

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046171.D
 Acq On : 21 Jun 2024 21:56
 Operator : MA/JU
 Sample : P2754-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX9

Quant Time: Jun 21 22:28:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

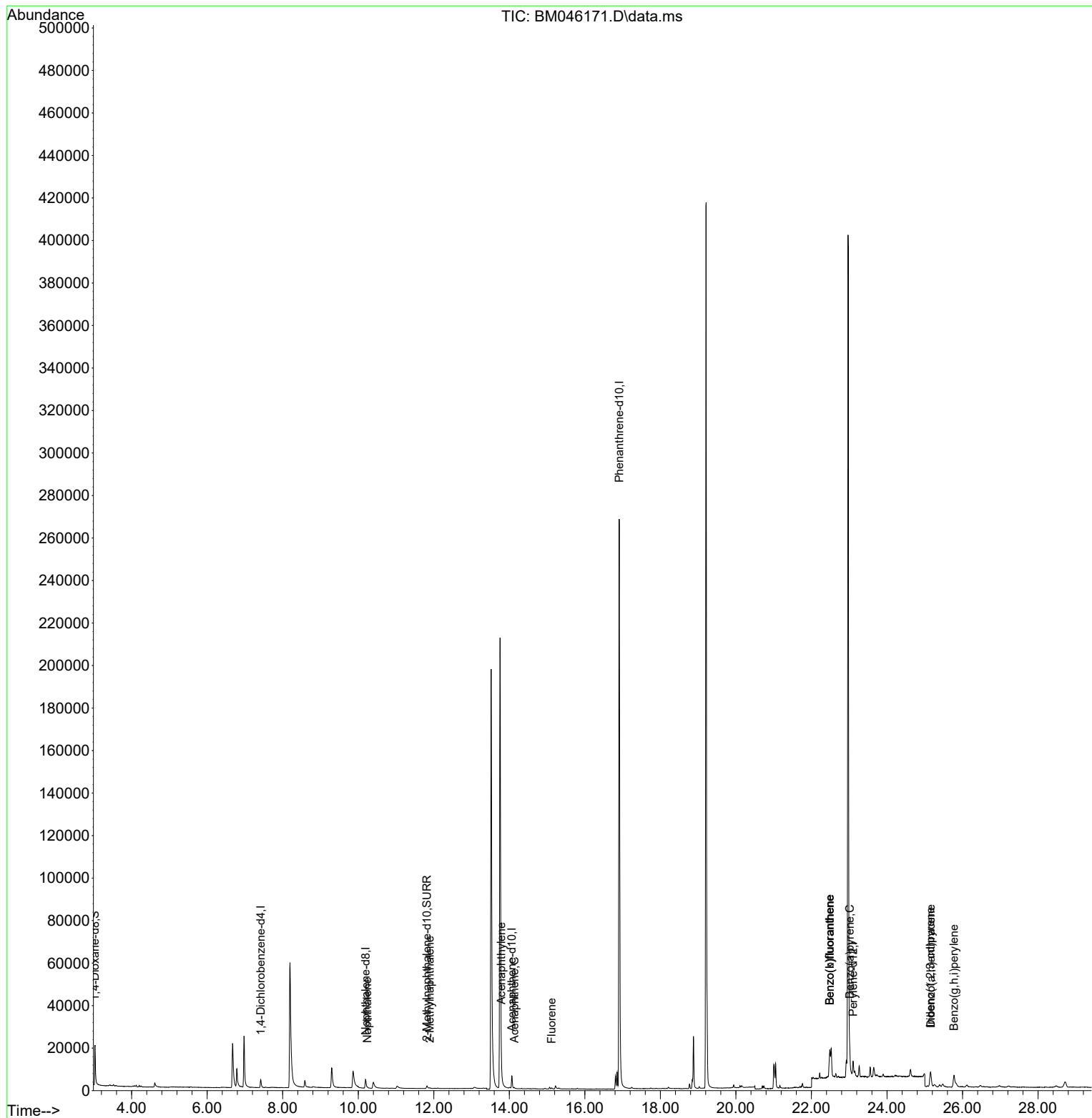
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2402	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	6870	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.066	164	3799	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.912	188	349908	0.400	ng/ul	# 0.05
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.101	264	10721	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11313	3.433	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.821	152	2317	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	4734	0.000	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.242	128	566	0.030	ng/ul#	59
7) 2-Methylnaphthalene	11.892	142	282	0.026	ng/ul	92
10) Acenaphthylene	13.788	152	1089	0.060	ng/ul#	75
11) Acenaphthene	14.131	153	360	0.028	ng/ul#	92
12) Fluorene	15.121	166	401	0.029	ng/ul#	93
24) Benzo(b)fluoranthene	22.487	252	27541	0.713	ng/ul	96
25) Benzo(k)fluoranthene	22.487	252	27541	0.600	ng/ul	95
26) Benzo(a)pyrene	23.011	252	11703	0.327	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.152	276	11349	0.194	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.159	278	2386	0.055	ng/ul#	1
29) Benzo(g,h,i)perylene	25.773	276	12007	0.239	ng/ul	98

