

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046576.D
 Acq On : 13 Jul 2024 10:49
 Operator : MA/JU
 Sample : P3088-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CY4

Quant Time: Jul 15 09:00:41 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)

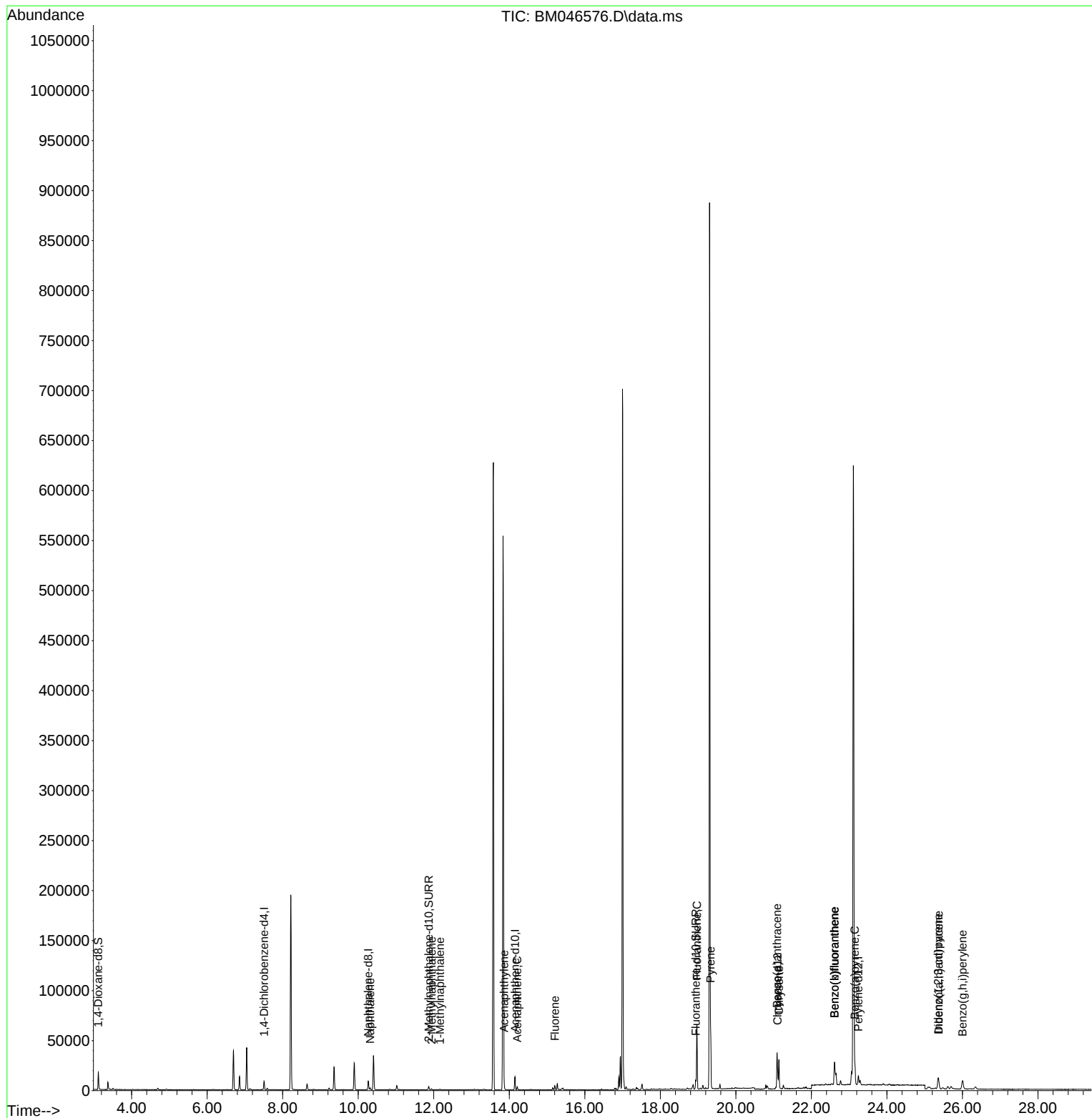
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	4192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	11447	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.150	164	6990	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.105	240	10947	0.400	ng/ul #	0.00
23) Perylene-d12	23.244	264	11851	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	10692	3.104	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4226	0.229	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	9570	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.315	128	2477	0.085	ng/ul	97
7) 2-Methylnaphthalene	11.943	142	692	0.034	ng/ul	94
8) 1-Methylnaphthalene	12.163	142	494	0.024	ng/ul	91
10) Acenaphthylene	13.864	152	4386	0.138	ng/ul	98
11) Acenaphthene	14.211	153	1798	0.084	ng/ul	97
12) Fluorene	15.205	166	2504	0.095	ng/ul	91
19) Fluoranthene	18.970	202	58795	1.308	ng/ul	99
20) Pyrene	19.332	202	49426	1.015	ng/ul#	97
21) Benzo(a)anthracene	21.090	228	27515	0.568	ng/ul	96
22) Chrysene	21.140	228	27960	0.597	ng/ul	96
24) Benzo(b)fluoranthene	22.613	252	48269	1.020	ng/ul	96
25) Benzo(k)fluoranthene	22.613	252	48269	1.039	ng/ul#	96
26) Benzo(a)pyrene	23.150	252	22870	0.587	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.356	276	17976	0.303	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	4766	0.102	ng/ul#	66
29) Benzo(g,h,i)perylene	26.003	276	17608	0.372	ng/ul#	97

