

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046301.D
 Acq On : 25 Jun 2024 20:57
 Operator : MA/JU
 Sample : P2844-22DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 23:29:14 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 25 08:04:59 2024
 Response via : Initial Calibration

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

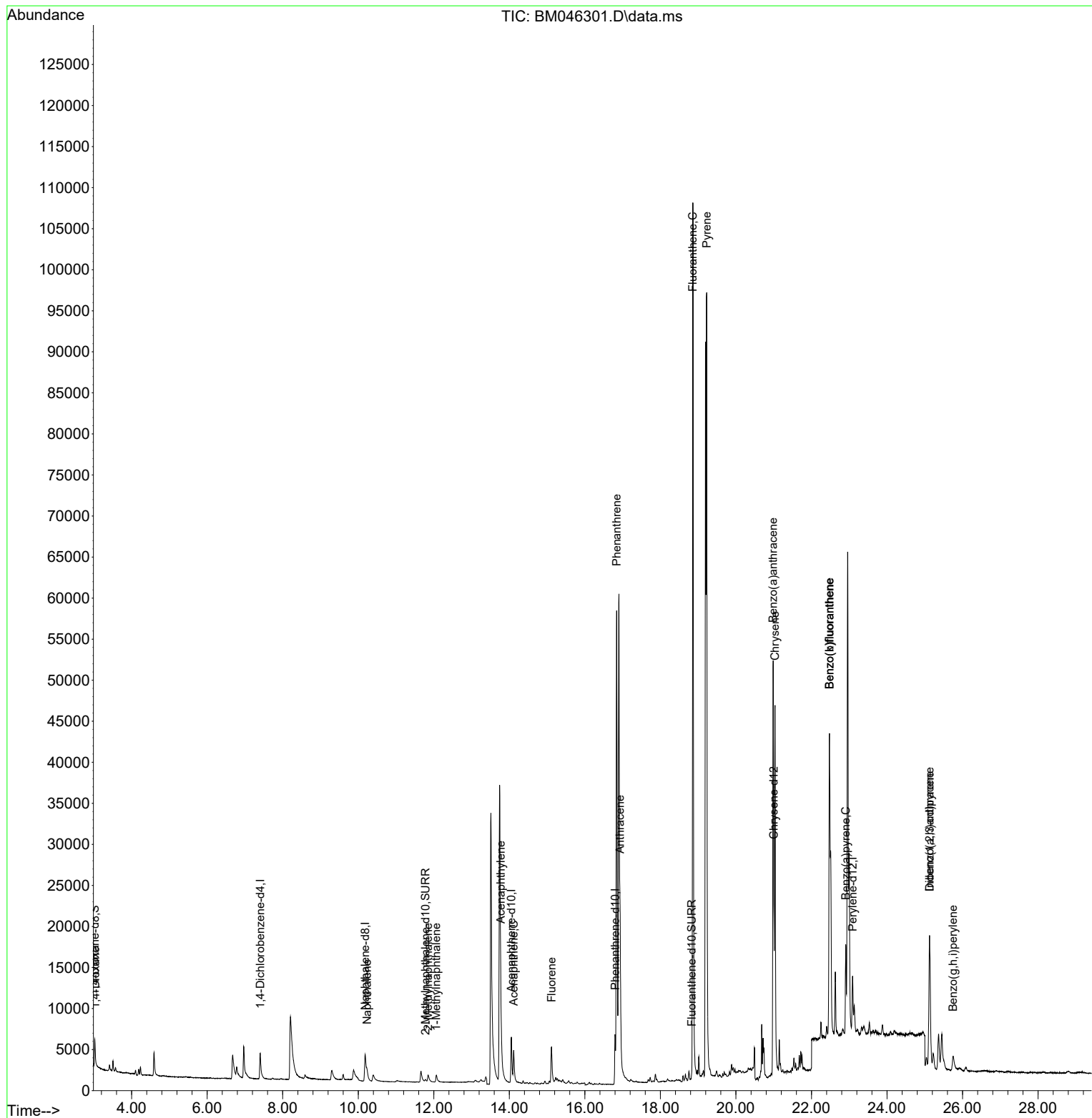
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2637	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	7750	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.053	164	4252	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8742	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	7303	0.400	ng/ul	-0.03
23) Perylene-d12	23.089	264	9464	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2019	0.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.778	152	538	0.052	ng/ul	-0.09
18) Fluoranthene-d10	18.830	212	1205	0.055	ng/ul	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.038	88	139	0.034	ng/ul#	1
5) Naphthalene	10.233	128	2305	0.107	ng/ul#	86
7) 2-Methylnaphthalene	11.849	142	1152	0.095	ng/ul	93
8) 1-Methylnaphthalene	12.064	142	1021	0.076	ng/ul	99
10) Acenaphthylene	13.771	152	4305	0.213	ng/ul#	93
11) Acenaphthene	14.114	153	3233	0.222	ng/ul	97
12) Fluorene	15.117	166	4297	0.275	ng/ul	97
15) Phenanthrene	16.842	178	76293	3.106	ng/ul	96
16) Anthracene	16.930	178	20826	1.139	ng/ul	98
19) Fluoranthene	18.858	202	111356	3.522	ng/ul	97
20) Pyrene	19.225	202	86111	2.518	ng/ul	94
21) Benzo(a)anthracene	20.982	228	51350	1.820	ng/ul	99
22) Chrysene	21.035	228	43771	1.216	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	84307	2.473	ng/ul	87
25) Benzo(k)fluoranthene	22.475	252	84307	2.080	ng/ul#	86
26) Benzo(a)pyrene	22.908	252	14280	0.452	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.128	276	27182	0.526	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.128	278	7391	0.192	ng/ul#	82
29) Benzo(g,h,i)perylene	25.749	276	3908	0.088	ng/ul#	68

