

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045595.D
 Acq On : 26 Apr 2024 19:39
 Operator : MA/JU
 Sample : P2203-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CW9

Quant Time: Apr 26 23:53:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

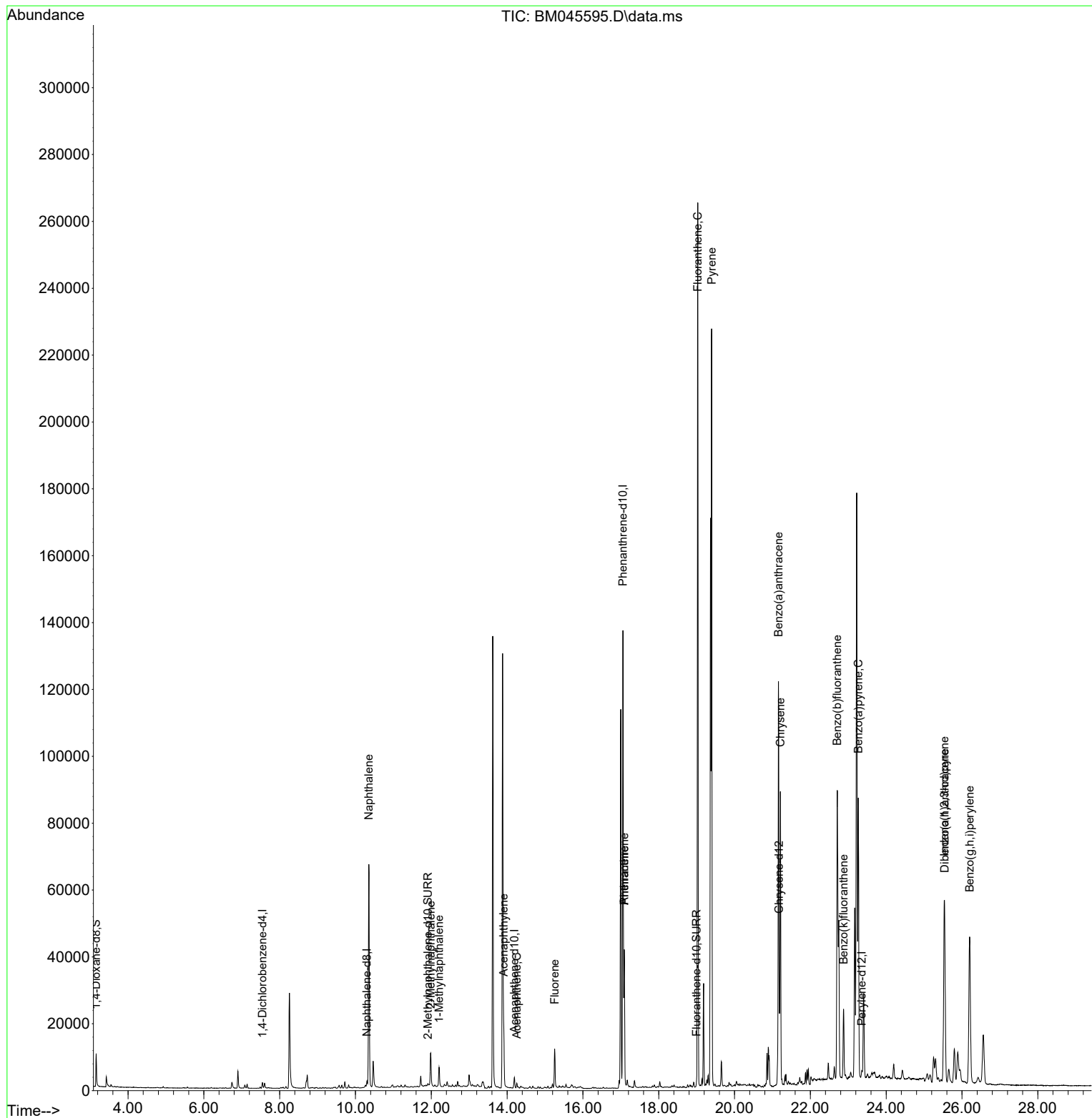
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1033	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2783	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.192	164	1487	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.057	188	155794	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.175	240	2209	0.400	ng/ul	#-0.02
23) Perylene-d12	23.358	264	2915	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6101	4.406	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1292	0.352	ng/ul	-0.02
18) Fluoranthene-d10	18.997	212	1740	0.250	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.352	128	92612	12.392	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	8104	1.899	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	4104	0.857	ng/ul	100
10) Acenaphthylene	13.910	152	20415	2.784	ng/ul#	94
11) Acenaphthene	14.257	153	986	0.181	ng/ul	98
12) Fluorene	15.256	166	7887	1.354	ng/ul	97
15) Phenanthrene	17.090	178	41610	0.092	ng/ul	93
16) Anthracene	17.090	178	41501	0.098	ng/ul#	91
19) Fluoranthene	19.030	202	220716	21.651	ng/ul#	89
20) Pyrene	19.397	202	189260	18.062	ng/ul#	90
21) Benzo(a)anthracene	21.160	228	93309	13.215	ng/ul#	87
22) Chrysene	21.210	228	79779	7.349	ng/ul	99
24) Benzo(b)fluoranthene	22.709	252	139210	14.197	ng/ul	85
25) Benzo(k)fluoranthene	22.875	252	27252	2.200	ng/ul	94
26) Benzo(a)pyrene	23.264	252	107413	10.562	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.534	276	89530	6.057	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.544	278	18627	1.589	ng/ul	97
29) Benzo(g,h,i)perylene	26.201	276	89950	6.773	ng/ul#	92

