

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045890.D
 Acq On : 07 Jun 2024 21:07
 Operator : MA/JU
 Sample : P2586-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C29

Quant Time: Jun 07 23:01:58 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)

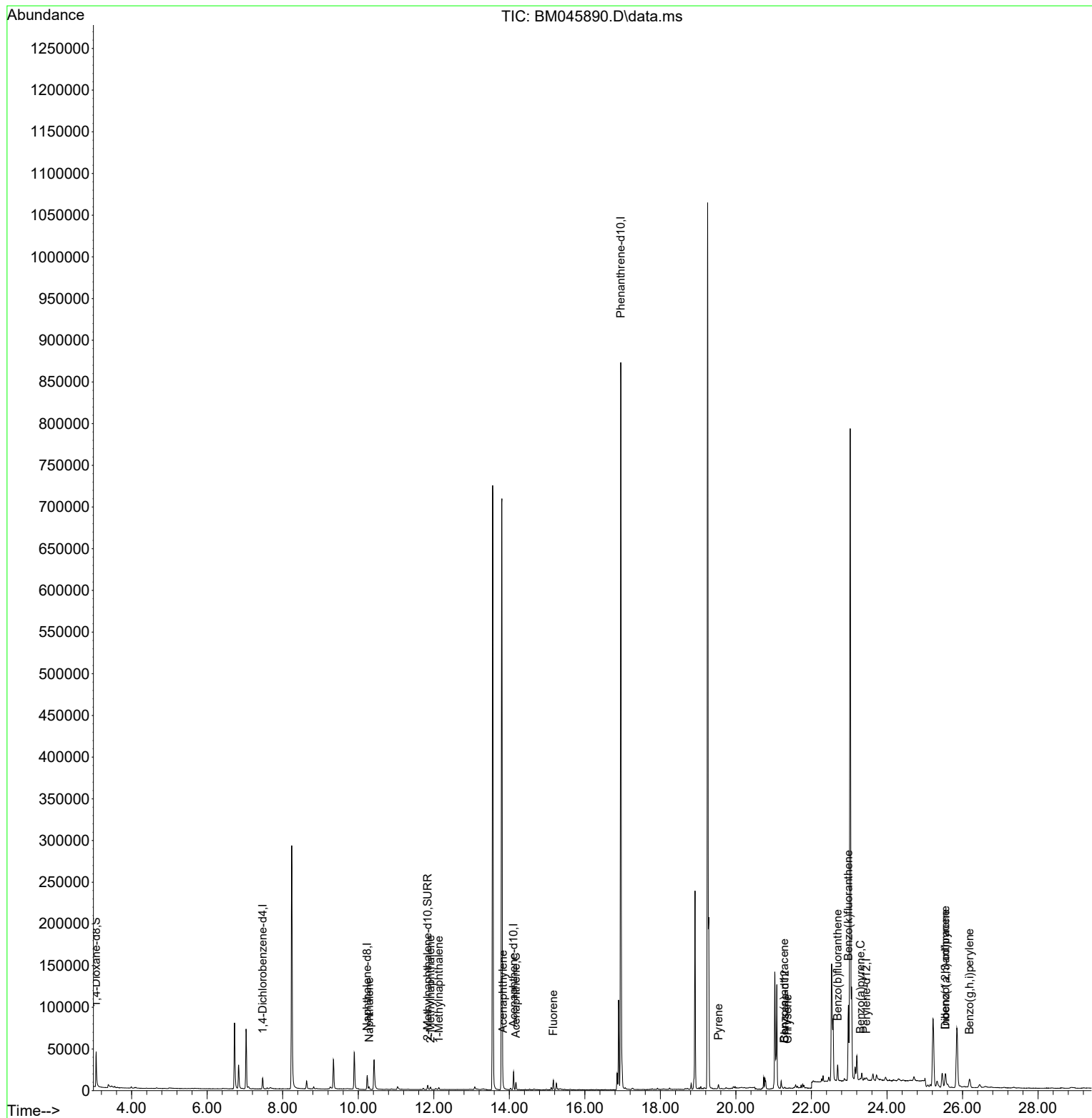
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6460	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	21598	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11180	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	958868	0.400	ng/ul	0.08
17) Chrysene-d12	21.295	240	139	0.400	ng/ul	# 0.24
23) Perylene-d12	23.449	264	966	0.400	ng/ul	# 0.28
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	24738	3.362	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7035	0.226	ng/ul	-0.01
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds					Qvalue	
5) Naphthalene	10.286	128	4479	0.079	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	2151	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1585	0.041	ng/ul	98
10) Acenaphthylene	13.830	152	3594	0.071	ng/ul#	91
11) Acenaphthene	14.172	153	5302	0.142	ng/ul	98
12) Fluorene	15.167	166	7366	0.176	ng/ul	98
20) Pyrene	19.535	202	1206	2.086	ng/ul#	64
21) Benzo(a)anthracene	21.283	228	632	1.239	ng/ul#	1
22) Chrysene	21.368	228	37	0.067	ng/ul#	1
24) Benzo(b)fluoranthene	22.692	252	22459	7.010	ng/ul	86
25) Benzo(k)fluoranthene	22.978	252	108245	30.743	ng/ul#	92
26) Benzo(a)pyrene	23.297	252	942	0.296	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.548	276	7890	1.915	ng/ul#	41
28) Dibenzo(a,h)anthracene	25.548	278	26745	8.120	ng/ul	94
29) Benzo(g,h,i)perylene	26.185	276	18612	5.238	ng/ul#	83

