

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046516.D
 Acq On : 11 Jul 2024 14:08
 Operator : MA/JU
 Sample : P3109-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0HC4MS

Quant Time: Jul 12 04:21:04 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 : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

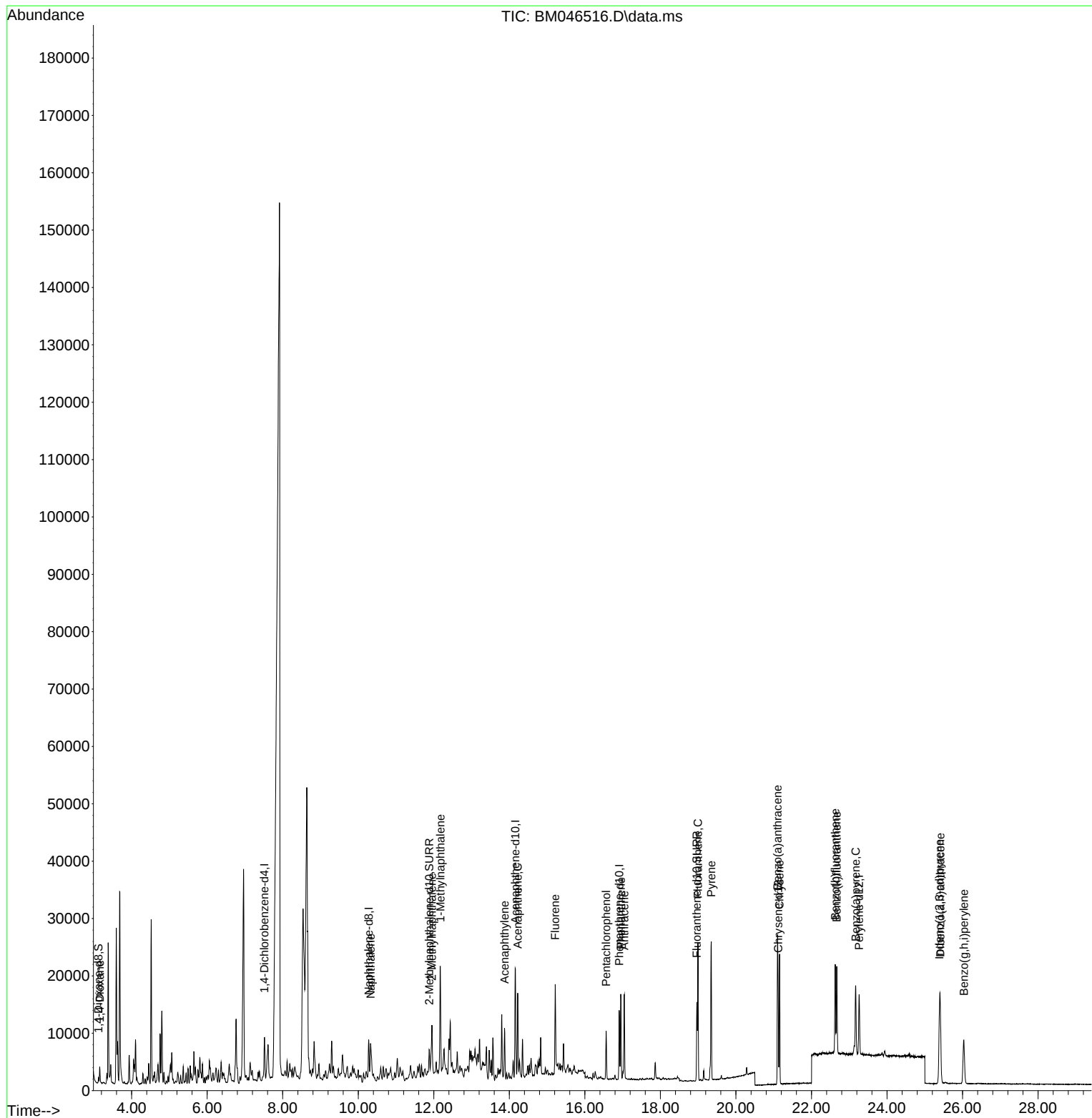
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	3154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	8645	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.155	164	14729	0.400	ng/ul #	0.00
13) Phenanthrene-d10	16.909	188	14445	0.400	ng/ul #	0.00
17) Chrysene-d12	21.119	240	11727	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	12210	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	627	0.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	4503	0.323	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	15322	0.429	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.155	88	1668	0.603	ng/ul#	81
5) Naphthalene	10.326	128	8942	0.407	ng/ul	98
7) 2-Methylnaphthalene	11.948	142	5571	0.361	ng/ul	95
8) 1-Methylnaphthalene	12.174	142	8472	0.537	ng/ul	99
10) Acenaphthylene	13.873	152	9216	0.137	ng/ul	95
11) Acenaphthene	14.220	153	7896	0.176	ng/ul	97
12) Fluorene	15.215	166	13275	0.239	ng/ul	92
14) Pentachlorophenol	16.563	266	5090	0.695	ng/ul	99
15) Phenanthrene	16.951	178	15521	0.377	ng/ul	97
16) Anthracene	17.044	178	14924	0.371	ng/ul	97
19) Fluoranthene	18.993	202	19693	0.409	ng/ul#	95
20) Pyrene	19.346	202	20835	0.400	ng/ul#	96
21) Benzo(a)anthracene	21.102	228	19586	0.378	ng/ul	99
22) Chrysene	21.154	228	18554	0.370	ng/ul	100
24) Benzo(b)fluoranthene	22.627	252	18490	0.379	ng/ul	95
25) Benzo(k)fluoranthene	22.668	252	18513	0.387	ng/ul#	96
26) Benzo(a)pyrene	23.171	252	16373	0.408	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.390	276	20686	0.339	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.410	278	16067	0.332	ng/ul#	95
29) Benzo(g,h,i)perylene	26.034	276	16015	0.329	ng/ul	98

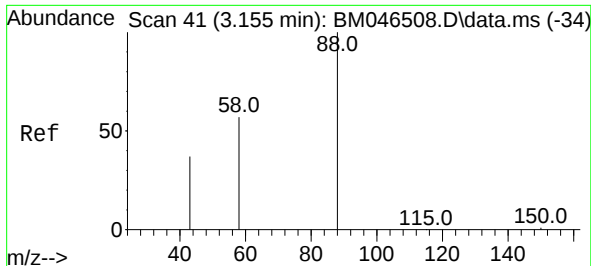
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:21:04 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 : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration