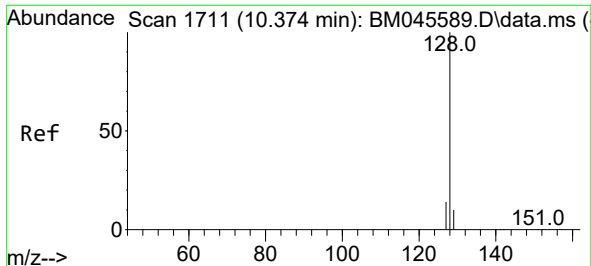
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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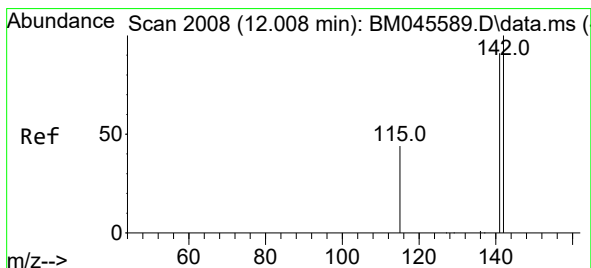
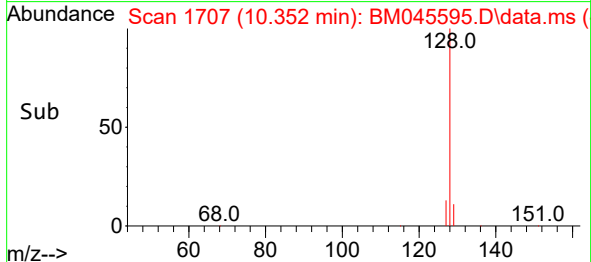
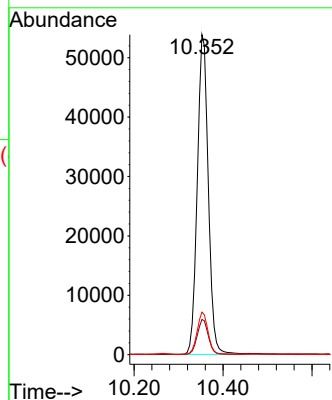
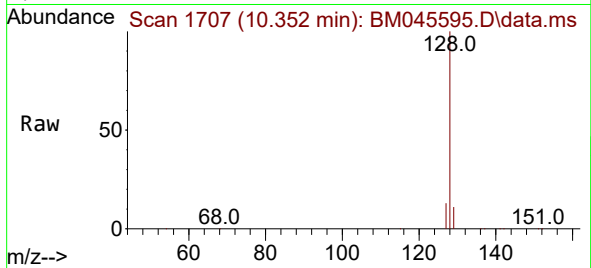




#5
Naphthalene
Concen: 12.392 ng/ul
RT: 10.352 min Scan# 11
Delta R.T. -0.027 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

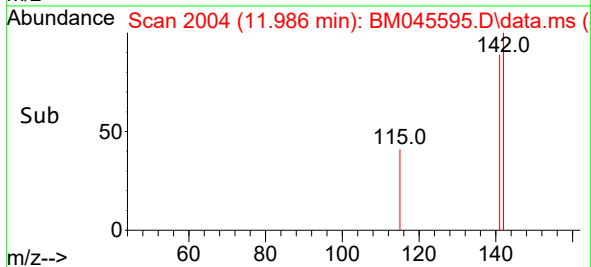
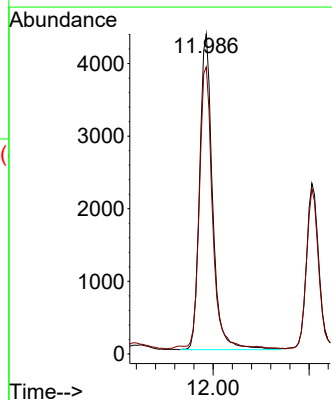
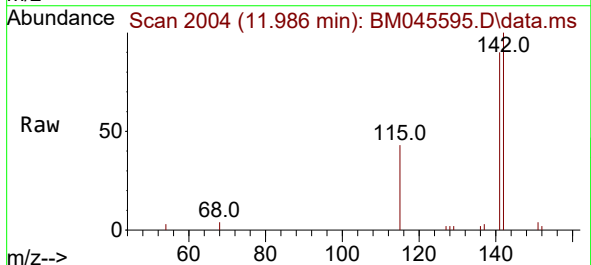
Instrument :
BNA_N
ClientSampleId :
E1CW9

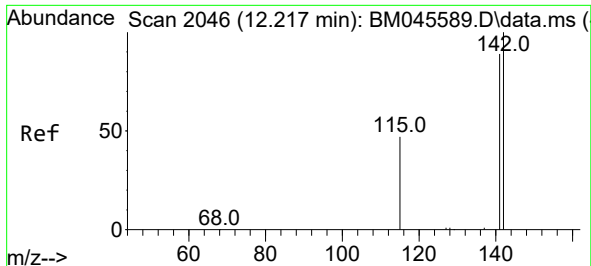
Tgt Ion:128 Resp: 92612
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0#
127 13.3 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 1.899 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:142 Resp: 8104
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8

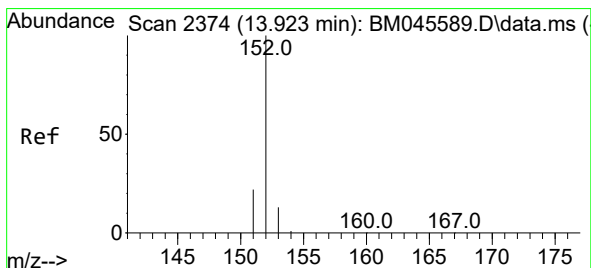
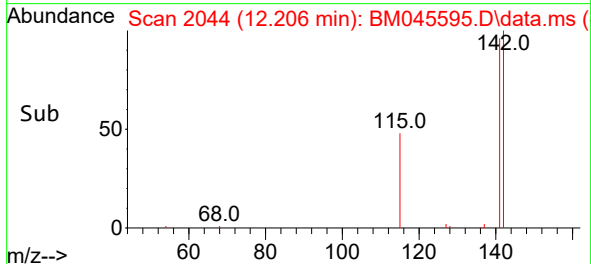
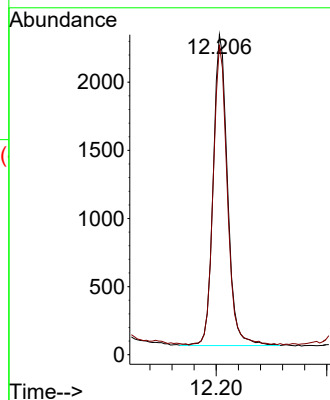
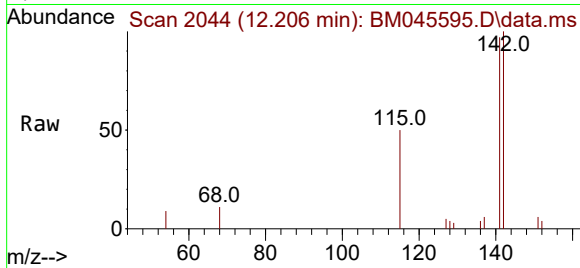