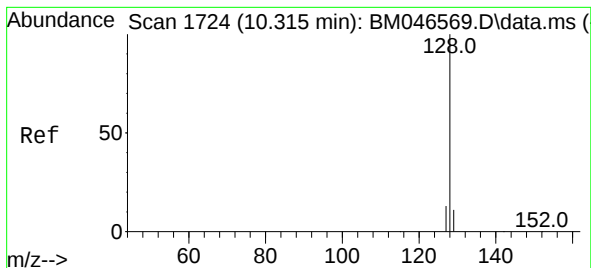
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 15 09:00:41 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





#5

Naphthalene

Concen: 0.085 ng/ul

RT: 10.315 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

A4CY4

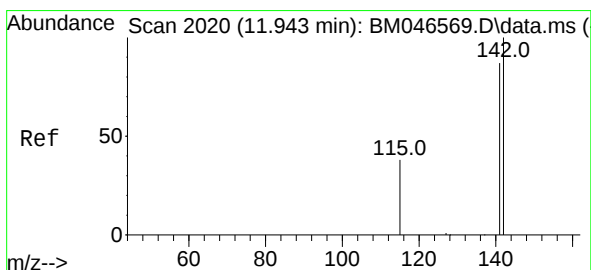
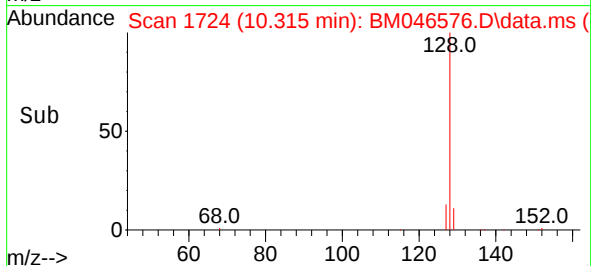
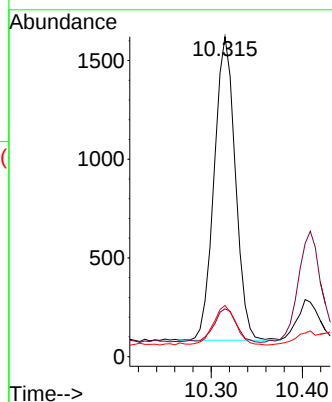
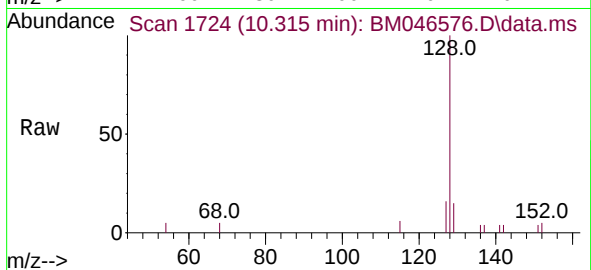
Tgt Ion:128 Resp: 2477

Ion Ratio Lower Upper

128 100

129 14.9 10.3 15.5

127 16.0 12.2 18.4



#7

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 11.943 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BM046576.D

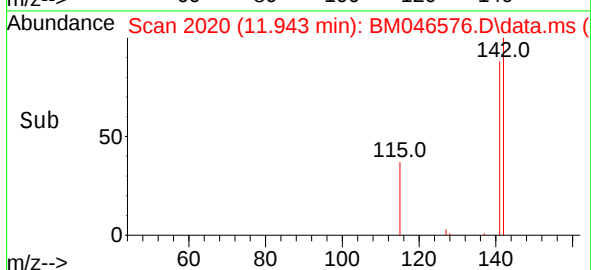
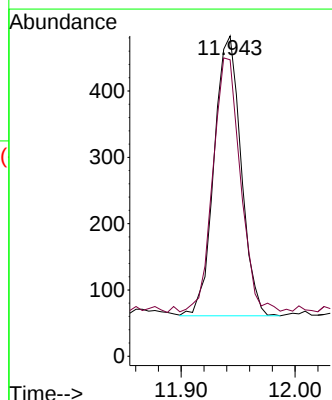
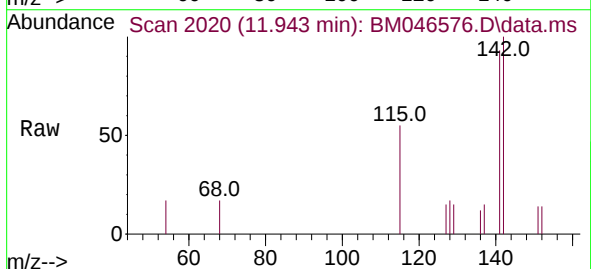
Acq: 13 Jul 2024 10:49

