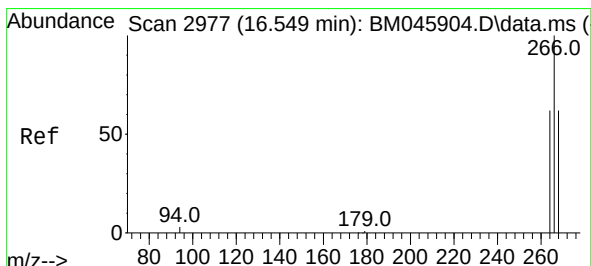
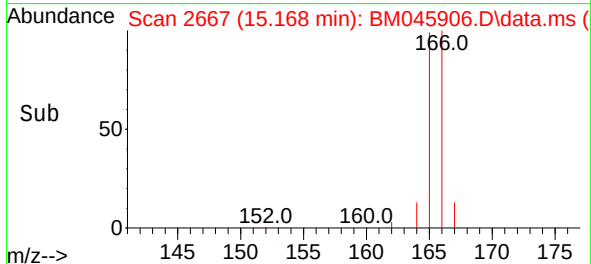
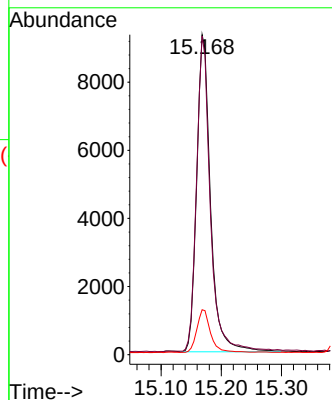
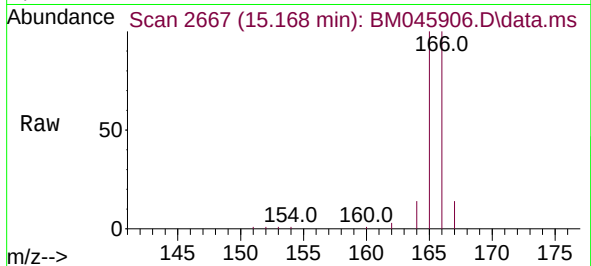




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.168 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

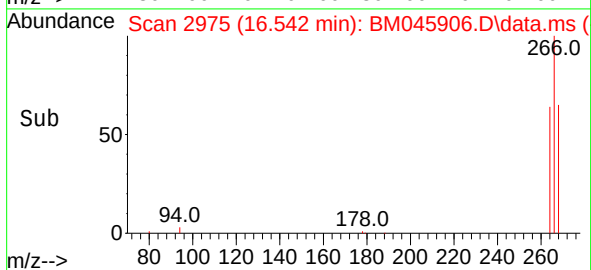
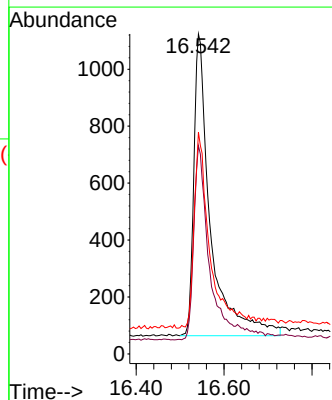
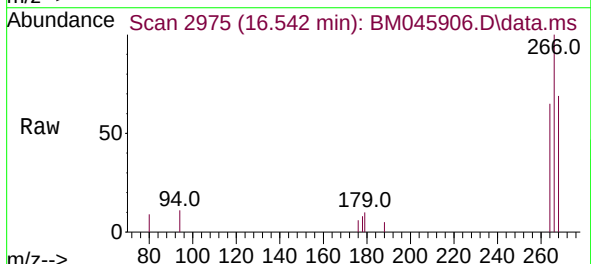
Instrument :
BNA_M
ClientSampleId :
SLCS212

