

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046601.D
 Acq On : 15 Jul 2024 18:13
 Operator : MA/JU
 Sample : P3035-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 16 00:24:33 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

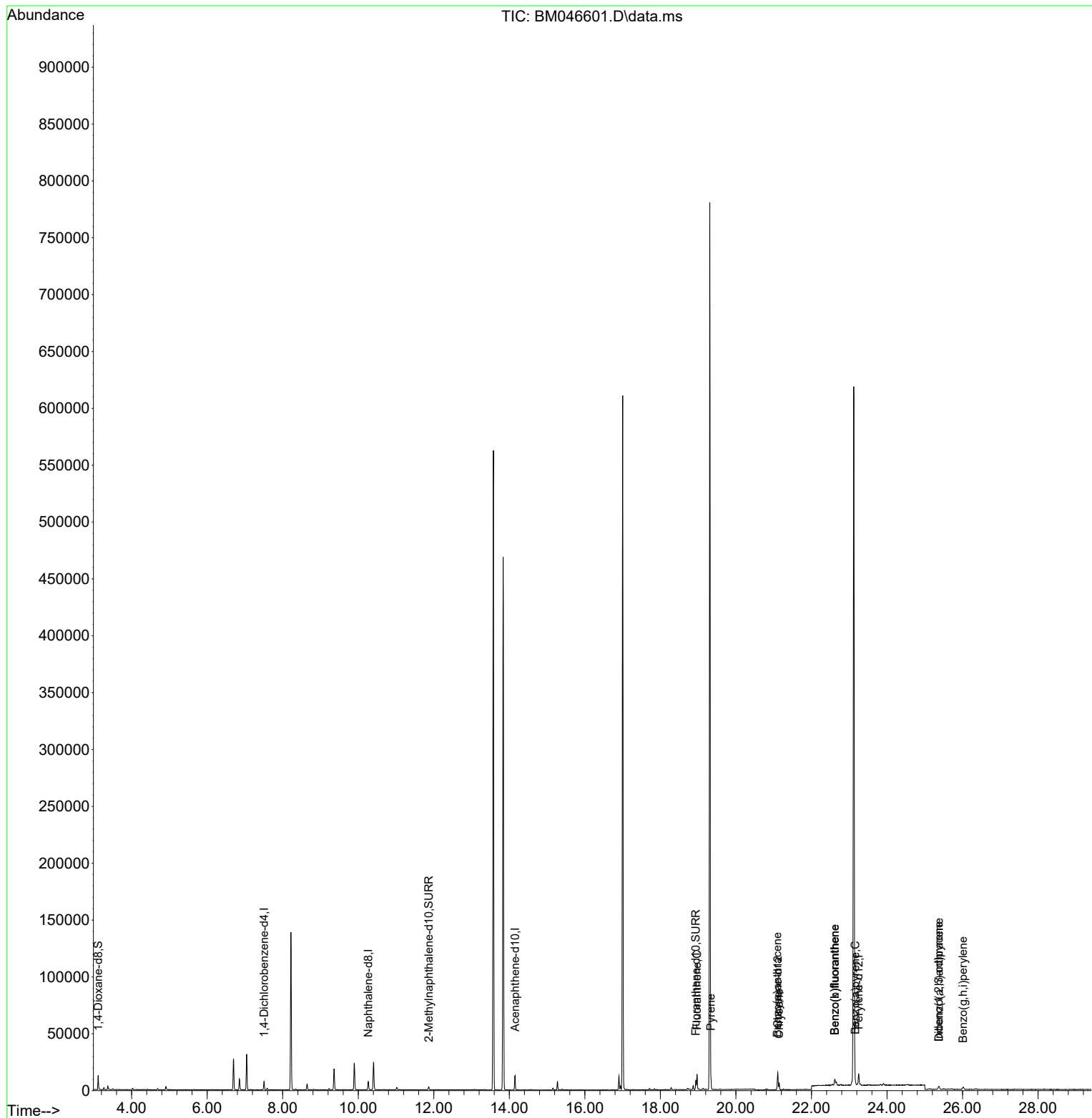
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3455	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9452	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6535	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.108	240	12023	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	12574	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7067	2.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3386	0.222	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	8730	0.239	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Fluoranthene	18.970	202	12237	0.248	ng/ul#	99
20) Pyrene	19.337	202	11036	0.206	ng/ul	98
21) Benzo(a)anthracene	21.093	228	4408	0.083	ng/ul	94
22) Chrysene	21.143	228	5724	0.111	ng/ul	96
24) Benzo(b)fluoranthene	22.618	252	11131	0.222	ng/ul	87
25) Benzo(k)fluoranthene	22.618	252	11112	0.225	ng/ul#	86
26) Benzo(a)pyrene	23.159	252	4237	0.103	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.373	276	4045	0.064	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	1040	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.014	276	3969	0.079	ng/ul#	85