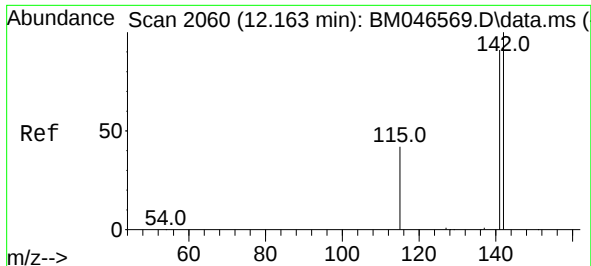
Tgt Ion:142 Resp: 692

Ion Ratio Lower Upper

142 100

141 93.8 70.3 105.5

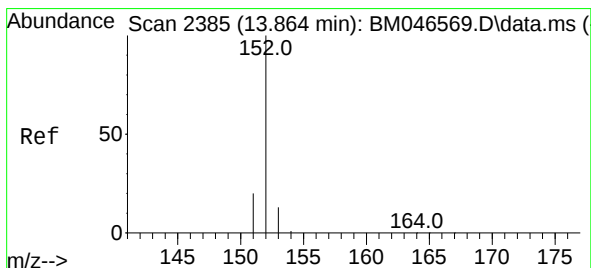
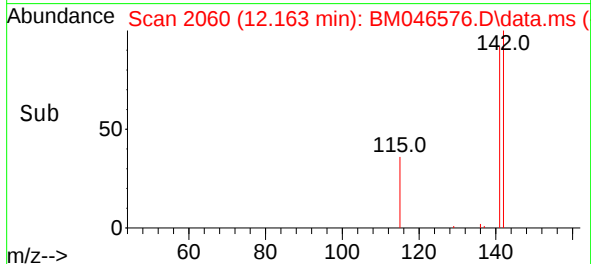
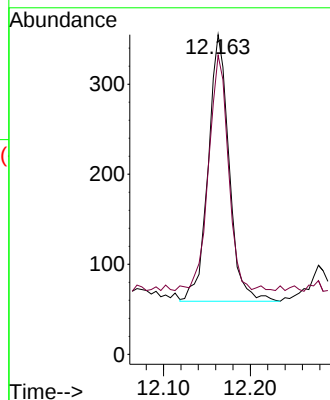
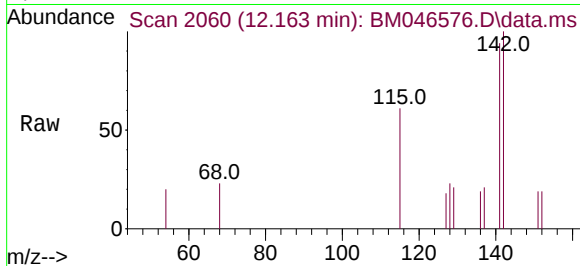




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

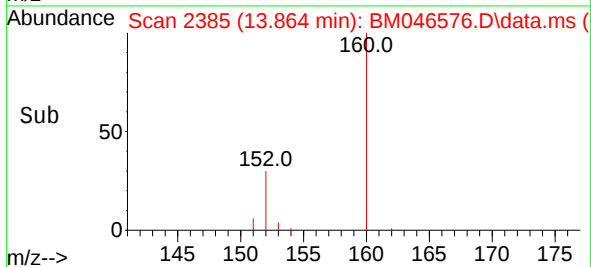
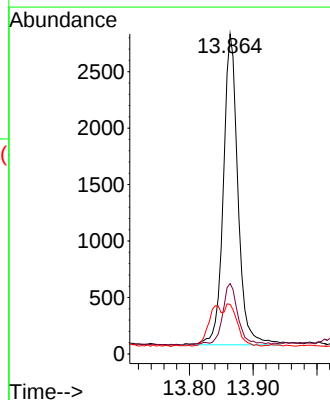
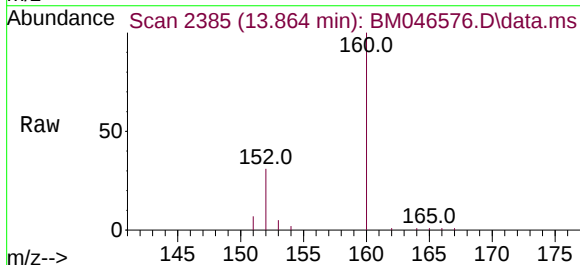
Instrument :
BNA_M
ClientSampleId :
A4CY4

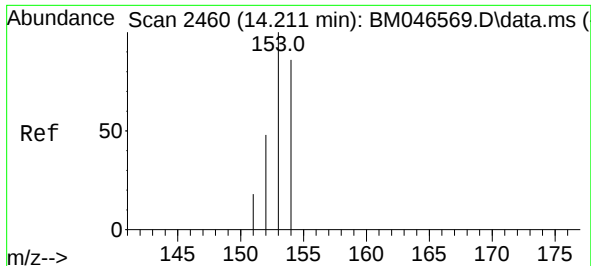
Tgt Ion:142 Resp: 494
Ion Ratio Lower Upper
142 100
141 83.4 73.9 110.9



#10
Acenaphthylene
Concen: 0.138 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Tgt Ion:152 Resp: 4386
Ion Ratio Lower Upper
152 100
151 22.0 16.4 24.6
153 15.5 12.4 18.6

