

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045597.D
 Acq On : 26 Apr 2024 20:53
 Operator : MA/JU
 Sample : P2203-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY7

Quant Time: Apr 26 23:53:29 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)

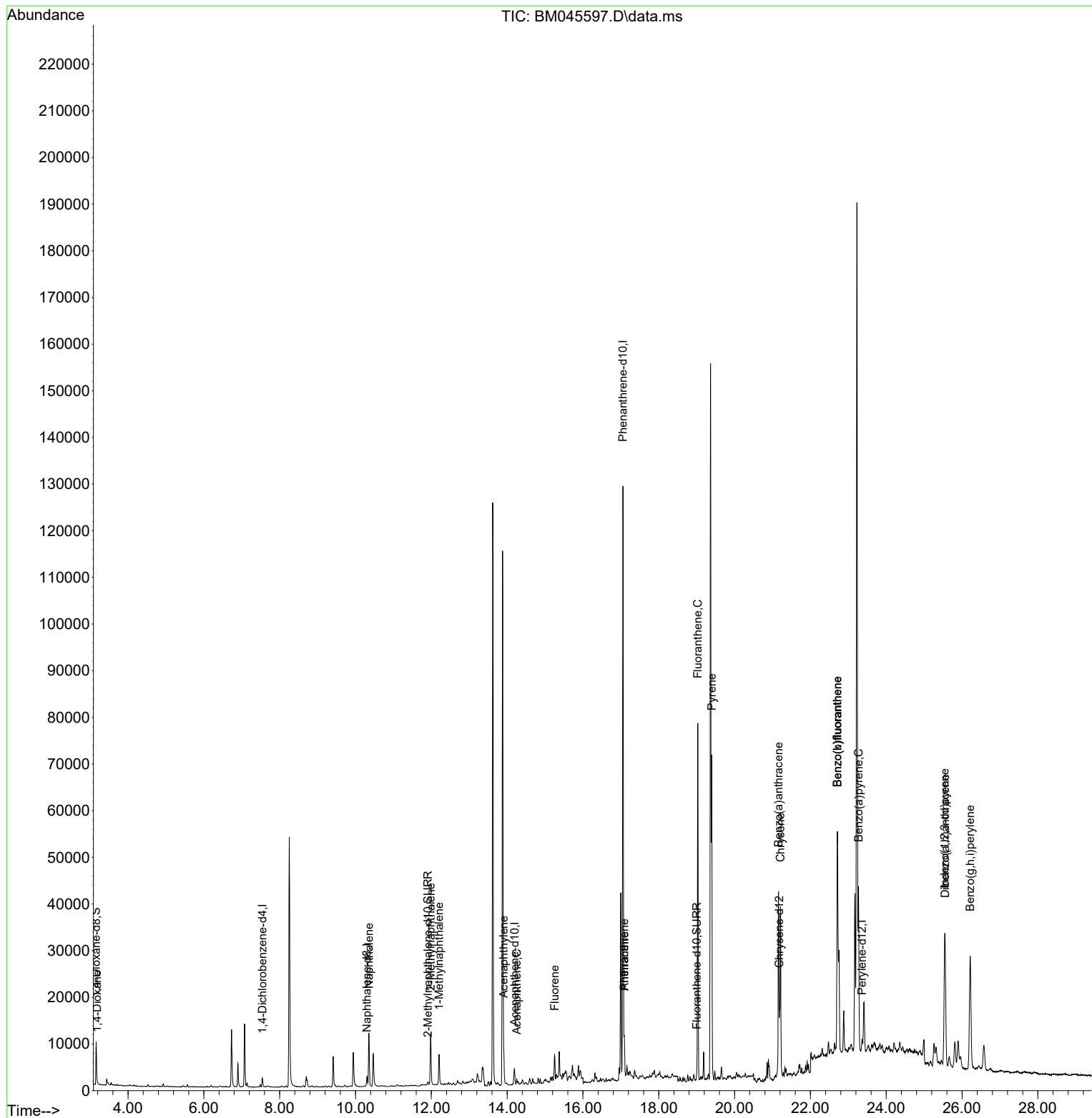
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1079	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2948	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.196	164	1533	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	145984	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.176	240	2288	0.400	ng/ul	#-0.02
23) Perylene-d12	23.362	264	3251	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5862	4.053	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.909	152	1036	0.266	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	1626	0.226	ng/ul	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.180	88	29	0.021	ng/ul#	1
5) Naphthalene	10.352	128	16009	2.022	ng/ul#	88
7) 2-Methylnaphthalene	11.986	142	8564	1.894	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	4623	0.912	ng/ul	99
10) Acenaphthylene	13.909	152	6906	0.913	ng/ul	98
11) Acenaphthene	14.256	153	800	0.142	ng/ul	87
12) Fluorene	15.255	166	3469	0.578	ng/ul#	97
15) Phenanthrene	17.089	178	9065	0.021	ng/ul	95
16) Anthracene	17.089	178	8297	0.021	ng/ul	98
19) Fluoranthene	19.029	202	64590	6.117	ng/ul#	90
20) Pyrene	19.396	202	60312	5.557	ng/ul#	92
21) Benzo(a)anthracene	21.158	228	32699	4.471	ng/ul	98
22) Chrysene	21.211	228	38077	3.386	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	75096	6.867	ng/ul	88
25) Benzo(k)fluoranthene	22.712	252	97773	7.076	ng/ul#	88
26) Benzo(a)pyrene	23.268	252	45519	4.013	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.545	276	45440	2.756	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.555	278	12274	0.939	ng/ul#	69
29) Benzo(g,h,i)perylene	26.215	276	49527	3.344	ng/ul	98

