

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045598.D
 Acq On : 26 Apr 2024 21:30
 Operator : MA/JU
 Sample : P2203-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4

Quant Time: Apr 26 23:53:41 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

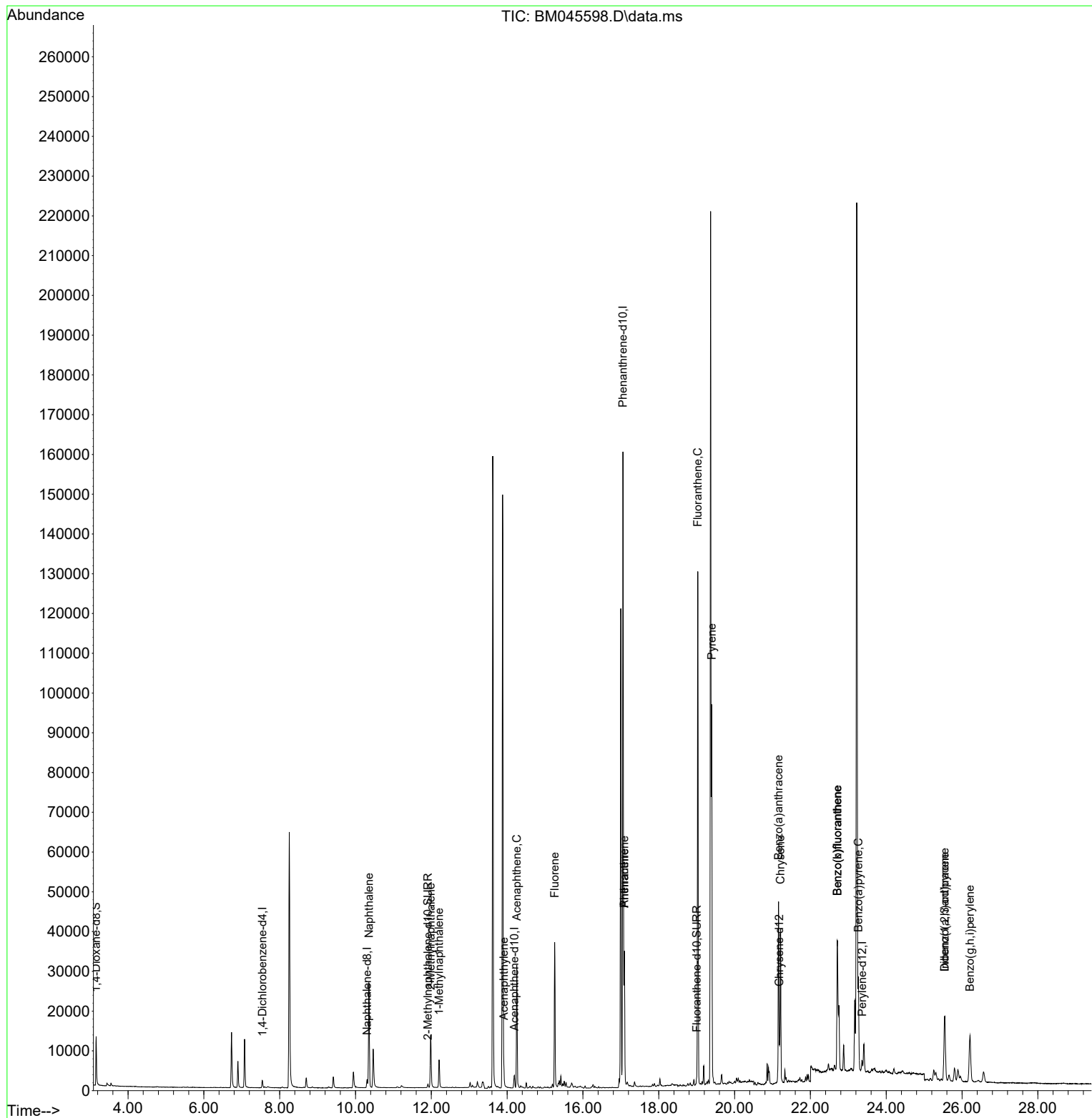
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1015	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2876	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1425	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.056	188	184515	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.176	240	2344	0.400	ng/ul	#-0.02
23) Perylene-d12	23.364	264	3378	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	7616	5.598	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1248	0.329	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	2074	0.281	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.352	128	37253	4.823	ng/ul#	86
7) 2-Methylnaphthalene	11.986	142	10666	2.418	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	4993	1.009	ng/ul	99
10) Acenaphthylene	13.913	152	4681	0.666	ng/ul	97
11) Acenaphthene	14.256	153	18045	3.458	ng/ul	96
12) Fluorene	15.255	166	23064	4.132	ng/ul#	97
15) Phenanthrene	17.094	178	35699	0.066	ng/ul	93
16) Anthracene	17.094	178	35298	0.070	ng/ul#	90
19) Fluoranthene	19.029	202	111657	10.322	ng/ul#	90
20) Pyrene	19.396	202	80088	7.203	ng/ul#	91
21) Benzo(a)anthracene	21.158	228	37900	5.058	ng/ul	95
22) Chrysene	21.211	228	37049	3.216	ng/ul	99
24) Benzo(b)fluoranthene	22.710	252	54239	4.773	ng/ul	87
25) Benzo(k)fluoranthene	22.710	252	68485	4.770	ng/ul#	87
26) Benzo(a)pyrene	23.265	252	30782	2.612	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.541	276	25336	1.479	ng/ul	91
28) Dibenzo(a,h)anthracene	25.545	278	6959	0.512	ng/ul#	82
29) Benzo(g,h,i)perylene	26.209	276	23967	1.557	ng/ul	98