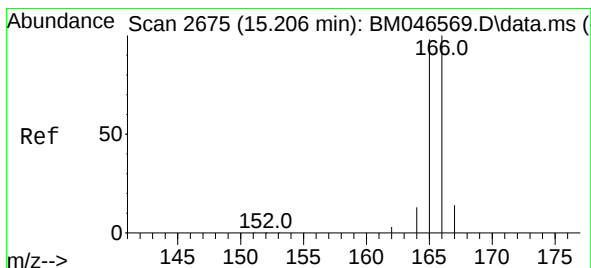
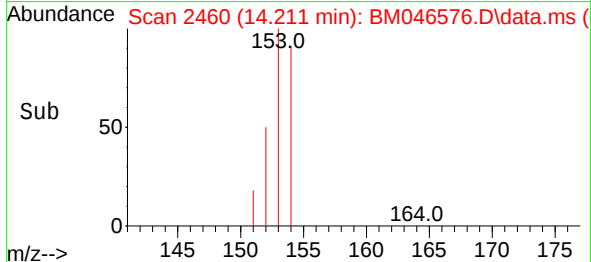
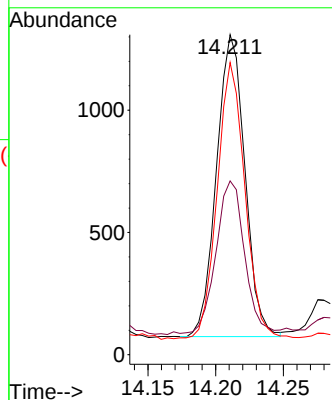
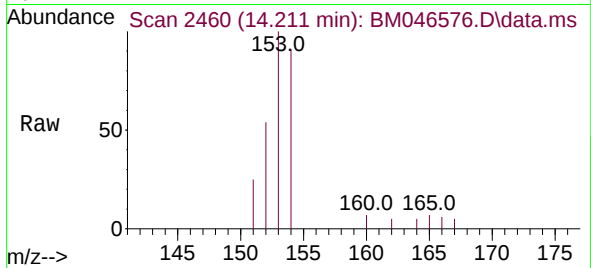




#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

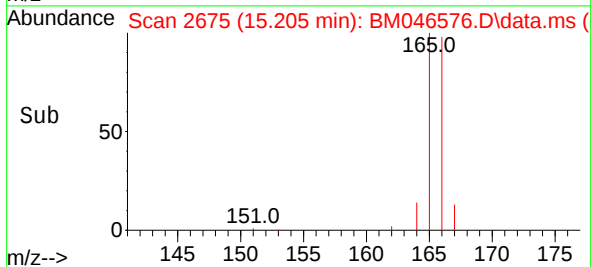
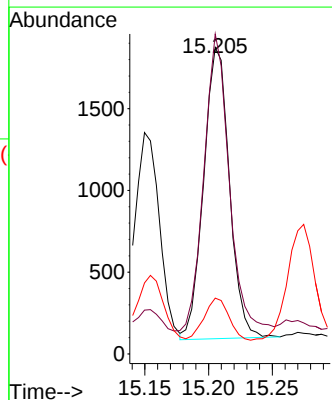
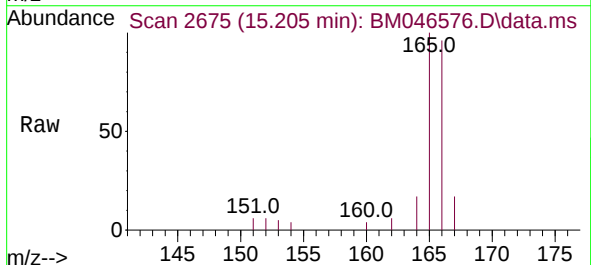
Instrument :
BNA_M
ClientSampleId :
A4CY4

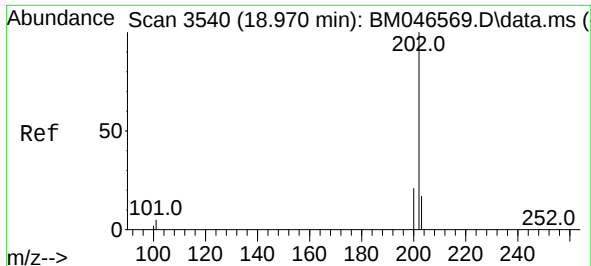
Tgt Ion:153 Resp: 1798
Ion Ratio Lower Upper
153 100
152 54.3 43.0 64.6
154 91.3 69.9 104.9



#12
Fluorene
Concen: 0.095 ng/ul
RT: 15.205 min Scan# 2675
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Tgt Ion:166 Resp: 2504
Ion Ratio Lower Upper
166 100
165 104.4 76.1 114.1
167 18.2 12.5 18.7