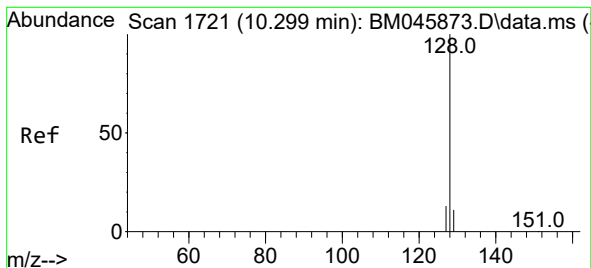
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C29

Quant Time: Jun 07 23:01:58 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

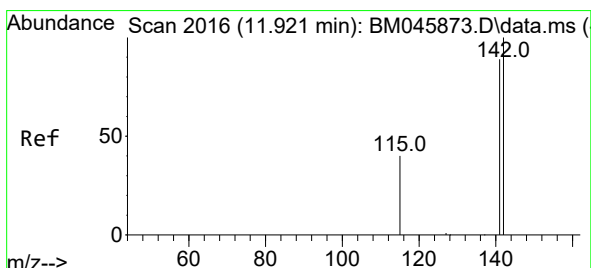
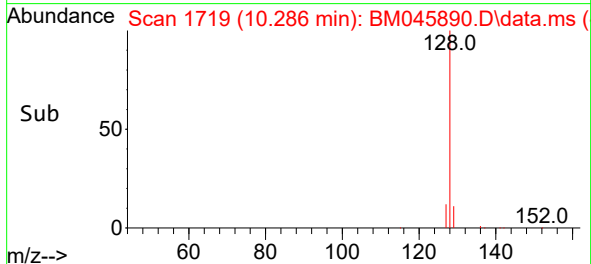
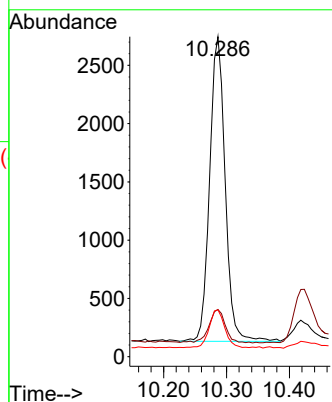
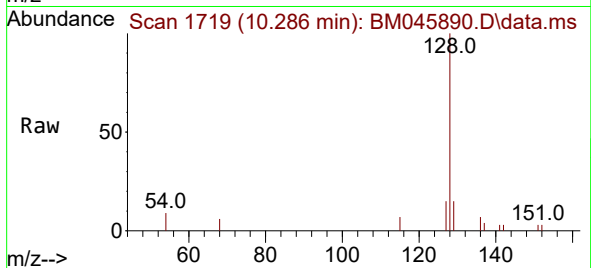




#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

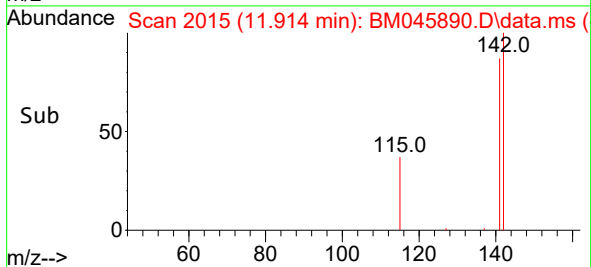
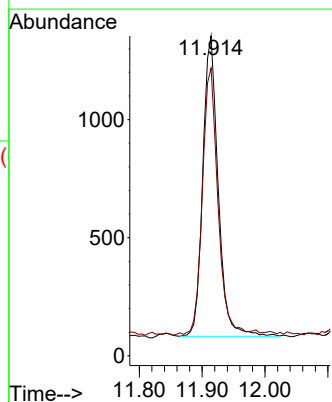
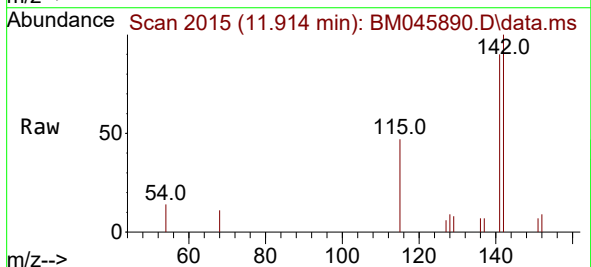
Instrument :
BNA_M
ClientSampleId :
A4C29

