

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045594.D
 Acq On : 26 Apr 2024 19:02
 Operator : MA/JU
 Sample : P2203-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX3

Quant Time: Apr 26 23:52:55 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)

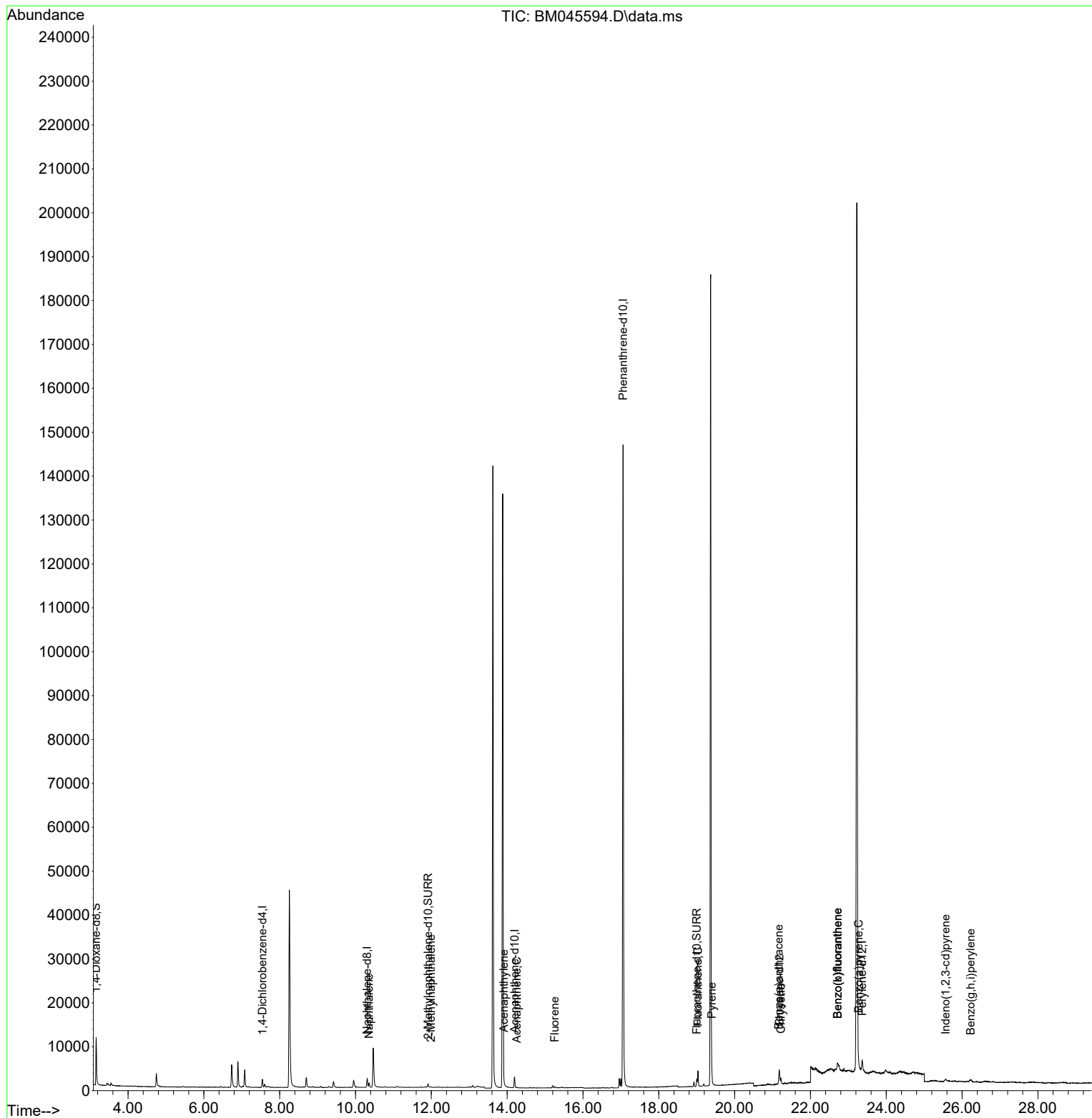
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	1029	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	2771	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1343	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	176964	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.183	240	2244	0.400	ng/ul	# 0.00
23) Perylene-d12	23.366	264	3559	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	6740	4.887	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.914	152	1163	0.318	ng/ul	-0.02
18) Fluoranthene-d10	19.002	212	1905	0.270	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	1362	0.183	ng/ul	98
7) 2-Methylnaphthalene	11.991	142	99	0.023	ng/ul	96
10) Acenaphthylene	13.914	152	310	0.047	ng/ul#	54
11) Acenaphthene	14.257	153	102	0.021	ng/ul#	88
12) Fluorene	15.256	166	232	0.044	ng/ul#	88
19) Fluoranthene	19.034	202	3220	0.311	ng/ul	96
20) Pyrene	19.397	202	3056	0.287	ng/ul	98
21) Benzo(a)anthracene	21.169	228	1736	0.242	ng/ul#	75
22) Chrysene	21.218	228	1375	0.125	ng/ul#	70
24) Benzo(b)fluoranthene	22.715	252	1914	0.160	ng/ul#	1
25) Benzo(k)fluoranthene	22.715	252	2549	0.169	ng/ul#	1
26) Benzo(a)pyrene	23.267	252	1424	0.115	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.564	276	1012	0.056	ng/ul#	51
29) Benzo(g,h,i)perylene	26.228	276	827	0.051	ng/ul#	1