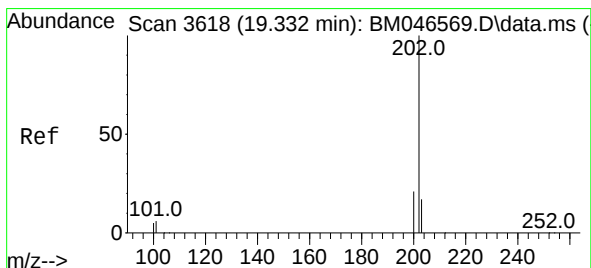
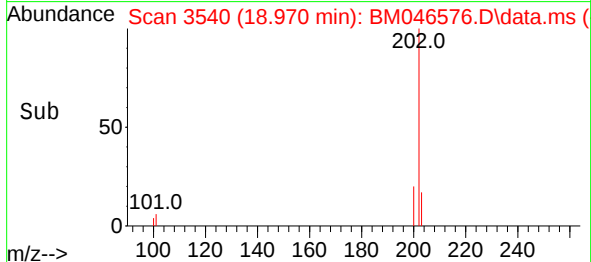
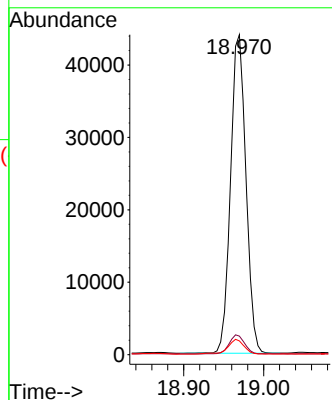
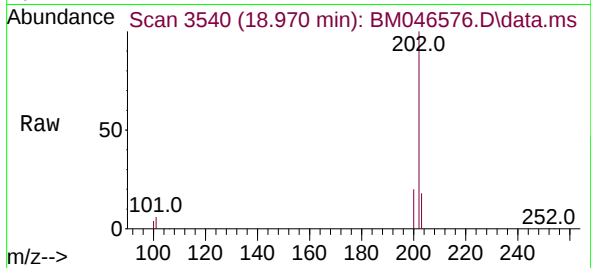




#19
Fluoranthene
Concen: 1.308 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

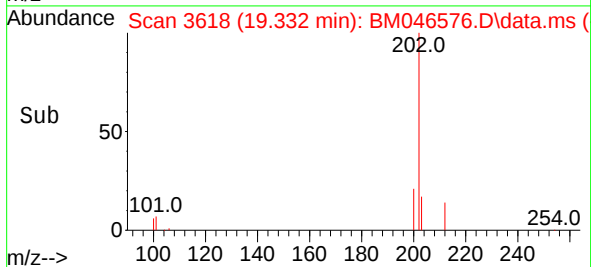
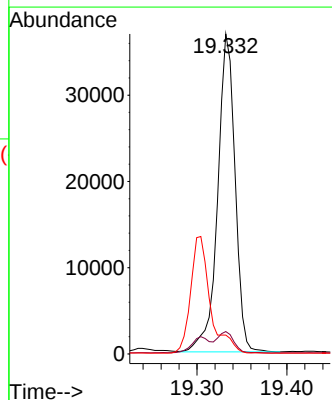
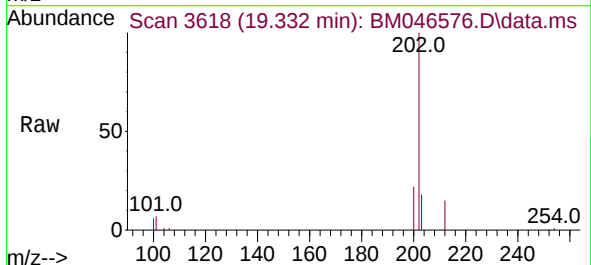
Instrument :
BNA_M
ClientSampleId :
A4CY4

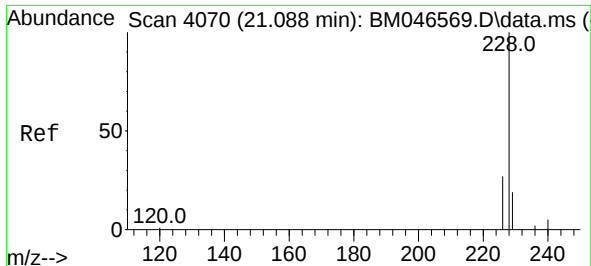
Tgt Ion:202 Resp: 58795
Ion Ratio Lower Upper
202 100
101 5.8 4.6 6.8
100 4.3 3.0 4.6



#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Tgt Ion:202 Resp: 49426
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.9 3.8 5.6#

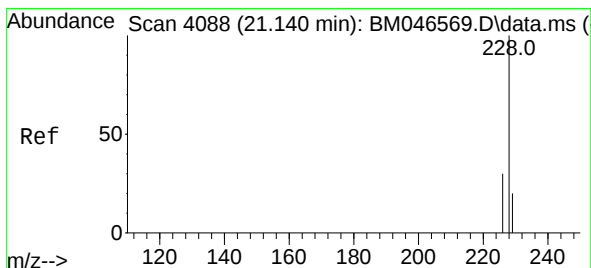
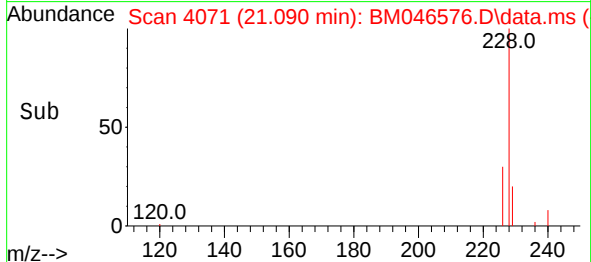
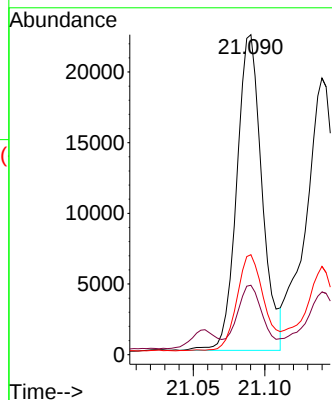
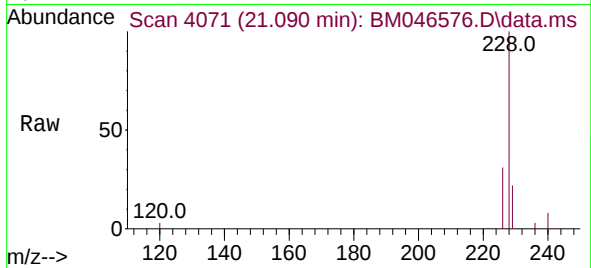