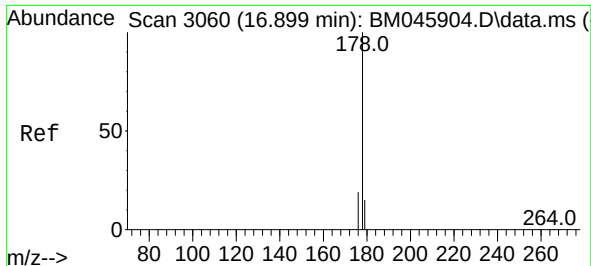
Tgt Ion:166 Resp: 14901
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.734 ng/ul
RT: 16.542 min Scan# 2975
Delta R.T. -0.011 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

Tgt Ion:266 Resp: 2783
Ion Ratio Lower Upper
266 100
264 63.4 47.9 71.9
268 65.8 50.9 76.3

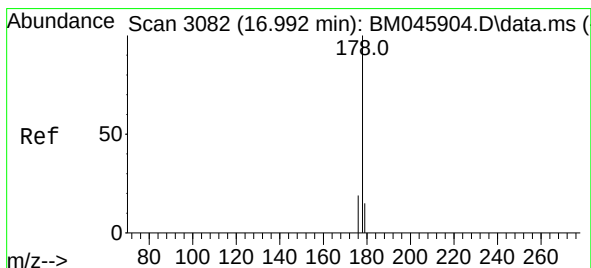
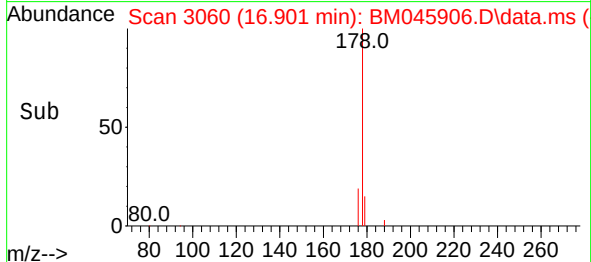
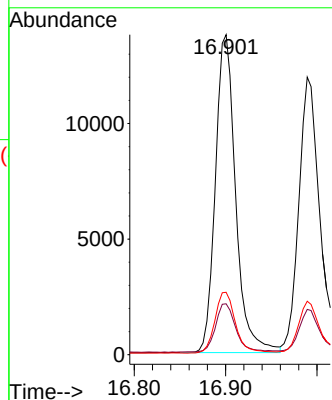
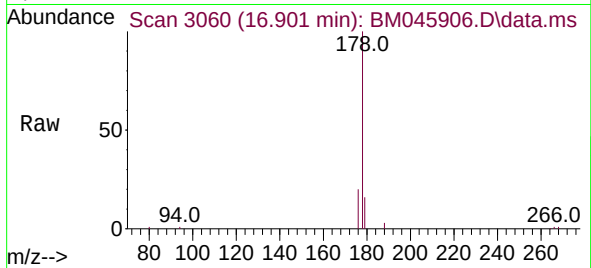




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.003 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

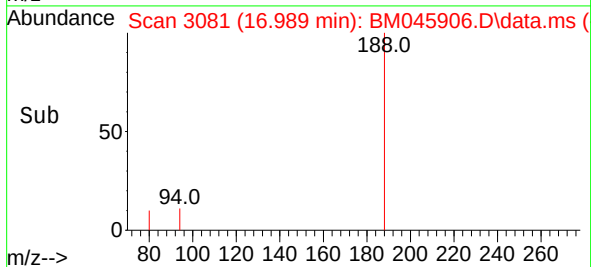
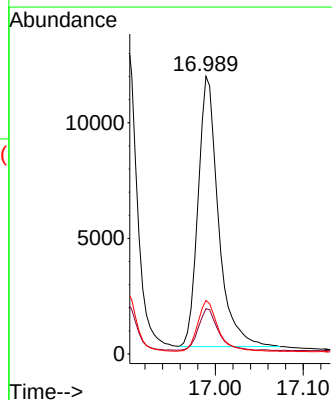
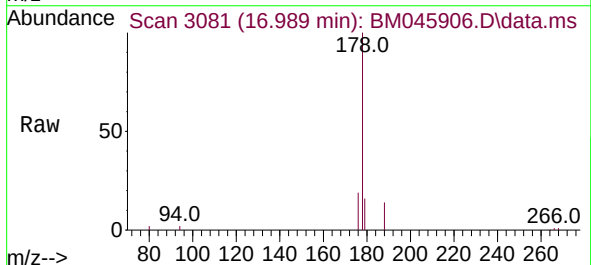
Instrument :
BNA_M
ClientSampleId :
SLCS212