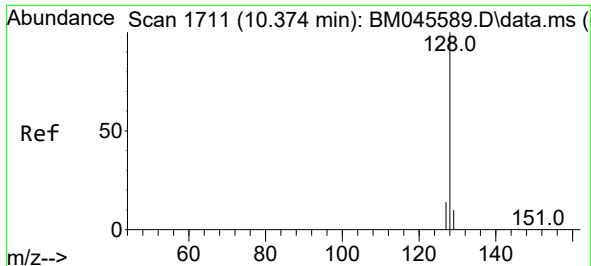
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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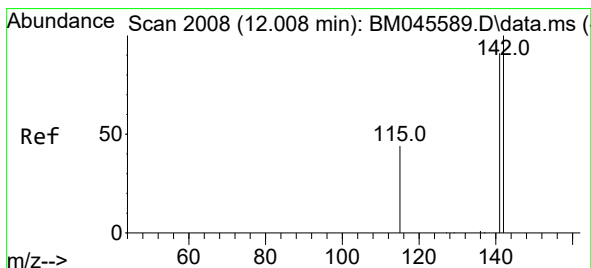
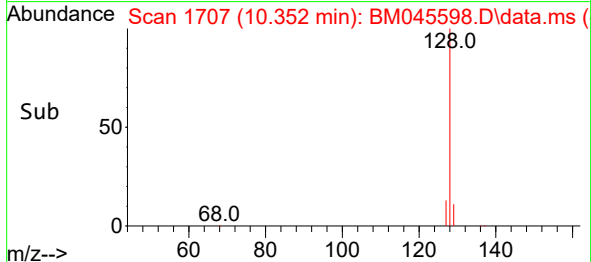
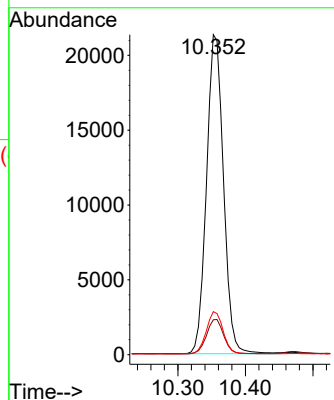
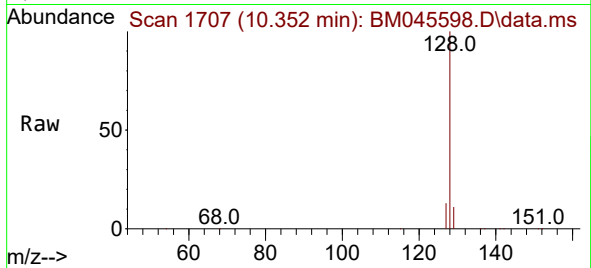




#5
Naphthalene
Concen: 4.823 ng/ul
RT: 10.352 min Scan# 1
Delta R.T. -0.027 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

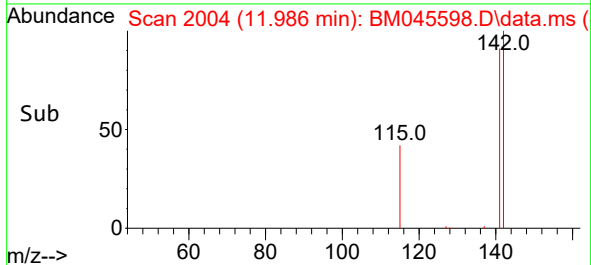
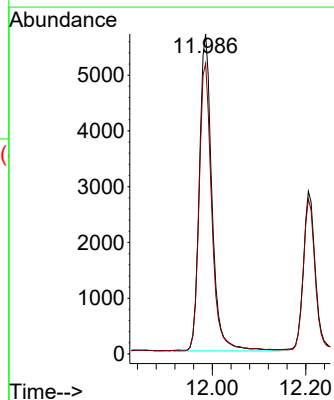
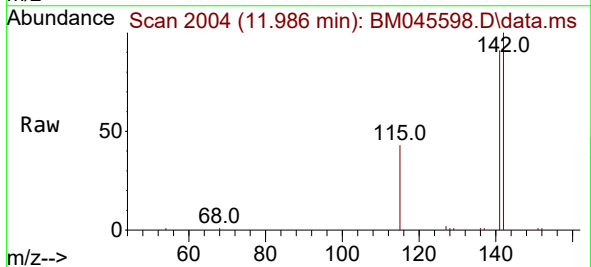
Instrument :
BNA_N
ClientSampleId :
E1CX4

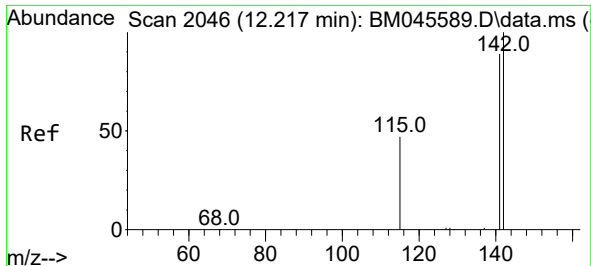
Tgt Ion:128 Resp: 37253
Ion Ratio Lower Upper
128 100
129 10.9 14.0 21.0#
127 13.5 15.4 23.2#



#7
2-Methylnaphthalene
Concen: 2.418 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

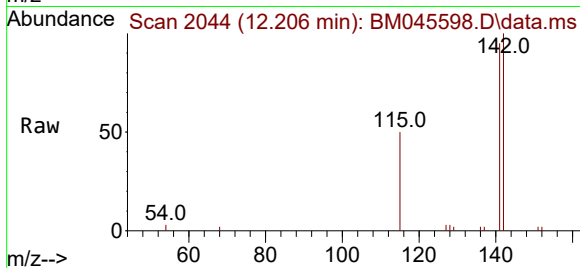
Tgt Ion:142 Resp: 10666
Ion Ratio Lower Upper
142 100
141 90.2 74.6 111.8