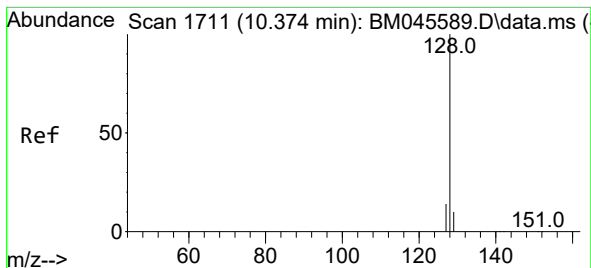
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.183 ng/ul

RT: 10.358 min Scan# 1

Delta R.T. -0.022 min

Lab File: BM045594.D

Acq: 26 Apr 2024 19:02

Instrument :

BNA_N

ClientSampleId :

E1CX3

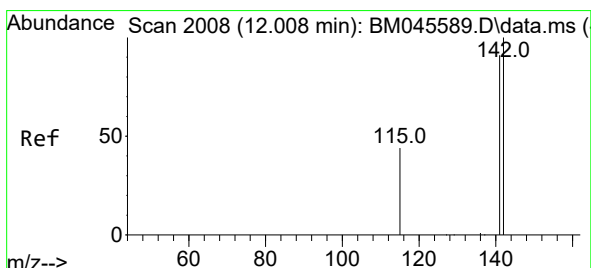
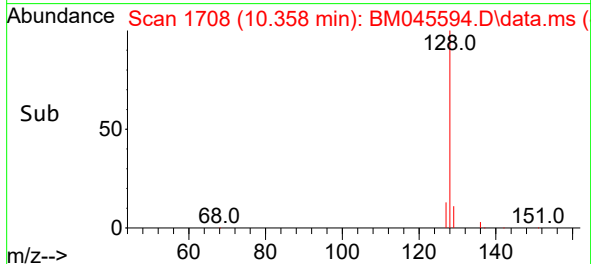
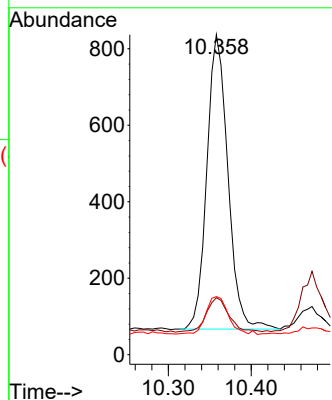
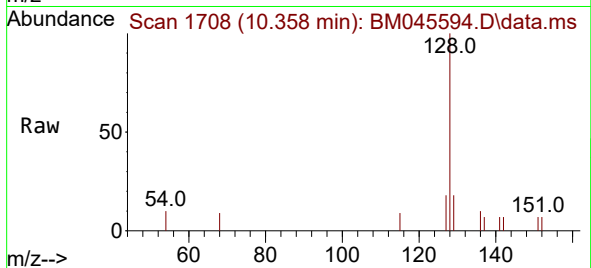
Tgt Ion:128 Resp: 1362