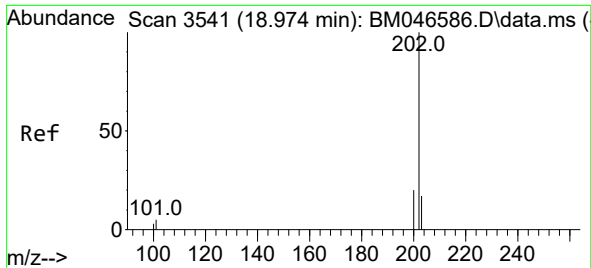
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Jul 16 00:24:33 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 : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

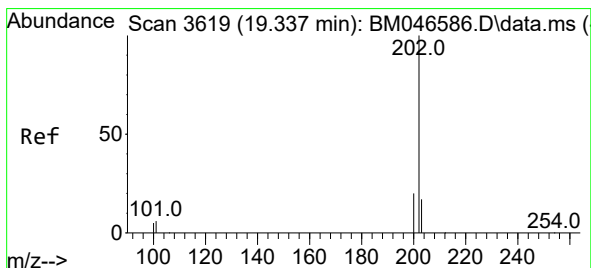
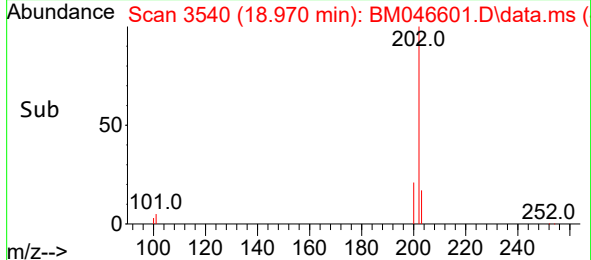
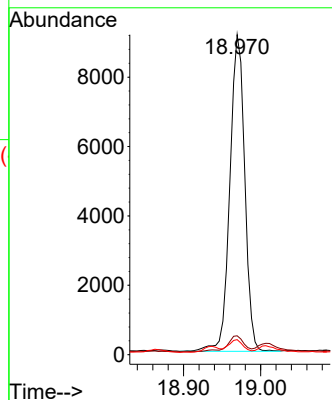
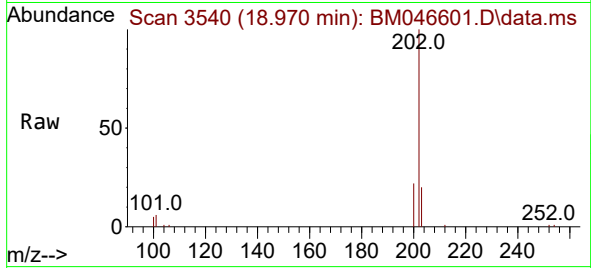




#19
Fluoranthene
Concen: 0.248 ng/ul
RT: 18.970 min Scan# 3541
Delta R.T. -0.000 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