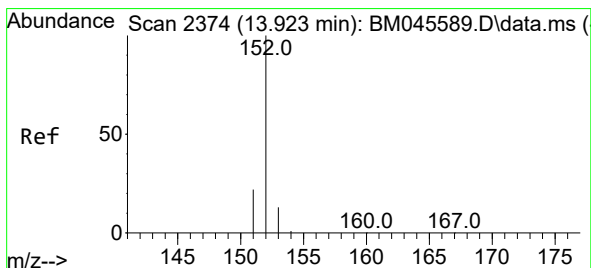
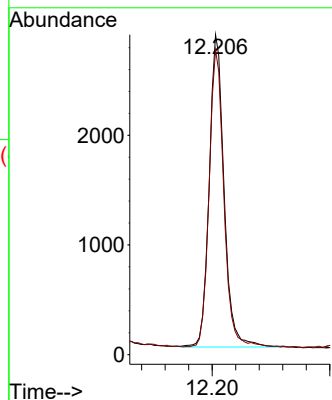
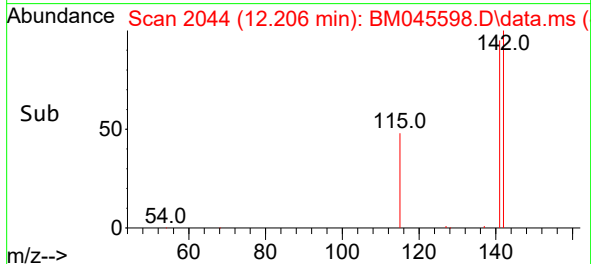


#8
1-Methylnaphthalene
Concen: 1.009 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Instrument :
BNA_N
ClientSampleId :
E1CX4

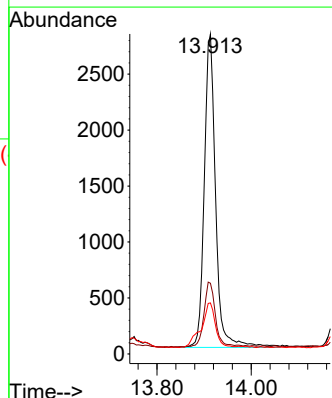
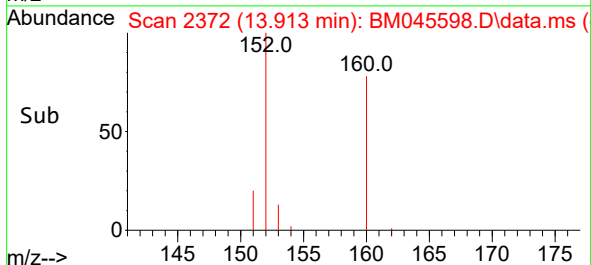
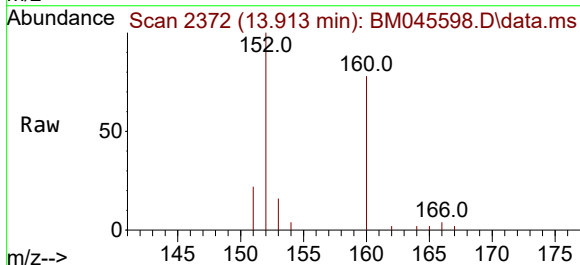


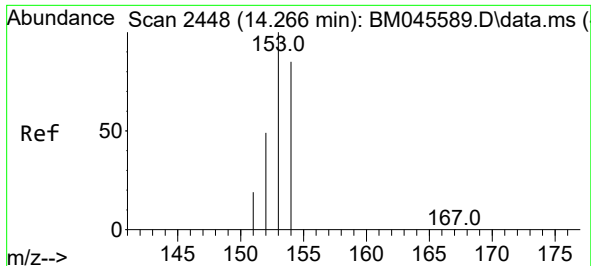
Tgt Ion:142 Resp: 4993
Ion Ratio Lower Upper
142 100
141 94.2 76.1 114.1



#10
Acenaphthylene
Concen: 0.666 ng/ul
RT: 13.913 min Scan# 2372
Delta R.T. -0.014 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:152 Resp: 4681
Ion Ratio Lower Upper
152 100
151 22.1 18.6 28.0
153 15.9 14.1 21.1

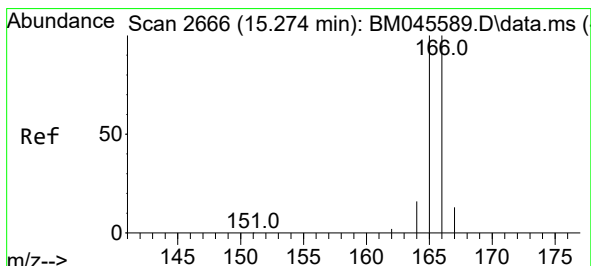
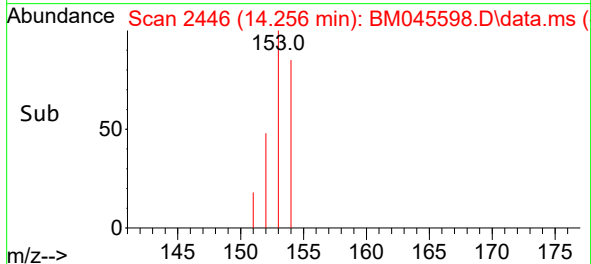
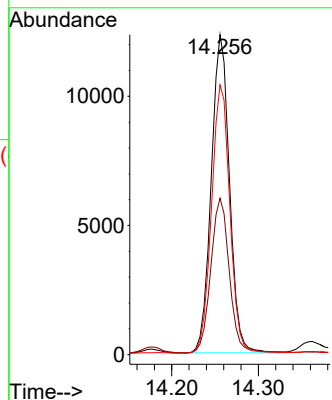
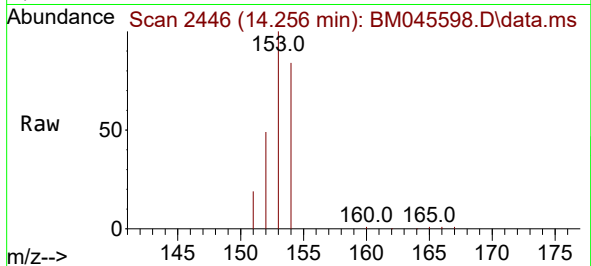