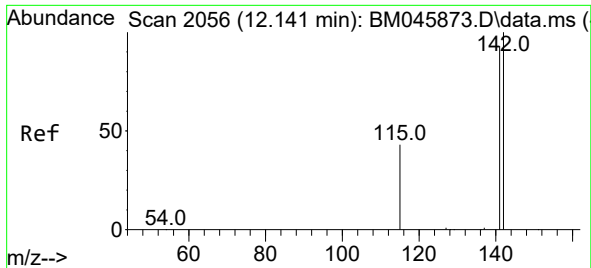
Tgt Ion:128 Resp: 4479
Ion Ratio Lower Upper
128 100
129 14.7 9.4 14.0#
127 14.6 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:142 Resp: 2151
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4

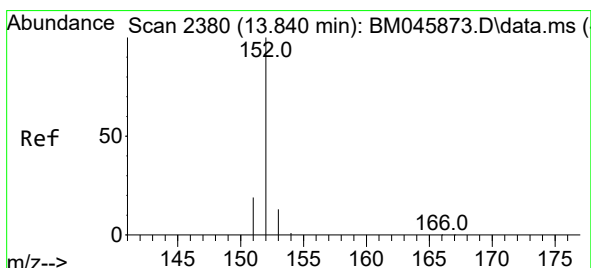
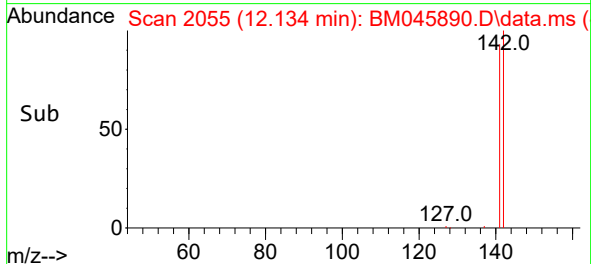
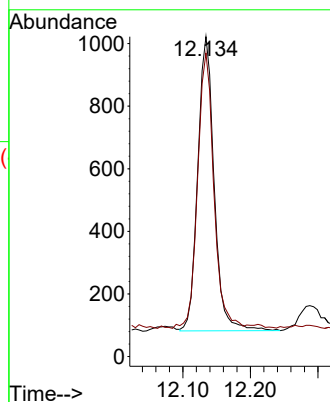
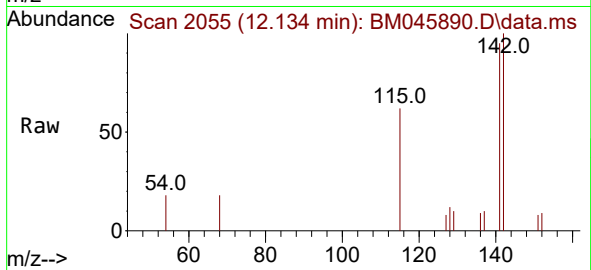




#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

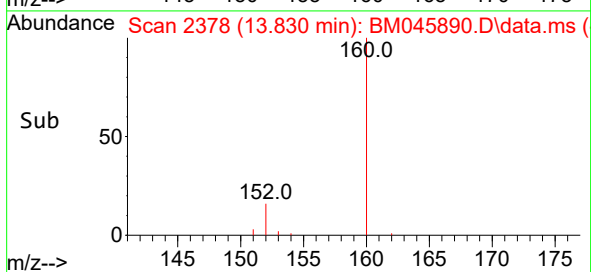
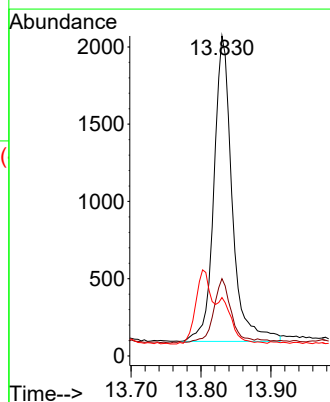
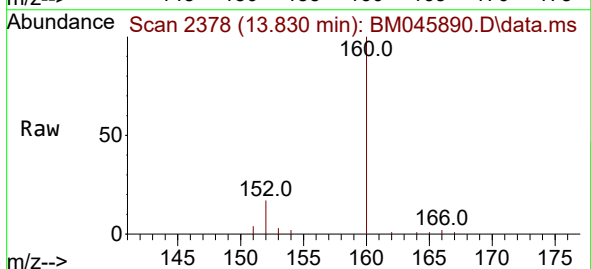
Instrument :
BNA_M
ClientSampleId :
A4C29

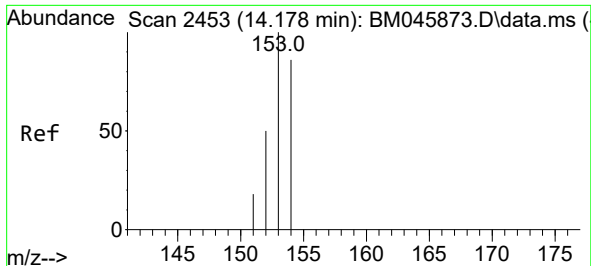
Tgt Ion:142 Resp: 1585
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:152 Resp: 3594
Ion Ratio Lower Upper
152 100
151 24.1 16.4 24.6
153 18.3 11.1 16.7#