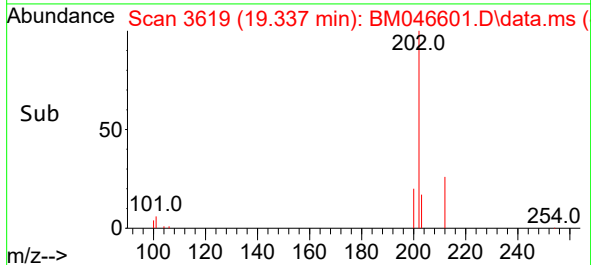
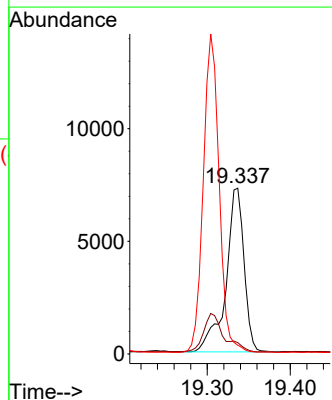
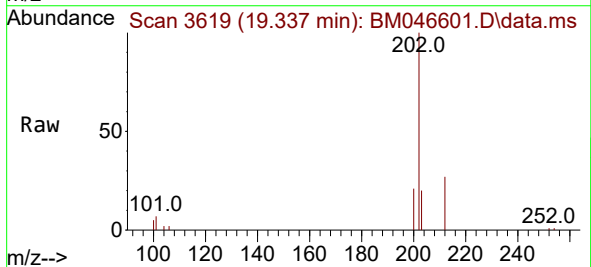
Instrument :
BNA_M
ClientSampleId :

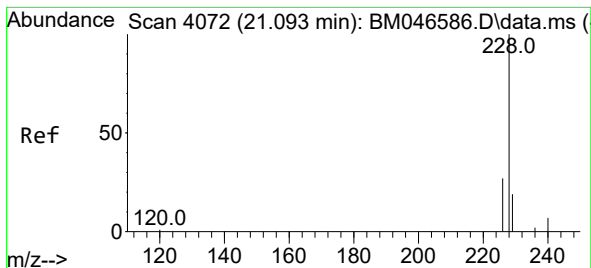
Tgt Ion:202 Resp: 12237
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.7 3.0 4.6#



#20
Pyrene
Concen: 0.206 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Tgt Ion:202 Resp: 11036
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.3 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.083 ng/ul

RT: 21.093 min Scan# 4072

Delta R.T. 0.005 min

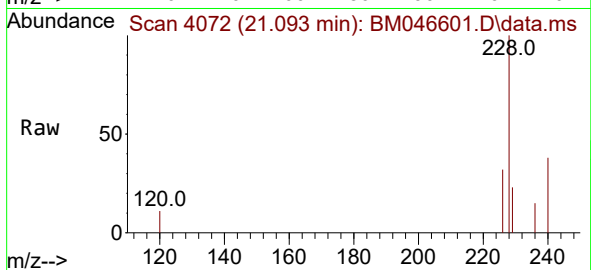
Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

Instrument :

BNA_M

ClientSampleId :