#8
1-Methylnaphthalene
Concen: 0.857 ng/ul
RT: 12.206 min Scan# 2046
Delta R.T. -0.016 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

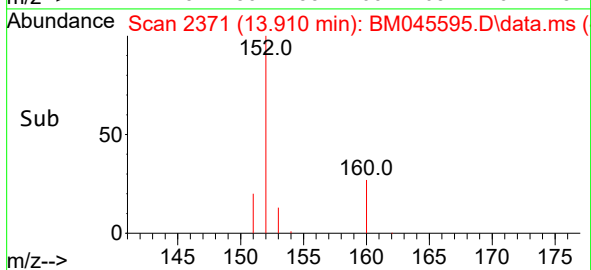
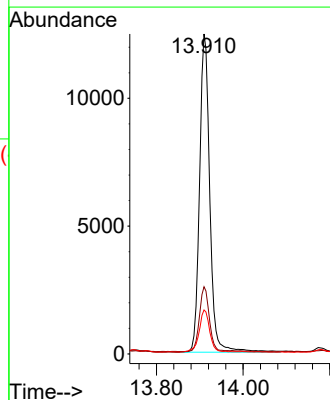
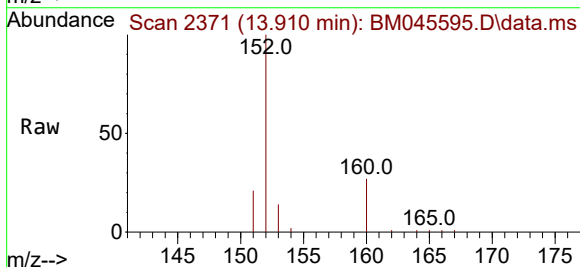
Instrument :
BNA_N
ClientSampleId :
E1CW9

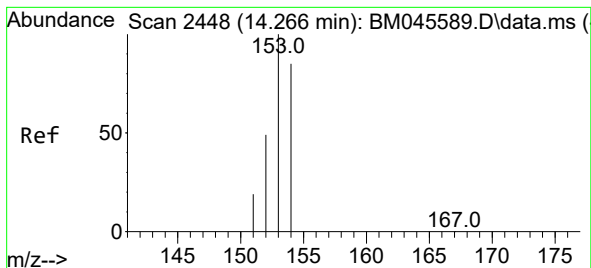
Tgt Ion:142 Resp: 4104
Ion Ratio Lower Upper
142 100
141 95.6 76.1 114.1



#10
Acenaphthylene
Concen: 2.784 ng/ul
RT: 13.910 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:152 Resp: 20415
Ion Ratio Lower Upper
152 100
151 21.0 18.6 28.0
153 13.7 14.1 21.1#





#11

Acenaphthene

Concen: 0.181 ng/ul

RT: 14.257 min Scan# 2446

Delta R.T. -0.013 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

Instrument :

BNA_N

ClientSampleId :

E1CW9

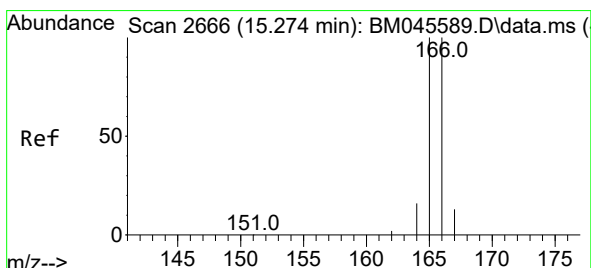
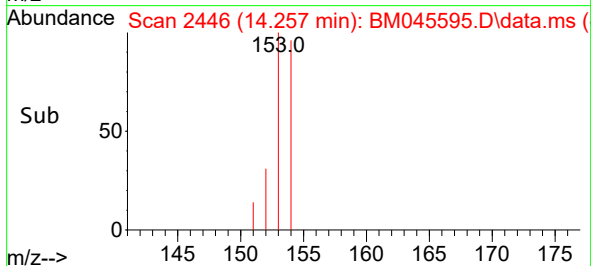
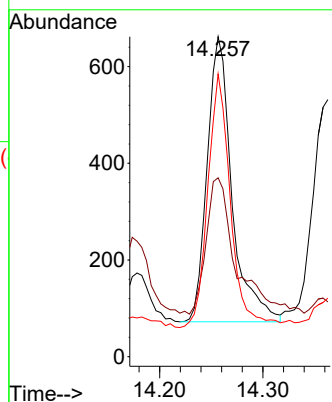
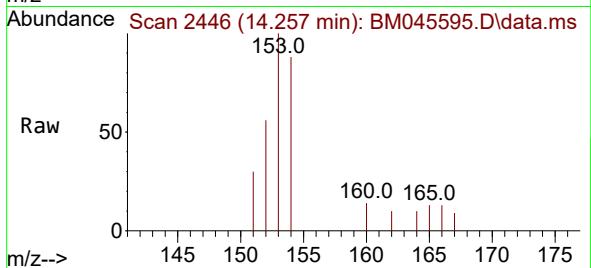
Tgt Ion:153 Resp: 986