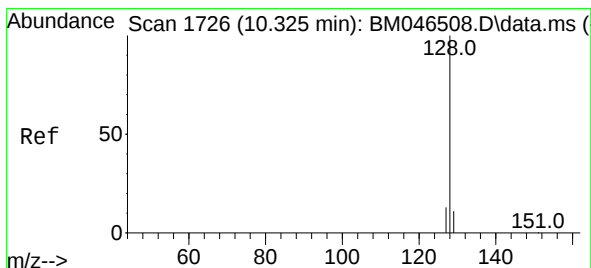
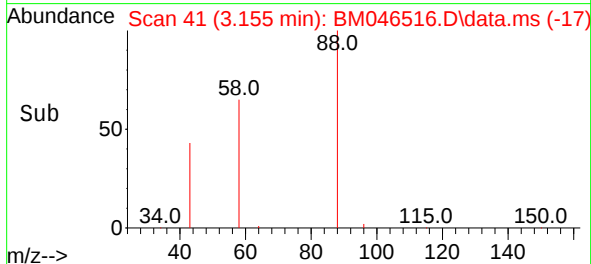
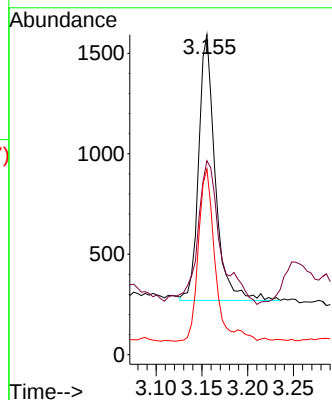
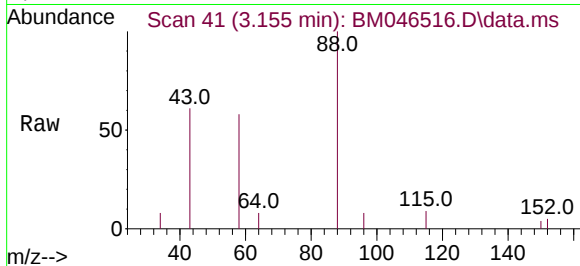




#2
1,4-Dioxane
Concen: 0.603 ng/ul
RT: 3.155 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

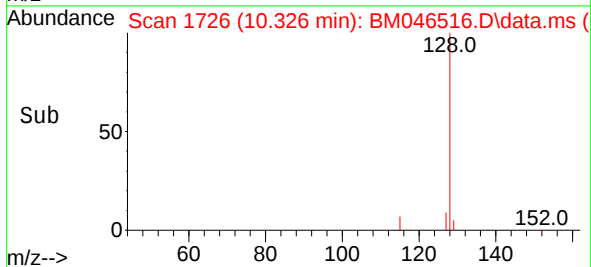
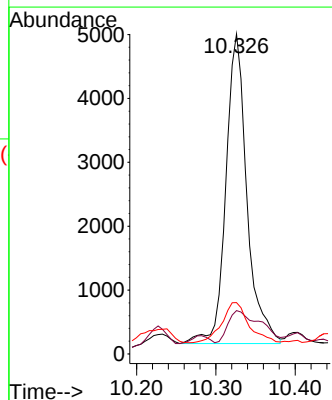
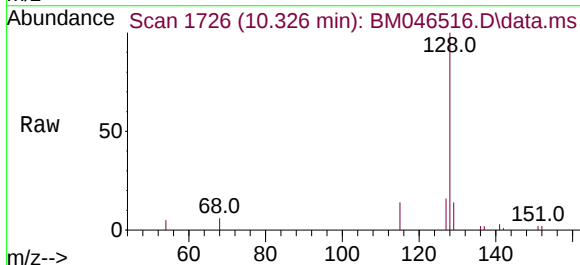
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

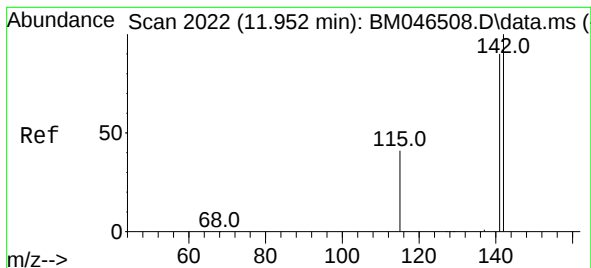
Tgt Ion: 88 Resp: 1668
Ion Ratio Lower Upper
88 100
43 60.6 70.2 105.4#
58 58.0 48.2 72.4



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.326 min Scan# 1726
Delta R.T. 0.001 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion: 128 Resp: 8942
Ion Ratio Lower Upper
128 100
129 13.6 10.3 15.5
127 16.1 12.2 18.4

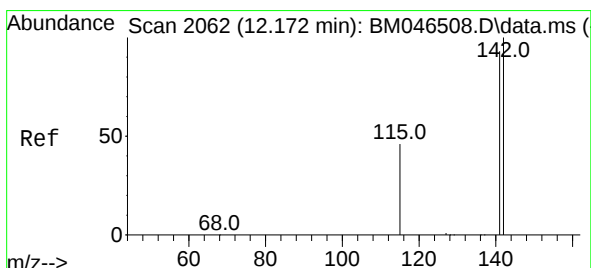
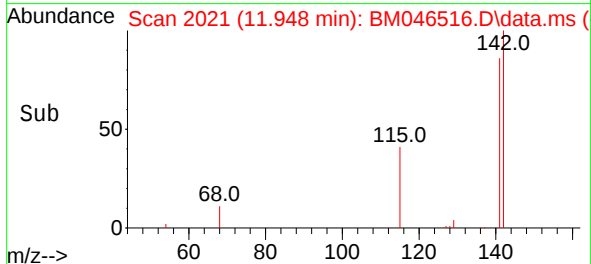
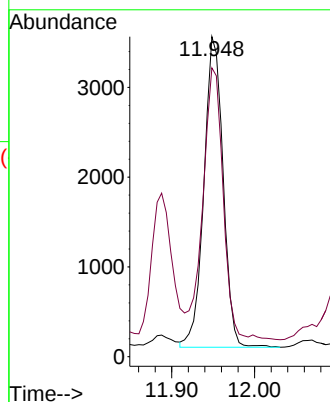
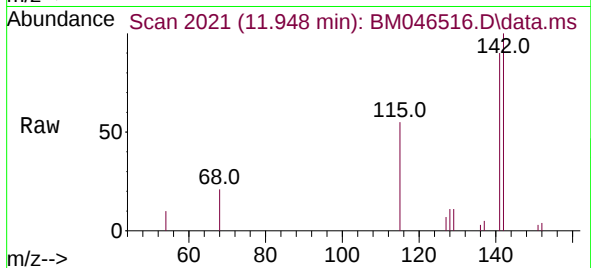