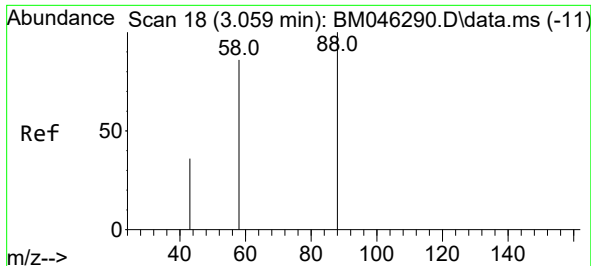
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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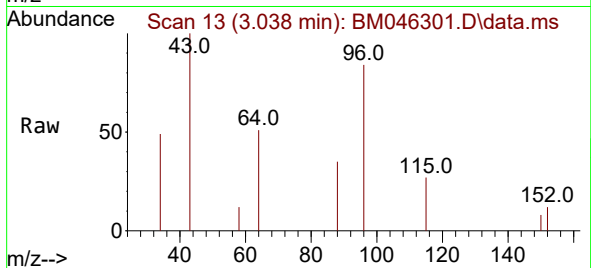
Quant Time: Jun 25 23:29:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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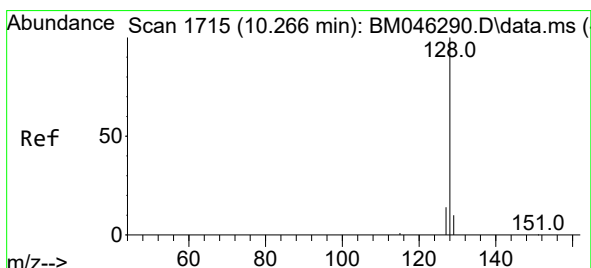
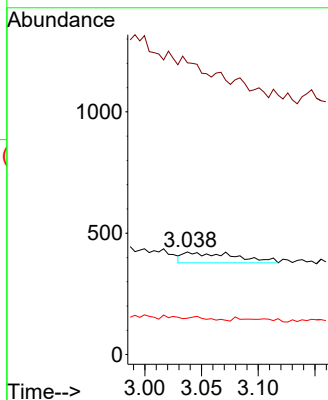
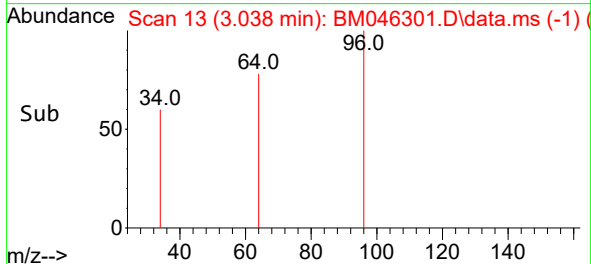


#2
1,4-Dioxane
Concen: 0.034 ng/ul
RT: 3.038 min Scan# 11
Delta R.T. -0.021 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Instrument :
BNA_M
ClientSampleId :