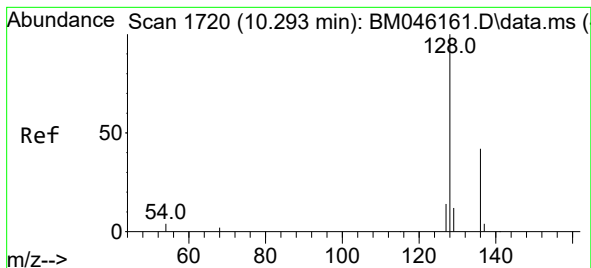
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.030 ng/ul

RT: 10.242 min Scan# 1711

Delta R.T. -0.060 min

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A4CX9

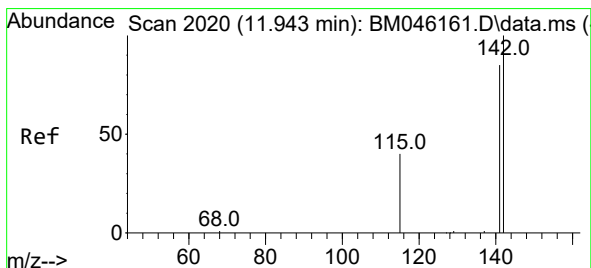
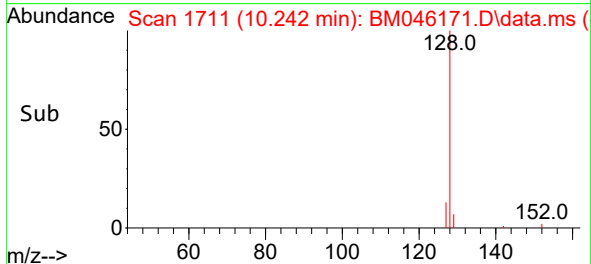
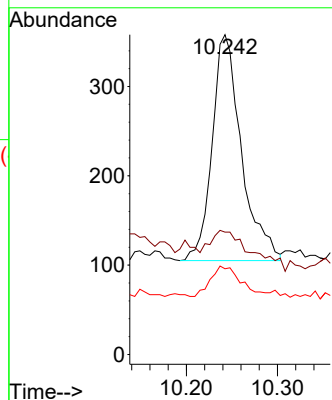
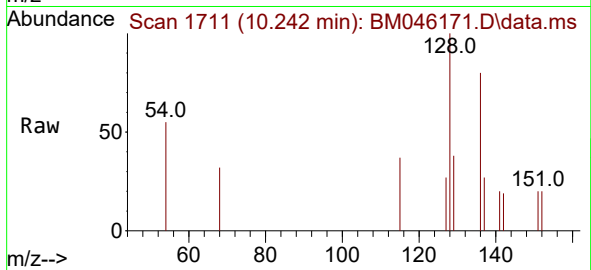
Tgt Ion:128 Resp: 566