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 11.948 min Scan# 2021
Delta R.T. -0.004 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

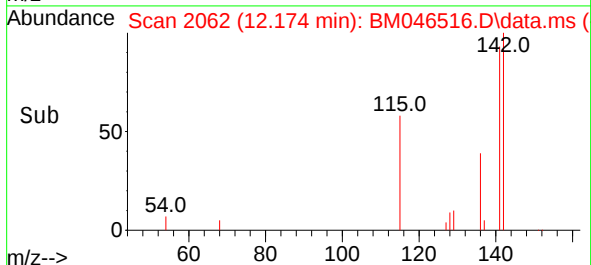
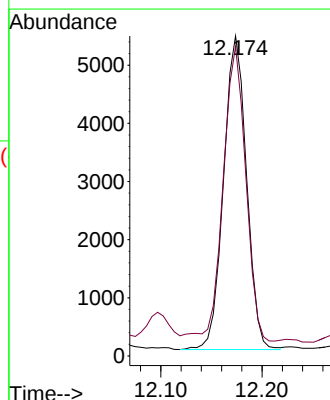
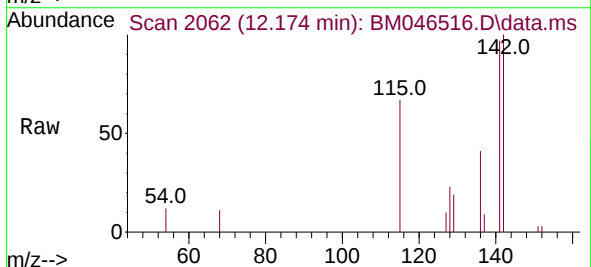
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

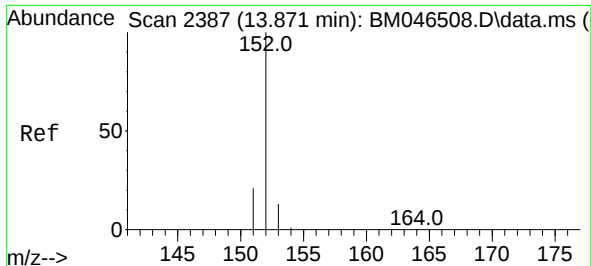
Tgt Ion:142 Resp: 5571
Ion Ratio Lower Upper
142 100
141 92.7 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.537 ng/ul
RT: 12.174 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion:142 Resp: 8472
Ion Ratio Lower Upper
142 100
141 91.1 73.9 110.9

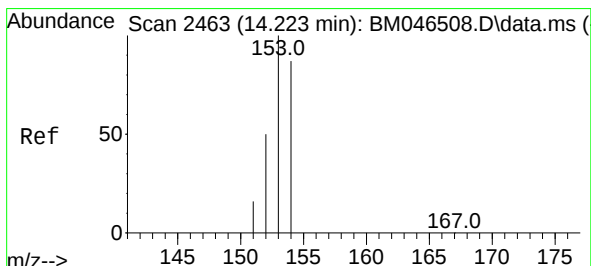
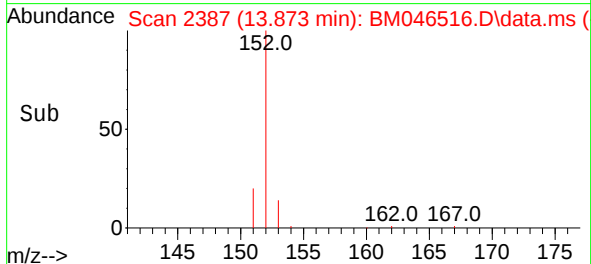
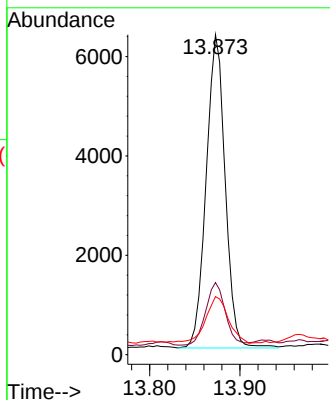
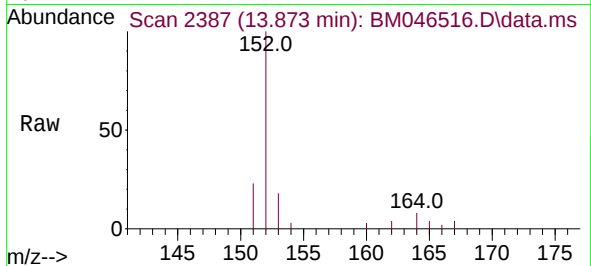




#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.873 min Scan# 2387
Delta R.T. 0.001 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

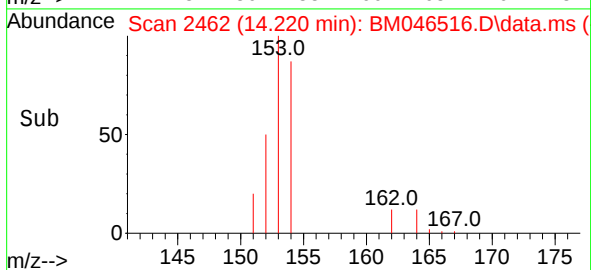
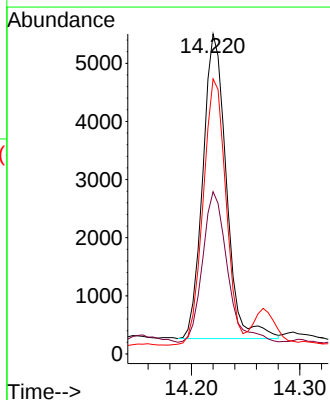
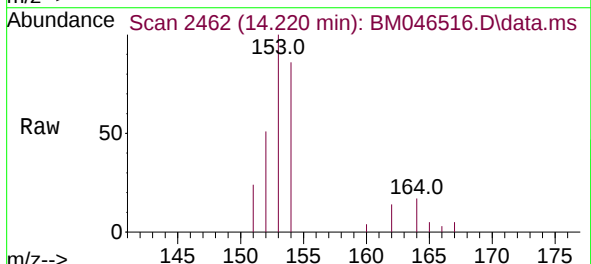
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