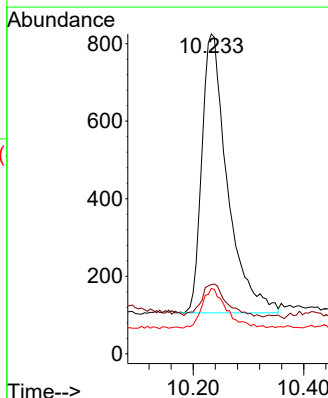
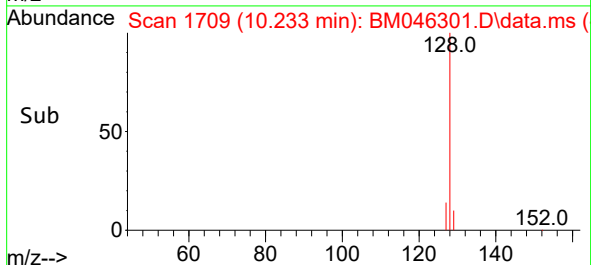
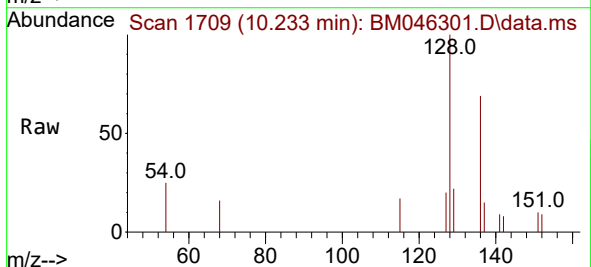


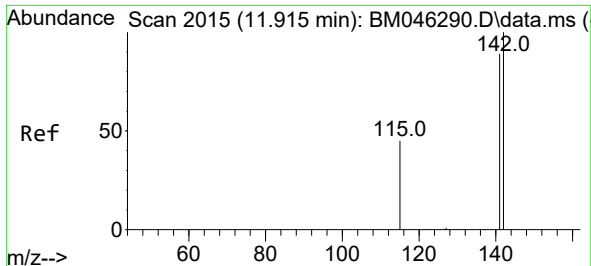
Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 284.2 69.8 104.8#
58 35.5 53.2 79.8#



#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.233 min Scan# 1709
Delta R.T. -0.071 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Tgt Ion: 128 Resp: 2305
Ion Ratio Lower Upper
128 100
129 21.7 11.8 17.6#
127 20.5 12.8 19.2#

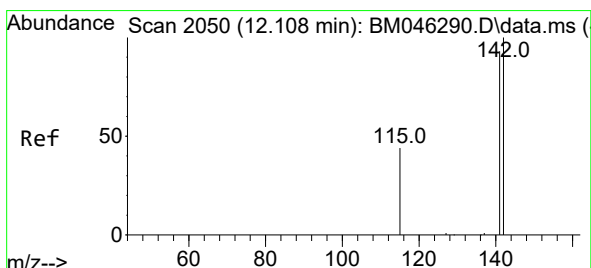
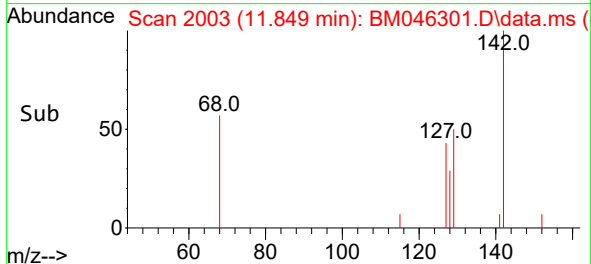
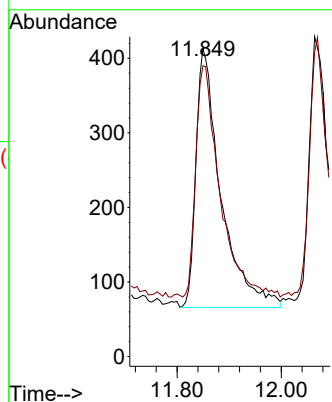
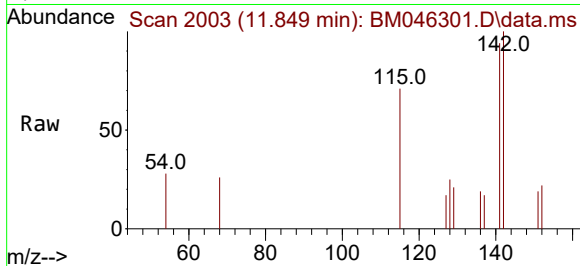