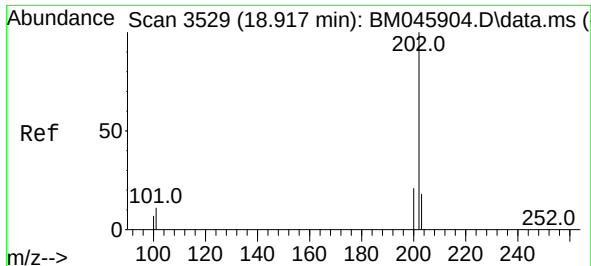
Tgt Ion:178 Resp: 21168
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.386 ng/ul
RT: 16.989 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

Tgt Ion:178 Resp: 18771
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.2 15.5 23.3





#19

Fluoranthene

Concen: 0.405 ng/ul

RT: 18.918 min Scan# 3529

Delta R.T. -0.003 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Instrument :

BNA_M

ClientSampleId :

SLCS212

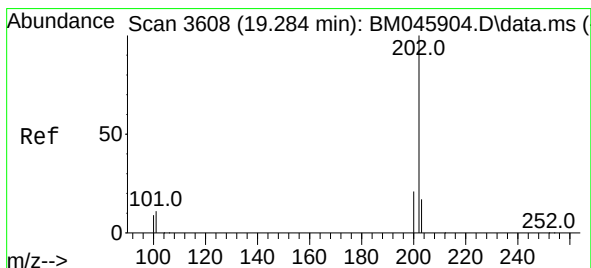
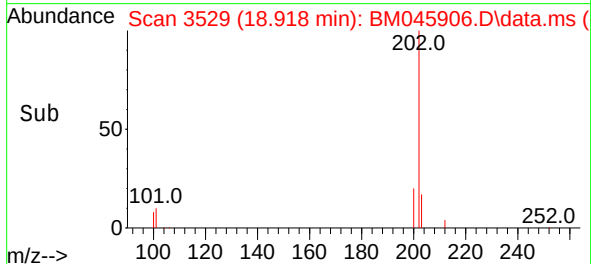
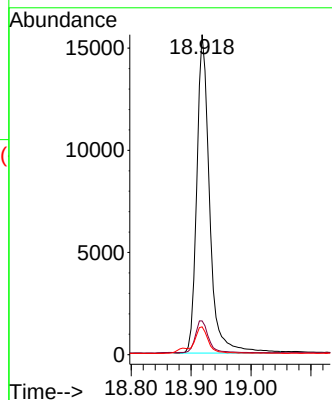
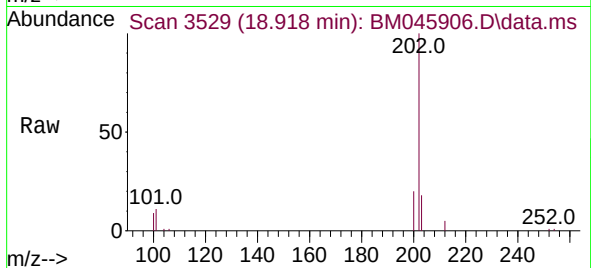
Tgt Ion:202 Resp: 23232