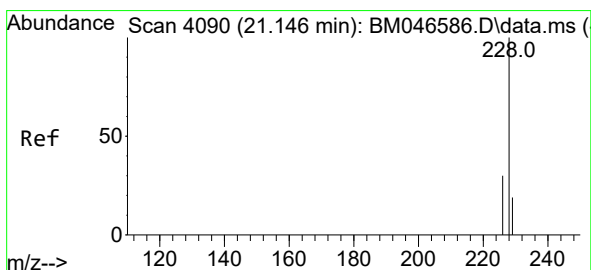
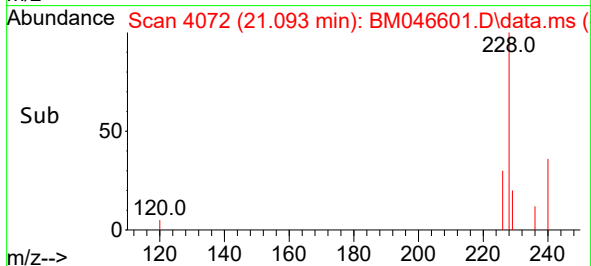
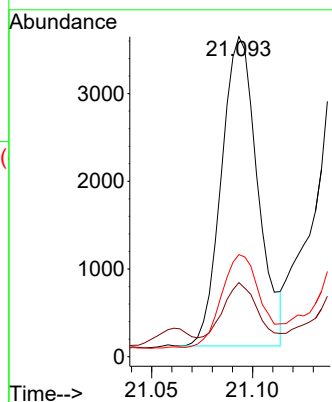
Tgt Ion:228 Resp: 4408

Ion Ratio Lower Upper

228 100

229 23.2 16.5 24.7

226 31.9 22.5 33.7



#22

Chrysene

Concen: 0.111 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. 0.003 min

Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

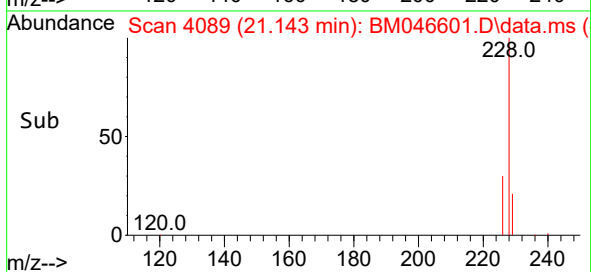
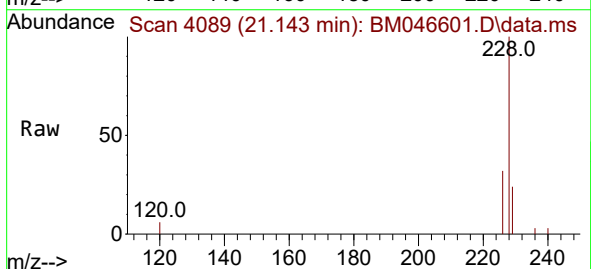
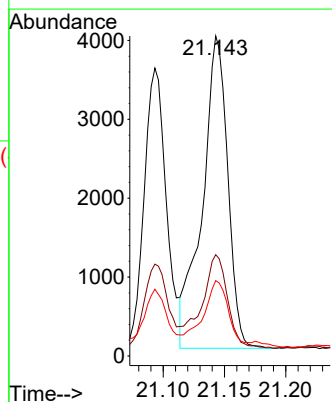
Tgt Ion:228 Resp: 5724

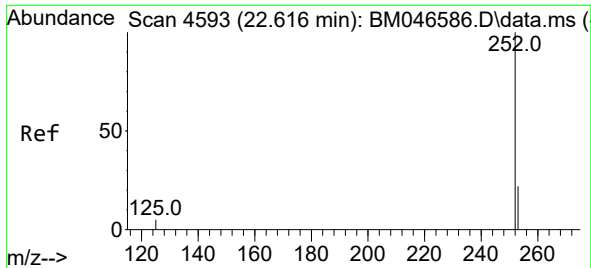
Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 23.6 16.4 24.6