#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 11.849 min Scan# 2003
Delta R.T. -0.104 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

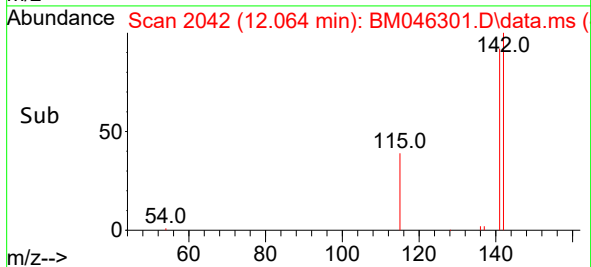
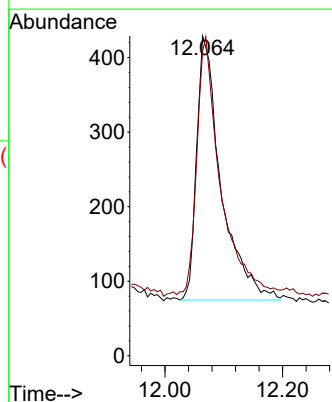
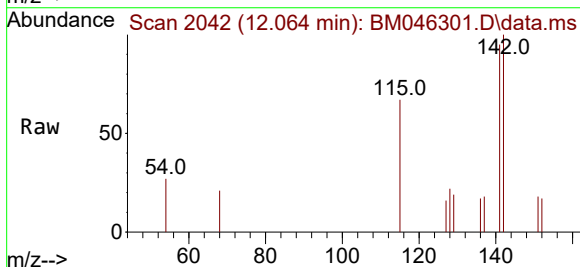
Instrument :
BNA_M
ClientSampleId :

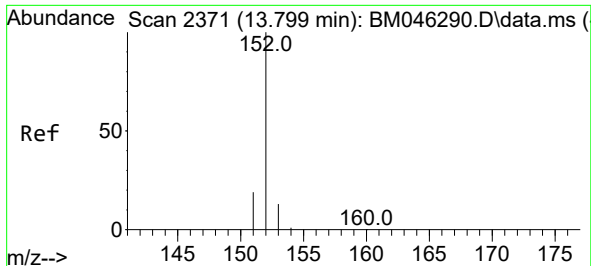
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 86.1 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.064 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Tgt Ion:142 Resp: 1021
Ion Ratio Lower Upper
142 100
141 94.9 75.2 112.8

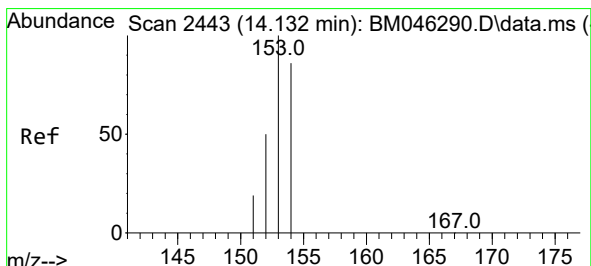
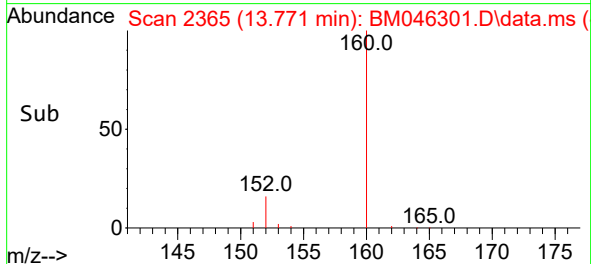
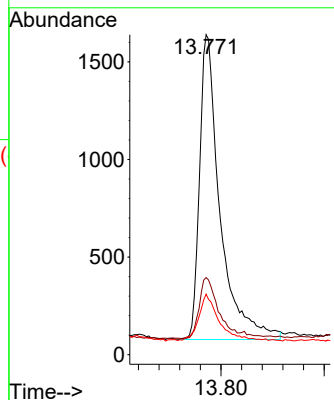
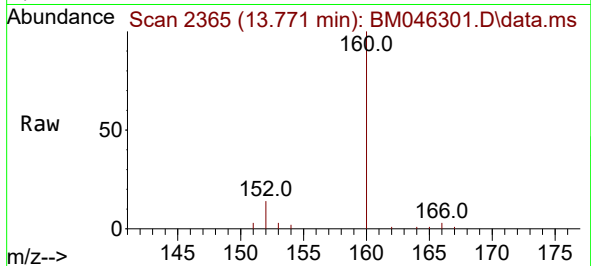