#21
Benzo(a)anthracene
Concen: 0.568 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

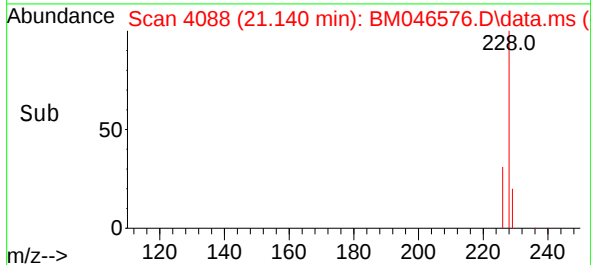
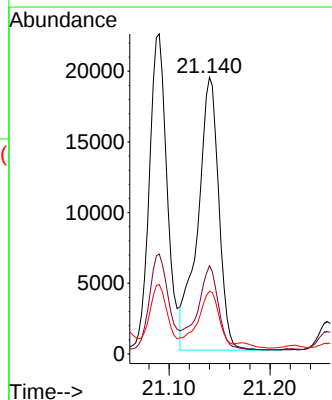
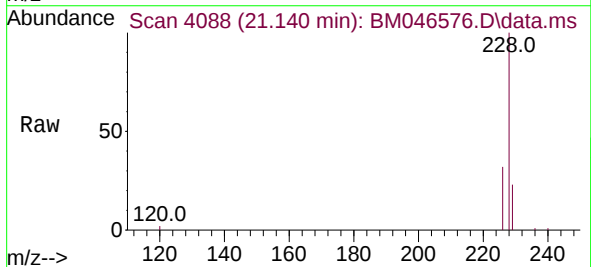
Instrument :
BNA_M
ClientSampleId :
A4CY4

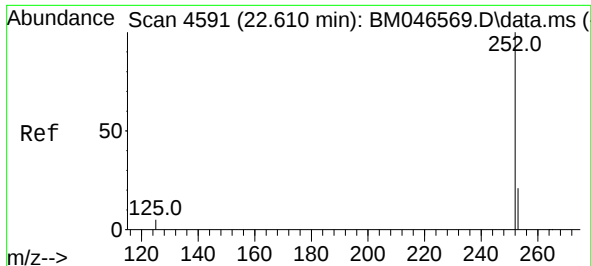
Tgt Ion:228 Resp: 27515
Ion Ratio Lower Upper
228 100
229 21.7 16.5 24.7
226 31.3 22.5 33.7



#22
Chrysene
Concen: 0.597 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046576.D
Acq: 13 Jul 2024 10:49

Tgt Ion:228 Resp: 27960
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 22.7 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 1.020 ng/ul

RT: 22.613 min Scan# 4592

Delta R.T. 0.003 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

A4CY4

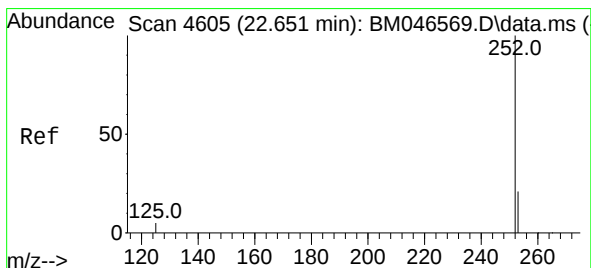
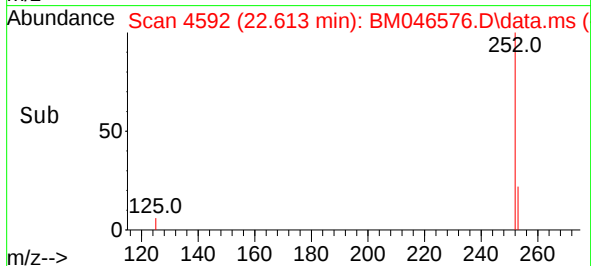
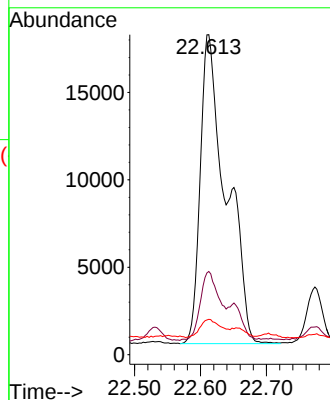
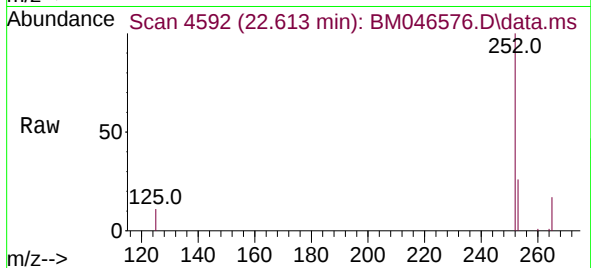
Tgt Ion:252 Resp: 48269