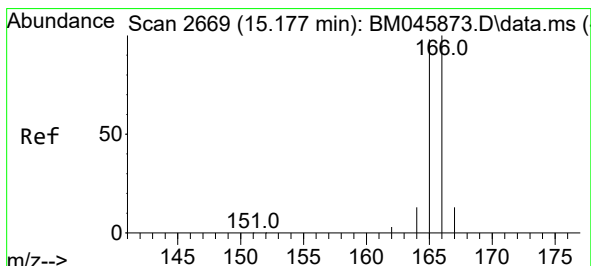
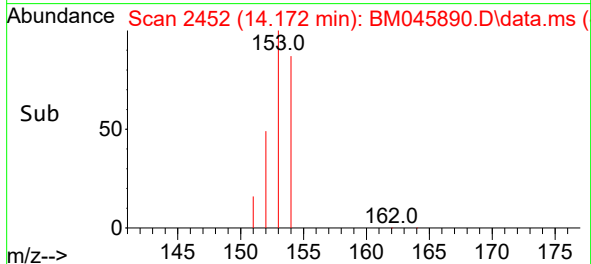
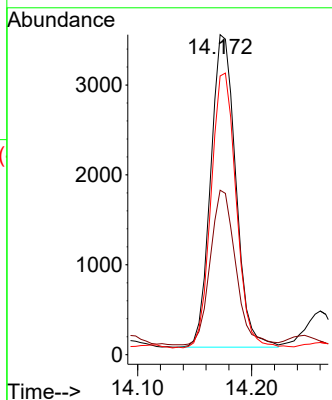
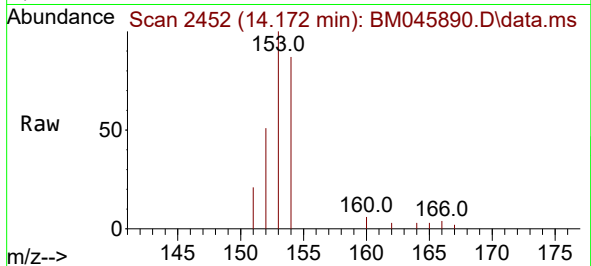




#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

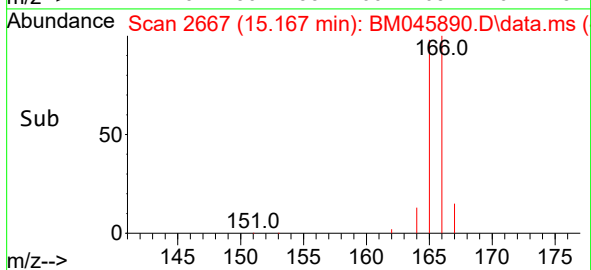
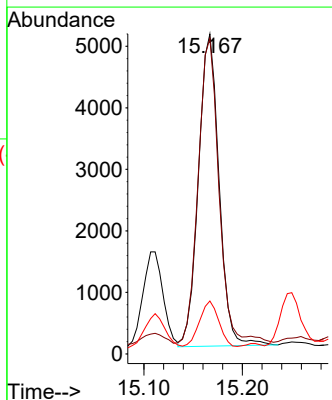
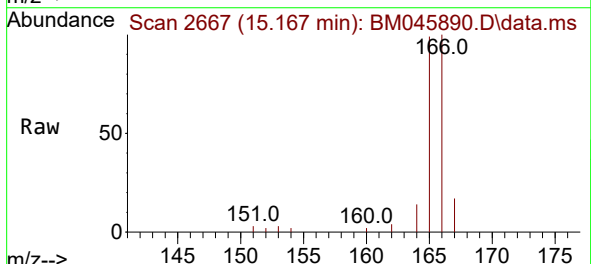
Instrument :
BNA_M
ClientSampleId :
A4C29

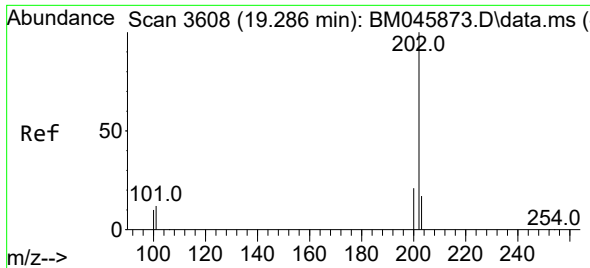
Tgt Ion:153 Resp: 5302
Ion Ratio Lower Upper
153 100
152 51.4 39.0 58.4
154 87.1 69.4 104.2



#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:166 Resp: 7366
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 16.5 11.3 16.9