#10
Acenaphthylene
Concen: 0.213 ng/ul
RT: 13.771 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

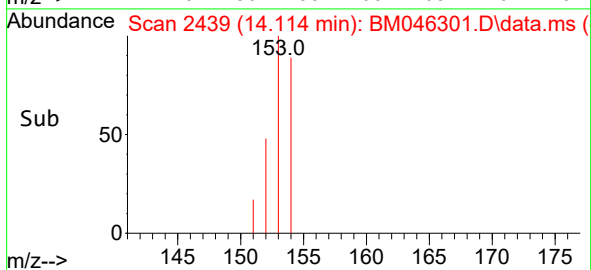
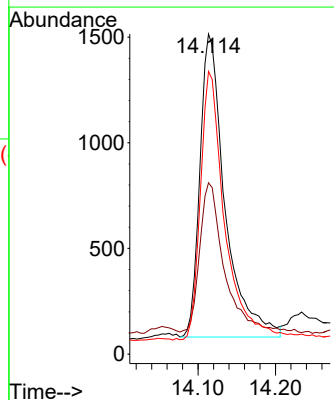
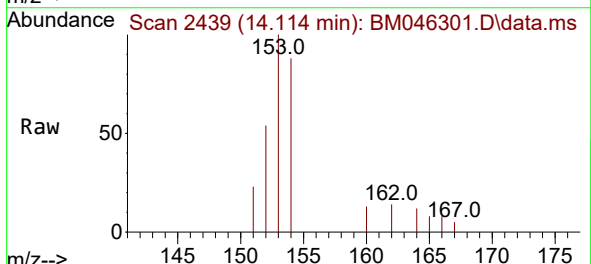
Instrument :
BNA_M
ClientSampleId :

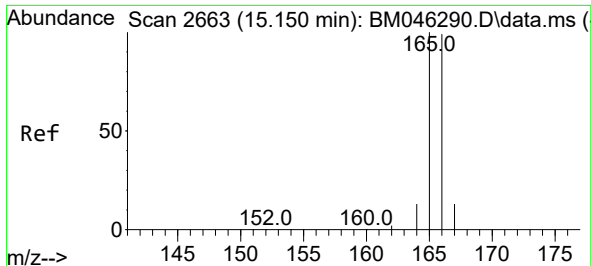
Tgt Ion:152 Resp: 4305
Ion Ratio Lower Upper
152 100
151 24.1 17.4 26.2
153 18.9 11.8 17.8#



#11
Acenaphthene
Concen: 0.222 ng/ul
RT: 14.114 min Scan# 2439
Delta R.T. -0.032 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Tgt Ion:153 Resp: 3233
Ion Ratio Lower Upper
153 100
152 53.5 41.3 61.9
154 88.3 68.2 102.4

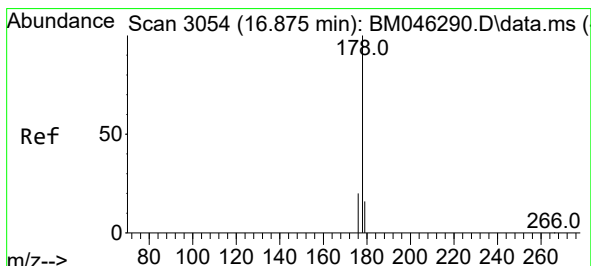
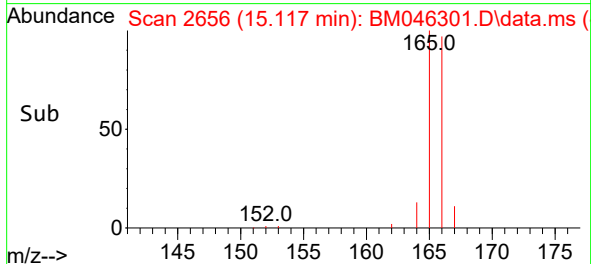
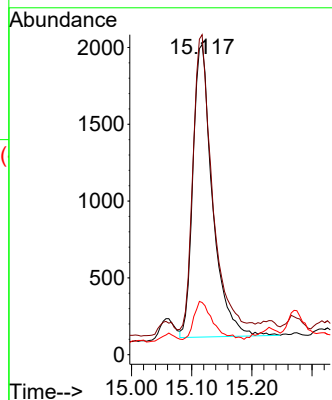
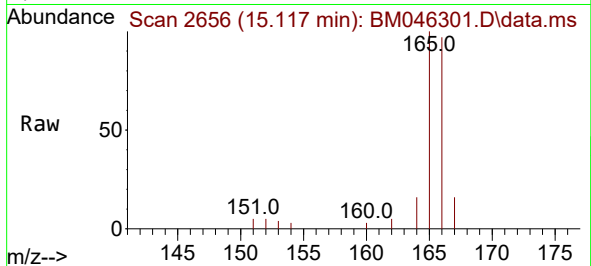