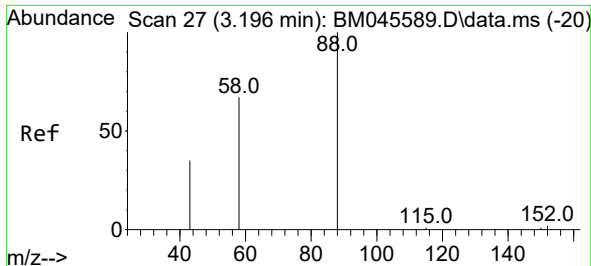
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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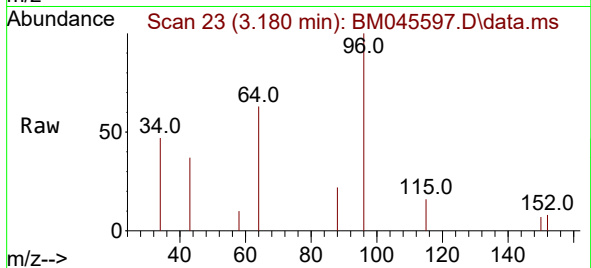
Quant Time: Apr 26 23:53:29 2024
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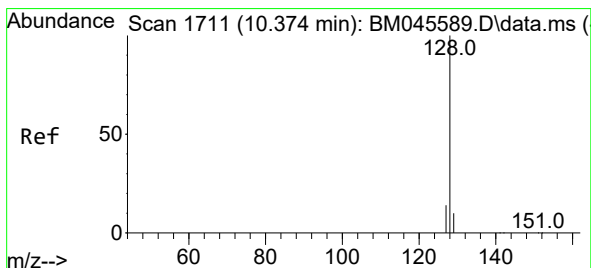
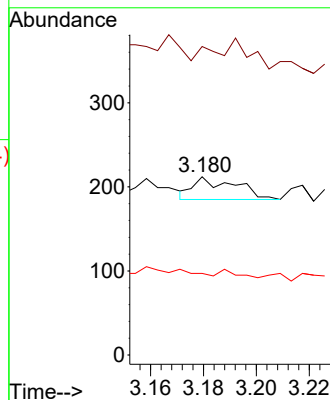
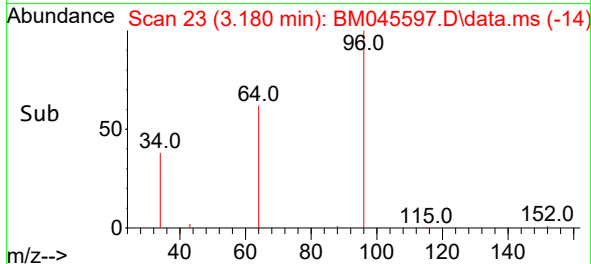


#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.180 min Scan# 21
Delta R.T. -0.021 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Instrument :
BNA_N
ClientSampleId :
E1CY7

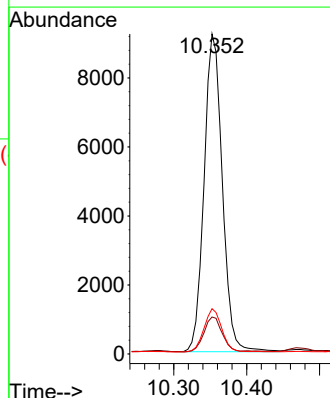
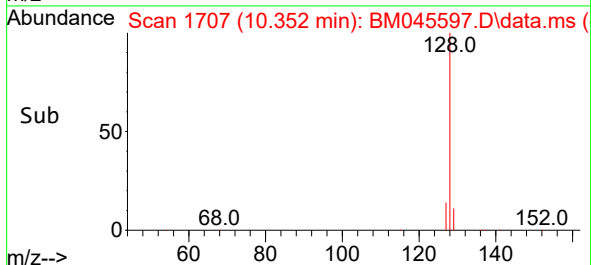
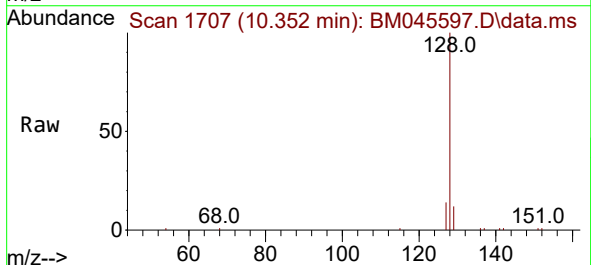


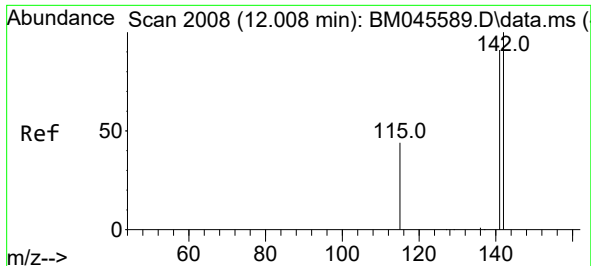
Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 173.1 36.8 55.2#
58 45.8 35.4 53.2



#5
Naphthalene
Concen: 2.022 ng/ul
RT: 10.352 min Scan# 1707
Delta R.T. -0.027 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Tgt Ion: 128 Resp: 16009
Ion Ratio Lower Upper
128 100
129 11.5 14.0 21.0#
127 14.2 15.4 23.2#

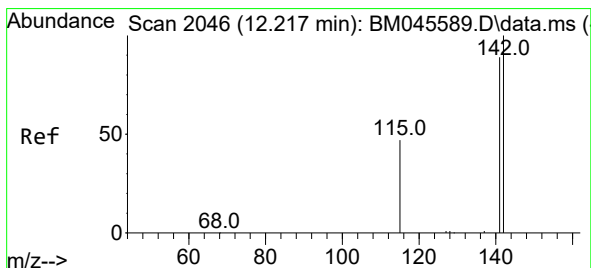
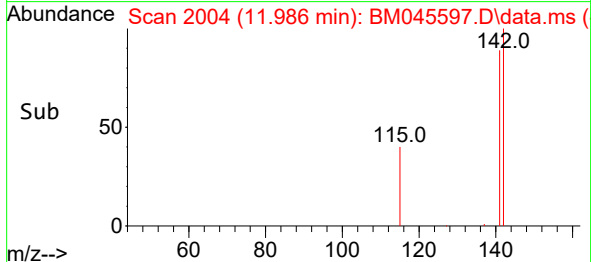
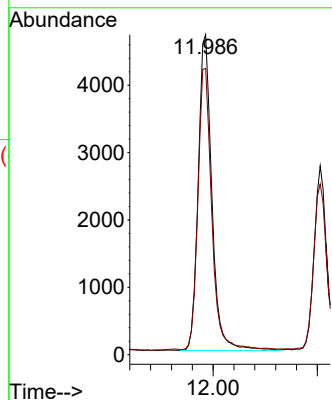
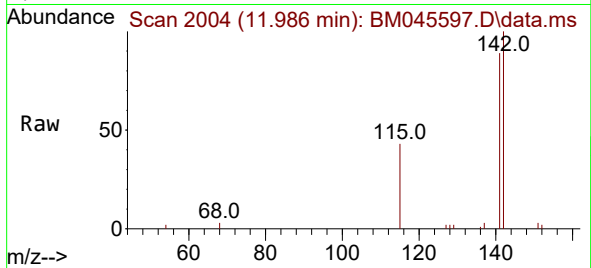