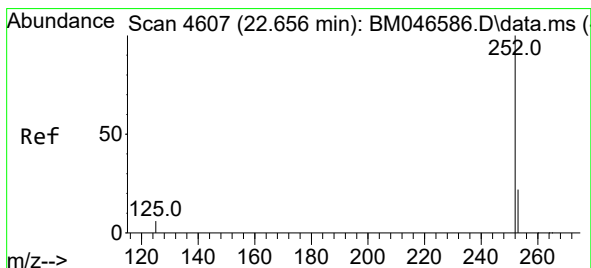
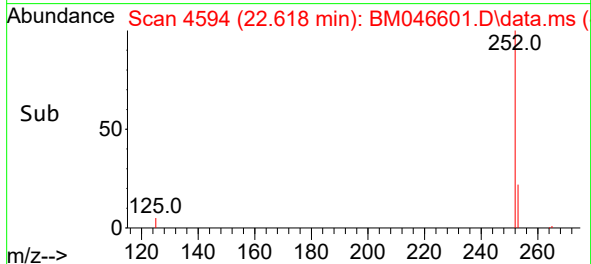
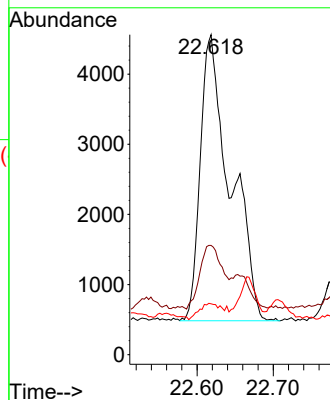
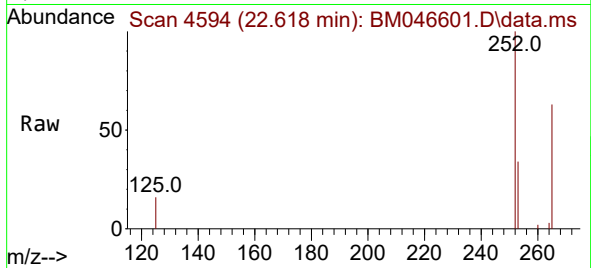




#24
Benzo(b)fluoranthene
Concen: 0.222 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

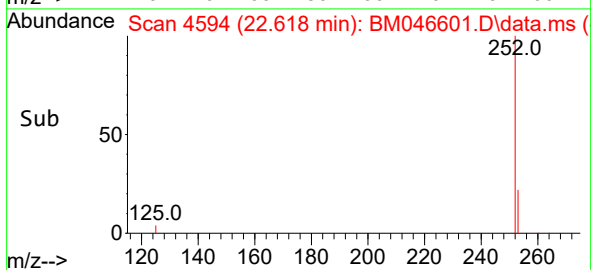
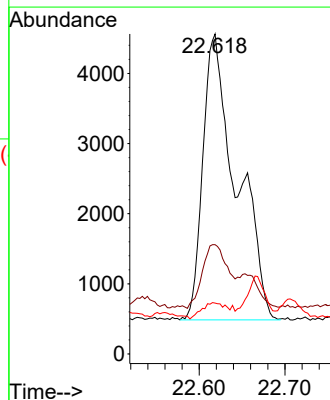
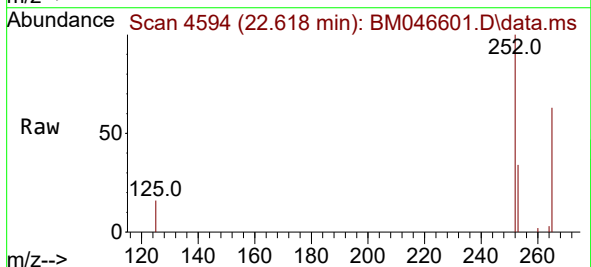
Instrument :
BNA_M
ClientSampleId :

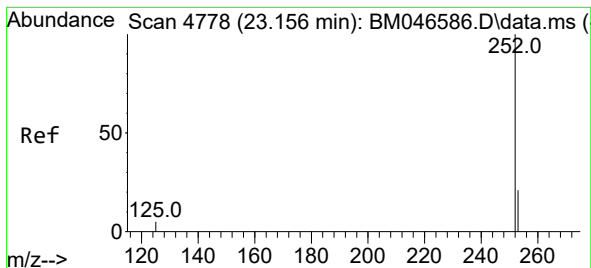
Tgt Ion:252 Resp: 11131
Ion Ratio Lower Upper
252 100
253 34.2 0.0 56.2
125 15.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.225 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. -0.033 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Tgt Ion:252 Resp: 11112
Ion Ratio Lower Upper
252 100
253 34.2 22.4 33.6#
125 15.9 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.159 min Scan# 4779

