

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046542.D
 Acq On : 12 Jul 2024 11:40
 Operator : MA/JU
 Sample : P3035-05DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP0DL

Quant Time: Jul 12 12:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

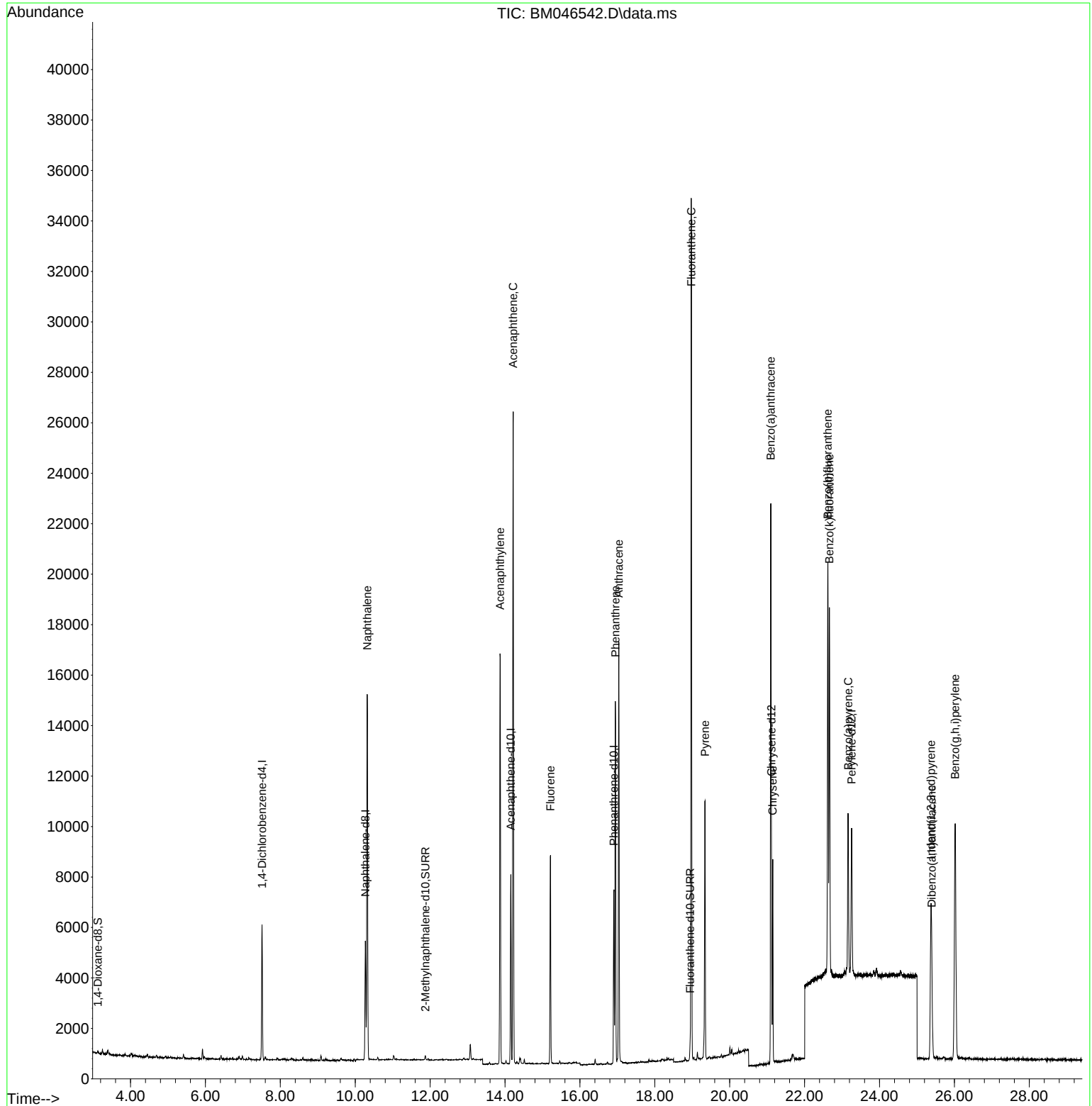
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2527	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	6378	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	4022	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	8480	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	6606	0.400	ng/ul	0.00
23) Perylene-d12	23.256	264	7317	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	71	0.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	213	0.021	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	738	0.037	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.319	128	19460	1.199	ng/ul	96
10) Acenaphthylene	13.867	152	18168	0.992	ng/ul	97
11) Acenaphthene	14.219	153	14704	1.199	ng/ul	96
12) Fluorene	15.213	166	5255	0.346	ng/ul	98
15) Phenanthrene	16.946	178	14557	0.602	ng/ul	98
16) Anthracene	17.039	178	17206	0.729	ng/ul	98
19) Fluoranthene	18.973	202	30225	1.114	ng/ul	99
20) Pyrene	19.340	202	9495	0.323	ng/ul	99
21) Benzo(a)anthracene	21.097	228	17010	0.582	ng/ul	99
22) Chrysene	21.149	228	6176	0.218	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	20065	0.687	ng/ul	95
25) Benzo(k)fluoranthene	22.663	252	18124	0.632	ng/ul	95
26) Benzo(a)pyrene	23.163	252	9179	0.382	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.377	276	10902	0.298	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.397	278	2979	0.103	ng/ul#	79
29) Benzo(g,h,i)perylene	26.021	276	19442	0.666	ng/ul	98