#7
2-Methylnaphthalene
Concen: 1.894 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

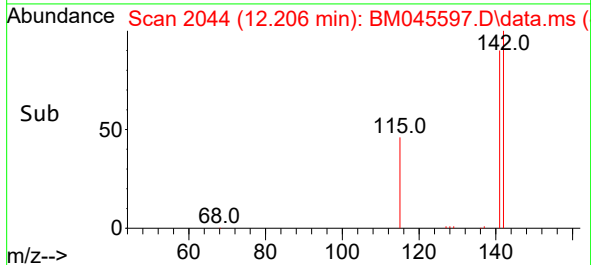
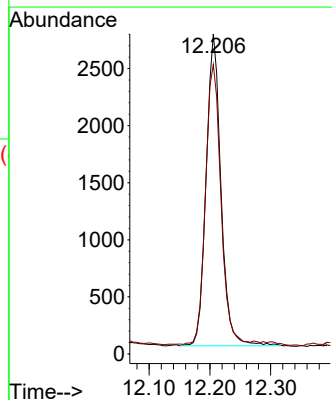
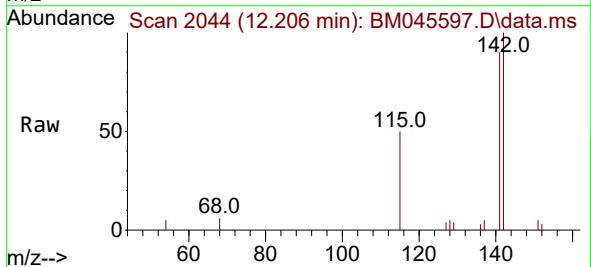
Instrument :
BNA_N
ClientSampleId :
E1CY7

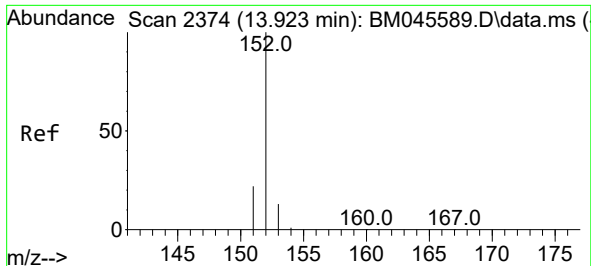
Tgt Ion:142 Resp: 8564
Ion Ratio Lower Upper
142 100
141 89.9 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.912 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Tgt Ion:142 Resp: 4623
Ion Ratio Lower Upper
142 100
141 93.7 76.1 114.1

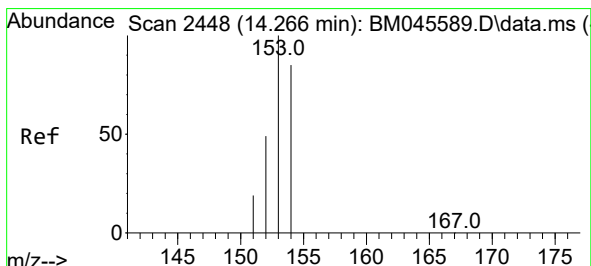
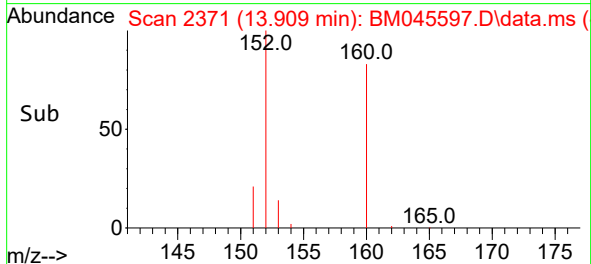
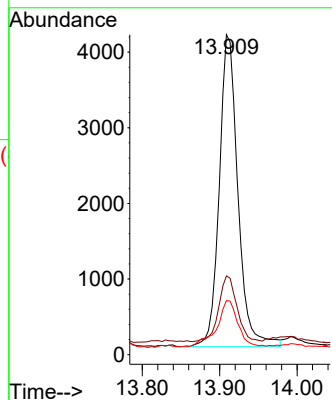
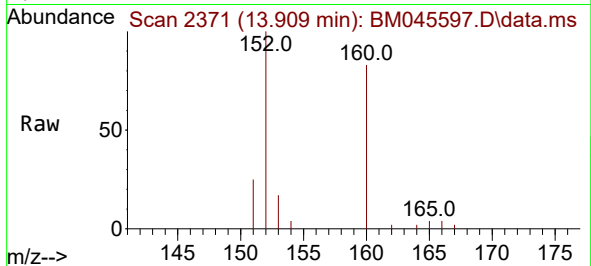




#10
Acenaphthylene
Concen: 0.913 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

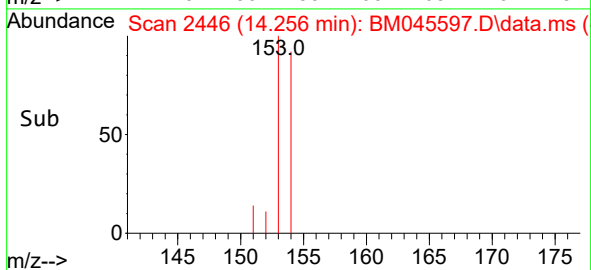
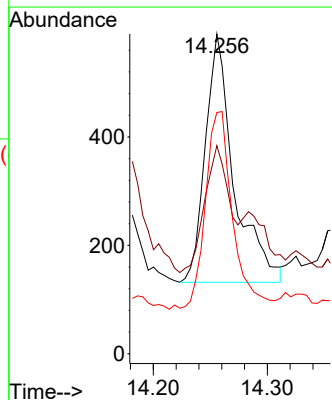
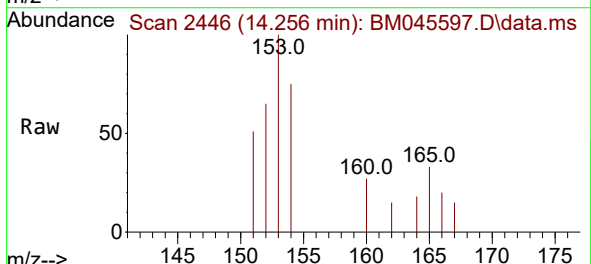
Instrument :
BNA_N
ClientSampleId :
E1CY7