Delta R.T. 0.008 min

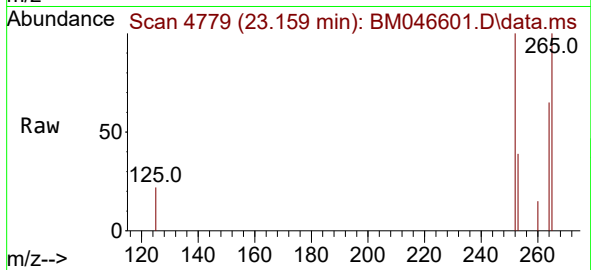
Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

Instrument :

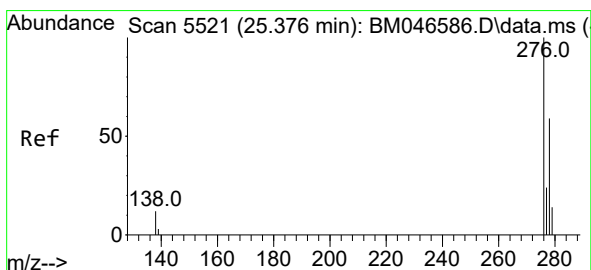
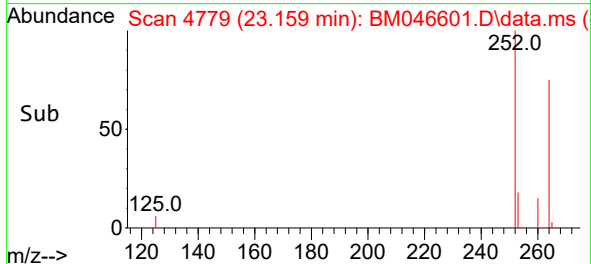
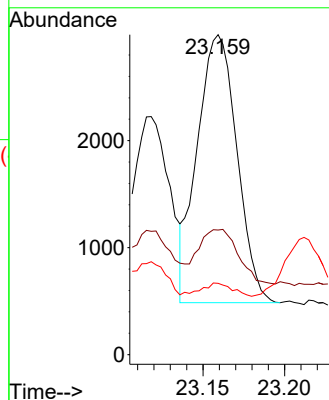
BNA_M

ClientSampleId :



Tgt Ion:252 Resp: 4237

Ion	Ratio	Lower	Upper
252	100		
253	39.0	24.0	36.0#
125	22.3	8.2	12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/ul

RT: 25.373 min Scan# 5520

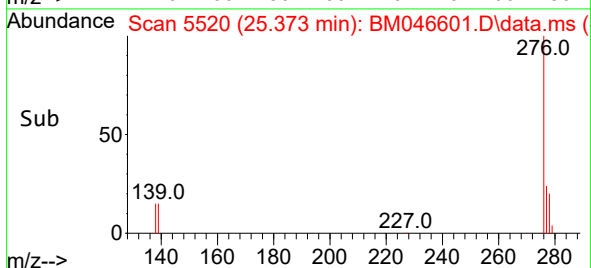
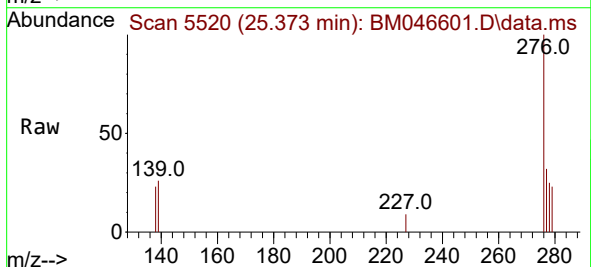
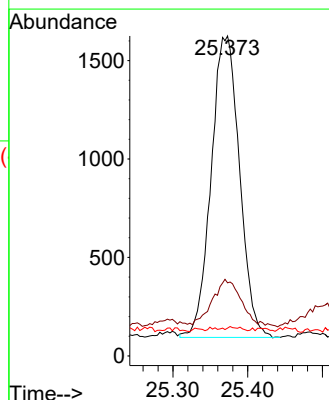
Delta R.T. 0.013 min