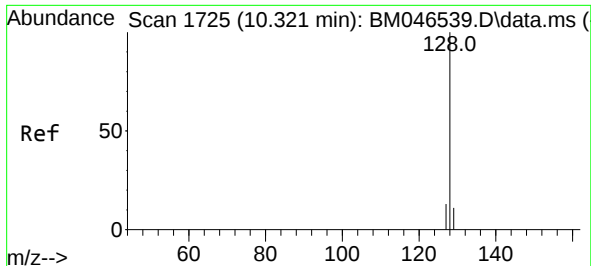
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 12:18:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

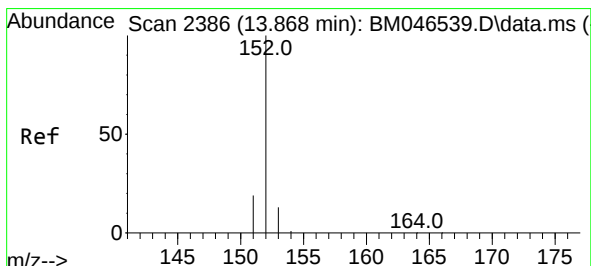
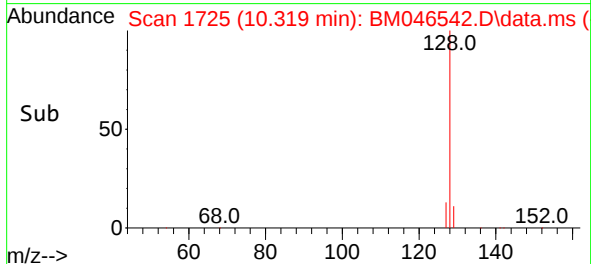
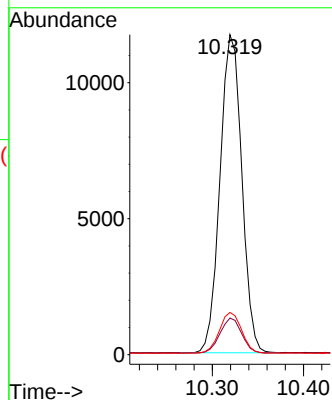
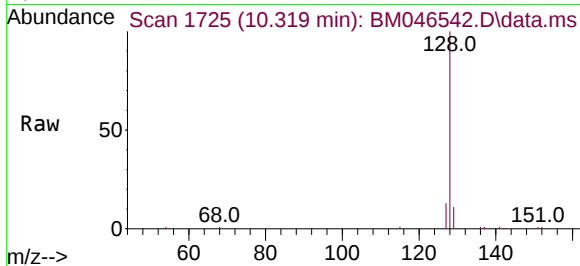




#5
Naphthalene
Concen: 1.199 ng/ul
RT: 10.319 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

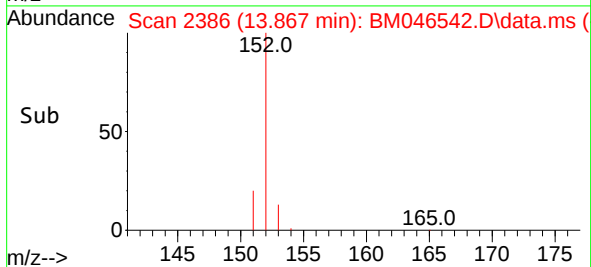
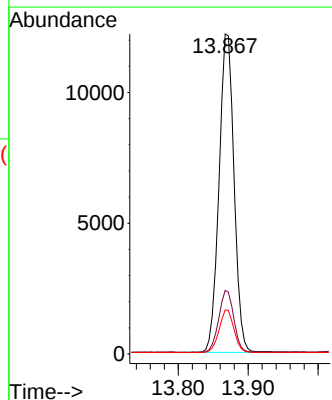
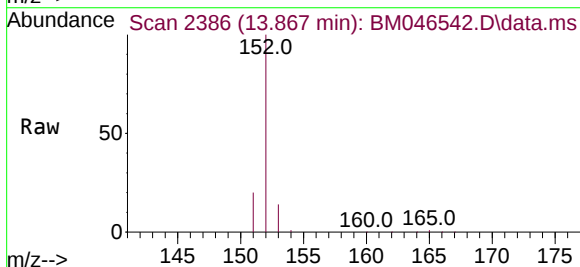
Instrument :
BNA_M
ClientSampleId :
A4DP0DL

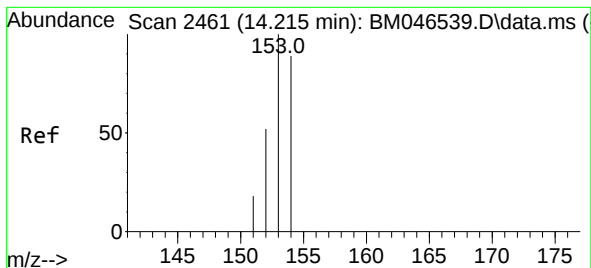
Tgt Ion:	128	Resp:	19460
Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.3	15.5
127	13.2	12.2	18.4