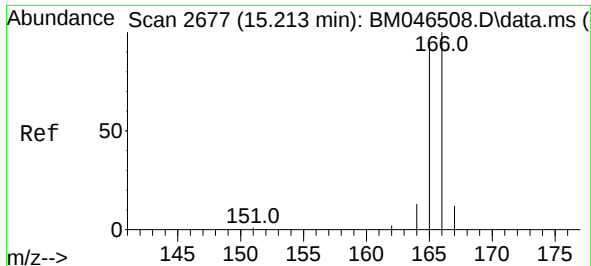
Tgt Ion:	152	Resp:	9216
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.4	24.6
153	18.1	12.4	18.6



#11
Acenaphthene
Concen: 0.176 ng/ul
RT: 14.220 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion:	153	Resp:	7896
Ion Ratio	Lower	Upper	
153	100		
152	50.7	43.0	64.6
154	86.0	69.9	104.9





#12

Fluorene

Concen: 0.239 ng/ul

RT: 15.215 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

Instrument :

BNA_M

ClientSampleId :

H0HC4MS

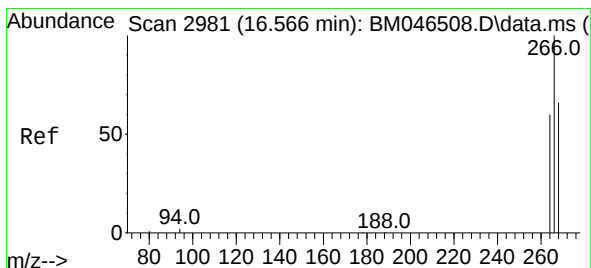
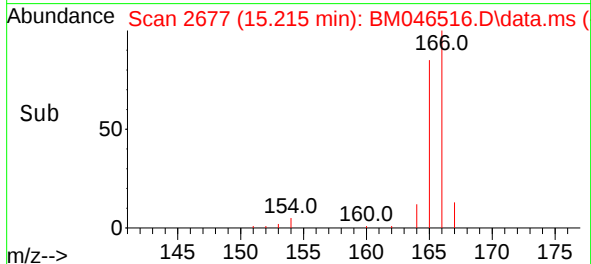
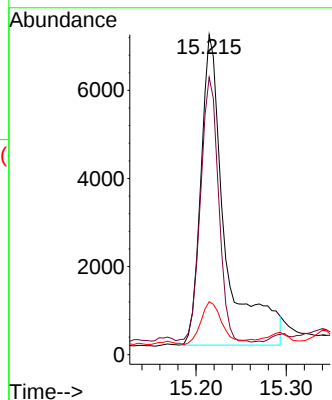
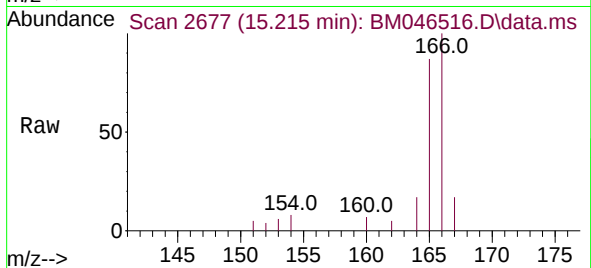
Tgt Ion:166 Resp: 13275

Ion Ratio Lower Upper

166 100

165 86.7 76.1 114.1

167 16.6 12.5 18.7



#14

Pentachlorophenol

Concen: 0.695 ng/ul

RT: 16.563 min Scan# 2980

Delta R.T. -0.003 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

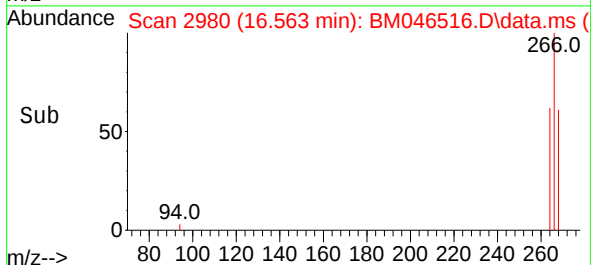
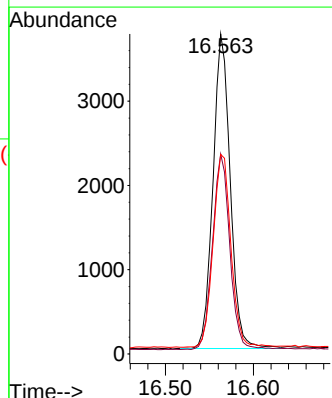
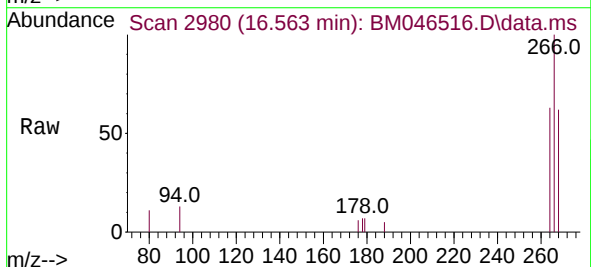
Tgt Ion:266 Resp: 5090