Ion Ratio Lower Upper

153 100

152 55.9 43.4 65.2

154 88.4 69.0 103.6



#12

Fluorene

Concen: 1.354 ng/ul

RT: 15.256 min Scan# 2662

Delta R.T. -0.022 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

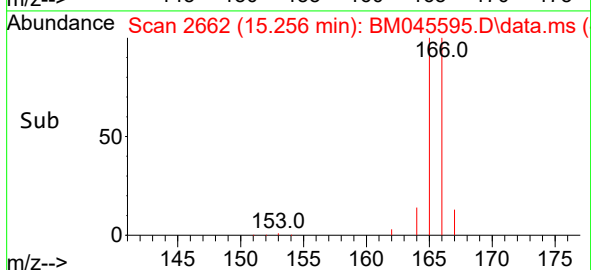
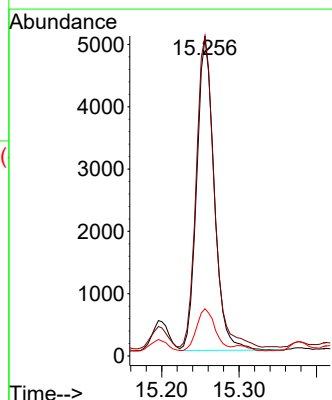
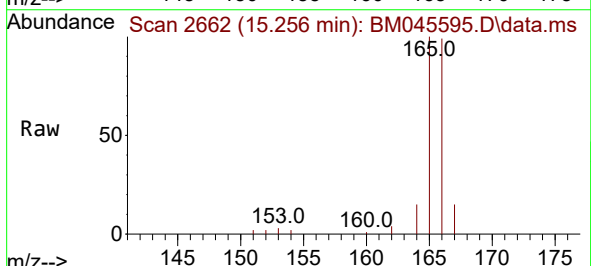
Tgt Ion:166 Resp: 7887

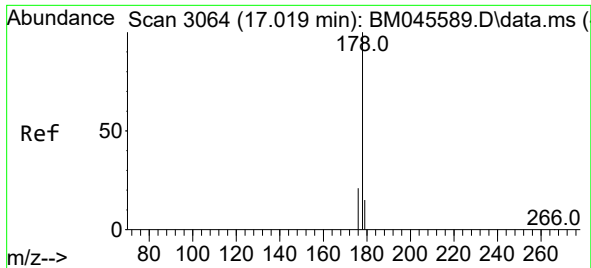
Ion Ratio Lower Upper

166 100

165 100.7 82.2 123.2

167 14.9 14.8 22.2

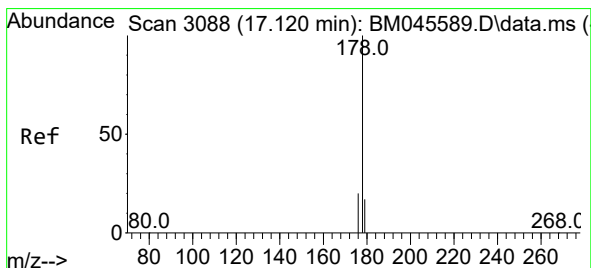
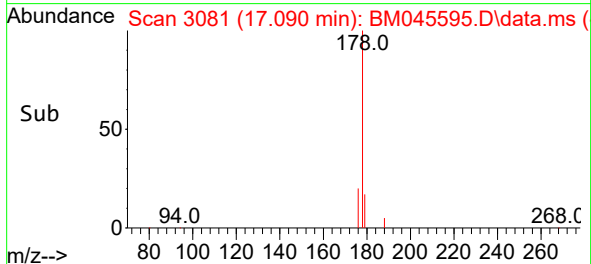
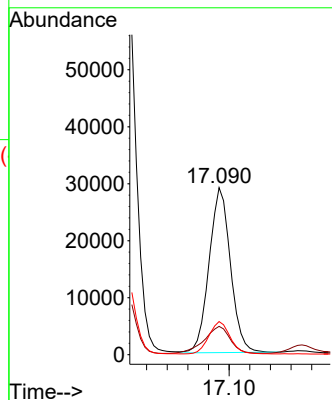
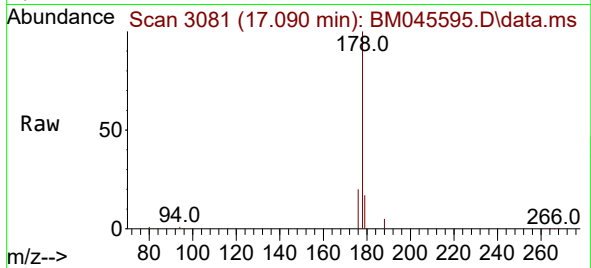




#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.090 min Scan# 3064
Delta R.T. 0.068 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

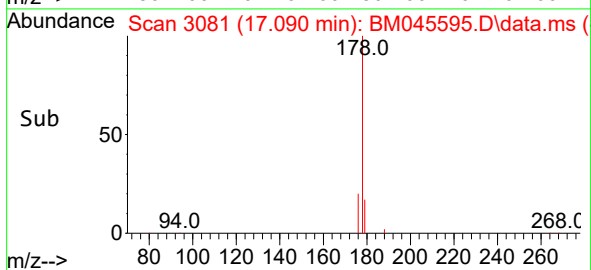
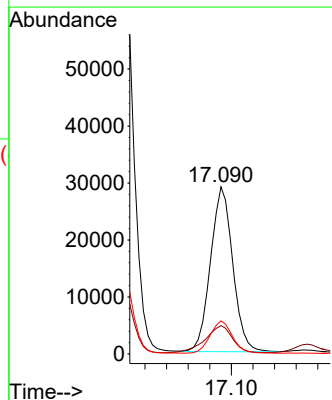
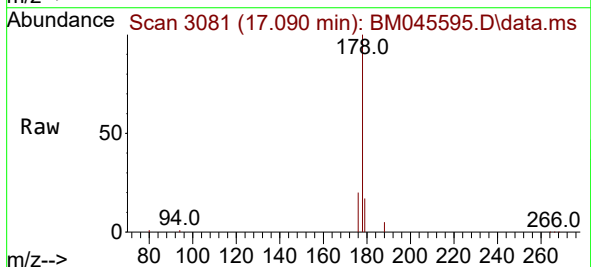
Instrument :
BNA_N
ClientSampleId :
E1CW9