Ion Ratio Lower Upper

202 100

101 10.5 9.0 13.6

100 8.7 7.0 10.6



#20

Pyrene

Concen: 0.405 ng/ul

RT: 19.281 min Scan# 3607

Delta R.T. -0.003 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

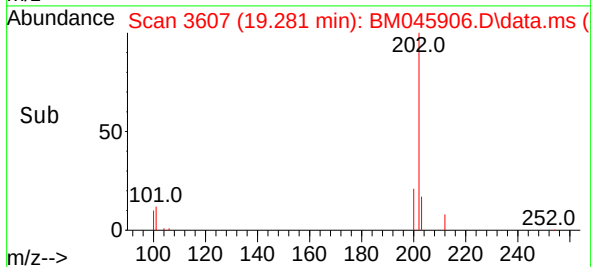
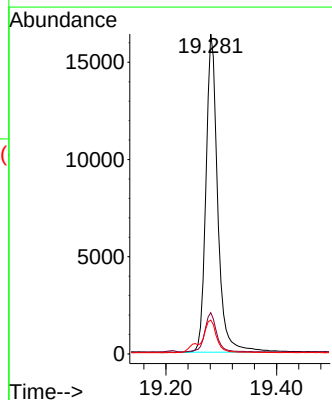
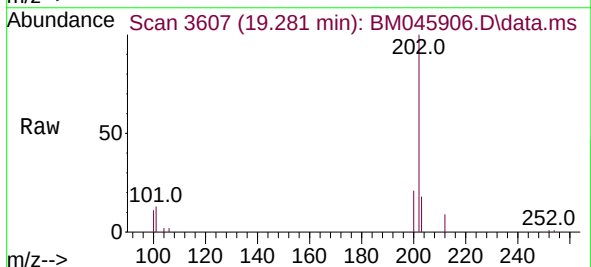
Tgt Ion:202 Resp: 24231

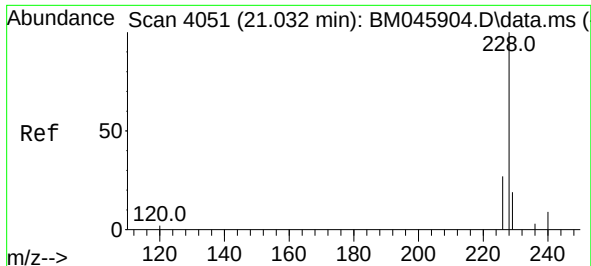
Ion Ratio Lower Upper

202 100

101 12.9 10.6 16.0

100 10.6 9.1 13.7

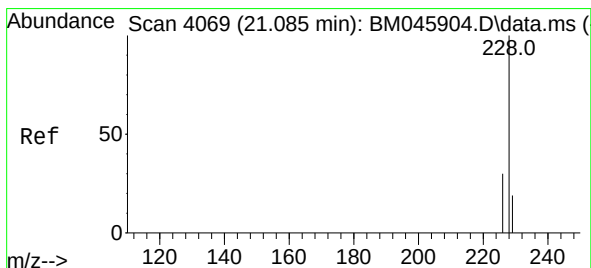
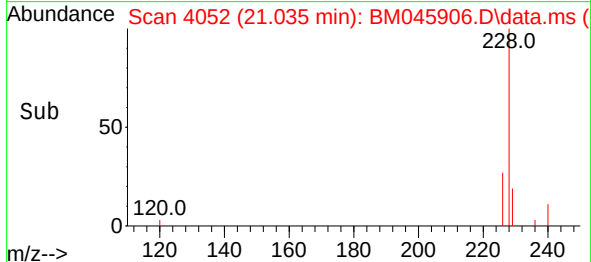
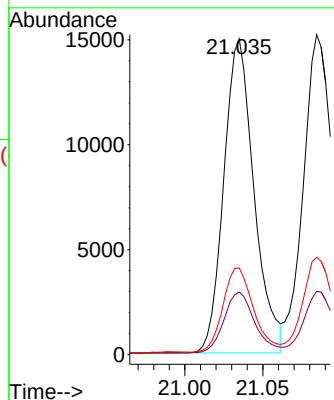
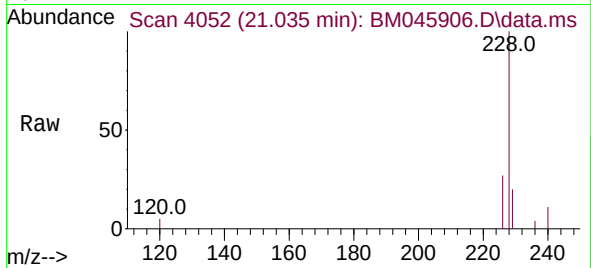