#11
Acenaphthene
Concen: 3.458 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

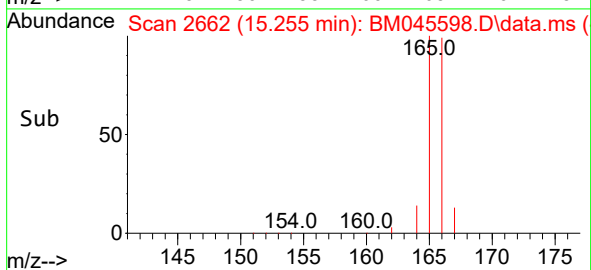
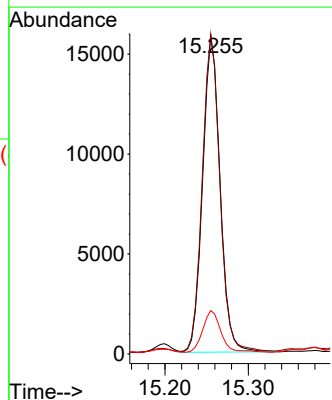
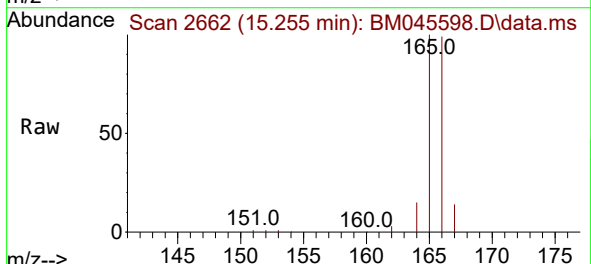
Instrument :
BNA_N
ClientSampleId :
E1CX4

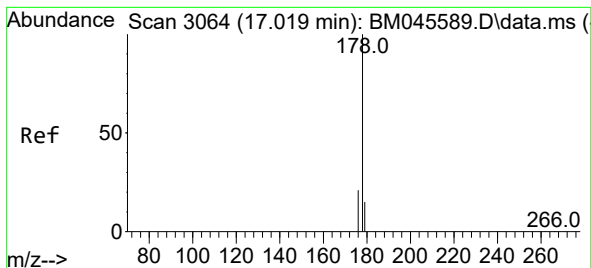
Tgt Ion:153 Resp: 18045
Ion Ratio Lower Upper
153 100
152 48.9 43.4 65.2
154 84.3 69.0 103.6



#12
Fluorene
Concen: 4.132 ng/ul
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:166 Resp: 23064
Ion Ratio Lower Upper
166 100
165 100.9 82.2 123.2
167 13.7 14.8 22.2#





#15

Phenanthrene

Concen: 0.066 ng/ul

RT: 17.094 min Scan# 3064

Delta R.T. 0.072 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_N

ClientSampleId :

E1CX4

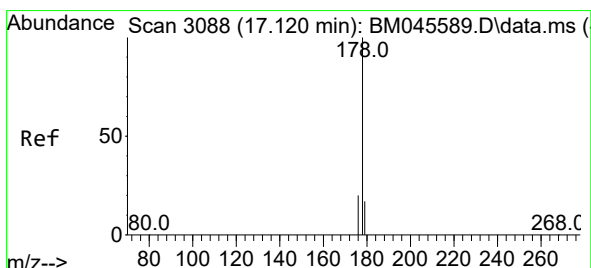
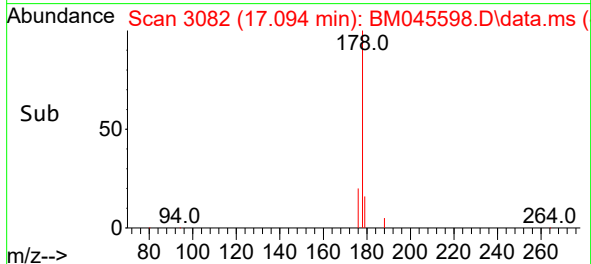
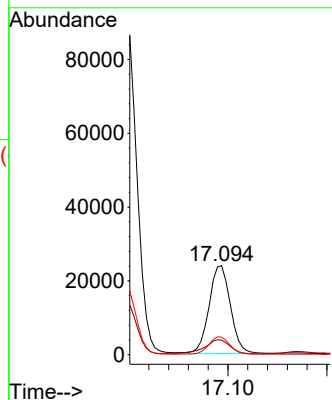
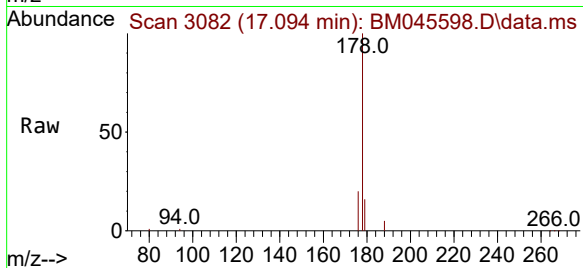
Tgt Ion:178 Resp: 35699