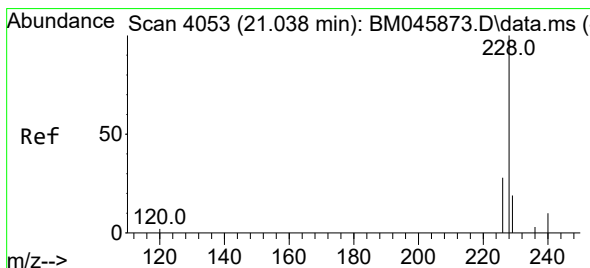
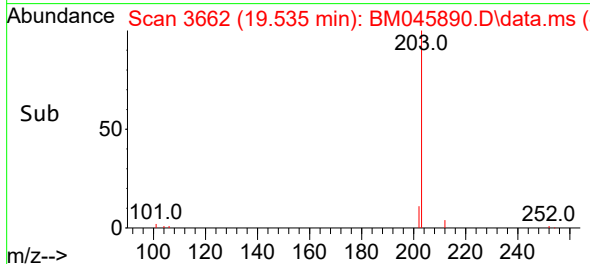
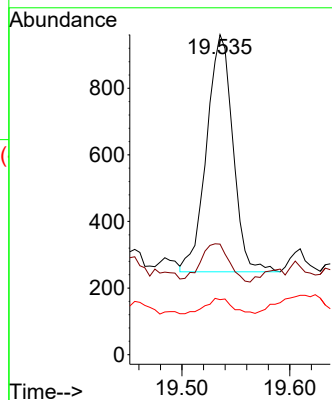
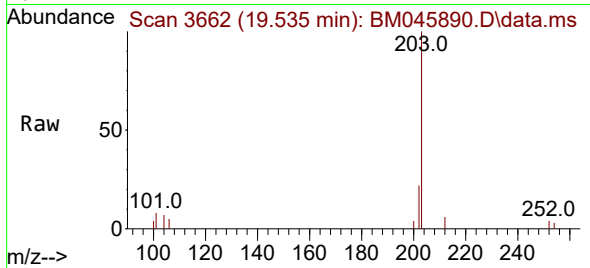




#20
Pyrene
Concen: 2.086 ng/ul
RT: 19.535 min Scan# 3
Delta R.T. 0.251 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

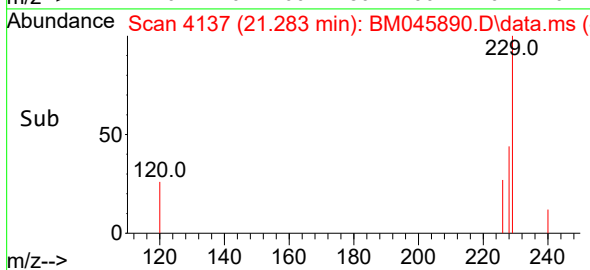
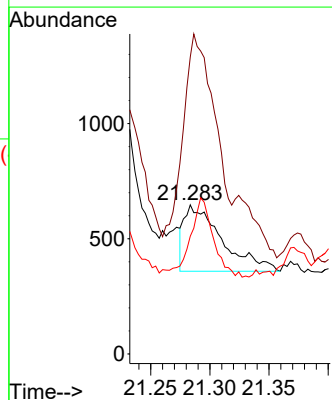
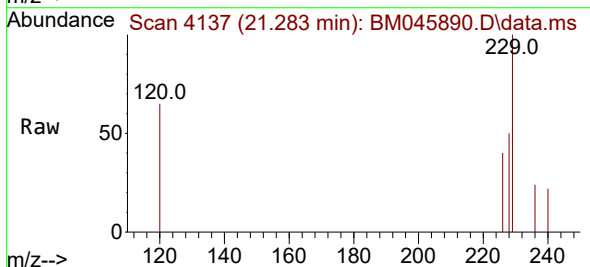
Instrument :
BNA_M
ClientSampleId :
A4C29

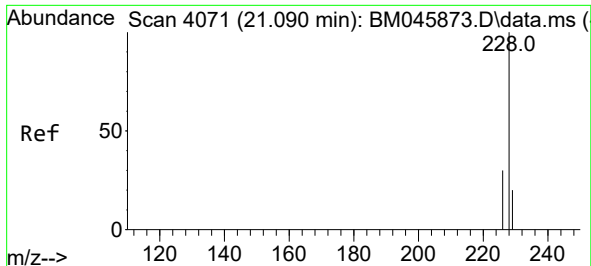
Tgt Ion:202 Resp: 1206
Ion Ratio Lower Upper
202 100
101 34.5 10.6 16.0#
100 17.2 9.1 13.7#



#21
Benzo(a)anthracene
Concen: 1.239 ng/ul
RT: 21.283 min Scan# 4137
Delta R.T. 0.248 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:228 Resp: 632
Ion Ratio Lower Upper
228 100
229 199.2 15.7 23.5#
226 79.0 22.0 33.0#





#22

Chrysene

Concen: 0.067 ng/ul

RT: 21.368 min Scan# 4166

Delta R.T. 0.280 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

Instrument :

BNA_M

ClientSampleId :