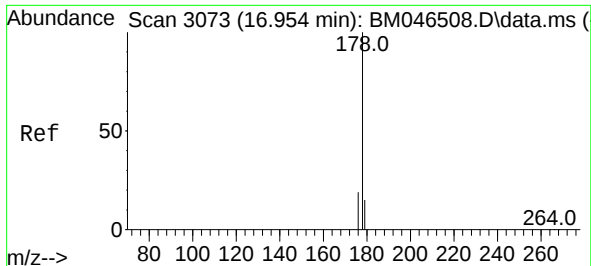
Ion Ratio Lower Upper

266 100

264 62.6 50.1 75.1

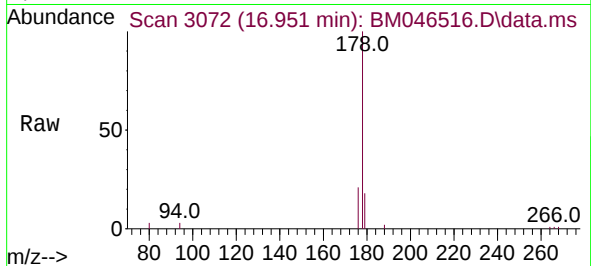
268 63.6 52.5 78.7



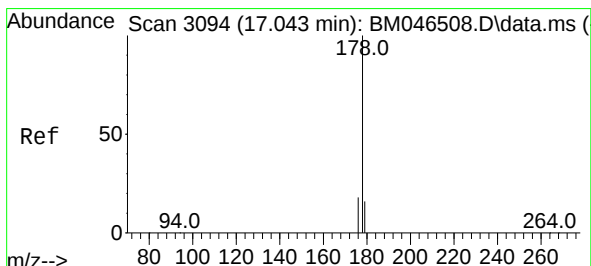
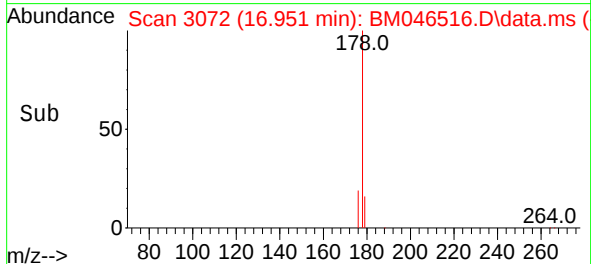
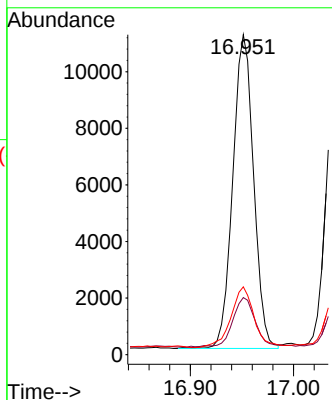


#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.951 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Instrument :
BNA_M
ClientSampleId :
H0HC4MS

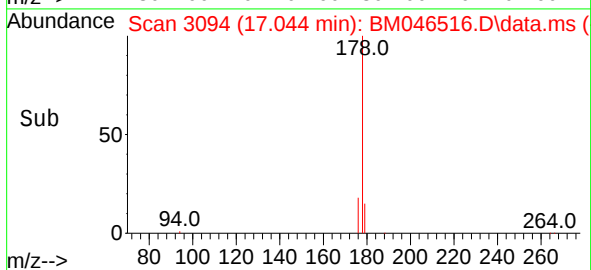
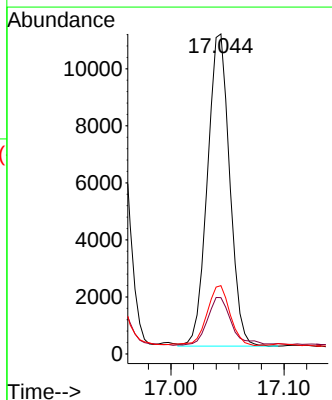
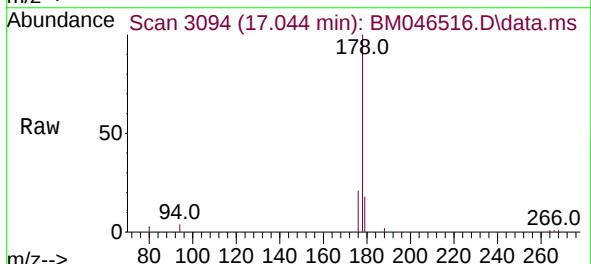


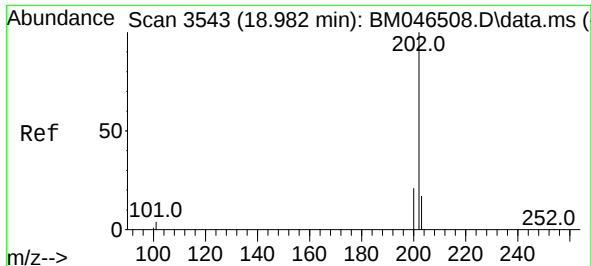
Tgt Ion:178 Resp: 15521
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 21.2 16.0 24.0



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.044 min Scan# 3094
Delta R.T. 0.001 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion:178 Resp: 14924
Ion Ratio Lower Upper
178 100
179 17.6 13.5 20.3
176 21.3 15.7 23.5





#19

Fluoranthene

Concen: 0.409 ng/ul

RT: 18.993 min Scan# 3545

Delta R.T. 0.011 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

Instrument :

BNA_M

ClientSampleId :

H0HC4MS

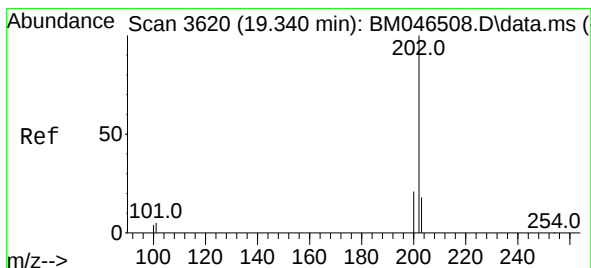
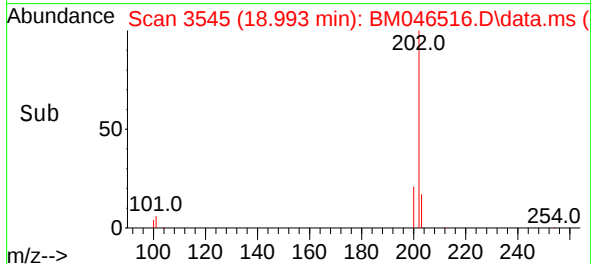
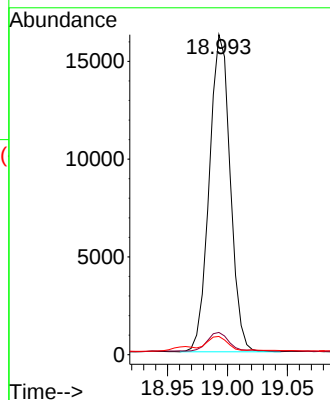
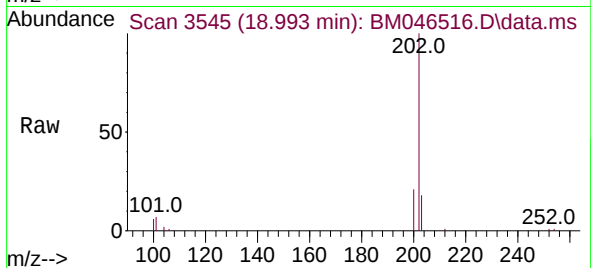
Tgt Ion:202 Resp: 19693