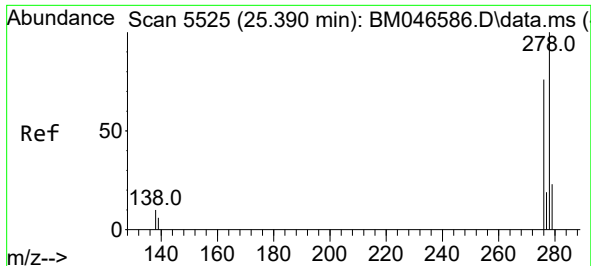
Lab File: BM046601.D

Acq: 15 Jul 2024 18:13

Tgt Ion:276 Resp: 4045

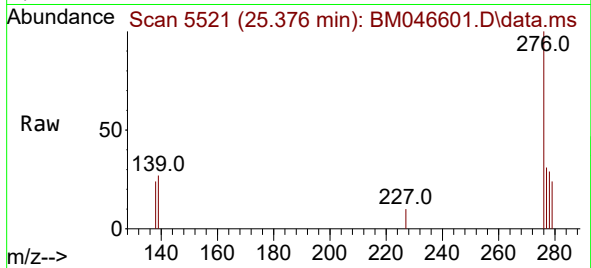
Ion	Ratio	Lower	Upper
276	100		
138	16.4	0.0	0.0#
227	0.5	0.2	0.2#



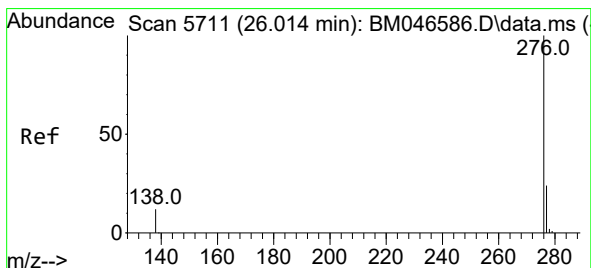
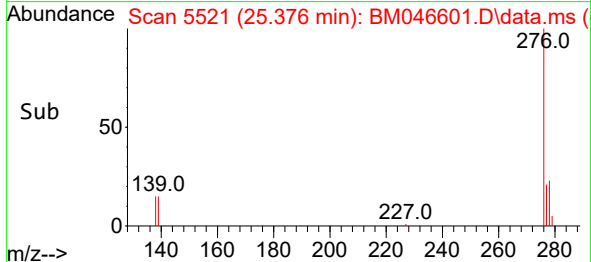
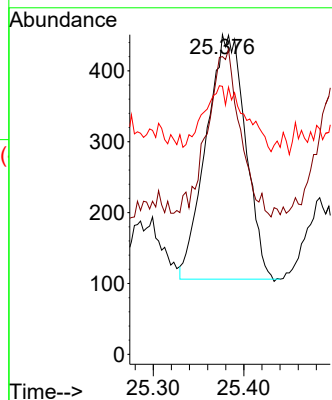


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.376 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 1040
Ion Ratio Lower Upper
278 100
139 93.1 9.1 13.7#
279 83.8 23.2 34.8#



#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 26.014 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046601.D
Acq: 15 Jul 2024 18:13

Tgt Ion:276 Resp: 3969
Ion Ratio Lower Upper
276 100
138 21.7 10.2 15.4#
277 32.0 20.9 31.3#