#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.117 min Scan# 20
Delta R.T. -0.051 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

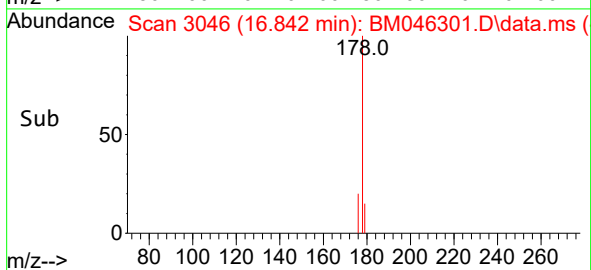
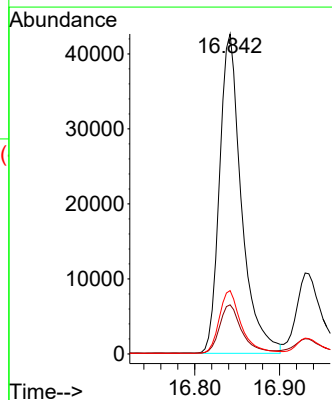
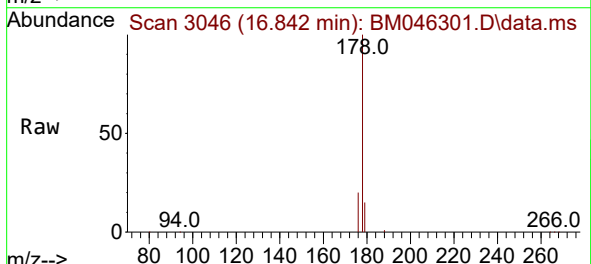
Instrument :
BNA_M
ClientSampleId :

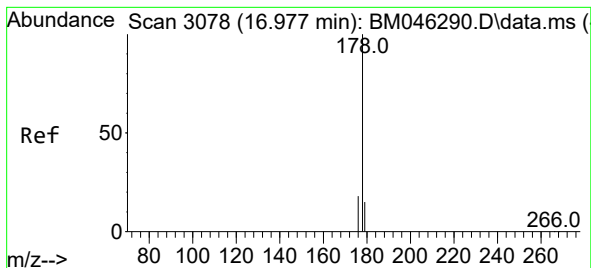
Tgt Ion:166 Resp: 4297
Ion Ratio Lower Upper
166 100
165 103.2 80.4 120.6
167 16.8 12.4 18.6



#15
Phenanthrene
Concen: 3.106 ng/ul
RT: 16.842 min Scan# 3046
Delta R.T. -0.046 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Tgt Ion:178 Resp: 76293
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.8 17.1 25.7





#16

Anthracene

Concen: 1.139 ng/ul

RT: 16.930 min Scan# 3078

Delta R.T. -0.076 min

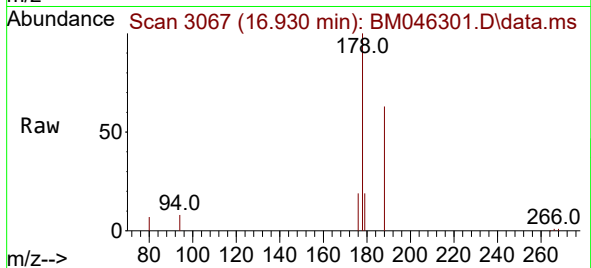
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Acq: 25 Jun 2024 20:57

Instrument :

BNA_M

ClientSampleId :