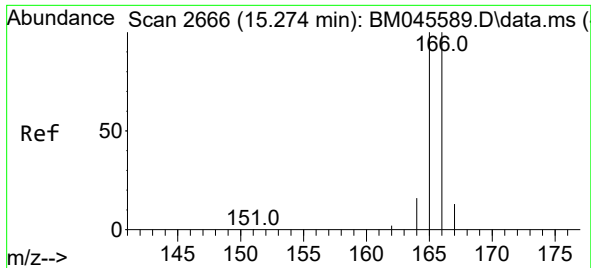
Tgt Ion:152 Resp: 6906
Ion Ratio Lower Upper
152 100
151 24.6 18.6 28.0
153 16.9 14.1 21.1



#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

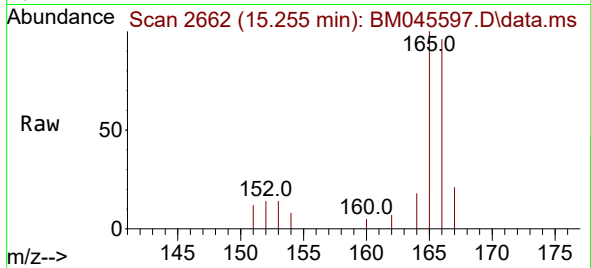
Tgt Ion:153 Resp: 800
Ion Ratio Lower Upper
153 100
152 65.1 43.4 65.2
154 75.4 69.0 103.6



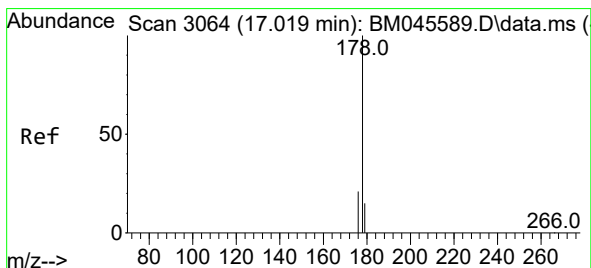
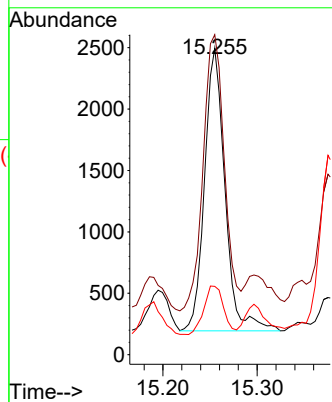
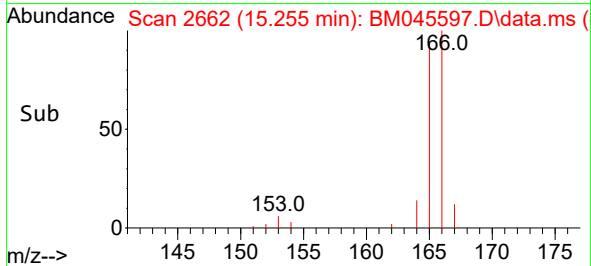


#12
Fluorene
Concen: 0.578 ng/ul
RT: 15.255 min Scan# 20
Delta R.T. -0.023 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Instrument :
BNA_N
ClientSampleId :
E1CY7

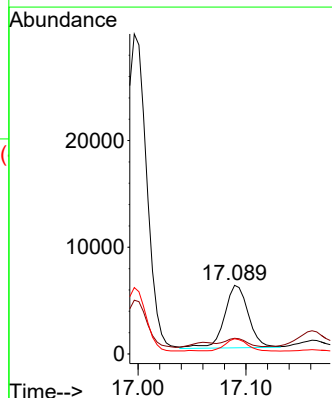
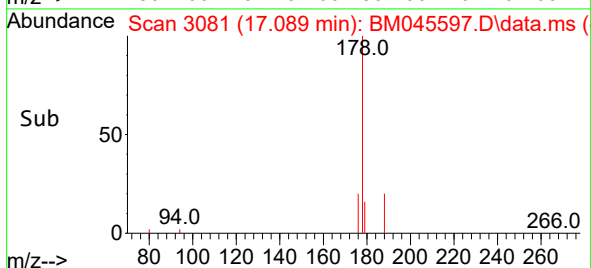
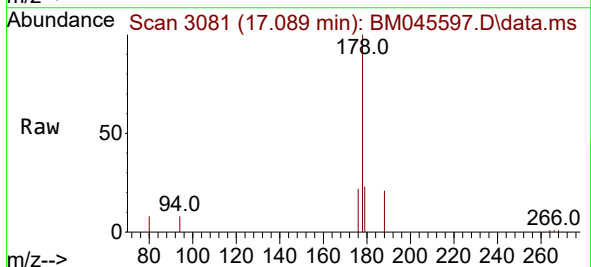


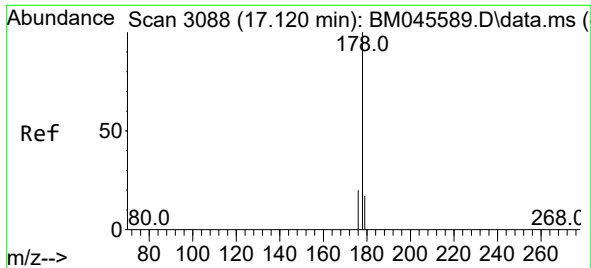
Tgt Ion:166 Resp: 3469
Ion Ratio Lower Upper
166 100
165 104.4 82.2 123.2
167 22.3 14.8 22.2#



#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.089 min Scan# 3081
Delta R.T. 0.068 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Tgt Ion:178 Resp: 9065
Ion Ratio Lower Upper
178 100
179 22.8 15.4 23.2
176 22.1 19.0 28.4