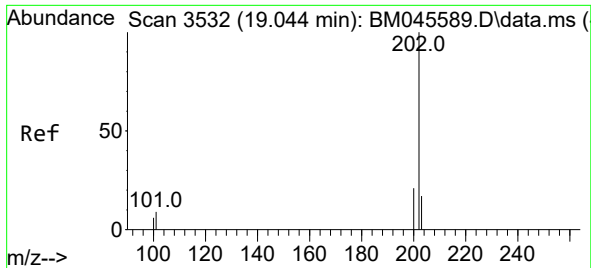
Tgt Ion:178 Resp: 41610
Ion Ratio Lower Upper
178 100
179 17.0 15.4 23.2
176 19.8 19.0 28.4



#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:178 Resp: 41501
Ion Ratio Lower Upper
178 100
179 17.0 17.8 26.6#
176 19.8 18.7 28.1

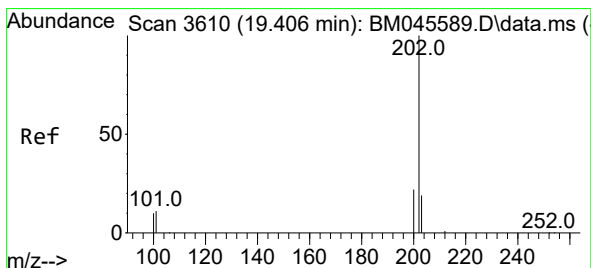
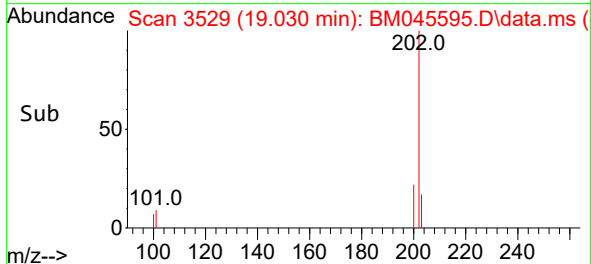
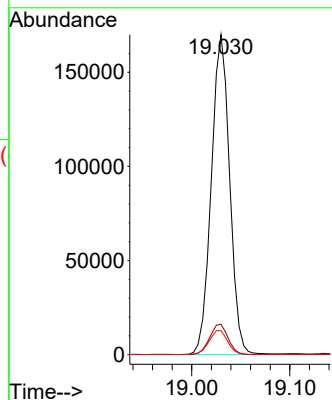
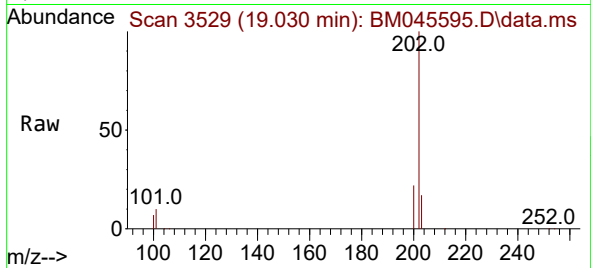




#19
Fluoranthene
Concen: 21.651 ng/ul
RT: 19.030 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

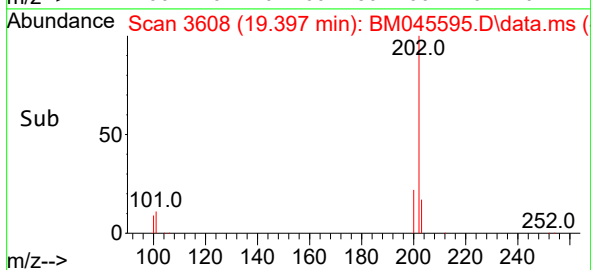
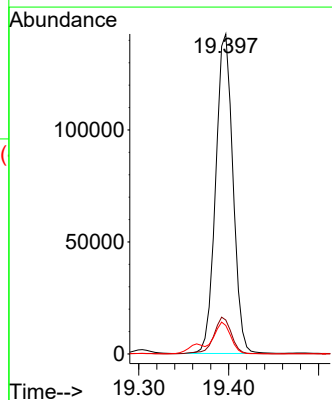
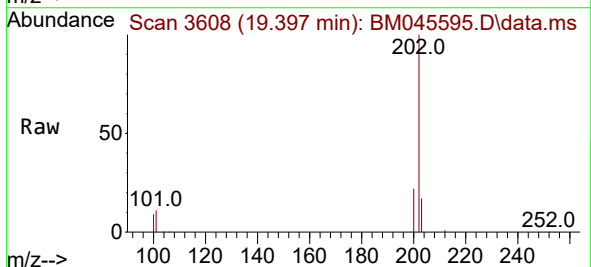
Instrument :
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ClientSampleId :
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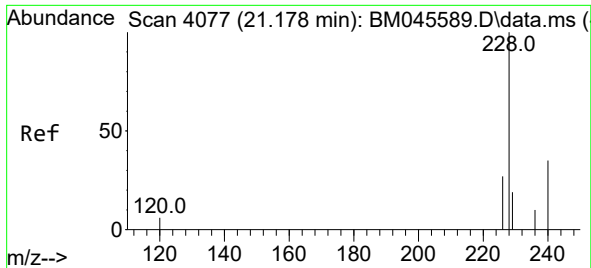
Tgt Ion:202 Resp: 220716
Ion Ratio Lower Upper
202 100
101 9.5 11.2 16.8#
100 7.5 9.1 13.7#