#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.035 min Scan# 4051
Delta R.T. -0.000 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

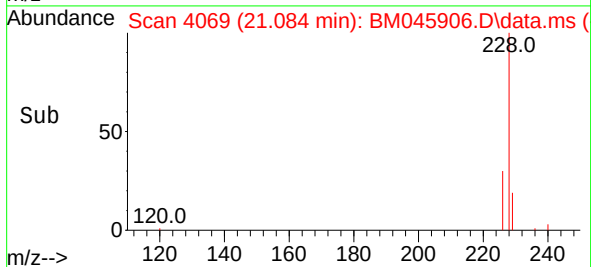
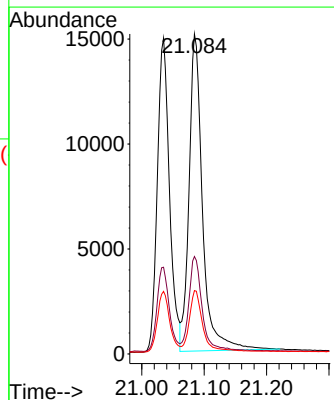
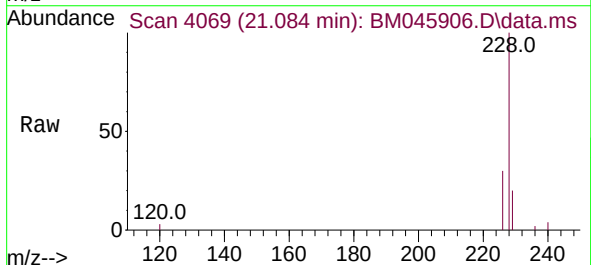
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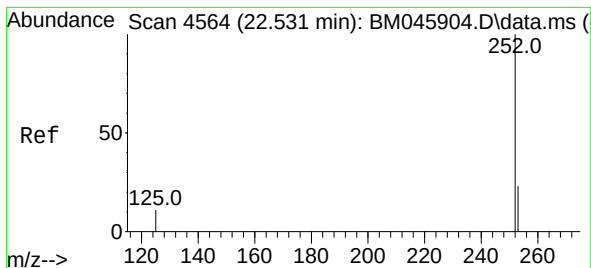
Tgt Ion:228 Resp: 20204
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045906.D
Acq: 08 Jun 2024 08:57

Tgt Ion:228 Resp: 22580
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.8 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 0.409 ng/ul

RT: 22.534 min Scan# 4564

Delta R.T. -0.003 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Instrument :

BNA_M

ClientSampleId :