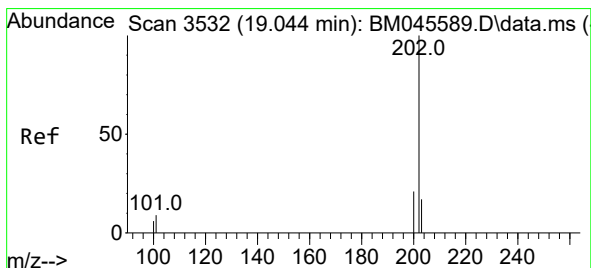
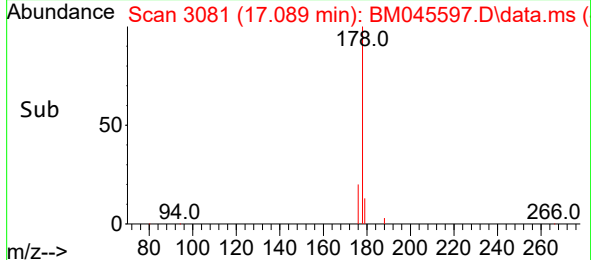
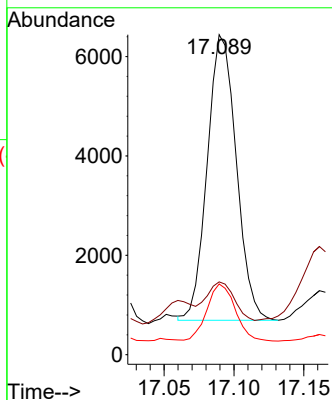
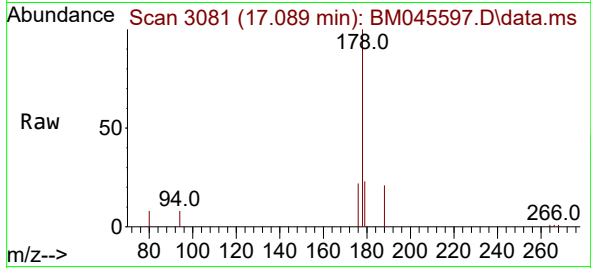




#16
 Anthracene
 Concen: 0.021 ng/ul
 RT: 17.089 min Scan# 3088
 Delta R.T. -0.030 min
 Lab File: BM045597.D
 Acq: 26 Apr 2024 20:53

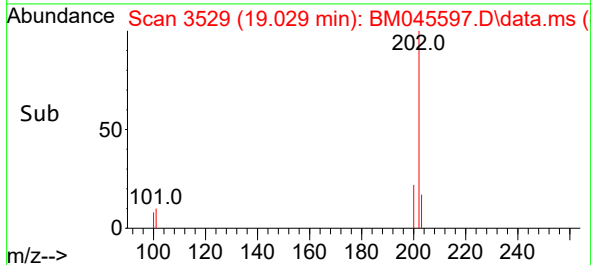
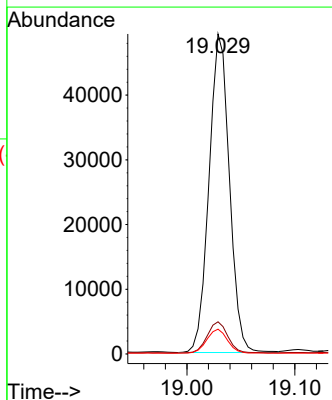
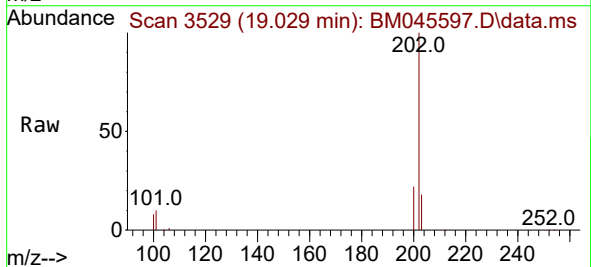
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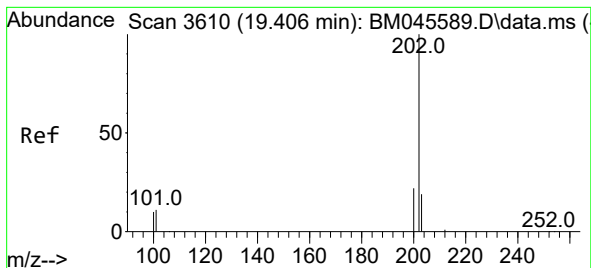
Tgt Ion:178	Resp:	8297
Ion Ratio	Lower	Upper
178	100	
179	22.8	17.8 26.6
176	22.1	18.7 28.1



#19
 Fluoranthene
 Concen: 6.117 ng/ul
 RT: 19.029 min Scan# 3529
 Delta R.T. -0.019 min
 Lab File: BM045597.D
 Acq: 26 Apr 2024 20:53

Tgt Ion:202	Resp:	64590
Ion Ratio	Lower	Upper
202	100	
101	10.1	11.2 16.8#
100	7.8	9.1 13.7#





#20

Pyrene

Concen: 5.557 ng/ul

RT: 19.396 min Scan# 3

Delta R.T. -0.019 min

Lab File: BM045597.D

Acq: 26 Apr 2024 20:53

Instrument :

BNA_N

ClientSampleId :

E1CY7

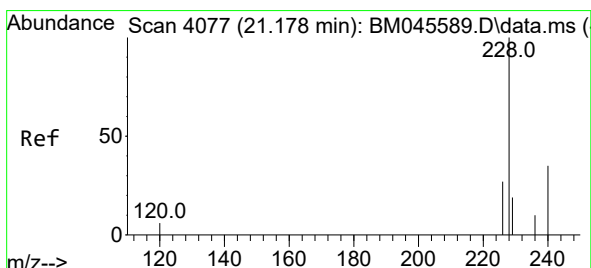
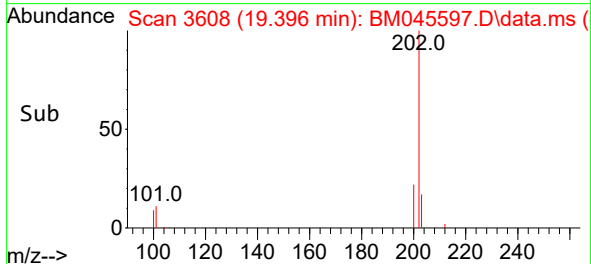
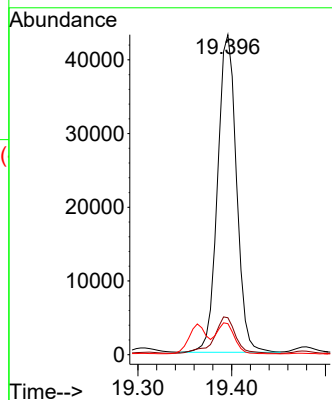
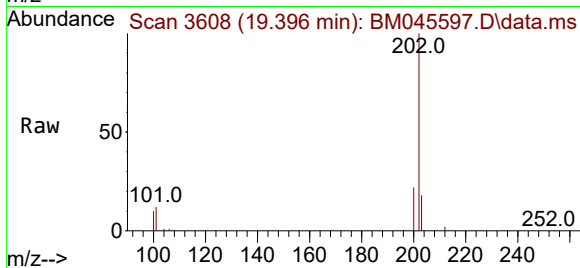
Tgt Ion:202 Resp: 60312