#10
Acenaphthylene
Concen: 0.992 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. -0.004 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Tgt Ion:	152	Resp:	18168
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.7	12.4	18.6





#11

Acenaphthene

Concen: 1.199 ng/ul

RT: 14.219 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

Instrument :

BNA_M

ClientSampleId :

A4DP0DL

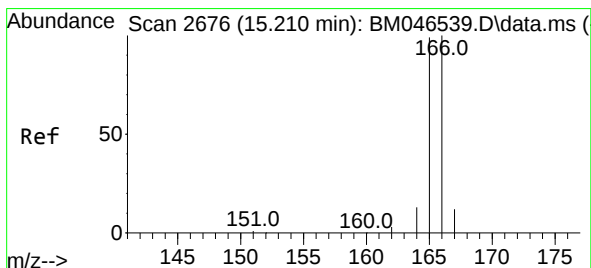
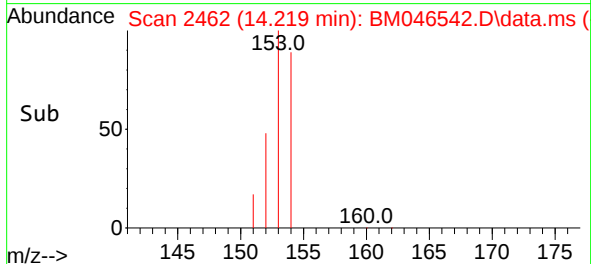
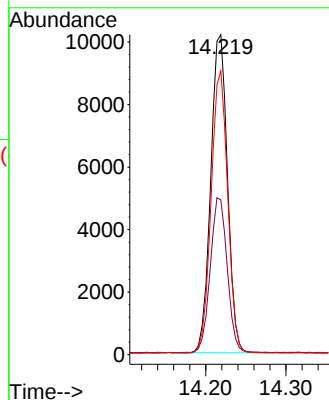
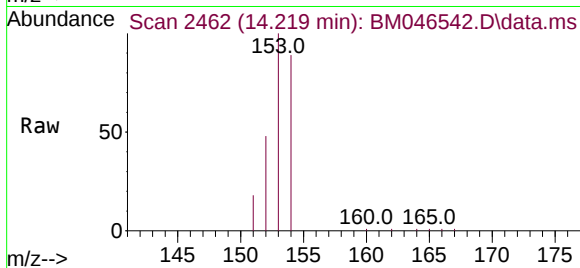
Tgt Ion:153 Resp: 14704

Ion Ratio Lower Upper

153 100

152 48.4 43.0 64.6

154 88.7 69.9 104.9



#12

Fluorene

Concen: 0.346 ng/ul

RT: 15.213 min Scan# 2677

Delta R.T. 0.000 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

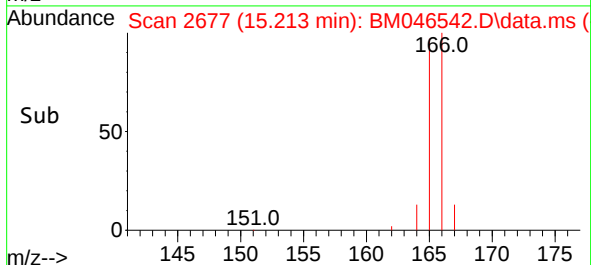
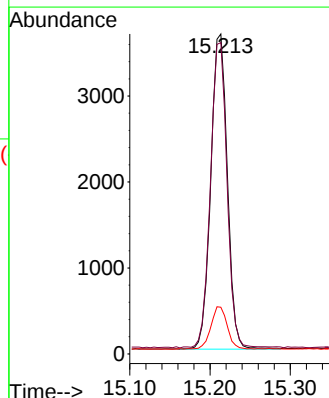
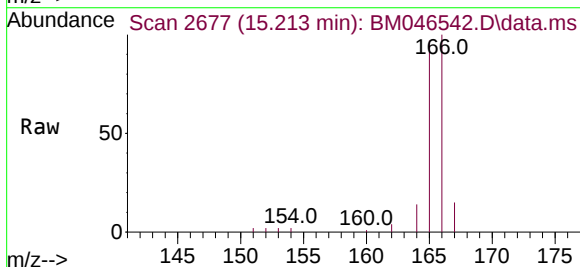
Tgt Ion:166 Resp: 5255