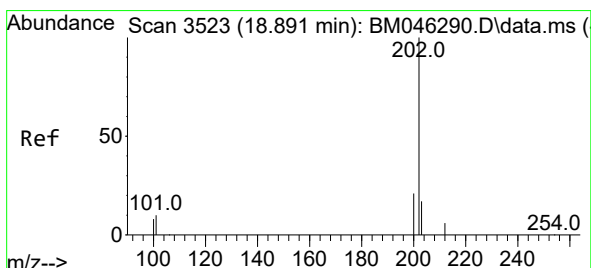
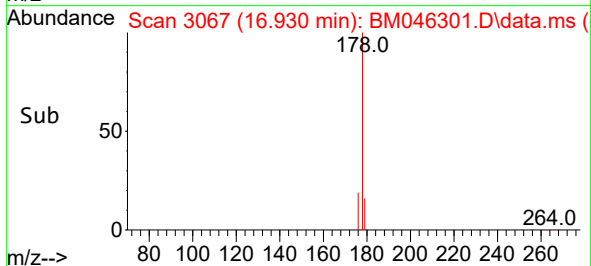
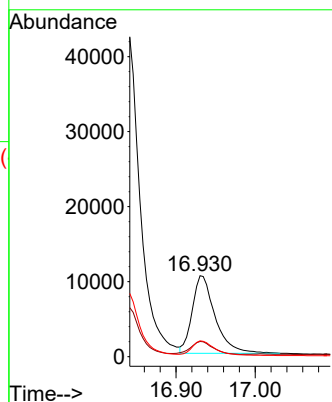
Tgt Ion:178 Resp: 20826

Ion Ratio Lower Upper

178 100

179 18.7 14.9 22.3

176 19.5 17.0 25.4



#19

Fluoranthene

Concen: 3.522 ng/ul

RT: 18.858 min Scan# 3516

Delta R.T. -0.046 min

Lab File: BM046301.D

Acq: 25 Jun 2024 20:57

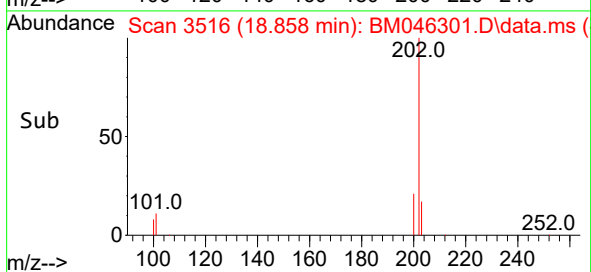
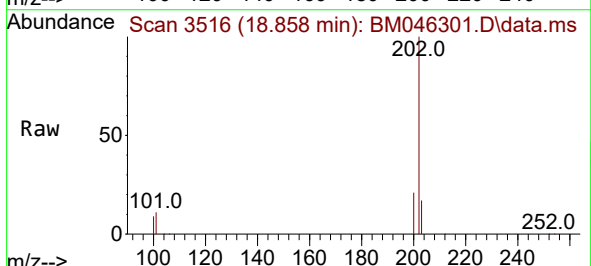
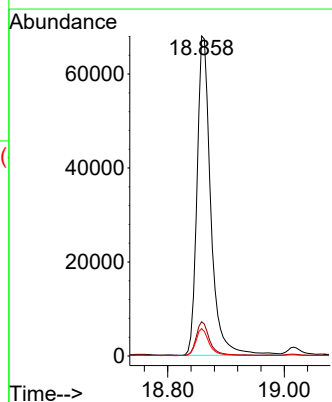
Tgt Ion:202 Resp: 111356