SLCS212

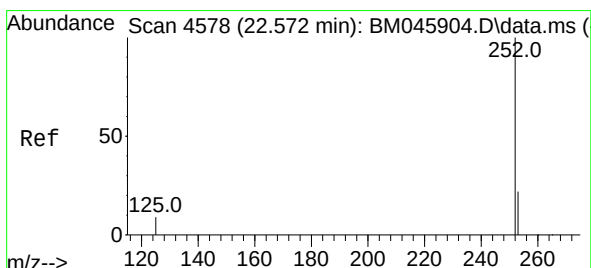
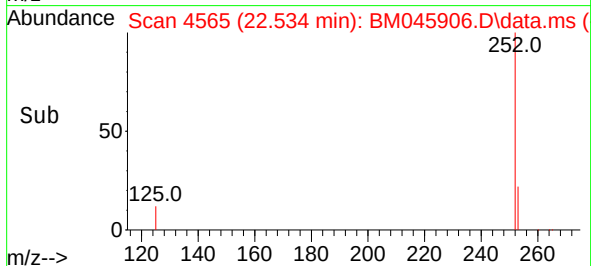
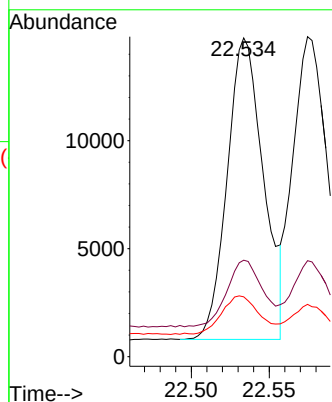
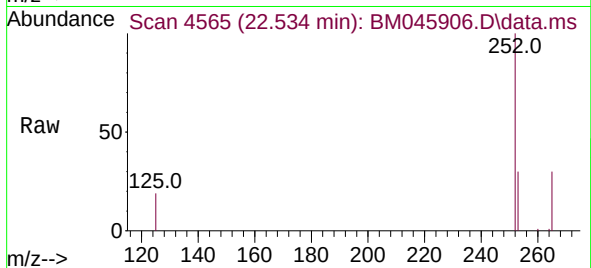
Tgt Ion:252 Resp: 22638

Ion Ratio Lower Upper

252 100

253 30.3 0.0 63.6

125 18.8 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.387 ng/ul

RT: 22.575 min Scan# 4579

Delta R.T. -0.006 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

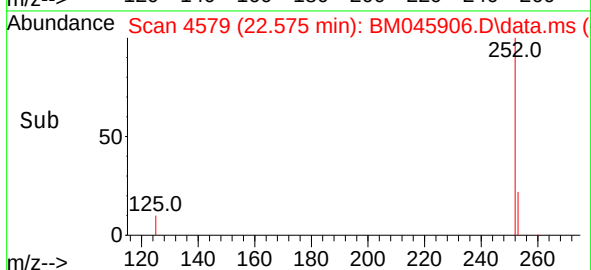
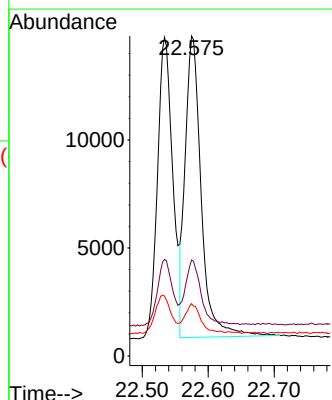
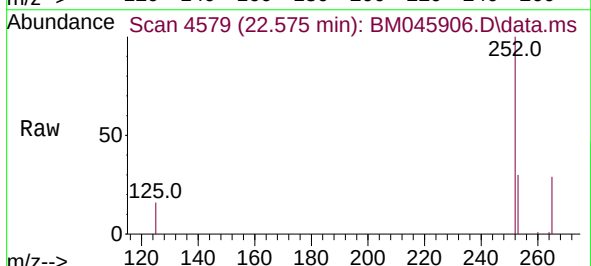
Tgt Ion:252 Resp: 23514

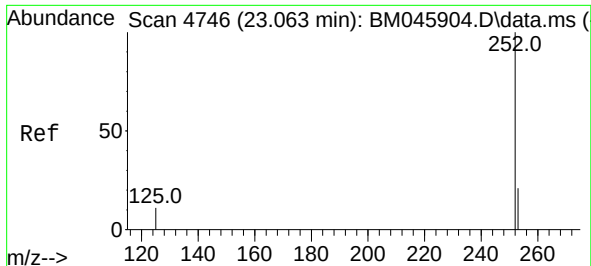
Ion Ratio Lower Upper

252 100

253 30.0 25.0 37.6

125 16.3 14.2 21.2





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.066 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Instrument :