Ion Ratio Lower Upper

178 100

179 16.4 15.4 23.2

176 19.8 19.0 28.4



#16

Anthracene

Concen: 0.070 ng/ul

RT: 17.094 min Scan# 3082

Delta R.T. -0.025 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

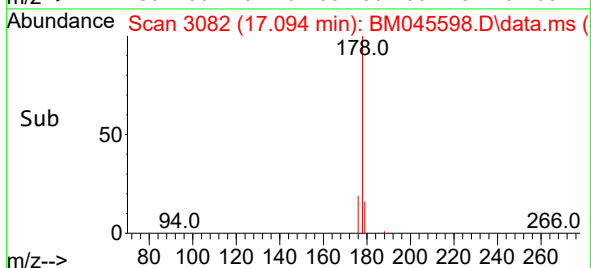
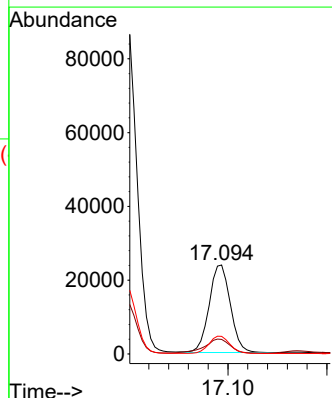
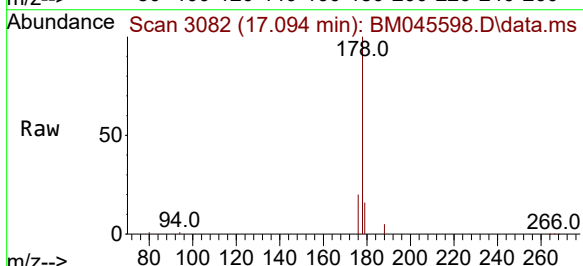
Tgt Ion:178 Resp: 35298

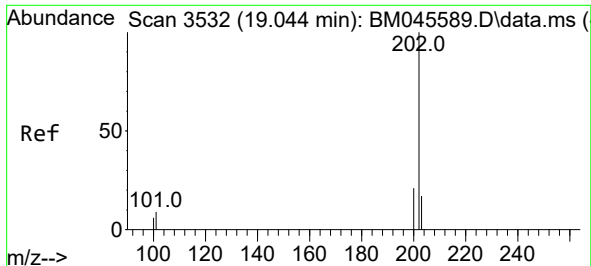
Ion Ratio Lower Upper

178 100

179 16.4 17.8 26.6#

176 19.8 18.7 28.1

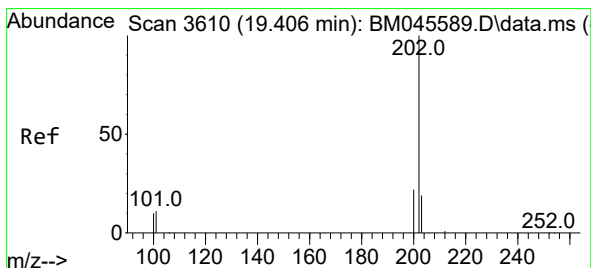
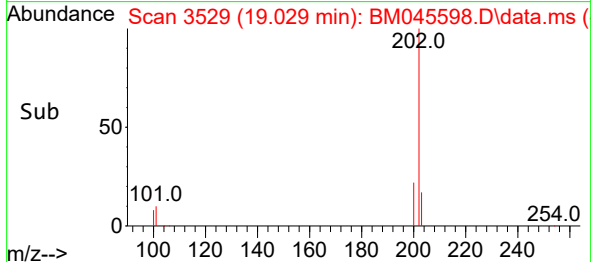
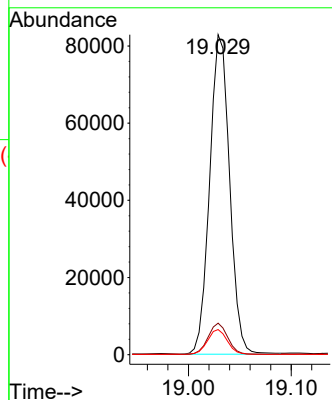
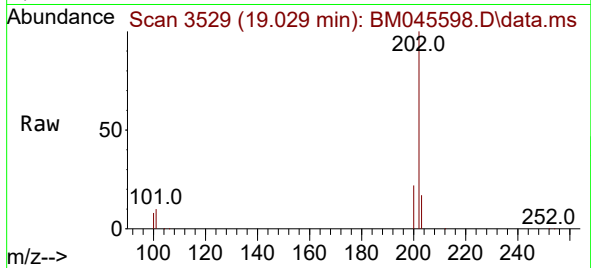




#19
Fluoranthene
Concen: 10.322 ng/ul
RT: 19.029 min Scan# 31
Delta R.T. -0.019 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

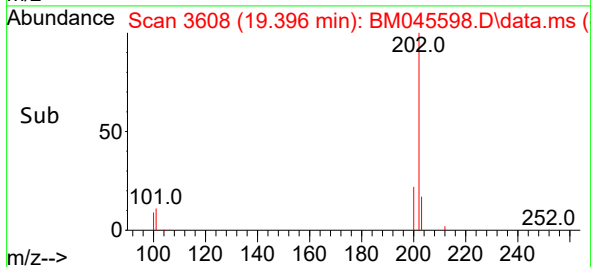
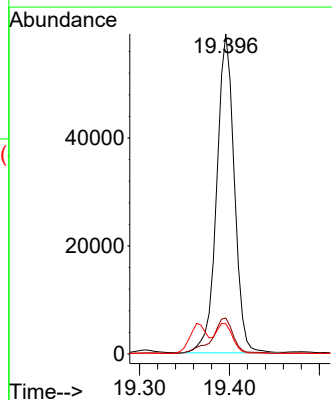
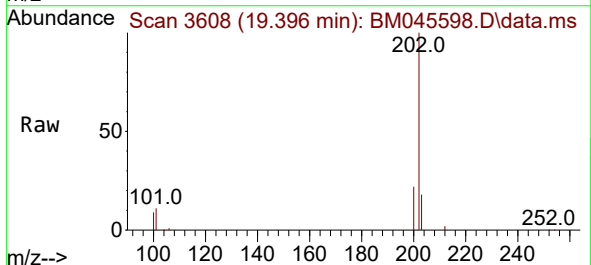
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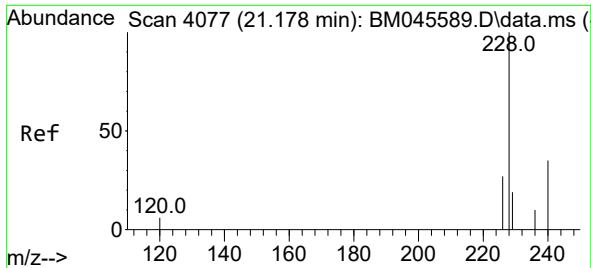
Tgt Ion:202 Resp: 111657
Ion Ratio Lower Upper
202 100
101 9.9 11.2 16.8#
100 7.9 9.1 13.7#