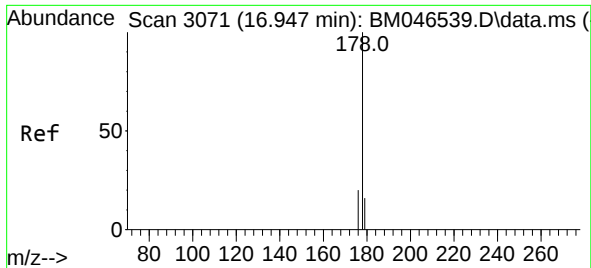
Ion Ratio Lower Upper

166 100

165 97.3 76.1 114.1

167 14.6 12.5 18.7

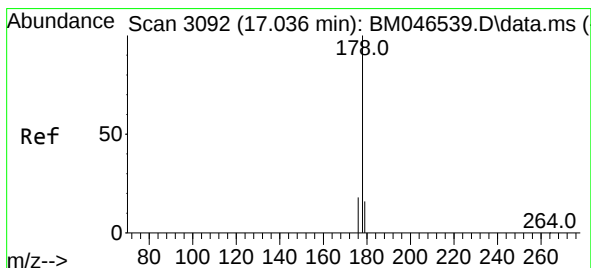
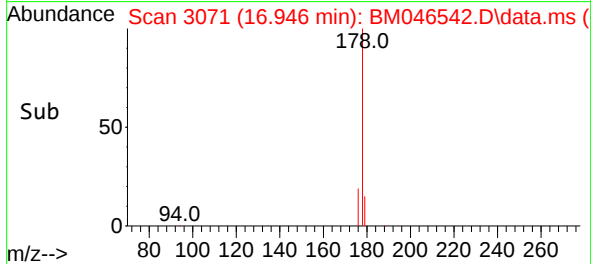
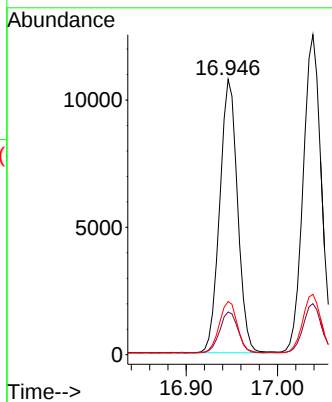
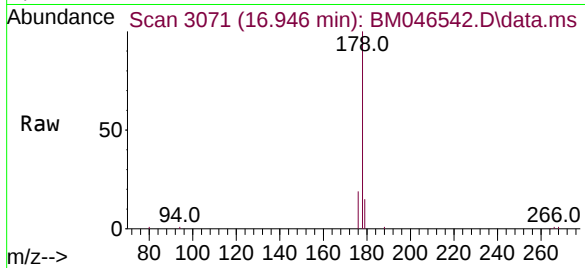




#15
Phenanthrene
Concen: 0.602 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

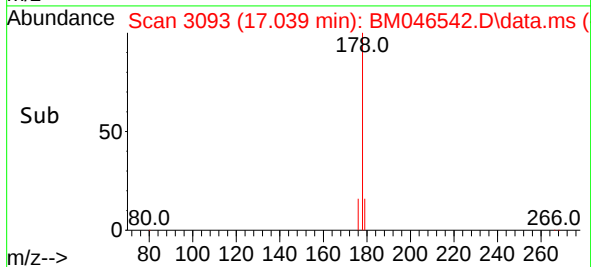
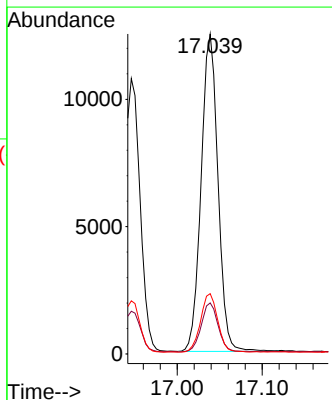
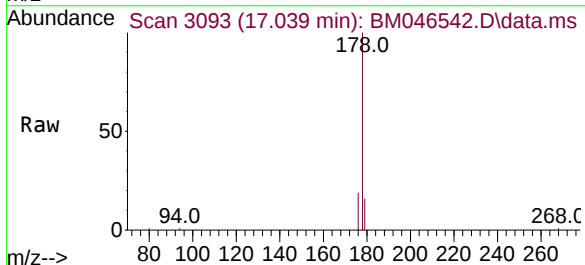
Instrument :
BNA_M
ClientSampleId :
A4DP0DL

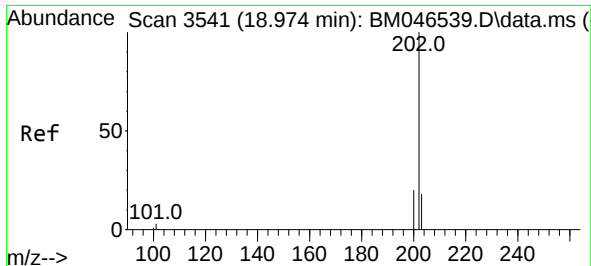
Tgt Ion:178 Resp: 14557
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.729 ng/ul
RT: 17.039 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Tgt Ion:178 Resp: 17206
Ion Ratio Lower Upper
178 100
179 16.0 13.5 20.3
176 18.8 15.7 23.5