Ion Ratio Lower Upper

128 100

129 17.8 14.0 21.0

127 18.2 15.4 23.2



#7

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 11.991 min Scan# 2005

Delta R.T. -0.017 min

Lab File: BM045594.D

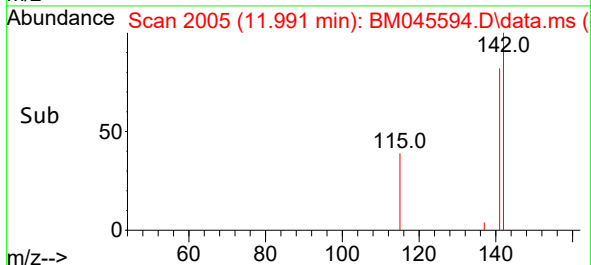
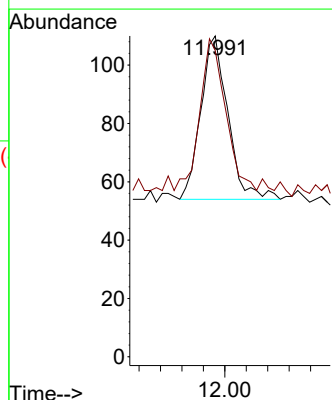
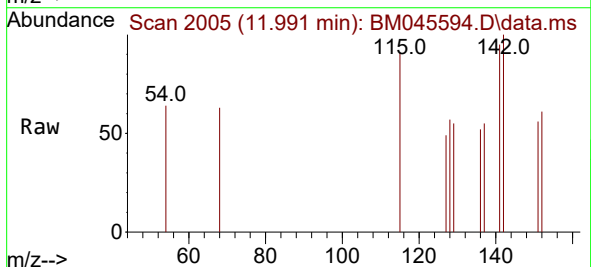
Acq: 26 Apr 2024 19:02

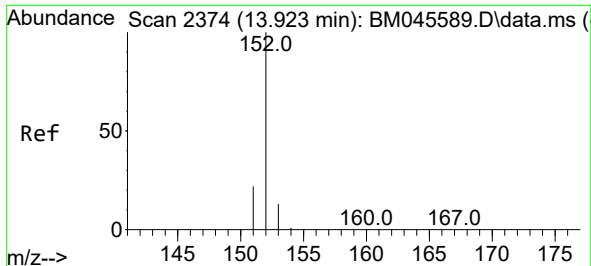
Tgt Ion:142 Resp: 99

Ion Ratio Lower Upper

142 100

141 88.9 74.6 111.8

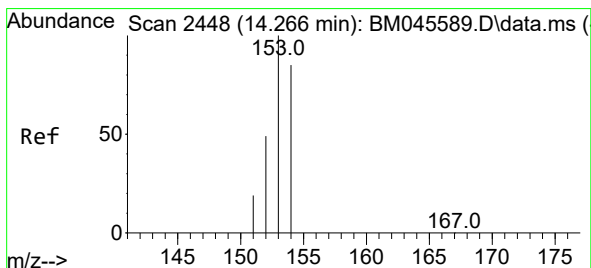
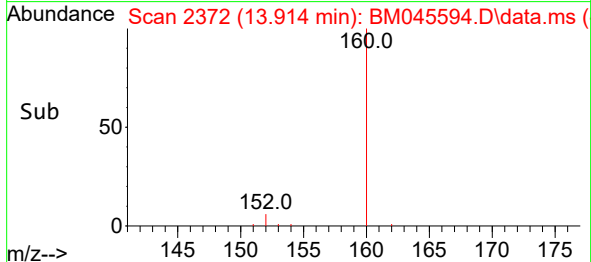
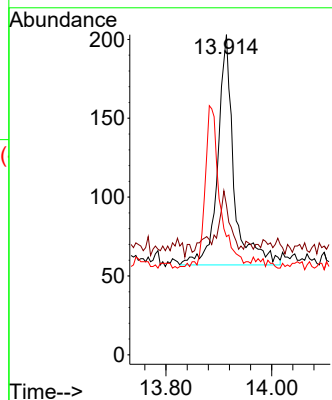
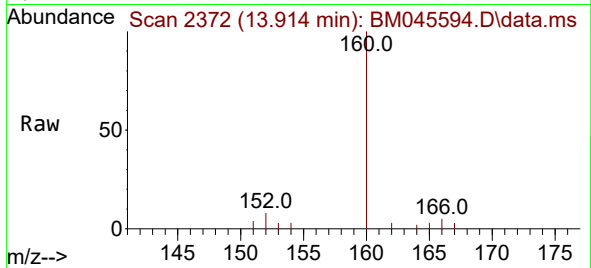




#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.914 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

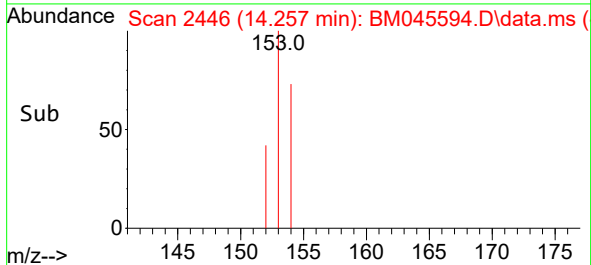
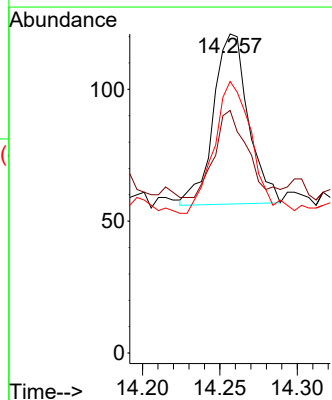
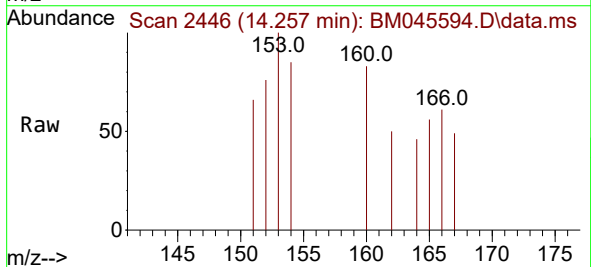
Instrument :
BNA_N
ClientSampleId :
E1CX3