#20
Pyrene
Concen: 7.203 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:202 Resp: 80088
Ion Ratio Lower Upper
202 100
101 11.2 11.5 17.3#
100 9.5 10.6 15.8#

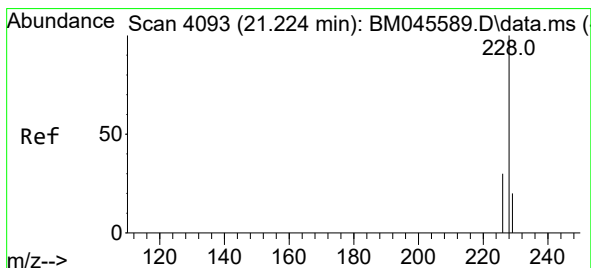
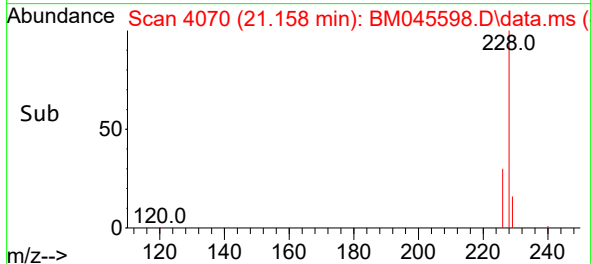
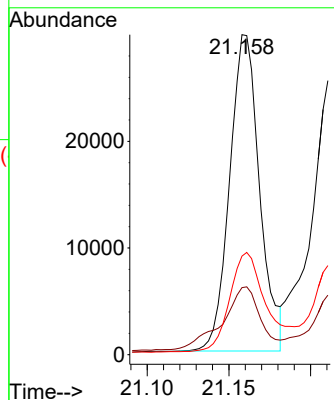
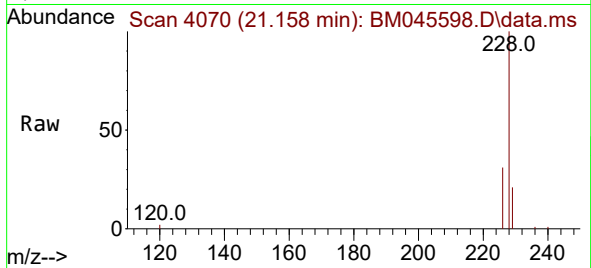




#21
Benzo(a)anthracene
Concen: 5.058 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.023 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

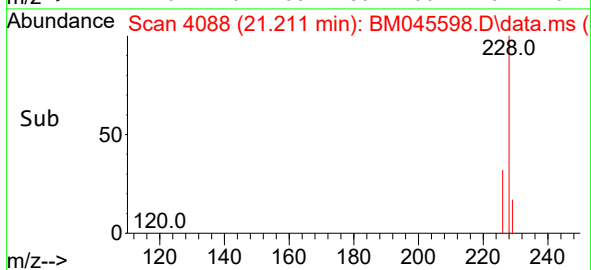
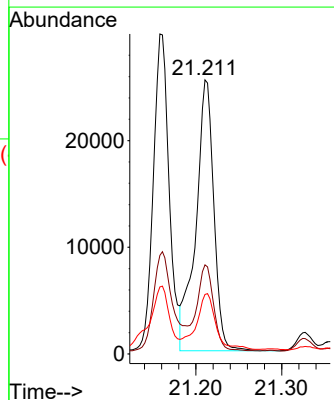
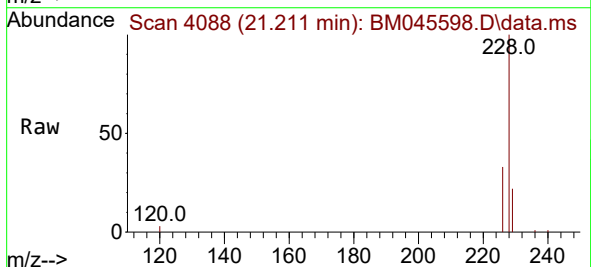
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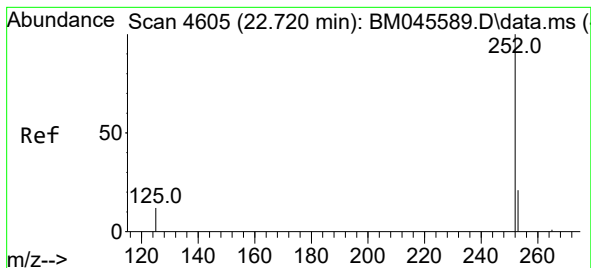
Tgt Ion:228 Resp: 37900
Ion Ratio Lower Upper
228 100
229 21.0 19.4 29.2
226 30.8 26.3 39.5



#22
Chrysene
Concen: 3.216 ng/ul
RT: 21.211 min Scan# 4088
Delta R.T. -0.017 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:228 Resp: 37049
Ion Ratio Lower Upper
228 100
226 32.5 26.3 39.5
229 21.7 17.8 26.8





#24

Benzo(b)fluoranthene

Concen: 4.773 ng/ul

RT: 22.710 min Scan# 4

Delta R.T. -0.020 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNL_N

ClientSampleId :