Ion Ratio Lower Upper

202 100

101 11.6 11.5 17.3

100 9.7 10.6 15.8#



#21

Benzo(a)anthracene

Concen: 4.471 ng/ul

RT: 21.158 min Scan# 4070

Delta R.T. -0.023 min

Lab File: BM045597.D

Acq: 26 Apr 2024 20:53

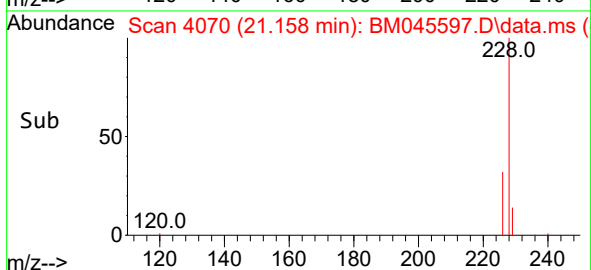
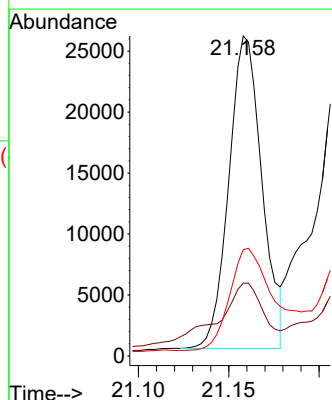
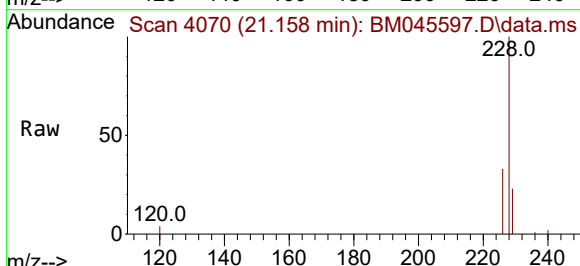
Tgt Ion:228 Resp: 32699

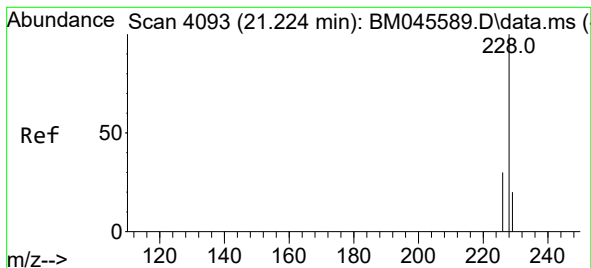
Ion Ratio Lower Upper

228 100

229 22.8 19.4 29.2

226 33.2 26.3 39.5





#22

Chrysene

Concen: 3.386 ng/ul

RT: 21.211 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM045597.D

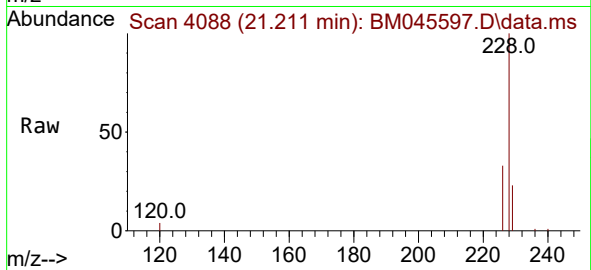
Acq: 26 Apr 2024 20:53

Instrument :

BNA_N

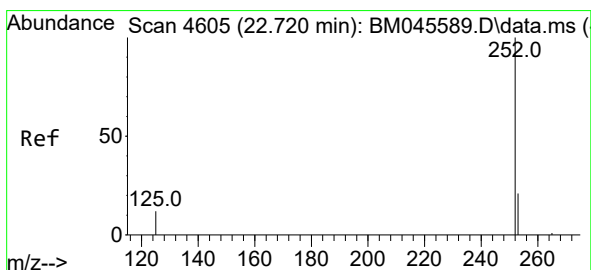
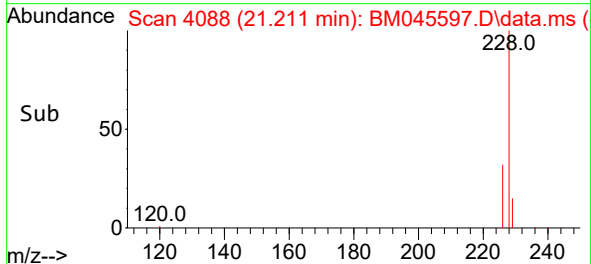
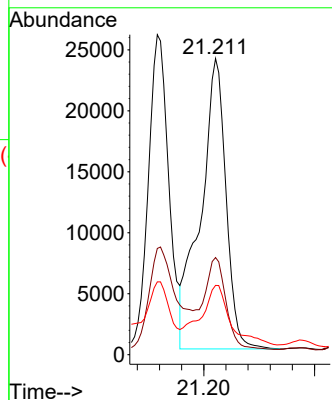
ClientSampleId :