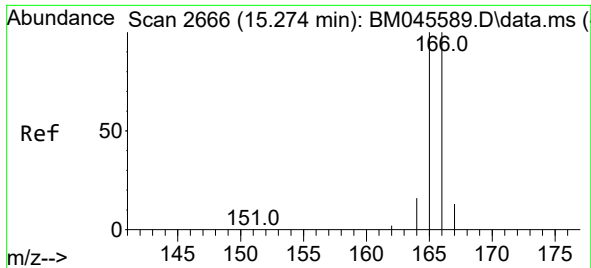
Tgt Ion:152 Resp: 310
Ion Ratio Lower Upper
152 100
151 46.8 18.6 28.0#
153 36.9 14.1 21.1#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.257 min Scan# 2446
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

Tgt Ion:153 Resp: 102
Ion Ratio Lower Upper
153 100
152 76.0 43.4 65.2#
154 85.1 69.0 103.6

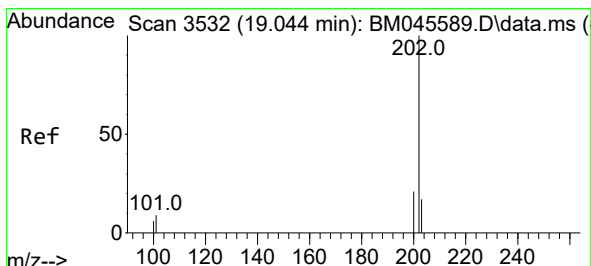
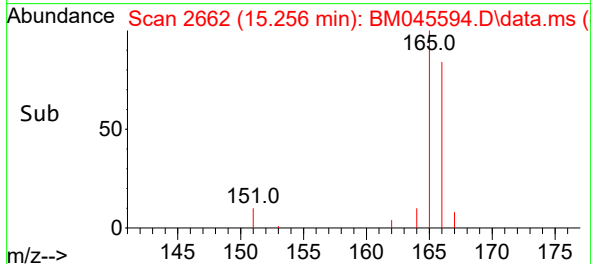
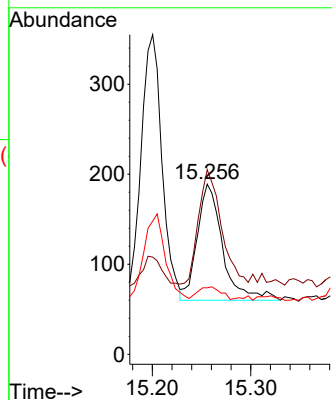
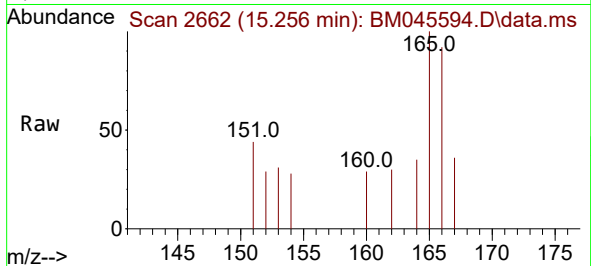




#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.256 min Scan# 20
Delta R.T. -0.022 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

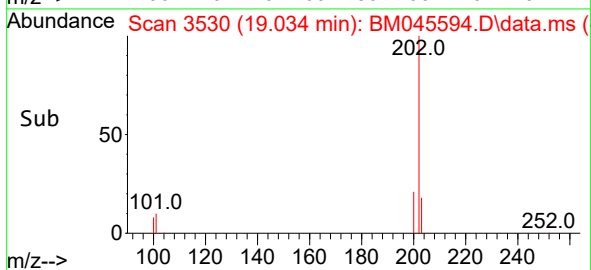
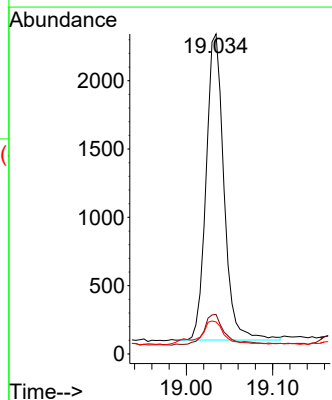
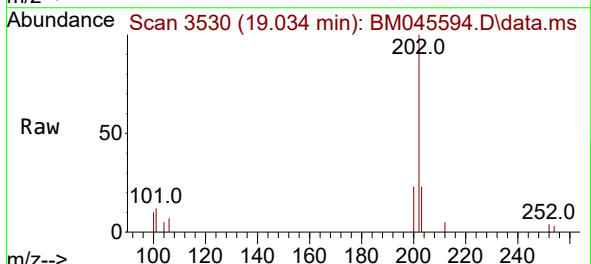
Instrument :
BNA_N
ClientSampleId :
E1CX3