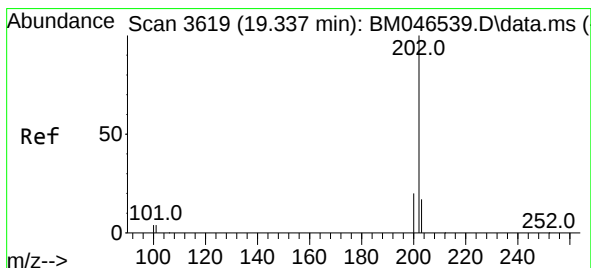
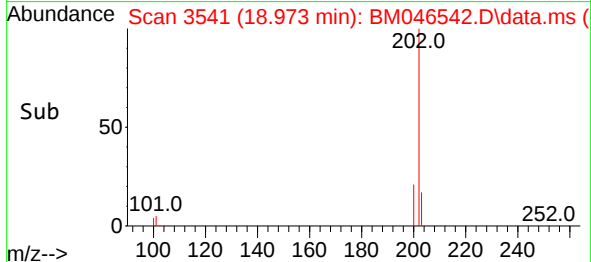
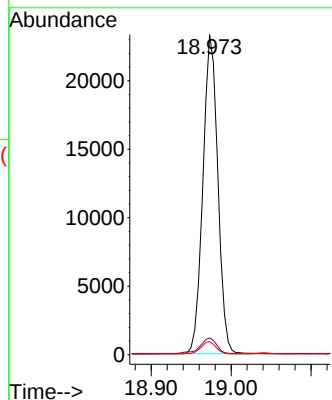
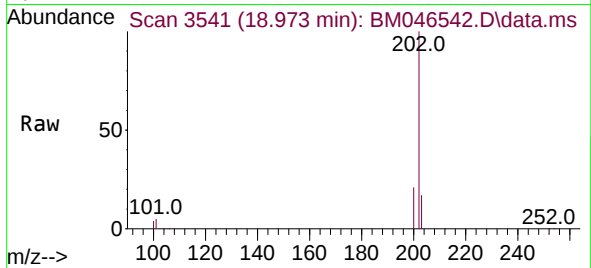




#19
Fluoranthene
Concen: 1.114 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. -0.004 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

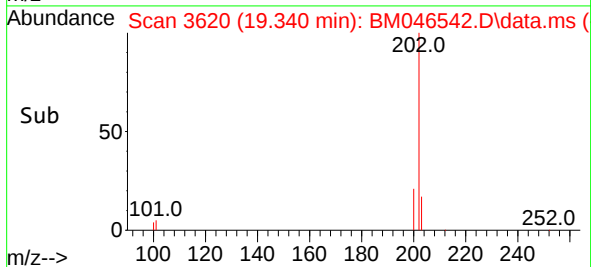
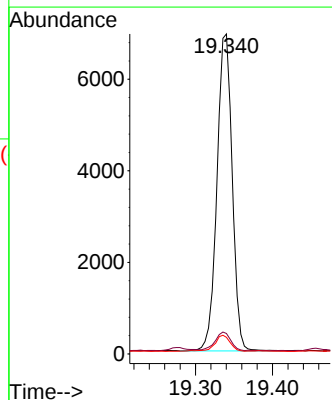
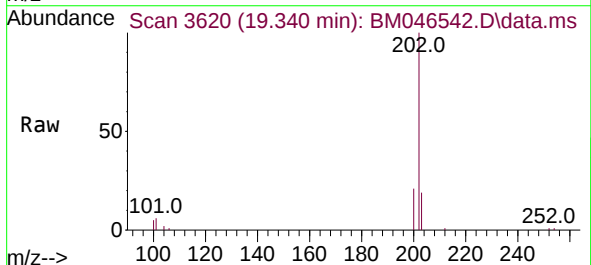
Instrument :
BNA_M
ClientSampleId :
A4DP0DL

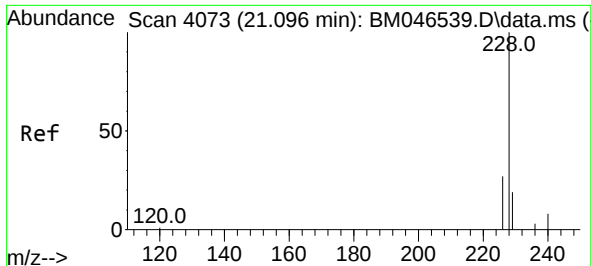
Tgt Ion:202 Resp: 30225
Ion Ratio Lower Upper
202 100
101 5.3 4.6 6.8
100 4.1 3.0 4.6



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.340 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Tgt Ion:202 Resp: 9495
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.2 3.8 5.6

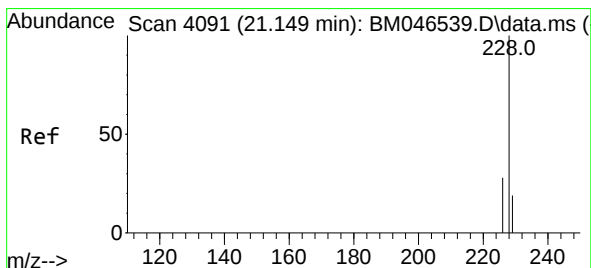
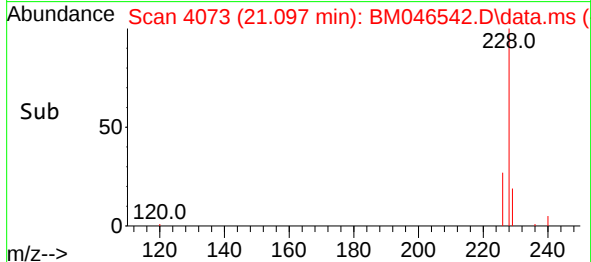
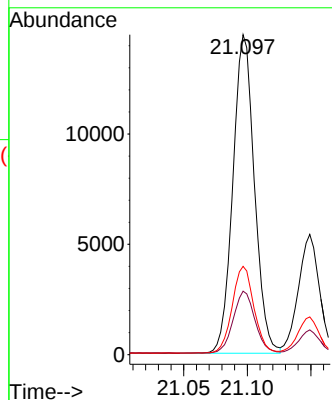
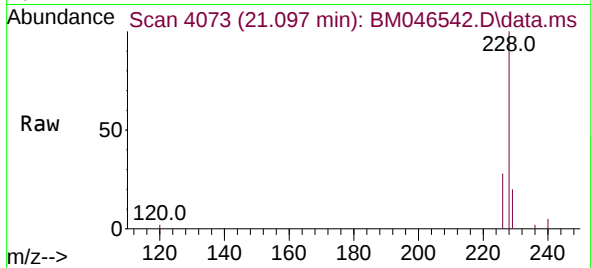