#20
Pyrene
Concen: 18.062 ng/ul
RT: 19.397 min Scan# 3608
Delta R.T. -0.018 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:202 Resp: 189260
Ion Ratio Lower Upper
202 100
101 10.6 11.5 17.3#
100 8.9 10.6 15.8#

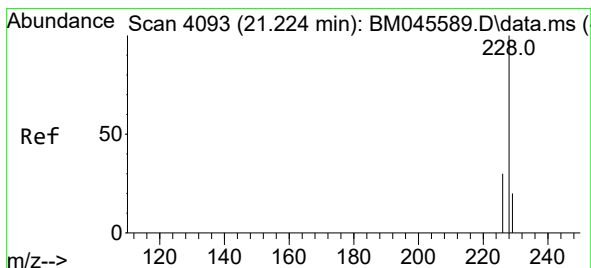
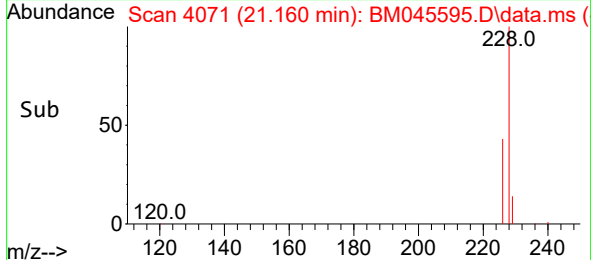
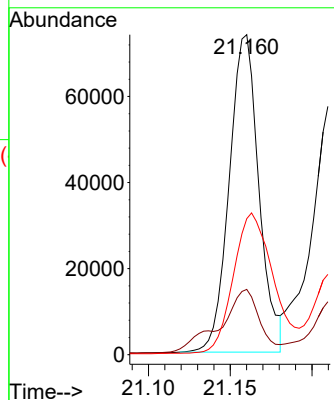
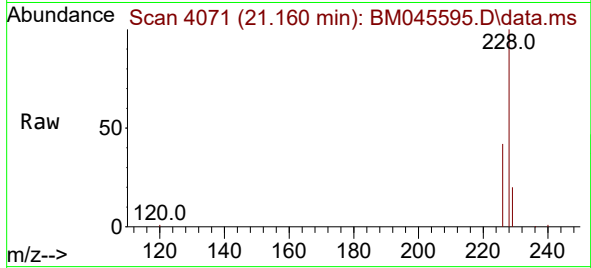




#21
Benzo(a)anthracene
Concen: 13.215 ng/ul
RT: 21.160 min Scan# 4077
Delta R.T. -0.021 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

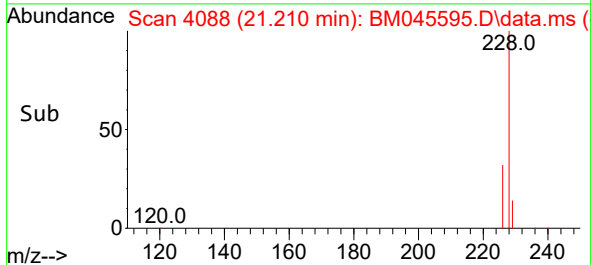
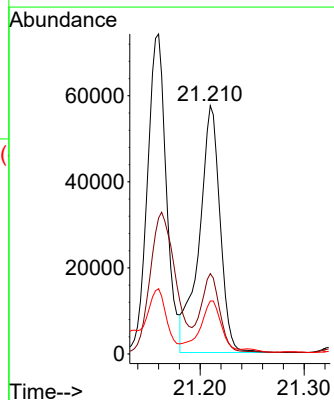
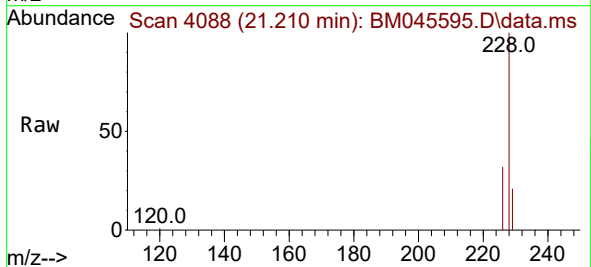
Instrument :
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ClientSampleId :
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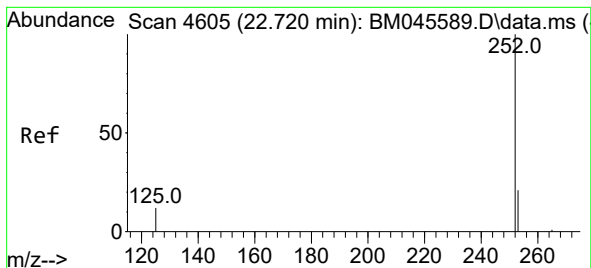
Tgt Ion:228 Resp: 93309
Ion Ratio Lower Upper
228 100
229 20.4 19.4 29.2
226 42.5 26.3 39.5#



#22
Chrysene
Concen: 7.349 ng/ul
RT: 21.210 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:228 Resp: 79779
Ion Ratio Lower Upper
228 100
226 32.3 26.3 39.5
229 21.3 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 14.197 ng/ul

RT: 22.709 min Scan# 4601

Delta R.T. -0.021 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

Instrument :

BNA_N

ClientSampleId :