BNA_M

ClientSampleId :

SLCS212

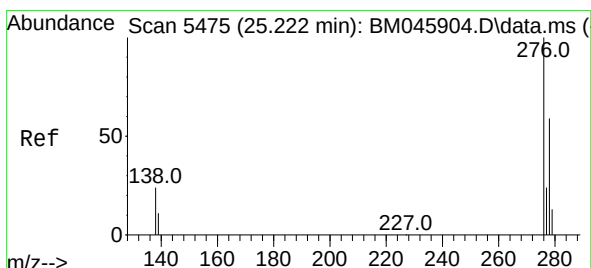
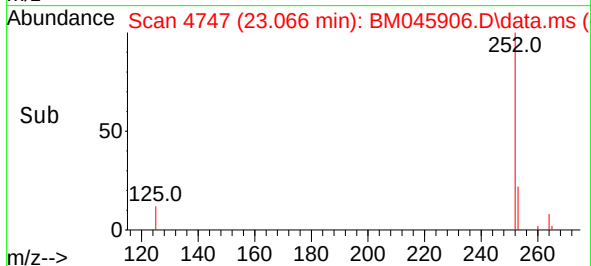
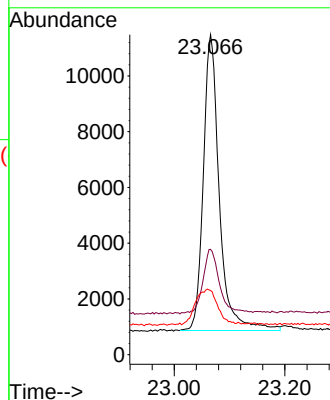
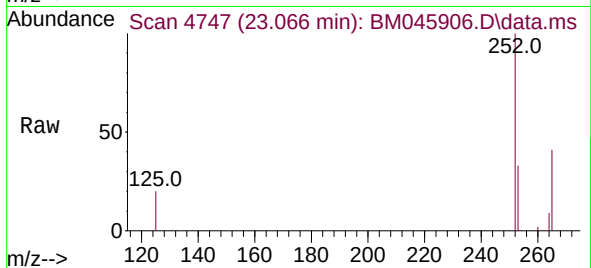
Tgt Ion:252 Resp: 21289

Ion Ratio Lower Upper

252 100

253 32.9 28.8 43.2

125 20.1 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 25.225 min Scan# 5476

Delta R.T. -0.007 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

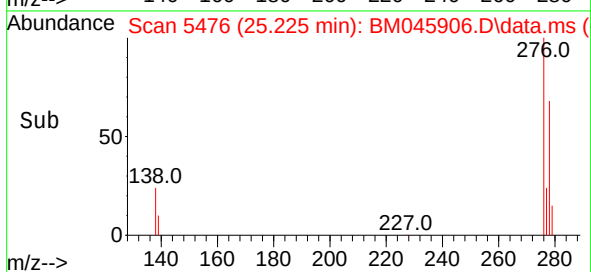
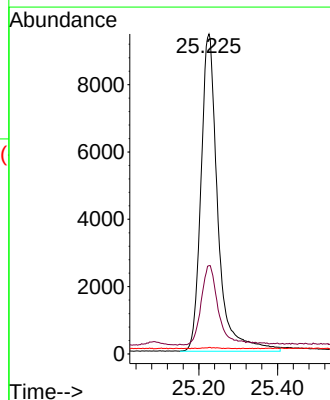
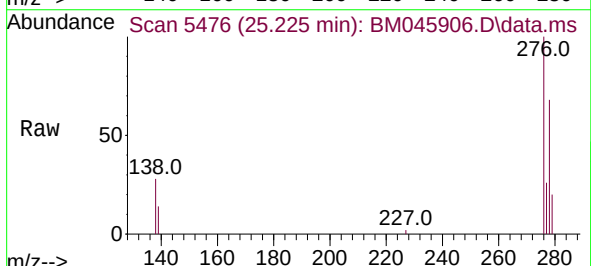
Tgt Ion:276 Resp: 27895