#21
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.097 min Scan# 4073
Delta R.T. 0.000 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

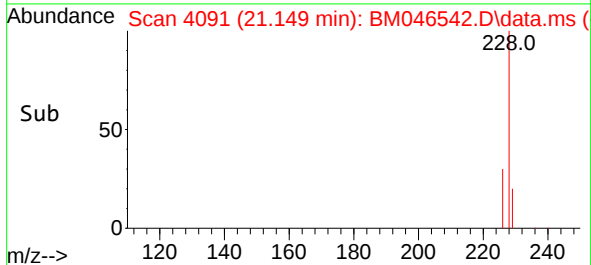
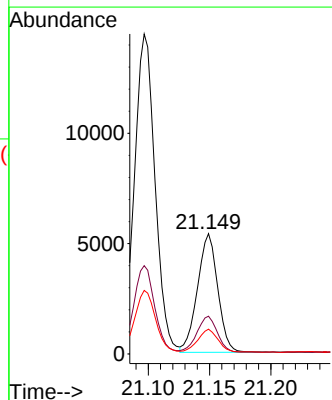
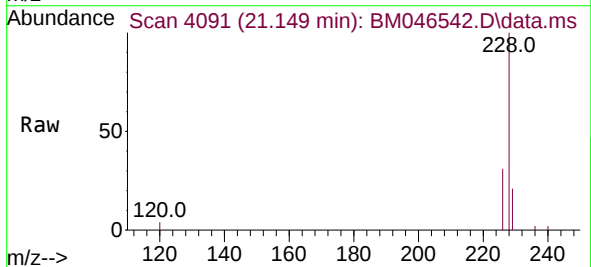
Instrument :
BNA_M
ClientSampleId :
A4DP0DL

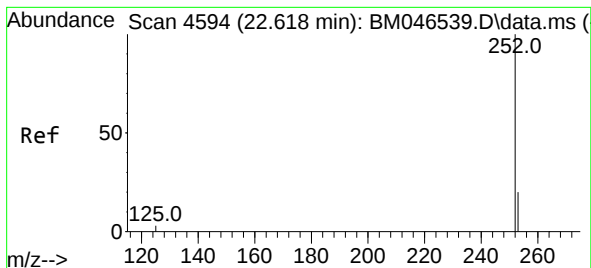
Tgt Ion:228 Resp: 17010
Ion Ratio Lower Upper
228 100
229 19.9 16.5 24.7
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.218 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. 0.000 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Tgt Ion:228 Resp: 6176
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 20.6 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.687 ng/ul

RT: 22.619 min Scan# 4594

Delta R.T. -0.003 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

Instrument :

BNA_M

ClientSampleId :

A4DP0DL

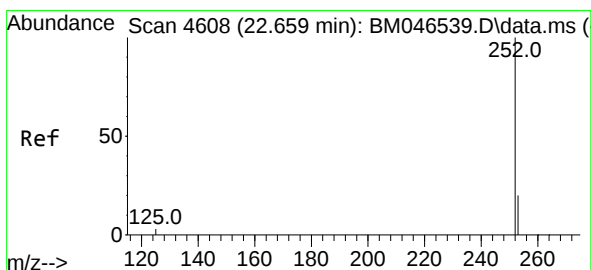
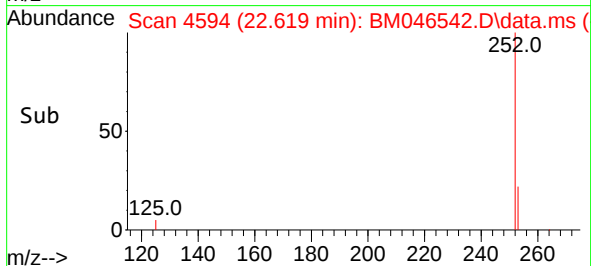
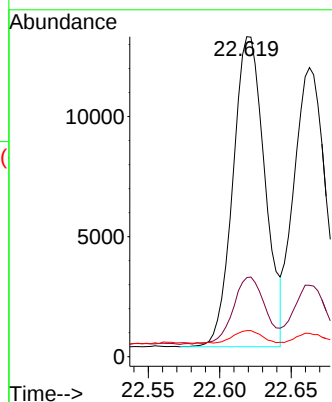
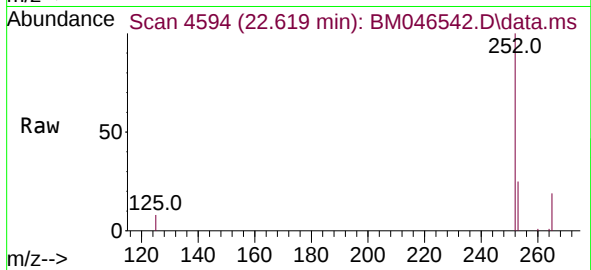
Tgt Ion:252 Resp: 20065