Ion Ratio Lower Upper

202 100

101 6.9 4.6 6.8#

100 5.7 3.0 4.6#



#20

Pyrene

Concen: 0.400 ng/ul

RT: 19.346 min Scan# 3621

Delta R.T. 0.006 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

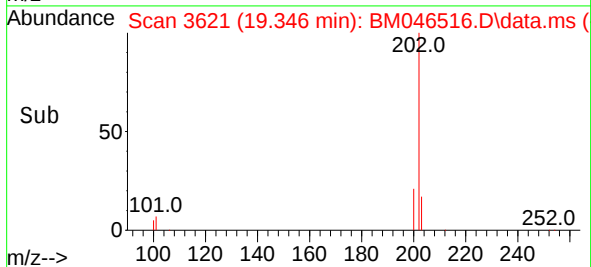
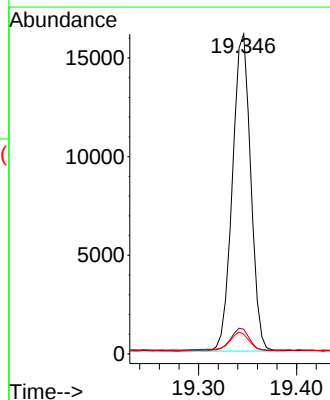
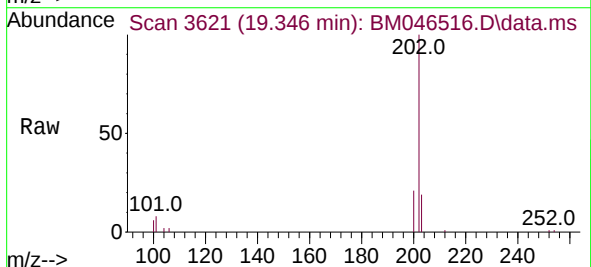
Tgt Ion:202 Resp: 20835

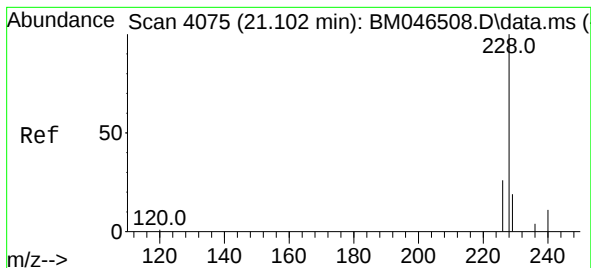
Ion Ratio Lower Upper

202 100

101 7.7 5.1 7.7#

100 6.1 3.8 5.6#





#21

Benzo(a)anthracene

Concen: 0.378 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. -0.000 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

Instrument :

BNA_M

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H0HC4MS

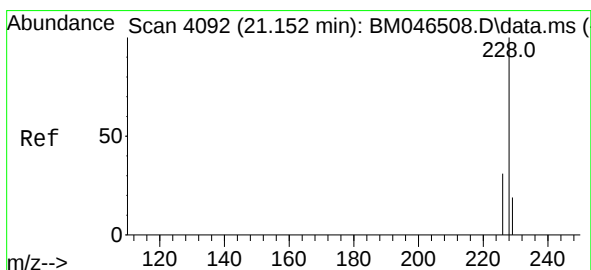
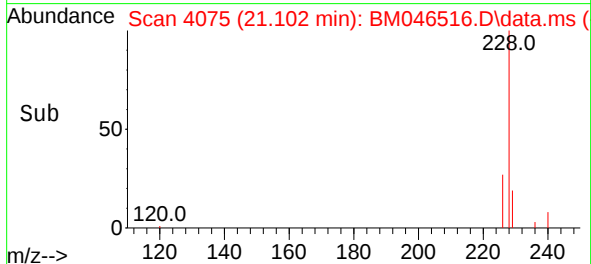
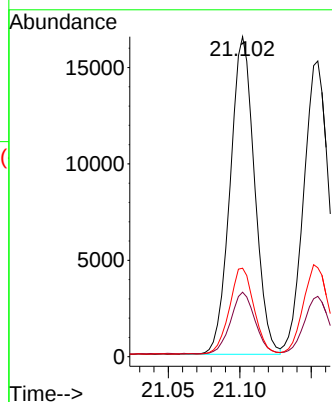
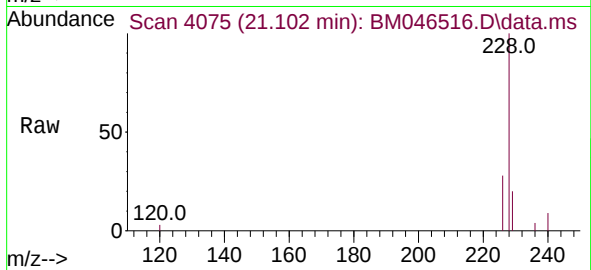
Tgt Ion:228 Resp: 19586

Ion Ratio Lower Upper

228 100

229 20.1 16.5 24.7

226 27.7 22.5 33.7



#22

Chrysene

Concen: 0.370 ng/ul

RT: 21.154 min Scan# 4093

Delta R.T. 0.003 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

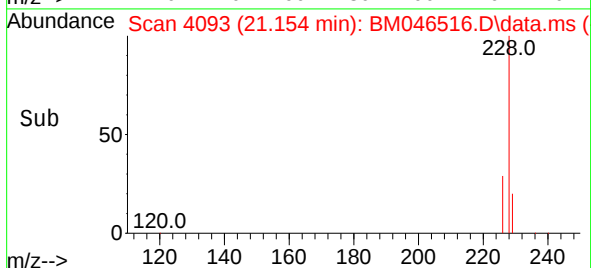
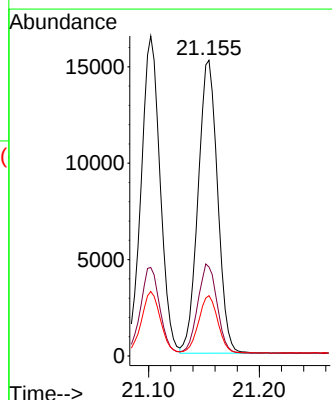
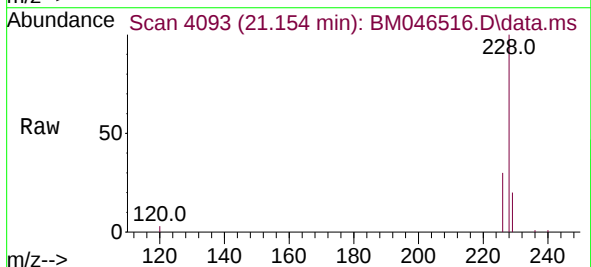
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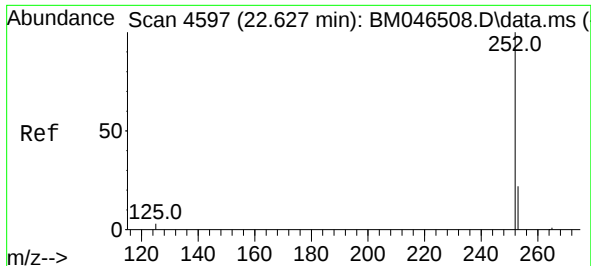
Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 20.4 16.4 24.6