E1CW9

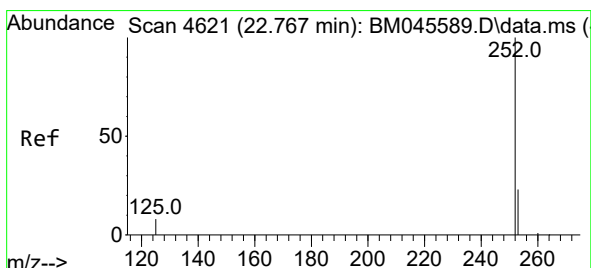
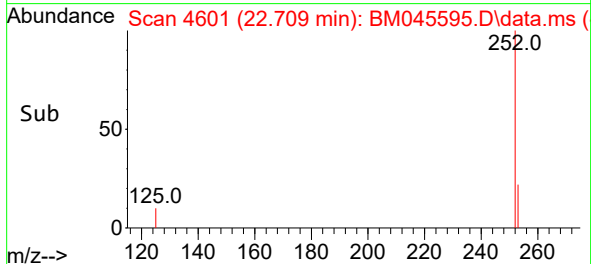
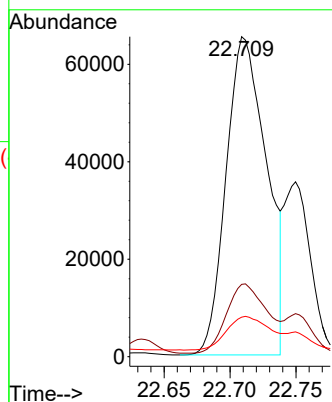
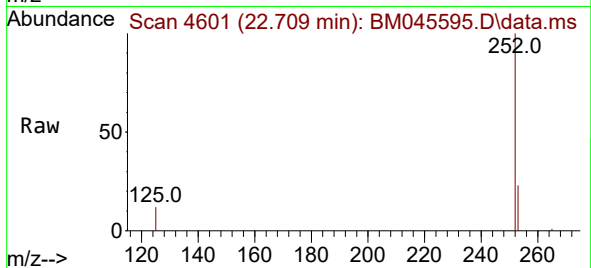
Tgt Ion:252 Resp: 139210

Ion Ratio Lower Upper

252 100

253 22.6 0.0 63.4

125 12.3 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 2.200 ng/ul

RT: 22.875 min Scan# 4658

Delta R.T. 0.104 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

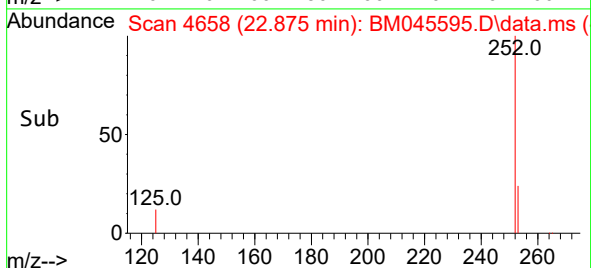
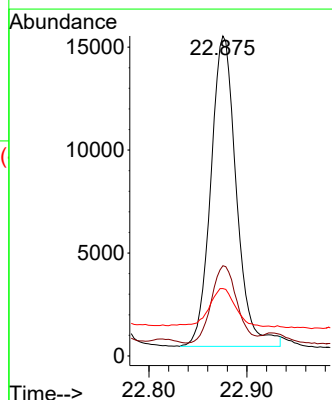
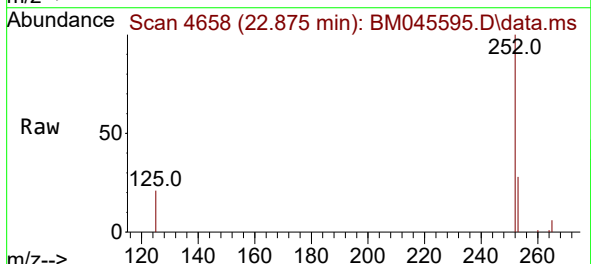
Tgt Ion:252 Resp: 27252

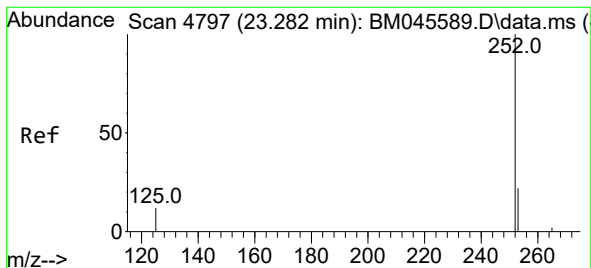
Ion Ratio Lower Upper

252 100

253 28.2 25.4 38.0

125 21.0 14.8 22.2





#26

Benzo(a)pyrene

Concen: 10.562 ng/ul

RT: 23.264 min Scan# 41

Delta R.T. -0.027 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

Instrument :

BNA_N

ClientSampleId :

E1CW9

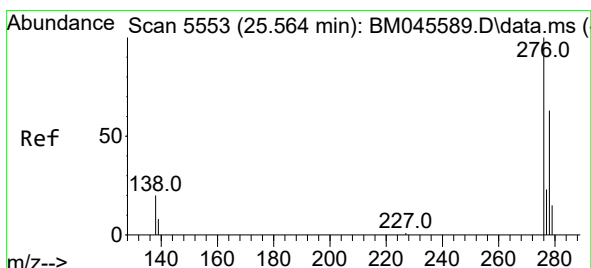
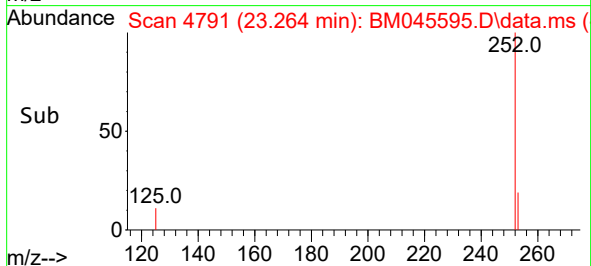
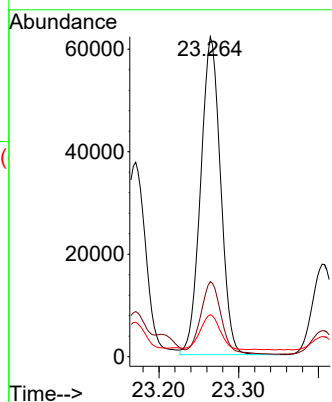
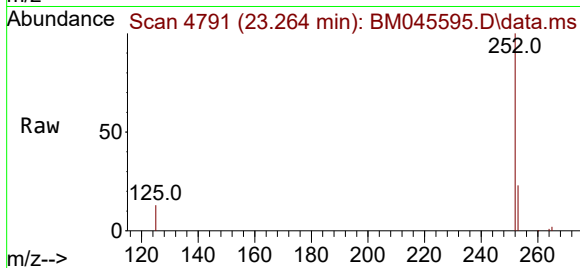
Tgt Ion:252 Resp: 107413