Ion Ratio Lower Upper

252 100

253 26.0 0.0 56.2

125 11.1 0.0 17.8



#25

Benzo(k)fluoranthene

Concen: 1.039 ng/ul

RT: 22.613 min Scan# 4592

Delta R.T. -0.038 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

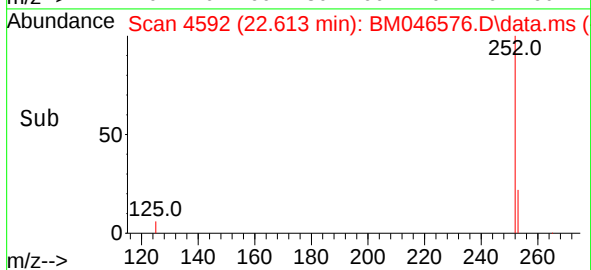
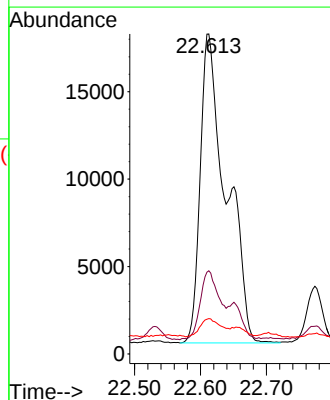
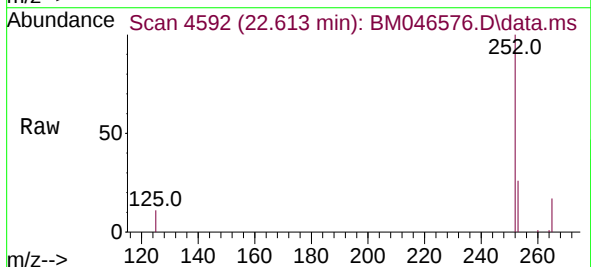
Tgt Ion:252 Resp: 48269

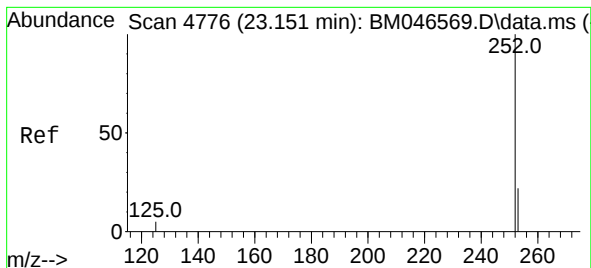
Ion Ratio Lower Upper

252 100

253 26.0 22.4 33.6

125 11.1 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.587 ng/ul

RT: 23.150 min Scan# 4776

Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

A4CY4

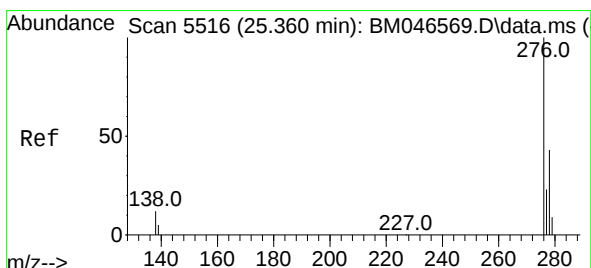
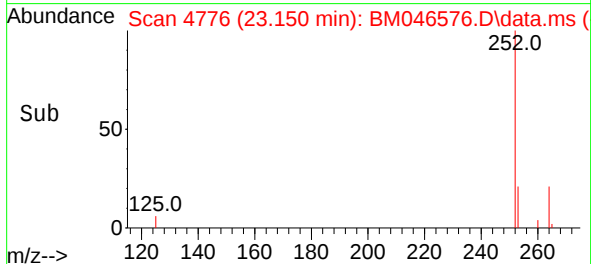
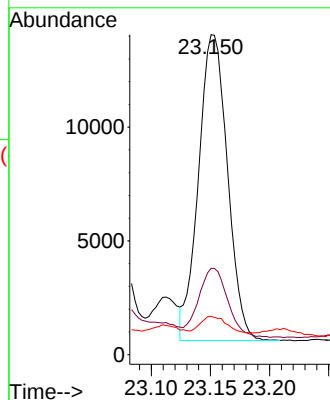
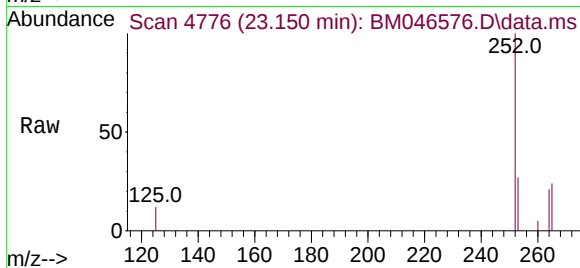
Tgt Ion:252 Resp: 22870