E1CX4

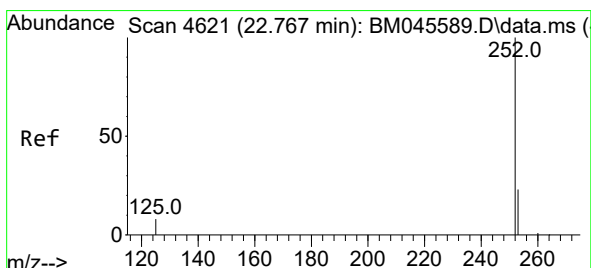
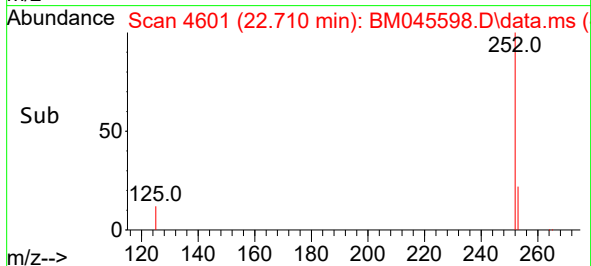
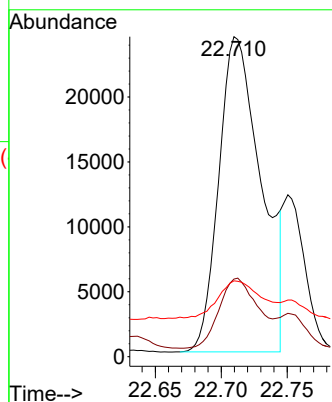
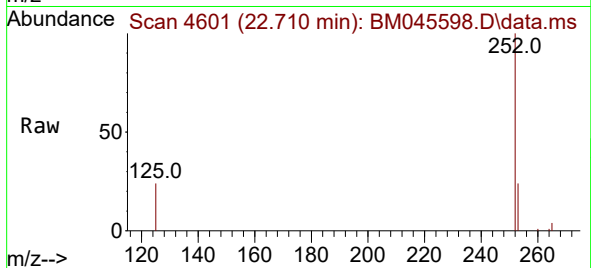
Tgt Ion:252 Resp: 54239

Ion Ratio Lower Upper

252 100

253 24.2 0.0 63.4

125 23.7 0.0 36.8



#25

Benzo(k)fluoranthene

Concen: 4.770 ng/ul

RT: 22.710 min Scan# 4601

Delta R.T. -0.061 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

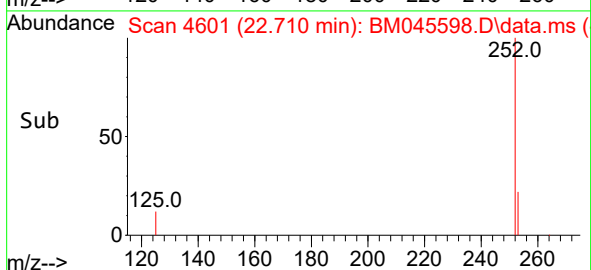
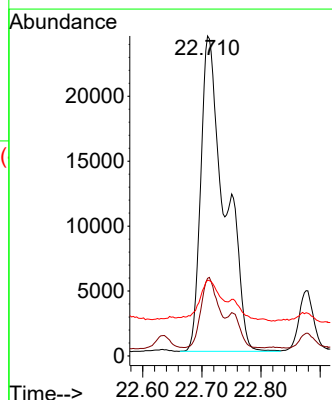
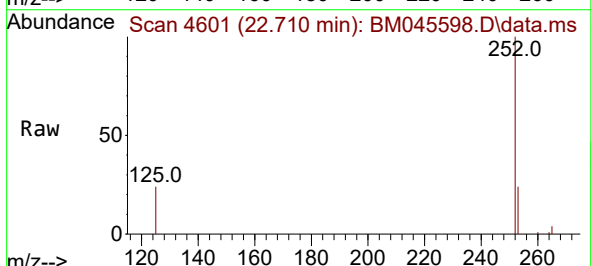
Tgt Ion:252 Resp: 68485

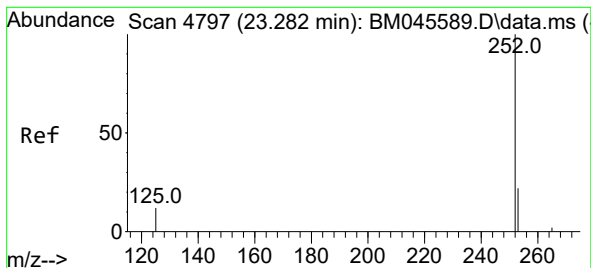
Ion Ratio Lower Upper

252 100

253 24.2 25.4 38.0#

125 23.7 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 2.612 ng/ul

RT: 23.265 min Scan# 41

Delta R.T. -0.026 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

Instrument :

BNA_N

ClientSampleId :

E1CX4

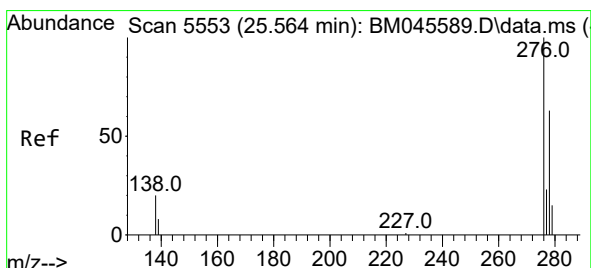
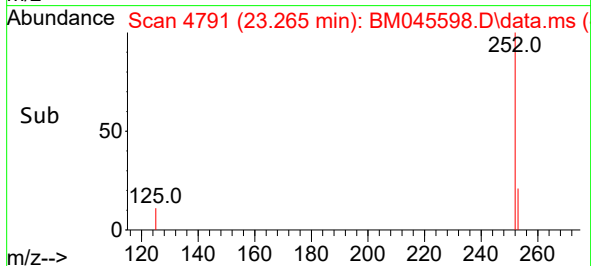
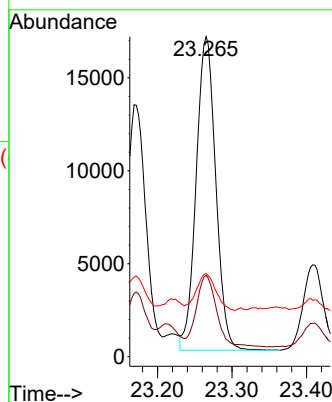
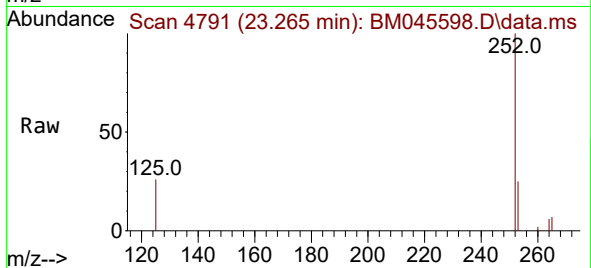
Tgt Ion:252 Resp: 30782