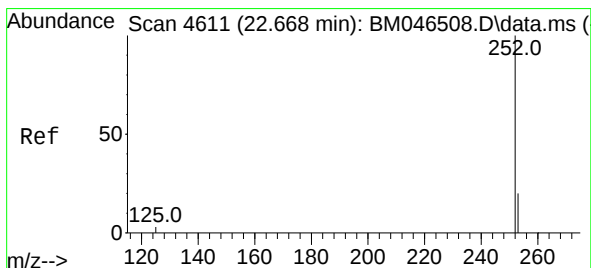
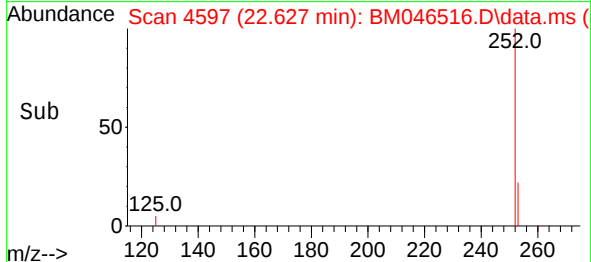
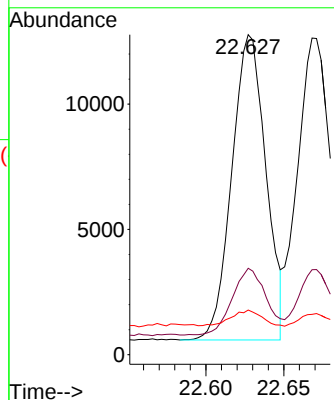
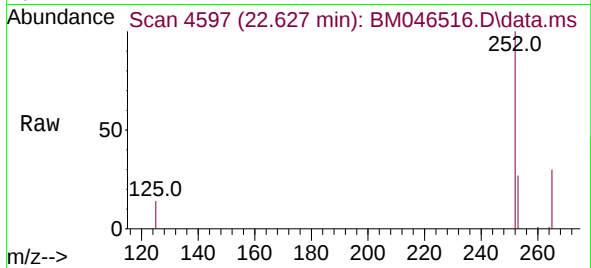




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.627 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

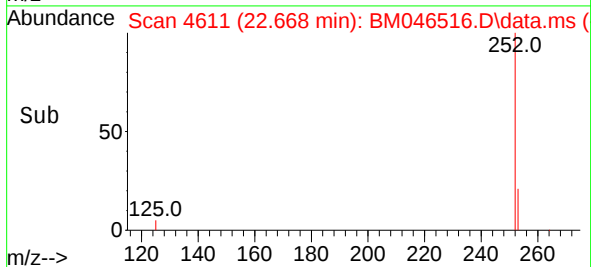
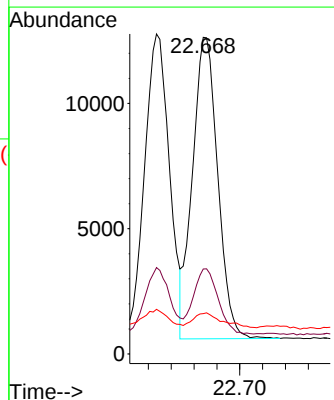
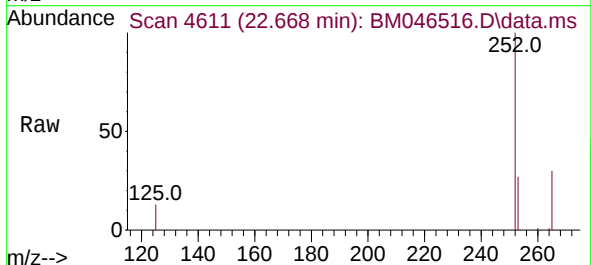
Instrument :
BNA_M
ClientSampleId :
H0HC4MS

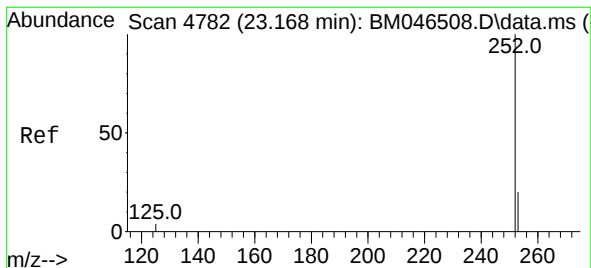
Tgt Ion:252 Resp: 18490
Ion Ratio Lower Upper
252 100
253 27.0 0.0 56.2
125 13.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 22.668 min Scan# 4611
Delta R.T. -0.000 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion:252 Resp: 18513
Ion Ratio Lower Upper
252 100
253 26.8 22.4 33.6
125 12.7 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 23.171 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

Instrument :

BNA_M

ClientSampleId :