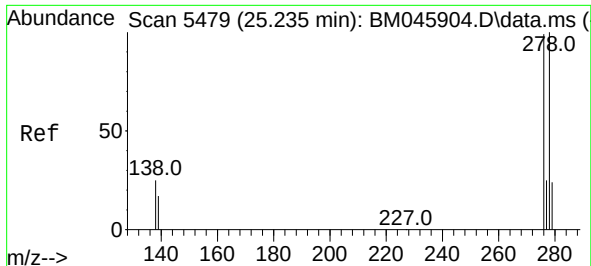
Ion Ratio Lower Upper

276 100

138 25.8 20.7 31.1

227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.390 ng/ul

RT: 25.235 min Scan# 5479

Delta R.T. -0.013 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Instrument :

BNA_M

ClientSampleId :

SLCS212

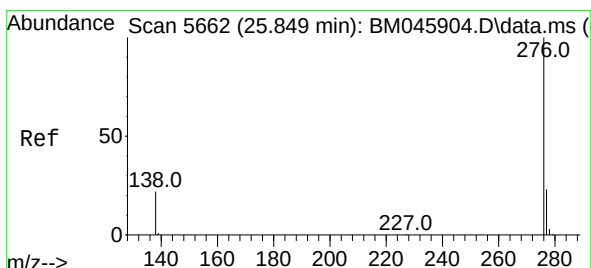
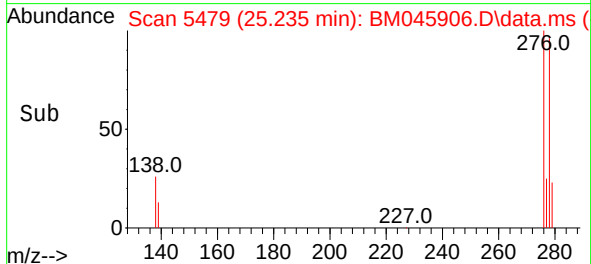
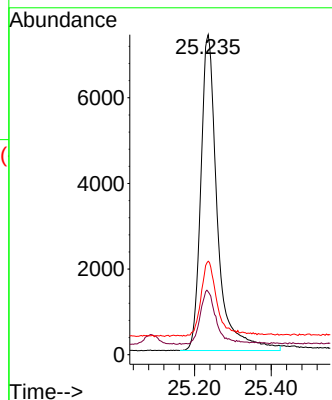
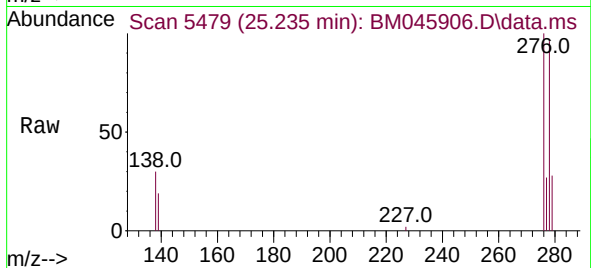
Tgt Ion:278 Resp: 22199

Ion Ratio Lower Upper

278 100

139 19.6 16.6 25.0

279 29.2 24.6 37.0



#29

Benzo(g,h,i)perylene

Concen: 0.389 ng/ul

RT: 25.853 min Scan# 5663

Delta R.T. -0.010 min

Lab File: BM045906.D

Acq: 08 Jun 2024 08:57

Tgt Ion:276 Resp: 23898

Ion Ratio Lower Upper

276 100

138 25.0 21.0 31.4

277 25.3 20.5 30.7