Ion Ratio Lower Upper

252 100

253 23.4 31.6 47.4#

125 13.2 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.057 ng/ul

RT: 25.534 min Scan# 5544

Delta R.T. -0.038 min

Lab File: BM045595.D

Acq: 26 Apr 2024 19:39

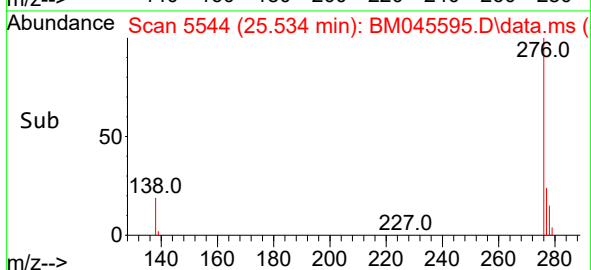
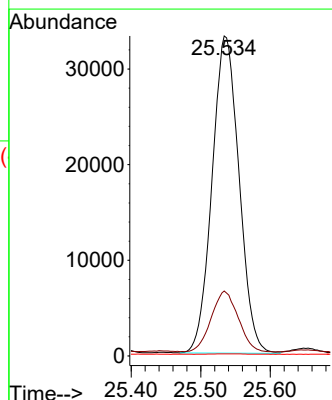
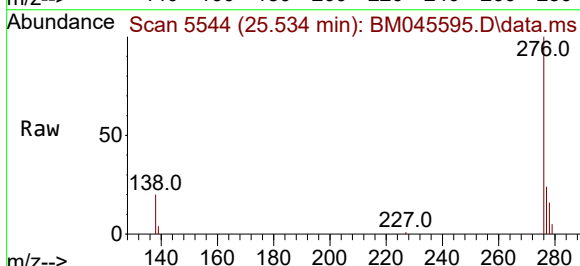
Tgt Ion:276 Resp: 89530

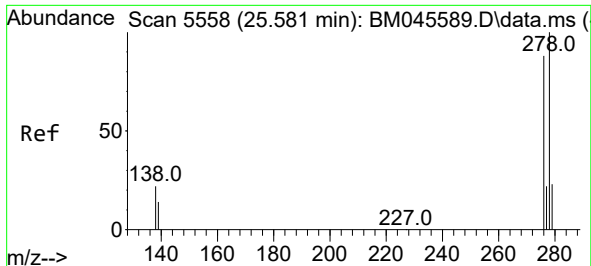
Ion Ratio Lower Upper

276 100

138 19.3 19.8 29.6#

227 0.3 0.2 0.2#

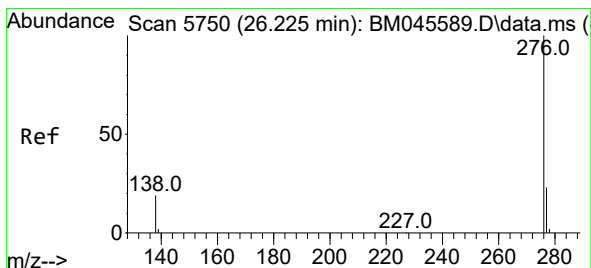
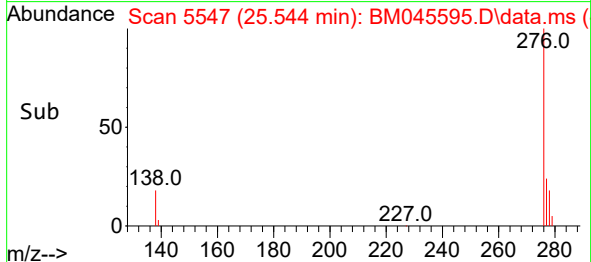
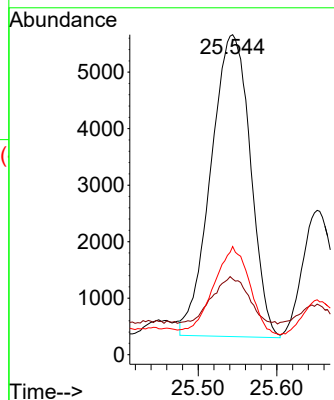
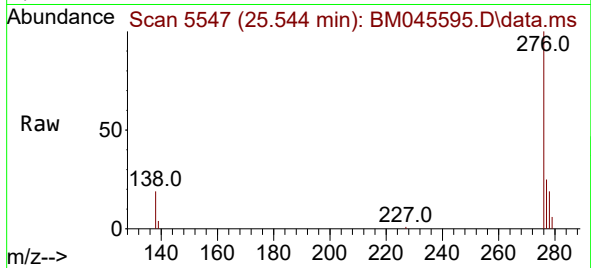




#28
Dibenzo(a,h)anthracene
Concen: 1.589 ng/ul
RT: 25.544 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Instrument :
BNA_N
ClientSampleId :
E1CW9

Tgt Ion:278 Resp: 18627
Ion Ratio Lower Upper
278 100
139 23.6 19.0 28.6
279 33.8 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 6.773 ng/ul
RT: 26.201 min Scan# 5743
Delta R.T. -0.034 min
Lab File: BM045595.D
Acq: 26 Apr 2024 19:39

Tgt Ion:276 Resp: 89950
Ion Ratio Lower Upper
276 100
138 20.6 20.8 31.2#
277 24.3 21.8 32.8