E1CY7



Tgt Ion:228 Resp: 38077

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.3	39.5
229	23.4	17.8	26.8



#24

Benzo(b)fluoranthene

Concen: 6.867 ng/ul

RT: 22.712 min Scan# 4602

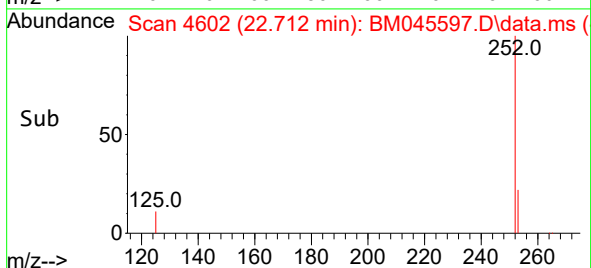
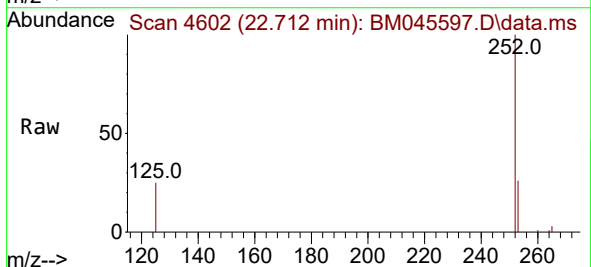
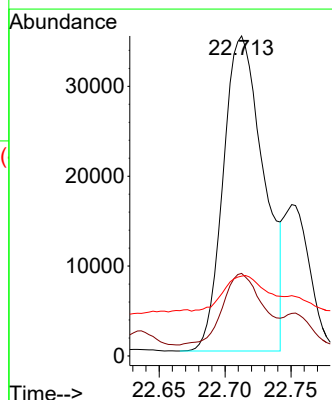
Delta R.T. -0.018 min

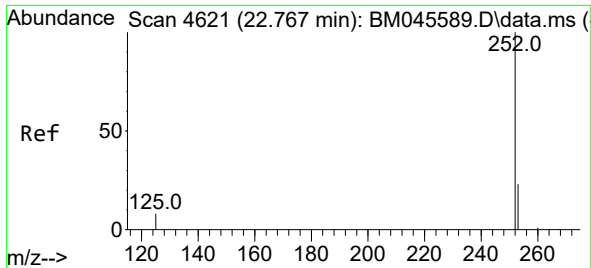
Lab File: BM045597.D

Acq: 26 Apr 2024 20:53

Tgt Ion:252 Resp: 75096

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	63.4
125	25.0	0.0	36.8

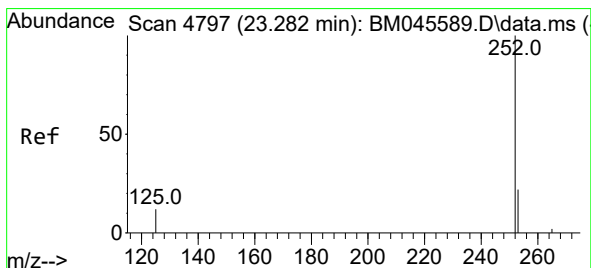
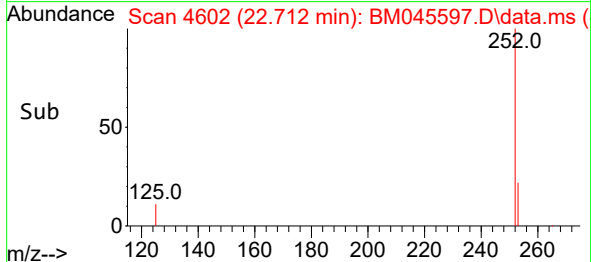
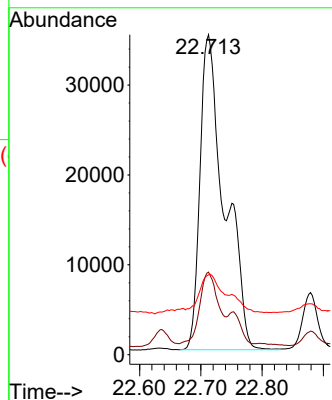
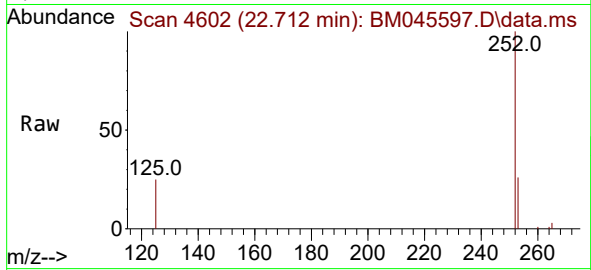




#25
Benzo(k)fluoranthene
Concen: 7.076 ng/ul
RT: 22.712 min Scan# 4602
Delta R.T. -0.058 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

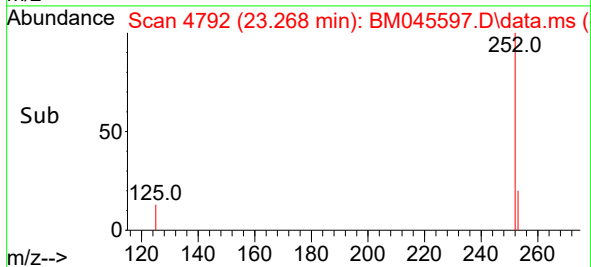
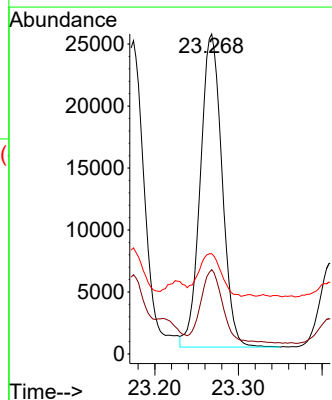
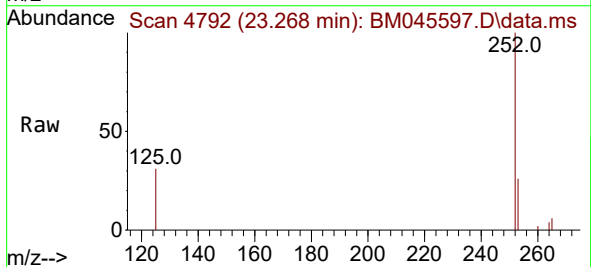
Instrument :
BNA_N
ClientSampleId :
E1CY7

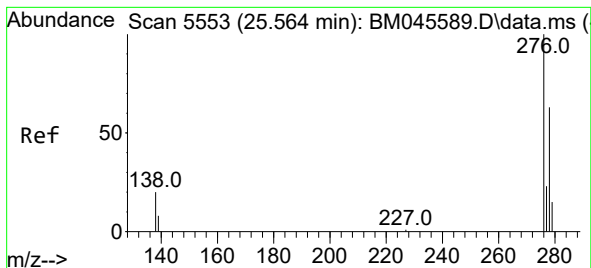
Tgt Ion:252 Resp: 97773
Ion Ratio Lower Upper
252 100
253 25.8 25.4 38.0
125 25.0 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 4.013 ng/ul
RT: 23.268 min Scan# 4792
Delta R.T. -0.023 min
Lab File: BM045597.D
Acq: 26 Apr 2024 20:53