Ion Ratio Lower Upper

252 100

253 27.0 24.0 36.0

125 12.0 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.303 ng/ul

RT: 25.356 min Scan# 5515

Delta R.T. -0.004 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

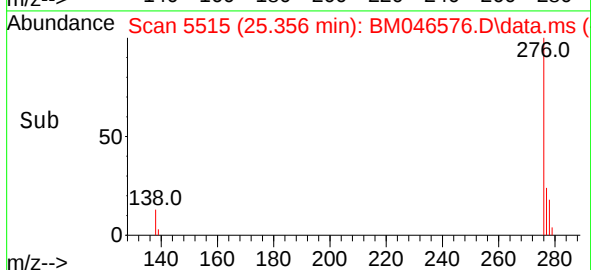
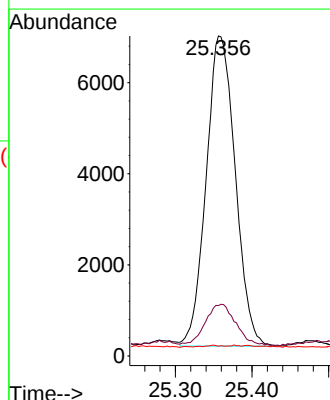
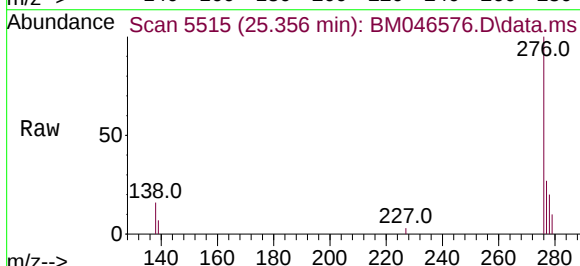
Tgt Ion:276 Resp: 17976

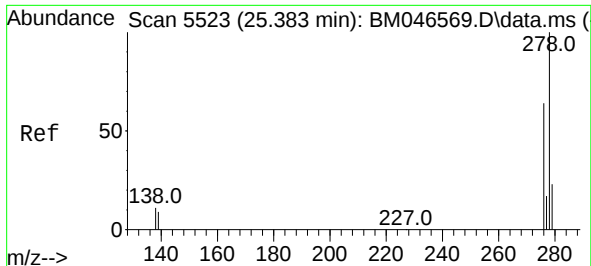
Ion Ratio Lower Upper

276 100

138 13.9 0.0 0.0#

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 25.370 min Scan# 5

Delta R.T. -0.014 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Instrument :

BNA_M

ClientSampleId :

A4CY4

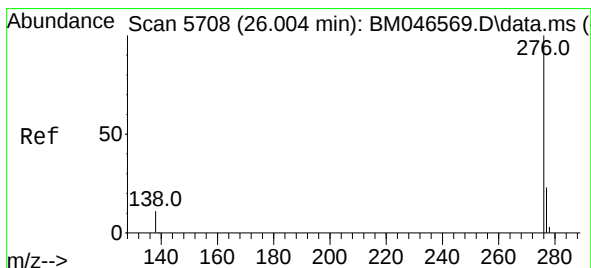
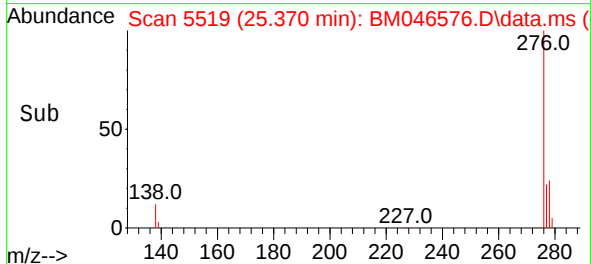
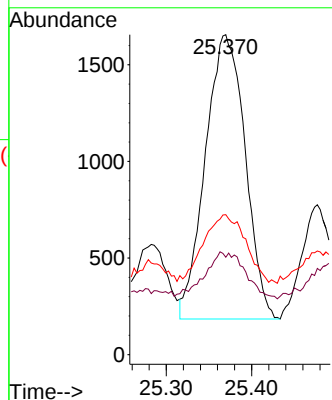
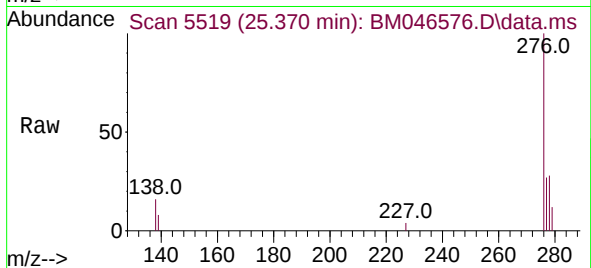
Tgt Ion:278 Resp: 4766

Ion Ratio Lower Upper

278 100

139 30.4 9.1 13.7#

279 43.7 23.2 34.8#



#29

Benzo(g,h,i)perylene

Concen: 0.372 ng/ul

RT: 26.003 min Scan# 5708

Delta R.T. -0.000 min

Lab File: BM046576.D

Acq: 13 Jul 2024 10:49

Tgt Ion:276 Resp: 17608

Ion Ratio Lower Upper

276 100

138 15.9 10.2 15.4#

277 25.7 20.9 31.3