Ion Ratio Lower Upper

128 100

129 38.3 11.8 17.6#

127 26.8 12.8 19.2#



#7

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 11.892 min Scan# 2011

Delta R.T. -0.055 min

Lab File: BM046171.D

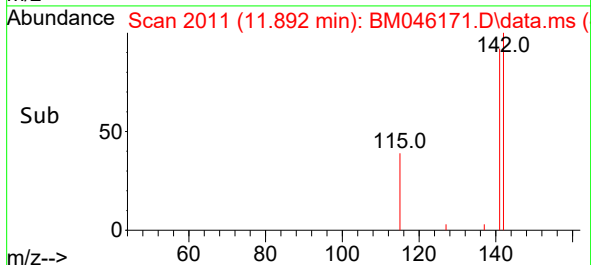
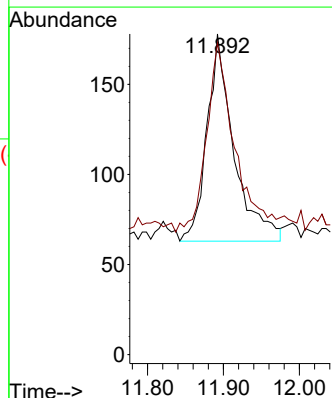
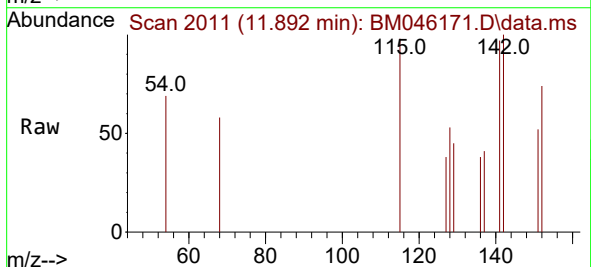
Acq: 21 Jun 2024 21:56

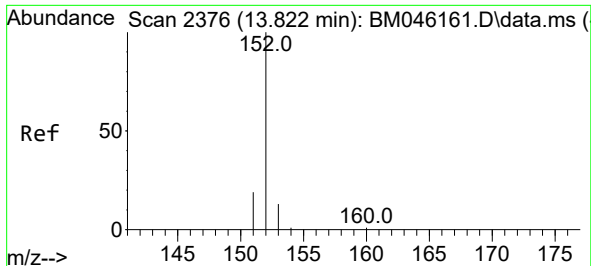
Tgt Ion:142 Resp: 282

Ion Ratio Lower Upper

142 100

141 100.7 74.6 111.8

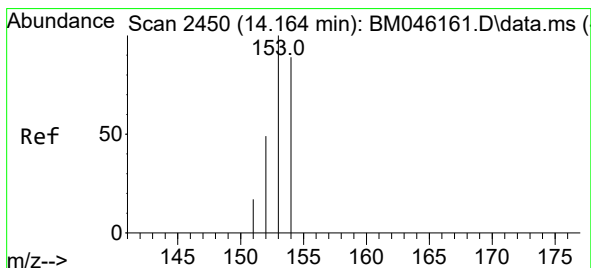
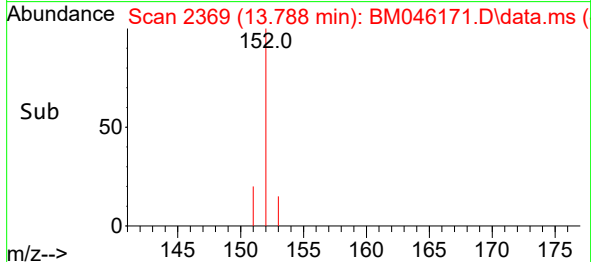
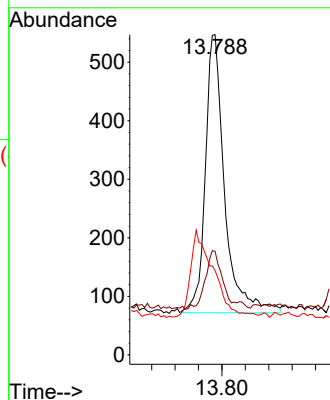
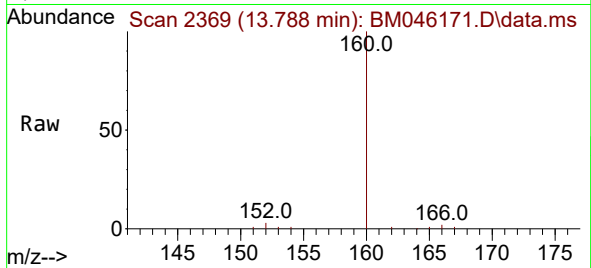