Ion Ratio Lower Upper

252 100

253 24.7 0.0 56.2

125 8.2 0.0 17.8



#25

Benzo(k)fluoranthene

Concen: 0.632 ng/ul

RT: 22.663 min Scan# 4609

Delta R.T. 0.000 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

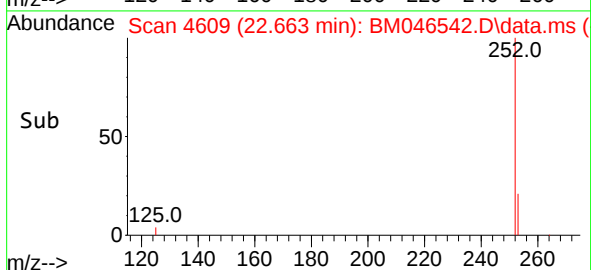
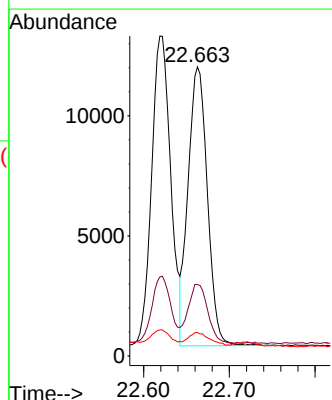
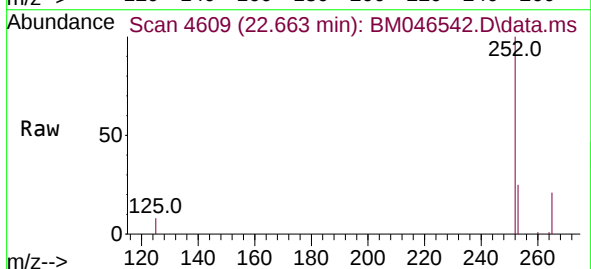
Tgt Ion:252 Resp: 18124

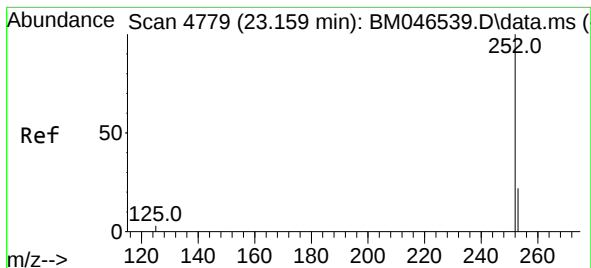
Ion Ratio Lower Upper

252 100

253 24.7 22.4 33.6

125 8.1 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.163 min Scan# 4779

Delta R.T. 0.000 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

Instrument :

BNA_M

ClientSampleId :

A4DP0DL

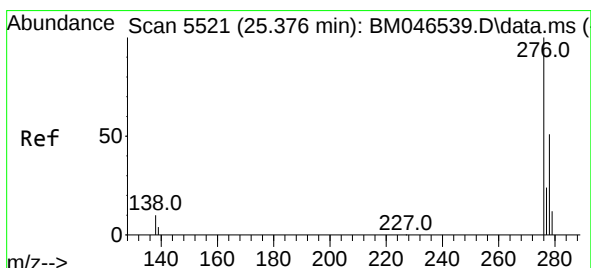
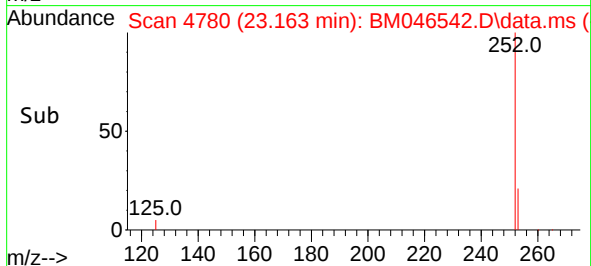
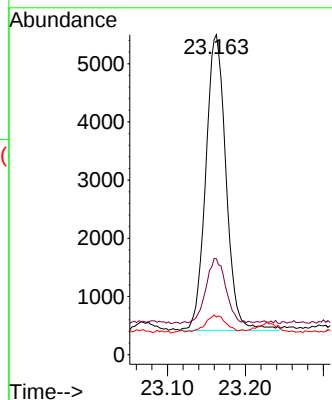
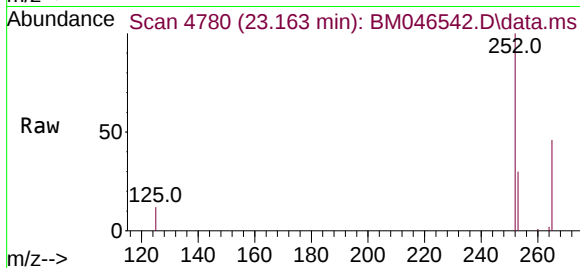
Tgt Ion:252 Resp: 9179