A4C29

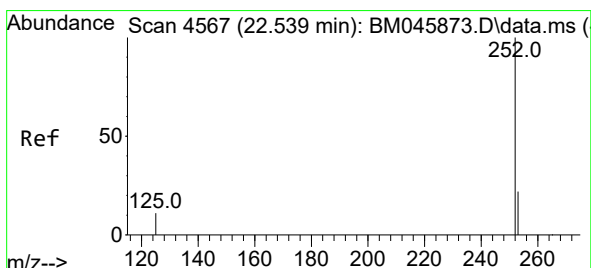
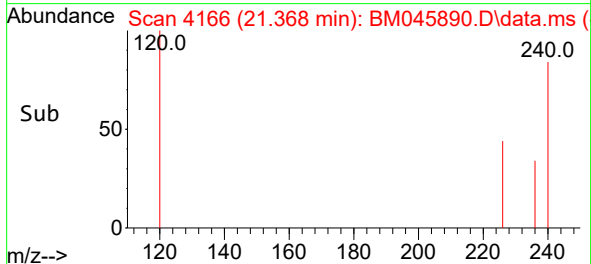
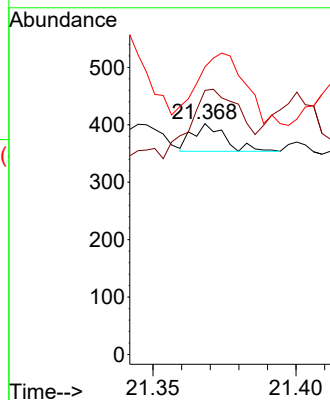
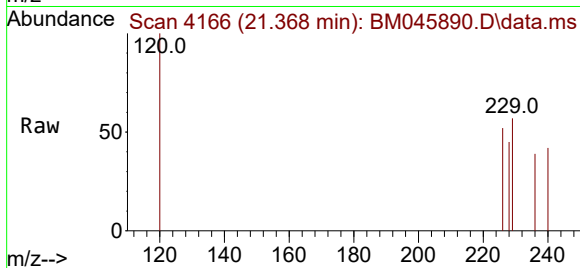
Tgt Ion:228 Resp: 37

Ion Ratio Lower Upper

228 100

226 114.4 24.5 36.7#

229 124.6 16.2 24.2#



#24

Benzo(b)fluoranthene

Concen: 7.010 ng/ul

RT: 22.692 min Scan# 4619

Delta R.T. 0.155 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

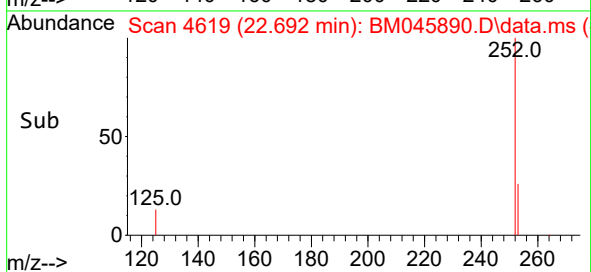
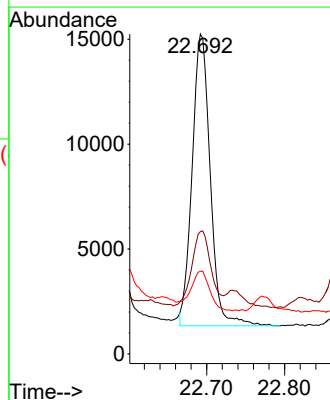
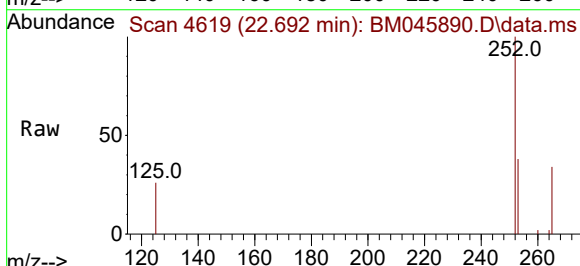
Tgt Ion:252 Resp: 22459

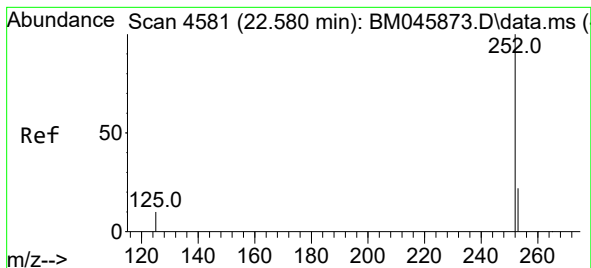
Ion Ratio Lower Upper

252 100

253 38.3 0.0 63.6

125 25.8 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 30.743 ng/ul

RT: 22.978 min Scan# 41

Delta R.T. 0.398 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

Instrument :

BNA_M

ClientSampleId :