#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

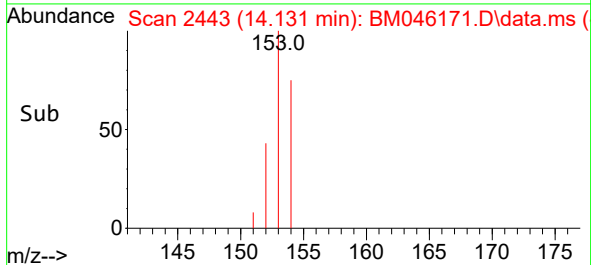
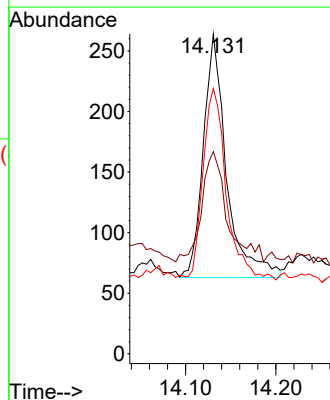
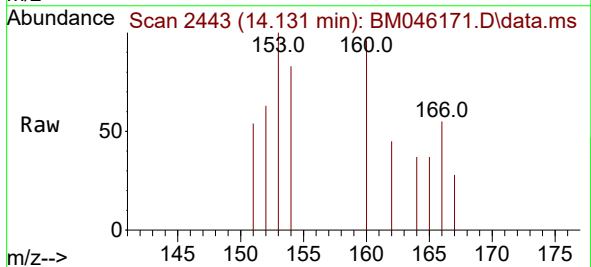
Instrument :
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A4CX9

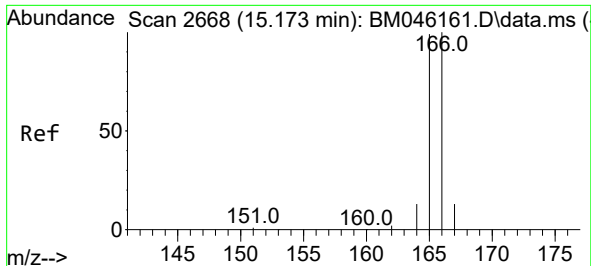
Tgt Ion:152 Resp: 1089
Ion Ratio Lower Upper
152 100
151 32.4 17.4 26.2#
153 26.3 11.8 17.8#



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

Tgt Ion:153 Resp: 360
Ion Ratio Lower Upper
153 100
152 63.3 41.3 61.9#
154 83.0 68.2 102.4

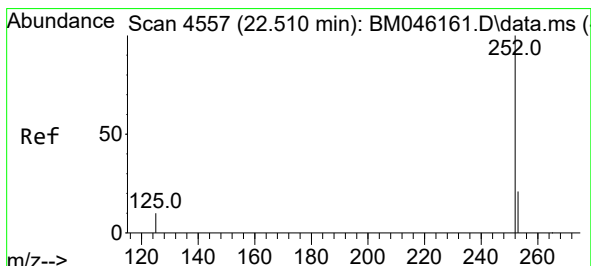
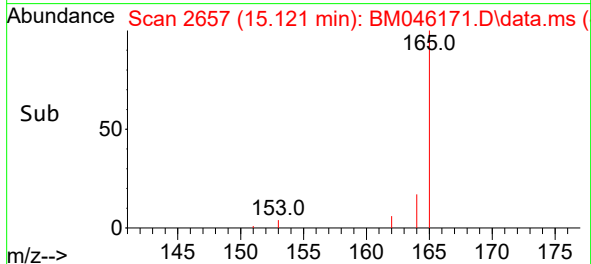
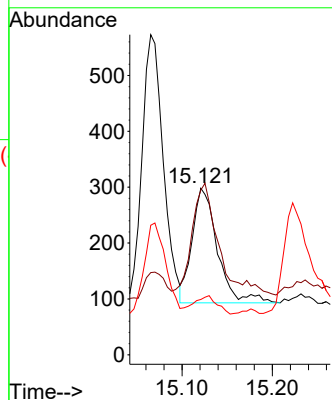
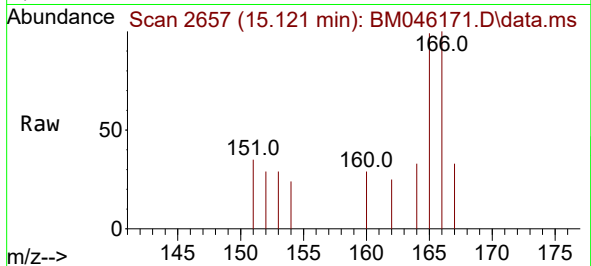