Ion Ratio Lower Upper

252 100

253 29.9 24.0 36.0

125 11.8 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng/ul

RT: 25.377 min Scan# 5521

Delta R.T. -0.007 min

Lab File: BM046542.D

Acq: 12 Jul 2024 11:40

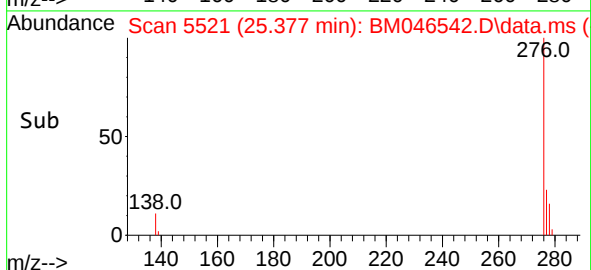
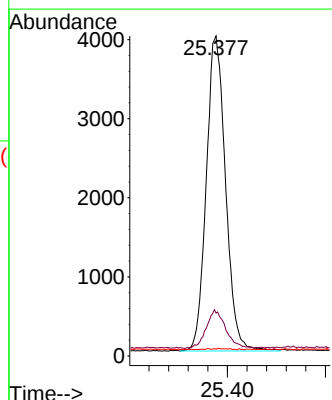
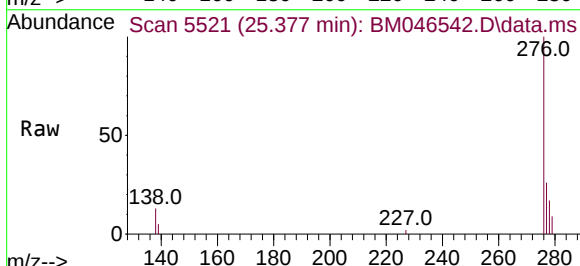
Tgt Ion:276 Resp: 10902

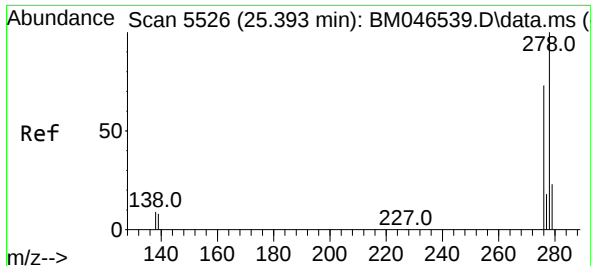
Ion Ratio Lower Upper

276 100

138 12.5 0.0 0.0#

227 0.2 0.2 0.2

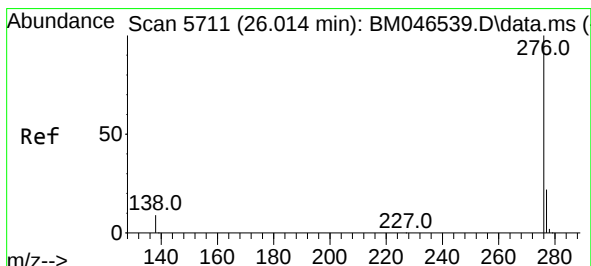
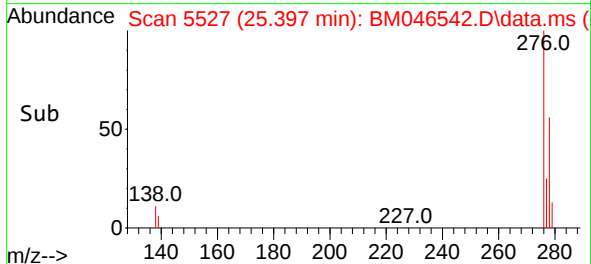
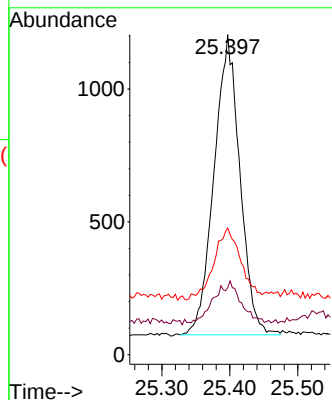
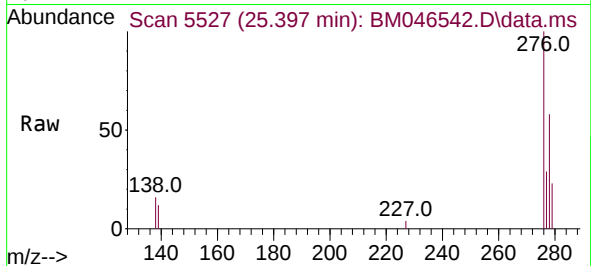




#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.397 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Instrument :
BNA_M
ClientSampleId :
A4DP0DL

Tgt Ion:278 Resp: 2979
Ion Ratio Lower Upper
278 100
139 20.9 9.1 13.7#
279 39.6 23.2 34.8#



#29
Benzo(g,h,i)perylene
Concen: 0.666 ng/ul
RT: 26.021 min Scan# 5713
Delta R.T. 0.000 min
Lab File: BM046542.D
Acq: 12 Jul 2024 11:40

Tgt Ion:276 Resp: 19442
Ion Ratio Lower Upper
276 100
138 13.0 10.2 15.4
277 24.8 20.9 31.3