Ion Ratio Lower Upper

252 100

253 25.5 31.6 47.4#

125 26.0 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.479 ng/ul

RT: 25.541 min Scan# 5546

Delta R.T. -0.030 min

Lab File: BM045598.D

Acq: 26 Apr 2024 21:30

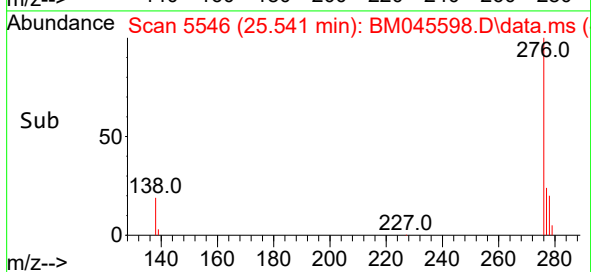
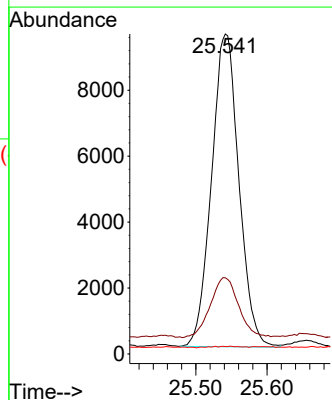
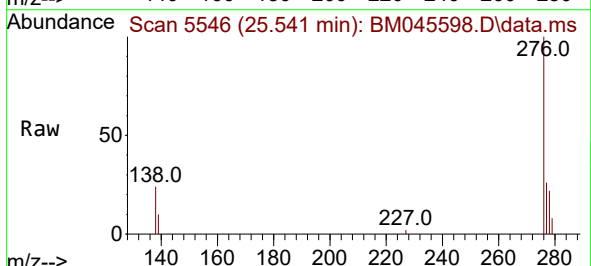
Tgt Ion:276 Resp: 25336

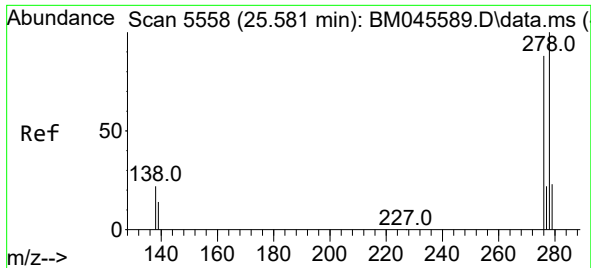
Ion Ratio Lower Upper

276 100

138 20.4 19.8 29.6

227 0.2 0.2 0.2

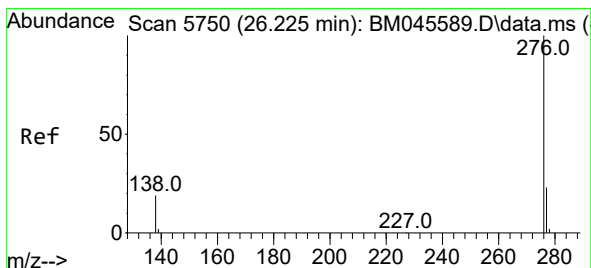
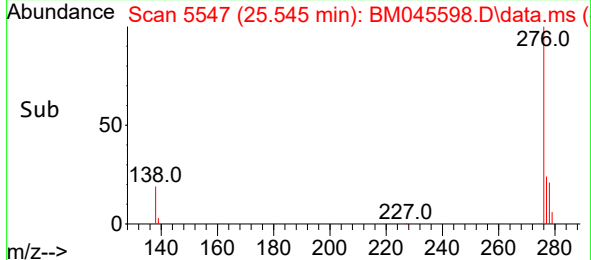
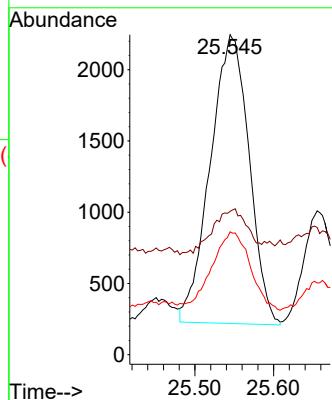
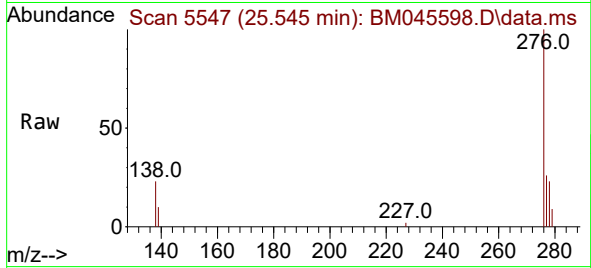




#28
Dibenzo(a,h)anthracene
Concen: 0.512 ng/ul
RT: 25.545 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Instrument :
BNA_N
ClientSampleId :
E1CX4

Tgt Ion:278 Resp: 6959
Ion Ratio Lower Upper
278 100
139 44.8 19.0 28.6#
279 38.4 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 1.557 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.027 min
Lab File: BM045598.D
Acq: 26 Apr 2024 21:30

Tgt Ion:276 Resp: 23967
Ion Ratio Lower Upper
276 100
138 25.0 20.8 31.2
277 26.3 21.8 32.8