#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.121 min Scan# 2
Delta R.T. -0.060 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

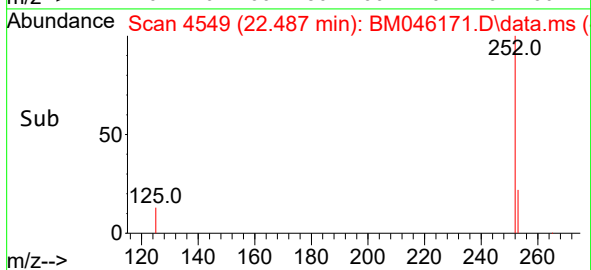
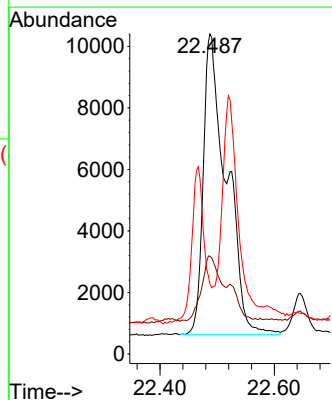
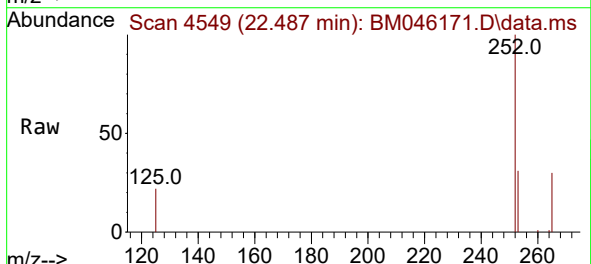
Instrument :
BNA_M
ClientSampleId :
A4CX9

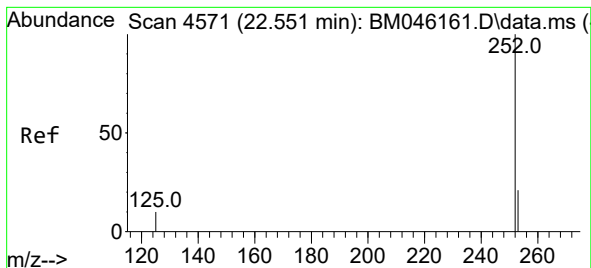
Tgt Ion:166 Resp: 401
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 33.2 12.4 18.6#



#24
Benzo(b)fluoranthene
Concen: 0.713 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

Tgt Ion:252 Resp: 27541
Ion Ratio Lower Upper
252 100
253 30.5 0.0 65.8
125 21.9 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.600 ng/ul

RT: 22.487 min Scan# 4

Delta R.T. -0.076 min

Lab File: BM046171.D

Acq: 21 Jun 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4CX9

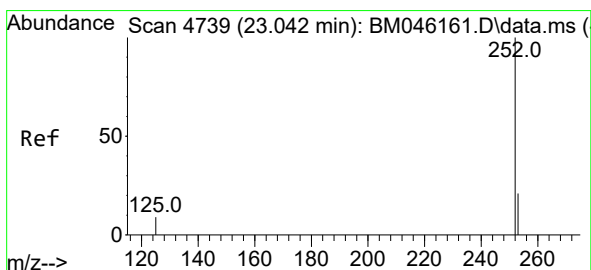
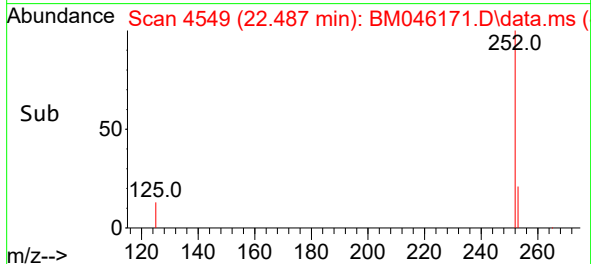
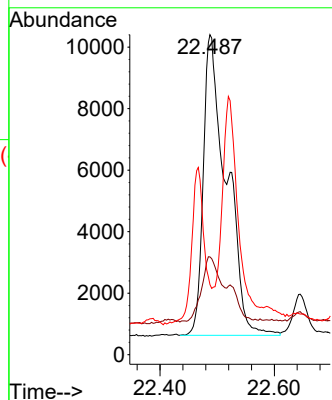
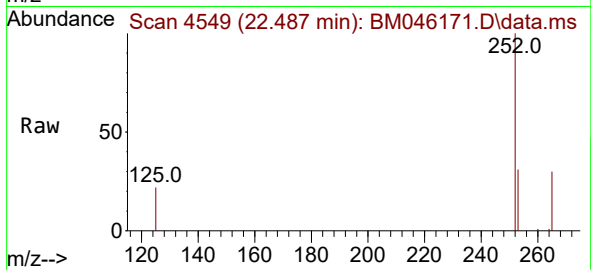
Tgt Ion:252 Resp: 27541