A4C29

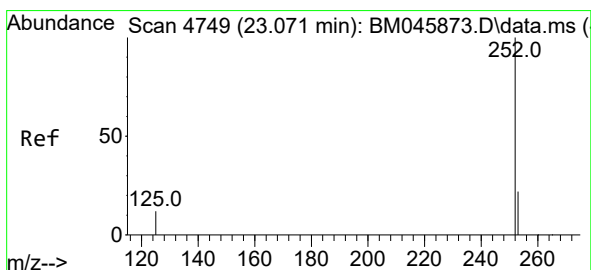
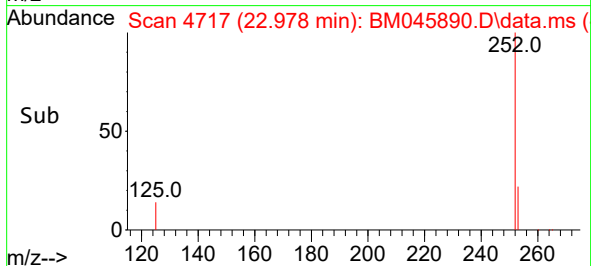
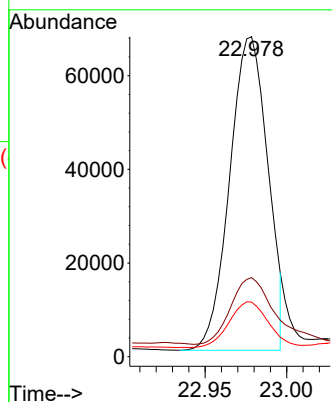
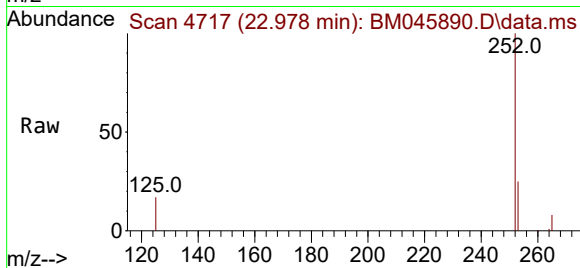
Tgt Ion:252 Resp: 108245

Ion Ratio Lower Upper

252 100

253 24.7 25.0 37.6#

125 17.0 14.2 21.2



#26

Benzo(a)pyrene

Concen: 0.296 ng/ul

RT: 23.297 min Scan# 4826

Delta R.T. 0.225 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

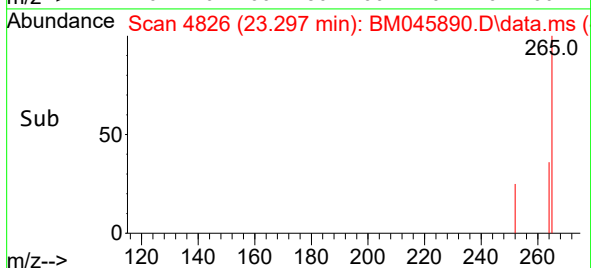
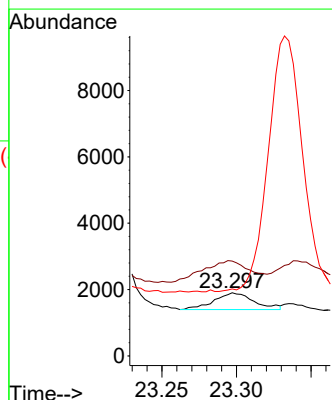
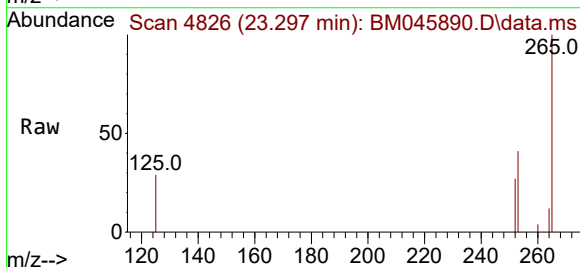
Tgt Ion:252 Resp: 942

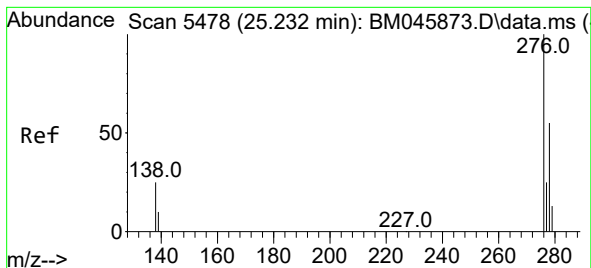
Ion Ratio Lower Upper

252 100

253 150.0 28.8 43.2#

125 106.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.915 ng/ul

RT: 25.548 min Scan# 5

Delta R.T. 0.316 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

Instrument :

BNA_M

ClientSampleId :