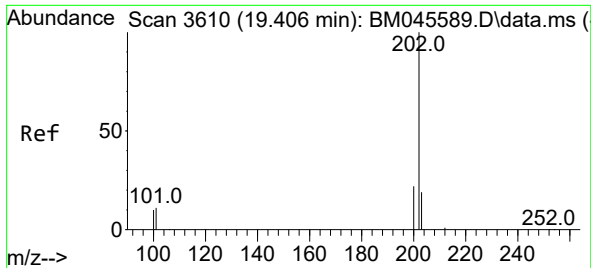
Tgt Ion:166 Resp: 232
Ion Ratio Lower Upper
166 100
165 108.5 82.2 123.2
167 39.2 14.8 22.2#



#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.034 min Scan# 3530
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

Tgt Ion:202 Resp: 3220
Ion Ratio Lower Upper
202 100
101 12.4 11.2 16.8
100 10.0 9.1 13.7

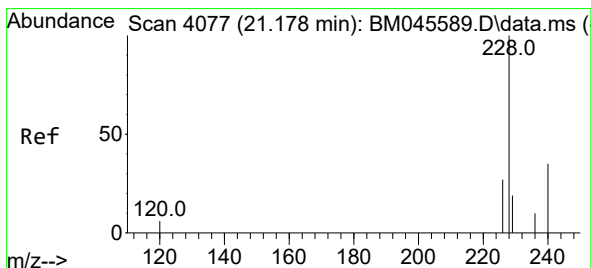
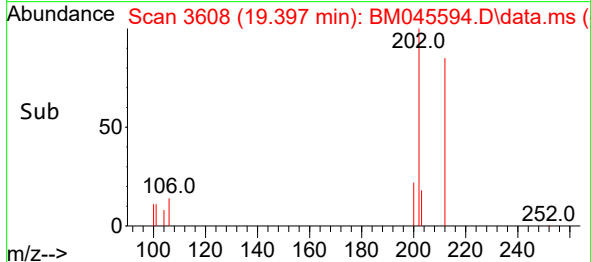
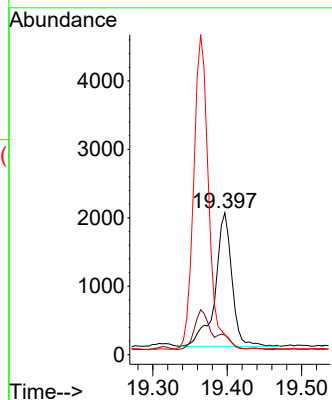
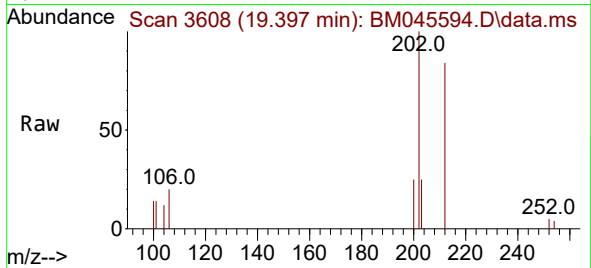




#20
Pyrene
Concen: 0.287 ng/ul
RT: 19.397 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

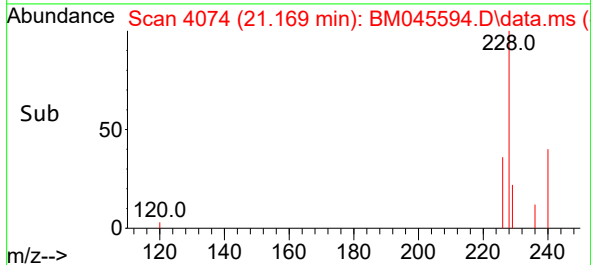
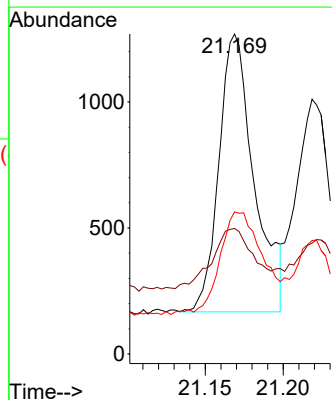
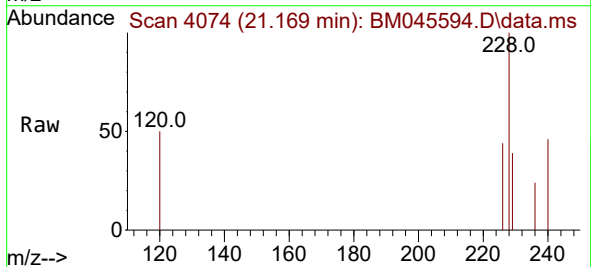
Instrument :
BNA_N
ClientSampleId :
E1CX3