Ion Ratio Lower Upper

252 100

253 30.5 27.2 40.8

125 21.9 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.327 ng/ul

RT: 23.011 min Scan# 4728

Delta R.T. -0.044 min

Lab File: BM046171.D

Acq: 21 Jun 2024 21:56

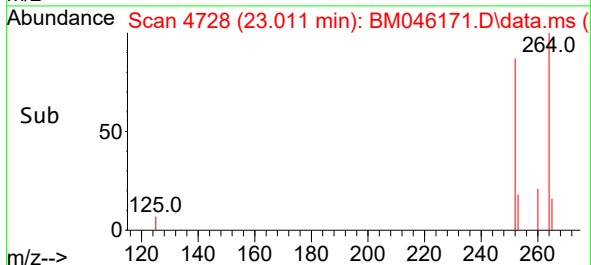
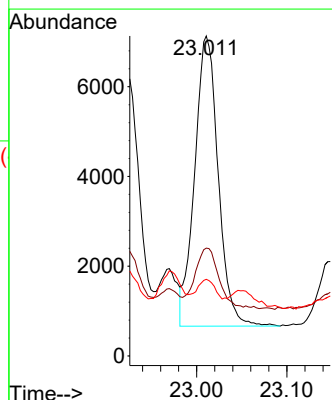
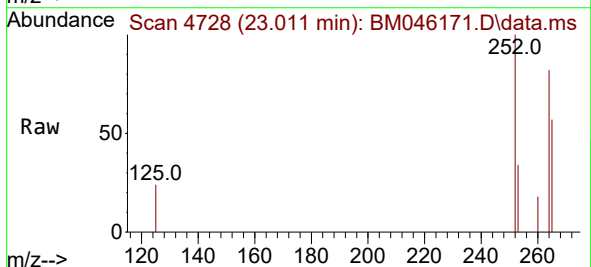
Tgt Ion:252 Resp: 11703