A4C29

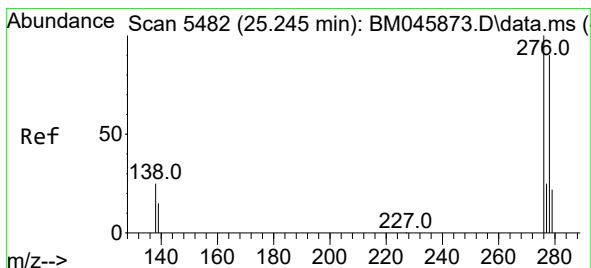
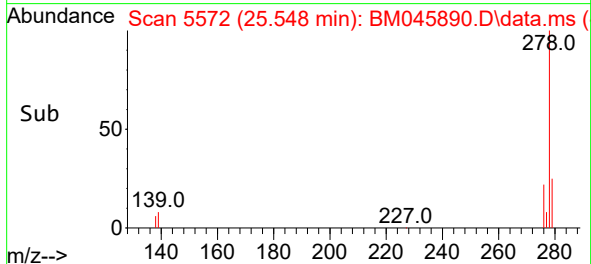
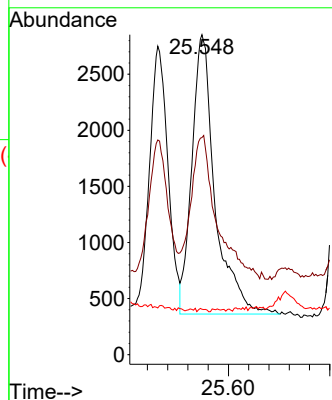
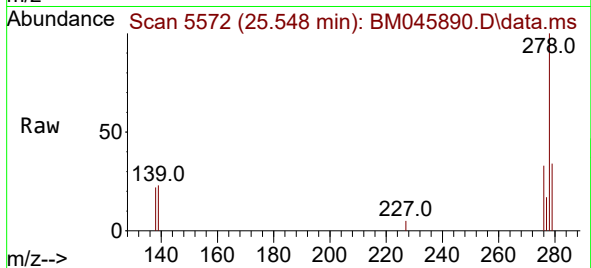
Tgt Ion:276 Resp: 7890

Ion Ratio Lower Upper

276 100

138 56.2 20.7 31.1#

227 0.3 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 8.120 ng/ul

RT: 25.548 min Scan# 5572

Delta R.T. 0.299 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

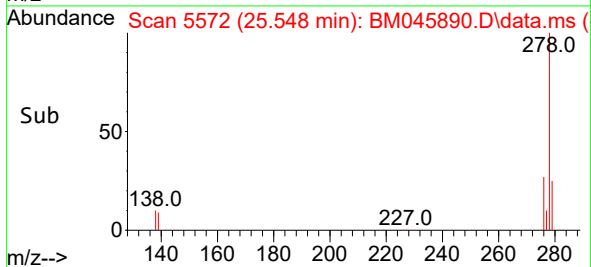
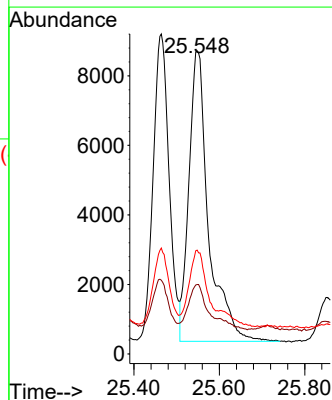
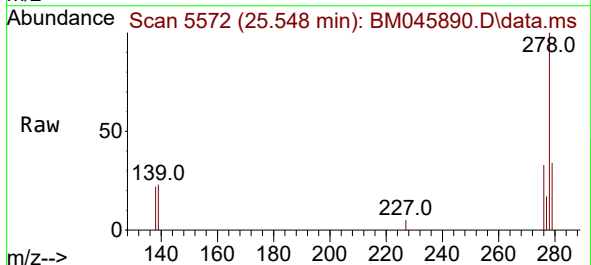
Tgt Ion:278 Resp: 26745

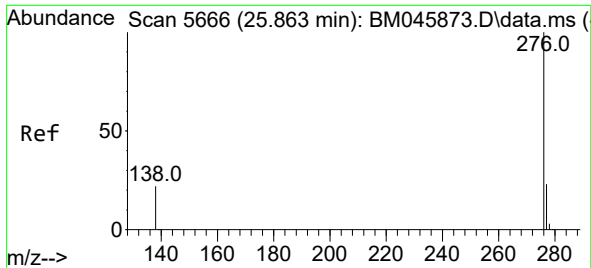
Ion Ratio Lower Upper

278 100

139 22.9 16.6 25.0

279 34.3 24.6 37.0





#29

Benzo(g,h,i)perylene

Concen: 5.238 ng/ul

RT: 26.185 min Scan# 51

Delta R.T. 0.322 min

Lab File: BM045890.D

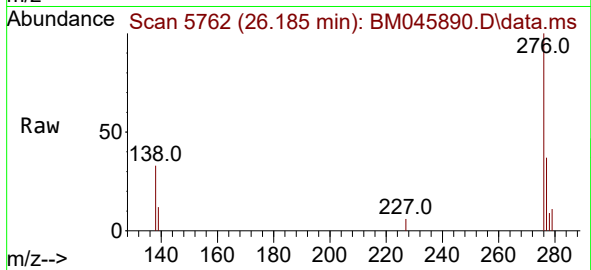
Acq: 07 Jun 2024 21:07

Instrument :

BNA_M

ClientSampleId :

A4C29



Tgt Ion:276 Resp: 18612

Ion Ratio Lower Upper

276 100

138 32.7 21.0 31.4#

277 37.0 20.5 30.7#