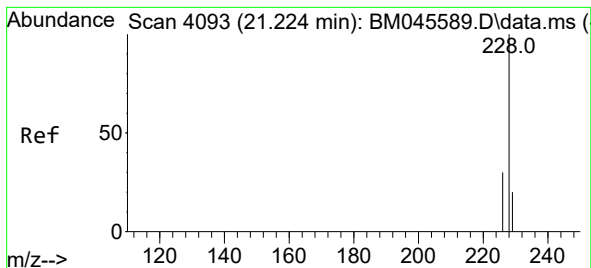
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.5	17.3
100	14.1	10.6	15.8



#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.169 min Scan# 4074
Delta R.T. -0.013 min
Lab File: BM045594.D
Acq: 26 Apr 2024 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.2	19.4	29.2#
226	44.4	26.3	39.5#





#22

Chrysene

Concen: 0.125 ng/ul

RT: 21.218 min Scan# 4091

Delta R.T. -0.010 min

Lab File: BM045594.D

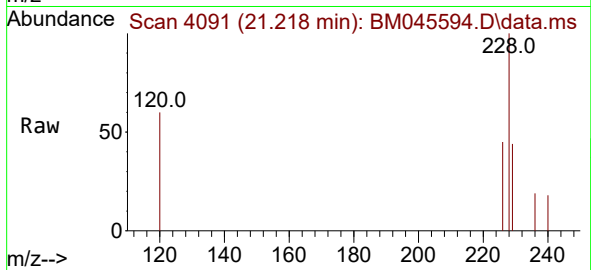
Acq: 26 Apr 2024 19:02

Instrument :

BNA_N

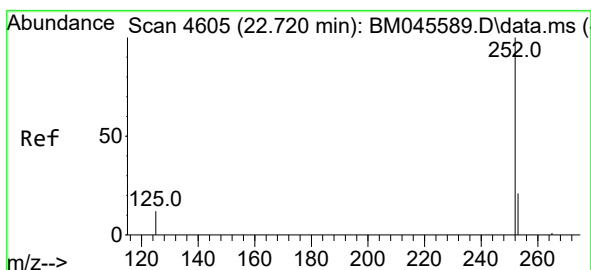
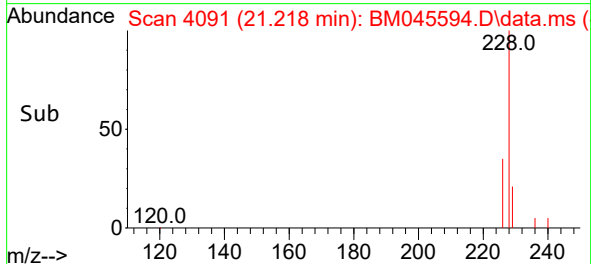
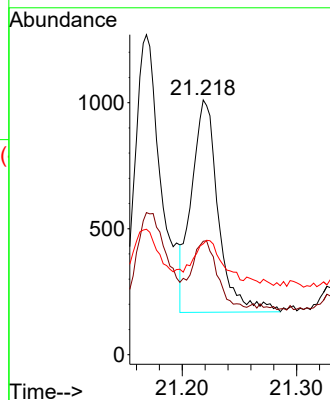
ClientSampleId :