Tgt Ion:252 Resp: 45519
Ion Ratio Lower Upper
252 100
253 26.3 31.6 47.4#
125 31.3 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.756 ng/ul

RT: 25.545 min Scan# 5547

Delta R.T. -0.027 min

Lab File: BM045597.D

Acq: 26 Apr 2024 20:53

Instrument :

BNA_N

ClientSampleId :

E1CY7

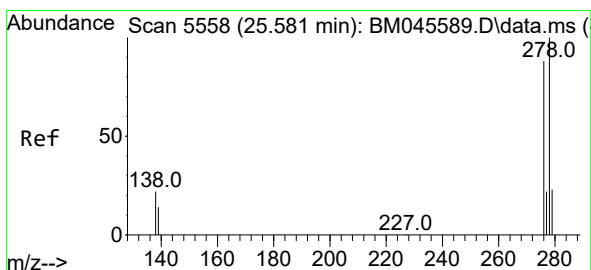
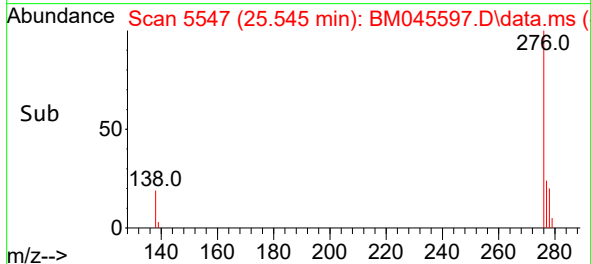
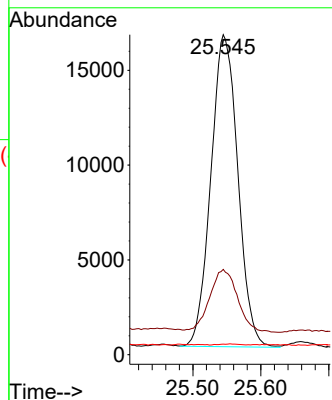
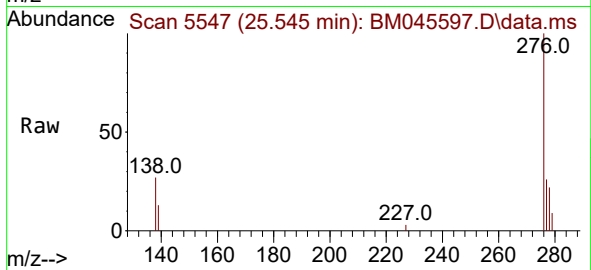
Tgt Ion:276 Resp: 45440

Ion Ratio Lower Upper

276 100

138 20.9 19.8 29.6

227 0.2 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.939 ng/ul

RT: 25.555 min Scan# 5550

Delta R.T. -0.034 min

Lab File: BM045597.D

Acq: 26 Apr 2024 20:53

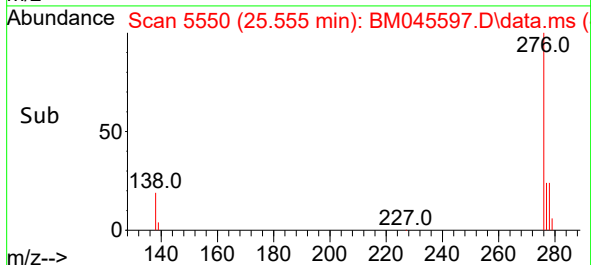
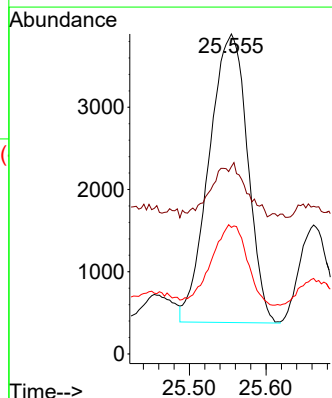
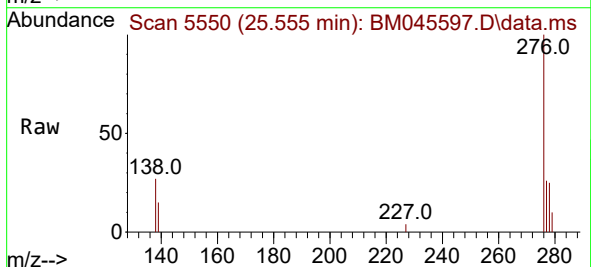
Tgt Ion:278 Resp: 12274

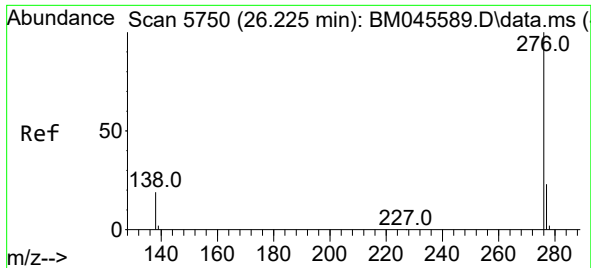
Ion Ratio Lower Upper

278 100

139 58.6 19.0 28.6#

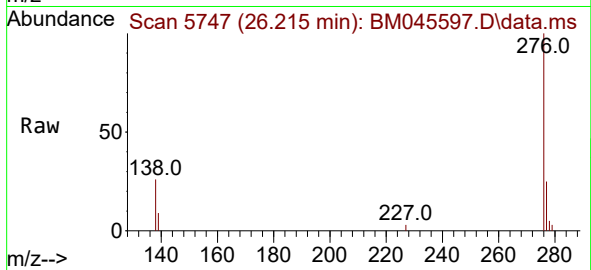
279 39.6 29.4 44.2





#29
 Benzo(g,h,i)perylene
 Concen: 3.344 ng/ul
 RT: 26.215 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM045597.D
 Acq: 26 Apr 2024 20:53

Instrument :
 BNA_N
 ClientSampleId :
 E1CY7



Tgt Ion:	276	Resp:	49527
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.8	31.2
277	25.5	21.8	32.8