H0HC4MS

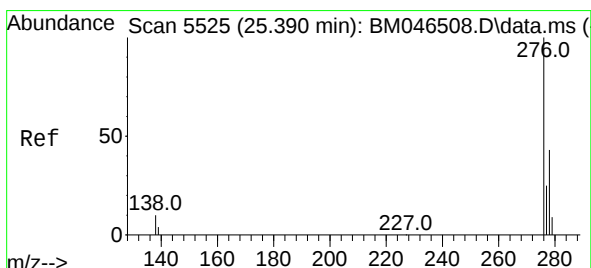
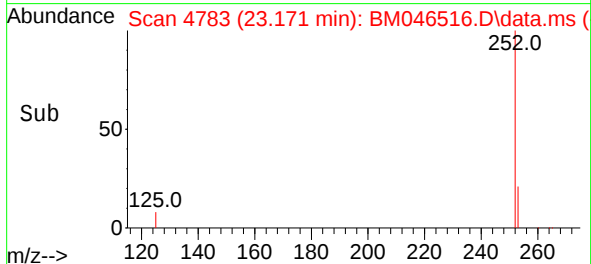
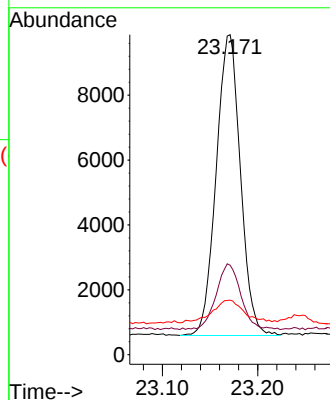
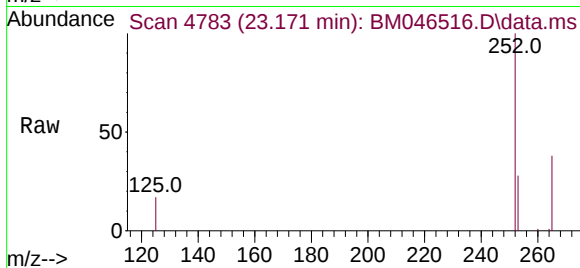
Tgt Ion:252 Resp: 16373

Ion Ratio Lower Upper

252 100

253 27.9 24.0 36.0

125 17.1 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul

RT: 25.390 min Scan# 5525

Delta R.T. -0.000 min

Lab File: BM046516.D

Acq: 11 Jul 2024 14:08

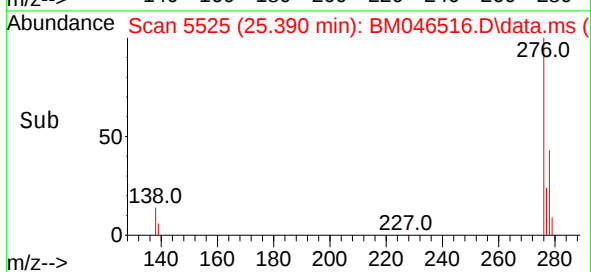
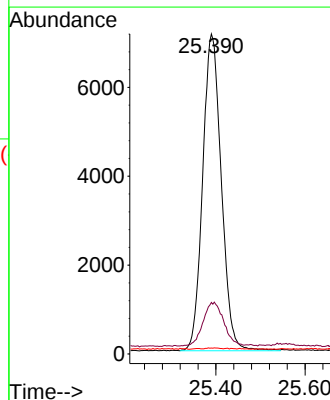
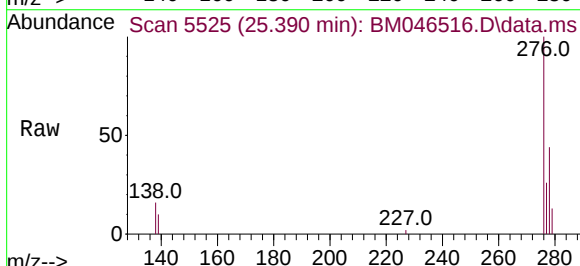
Tgt Ion:276 Resp: 20686

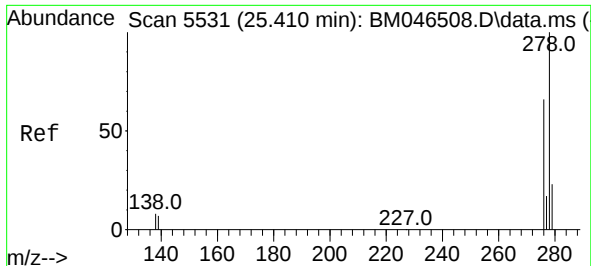
Ion Ratio Lower Upper

276 100

138 15.2 0.0 0.0#

227 0.1 0.2 0.2#

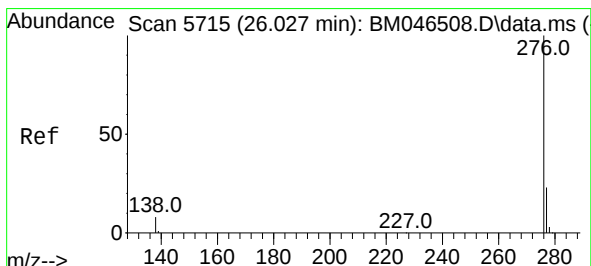
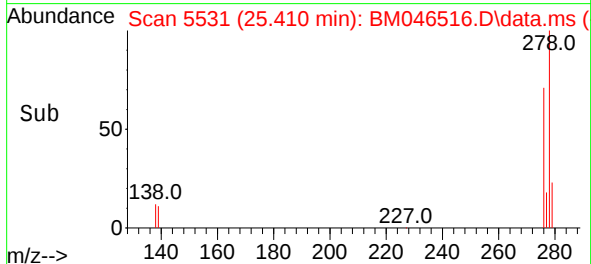
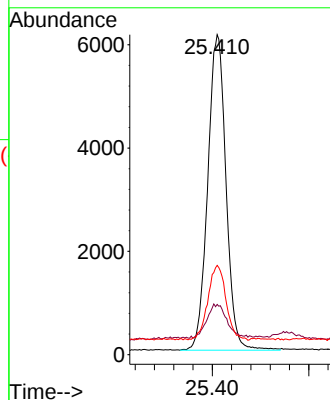
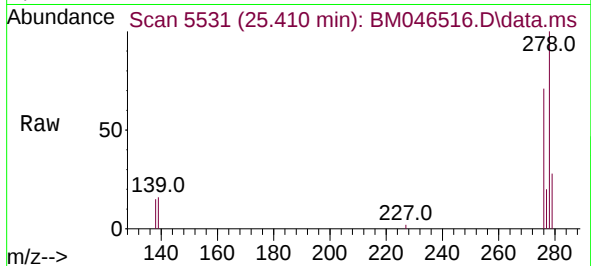




#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.000 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Instrument :
BNA_M
ClientSampleId :
H0HC4MS

Tgt Ion:278 Resp: 16067
Ion Ratio Lower Upper
278 100
139 15.7 9.1 13.7#
279 27.9 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 26.034 min Scan# 5717
Delta R.T. 0.006 min
Lab File: BM046516.D
Acq: 11 Jul 2024 14:08

Tgt Ion:276 Resp: 16015
Ion Ratio Lower Upper
276 100
138 14.9 10.2 15.4
277 25.9 20.9 31.3