E1CX3



Tgt Ion:228 Resp: 1375

Ion	Ratio	Lower	Upper
228	100		
226	44.5	26.3	39.5#
229	43.5	17.8	26.8#



#24

Benzo(b)fluoranthene

Concen: 0.160 ng/ul

RT: 22.715 min Scan# 4603

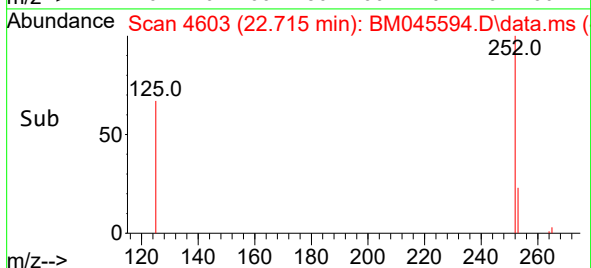
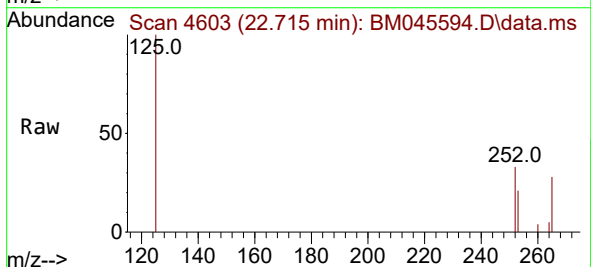
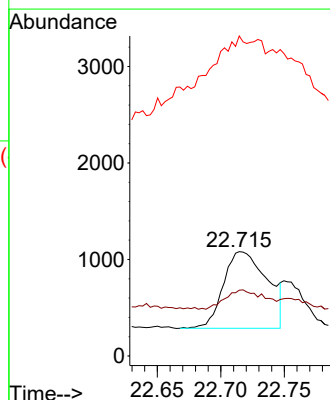
Delta R.T. -0.015 min

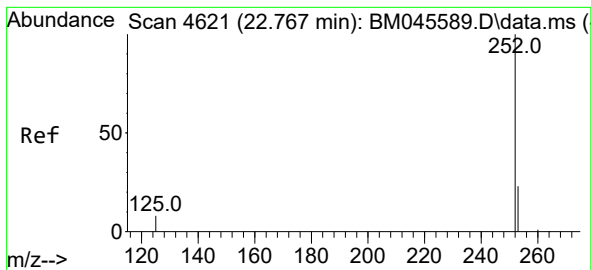
Lab File: BM045594.D

Acq: 26 Apr 2024 19:02

Tgt Ion:252 Resp: 1914

Ion	Ratio	Lower	Upper
252	100		
253	63.1	0.0	63.4
125	306.8	0.0	36.8#





#25

Benzo(k)fluoranthene

Concen: 0.169 ng/ul

RT: 22.715 min Scan# 4

Delta R.T. -0.056 min

Lab File: BM045594.D

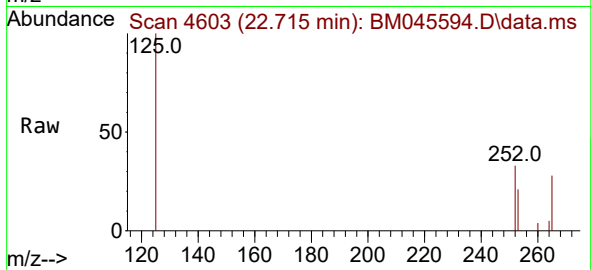
Acq: 26 Apr 2024 19:02

Instrument :

BNA_N

ClientSampleId :

E1CX3



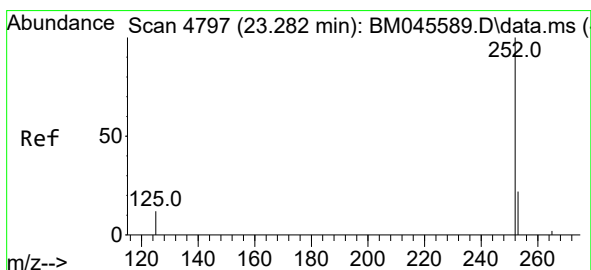
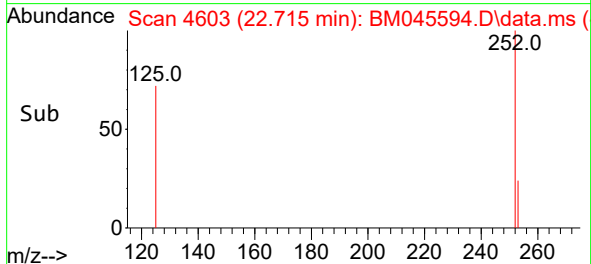
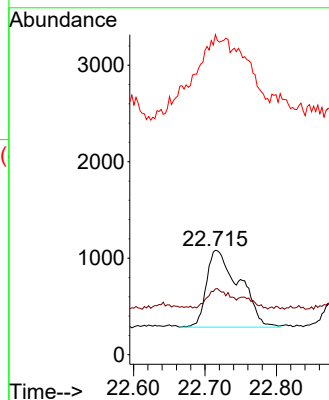
Tgt Ion:252 Resp: 2549