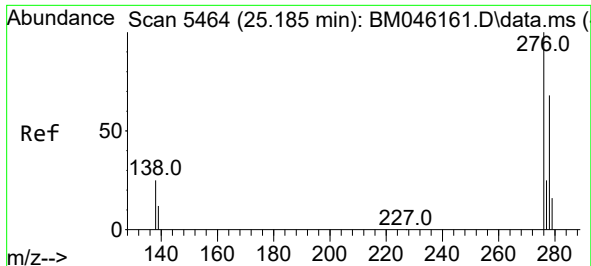
Ion Ratio Lower Upper

252 100

253 33.7 32.1 48.1

125 24.0 21.2 31.8

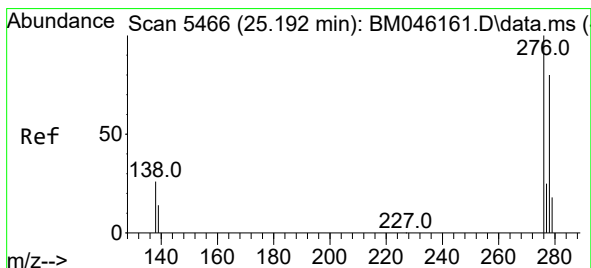
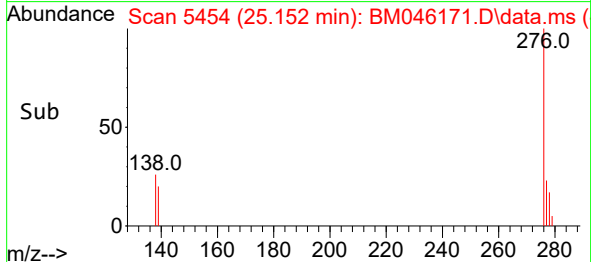
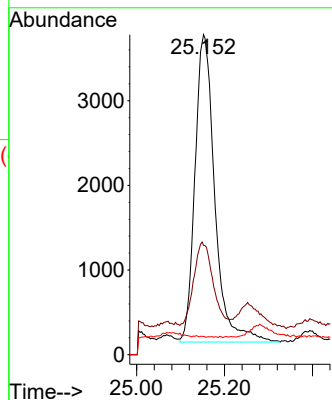
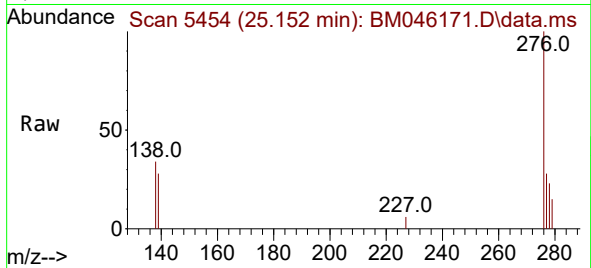




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.194 ng/ul
 RT: 25.152 min Scan# 54
 Delta R.T. -0.050 min
 Lab File: BM046171.D
 Acq: 21 Jun 2024 21:56

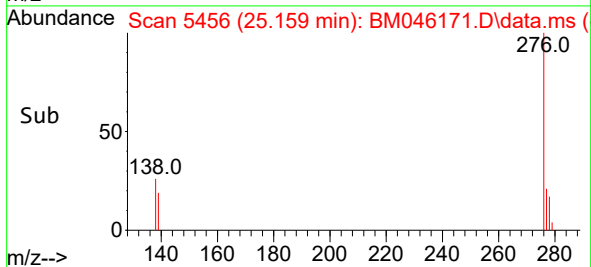
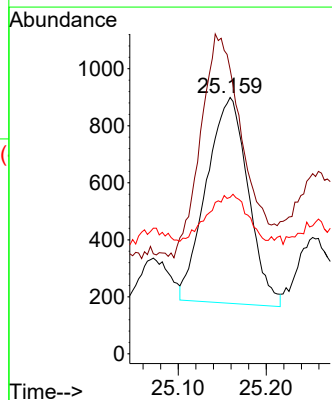
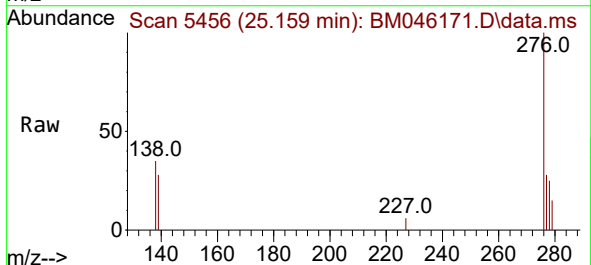
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 BNA_M
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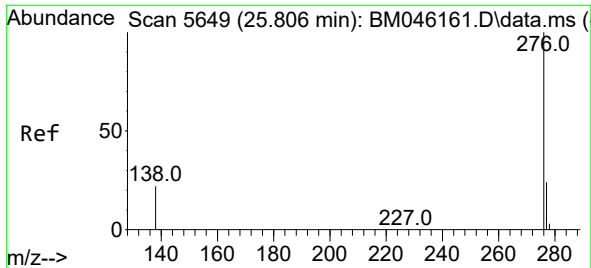
Tgt Ion:276 Resp: 11349
 Ion Ratio Lower Upper
 276 100
 138 27.8 21.0 31.4
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/ul
 RT: 25.159 min Scan# 5456
 Delta R.T. -0.057 min
 Lab File: BM046171.D
 Acq: 21 Jun 2024 21:56

Tgt Ion:278 Resp: 2386
 Ion Ratio Lower Upper
 278 100
 139 111.0 17.6 26.4#
 279 61.1 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.239 ng/ul
RT: 25.773 min Scan# 50
Delta R.T. -0.057 min
Lab File: BM046171.D
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Instrument :
BNA_M
ClientSampleId :
A4CX9

Tgt Ion:	276	Resp:	12007
Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.7	32.5
277	26.7	20.4	30.6