Ion Ratio Lower Upper

252 100

253 63.1 25.4 38.0#

125 306.8 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.115 ng/ul

RT: 23.267 min Scan# 4792

Delta R.T. -0.024 min

Lab File: BM045594.D

Acq: 26 Apr 2024 19:02

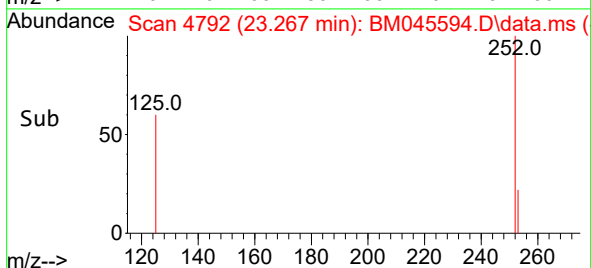
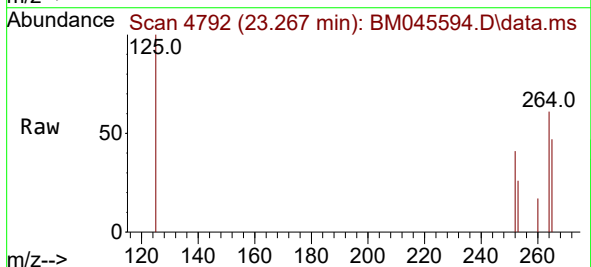
Tgt Ion:252 Resp: 1424

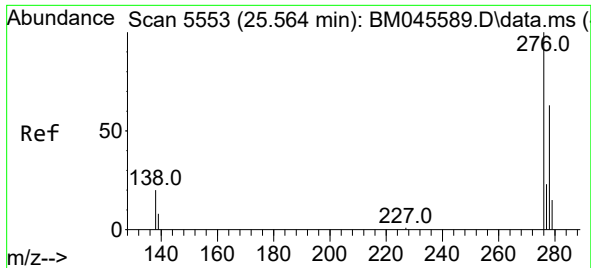
Ion Ratio Lower Upper

252 100

253 62.7 31.6 47.4#

125 242.7 19.5 29.3#

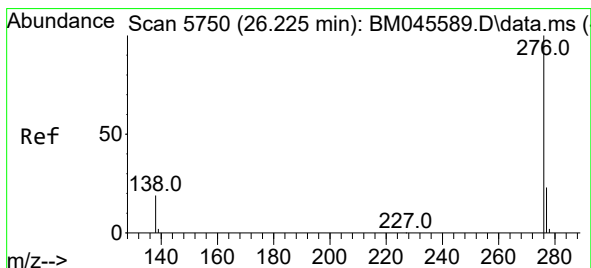
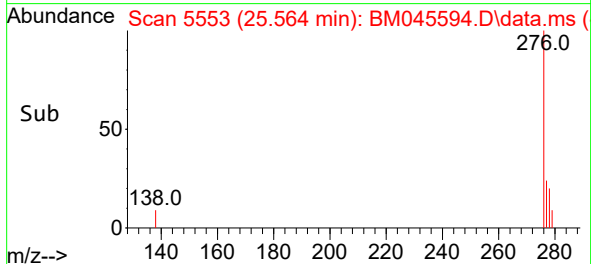
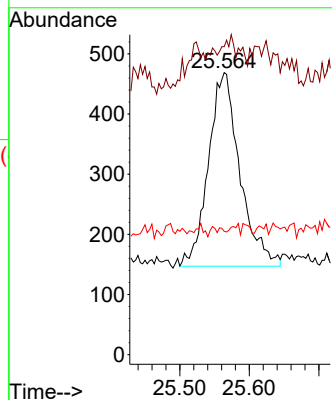
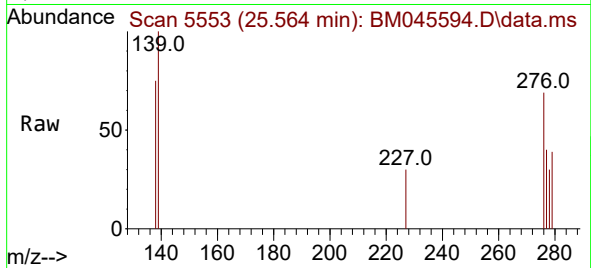




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.056 ng/ul
 RT: 25.564 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: BM045594.D
 Acq: 26 Apr 2024 19:02

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Tgt Ion:276 Resp: 1012
 Ion Ratio Lower Upper
 276 100
 138 0.0 19.8 29.6#
 227 1.0 0.2 0.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.051 ng/ul
 RT: 26.228 min Scan# 5751
 Delta R.T. -0.008 min
 Lab File: BM045594.D
 Acq: 26 Apr 2024 19:02

Tgt Ion:276 Resp: 827
 Ion Ratio Lower Upper
 276 100
 138 124.6 20.8 31.2#
 277 61.7 21.8 32.8#