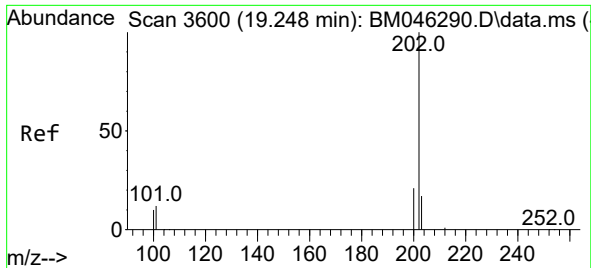
Ion Ratio Lower Upper

202 100

101 10.7 9.6 14.4

100 8.5 7.6 11.4

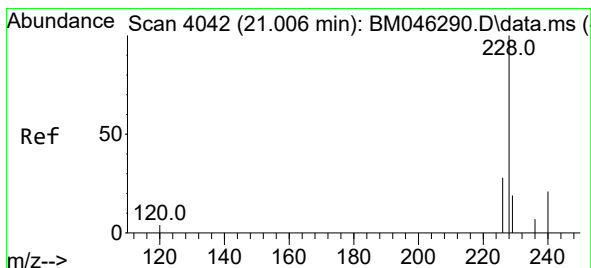
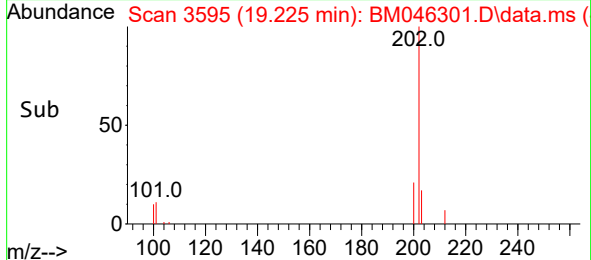
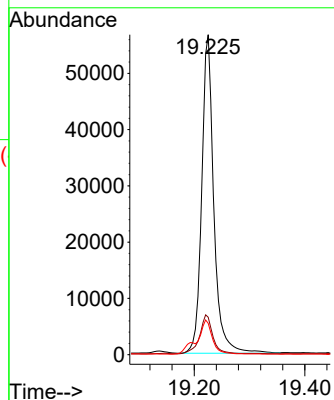
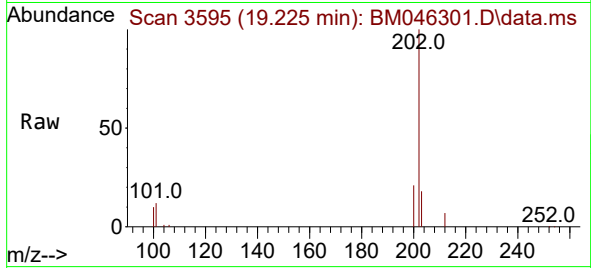




#20
Pyrene
Concen: 2.518 ng/ul
RT: 19.225 min Scan# 31
Delta R.T. -0.033 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

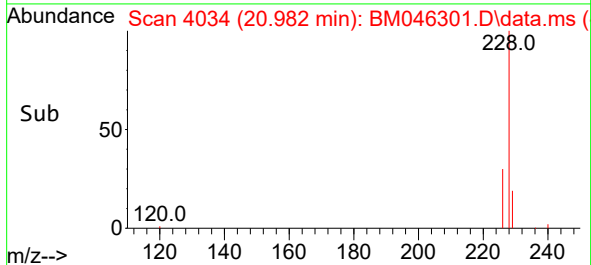
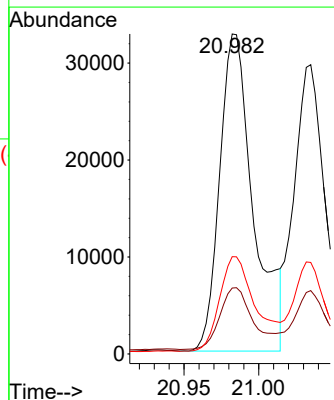
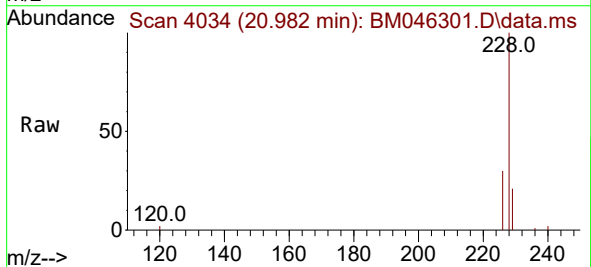
Instrument :
BNA_M
ClientSampleId :

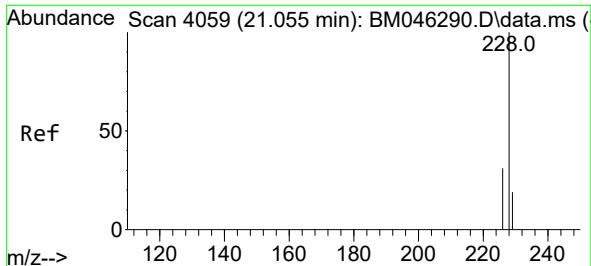
Tgt Ion:202 Resp: 86111
Ion Ratio Lower Upper
202 100
101 11.7 11.3 16.9
100 9.8 9.8 14.6



#21
Benzo(a)anthracene
Concen: 1.820 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.029 min
Lab File: BM046301.D
Acq: 25 Jun 2024 20:57

Tgt Ion:228 Resp: 51350
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 30.4 23.4 35.2





#22

Chrysene

Concen: 1.216 ng/ul

RT: 21.035 min Scan# 4052

Delta R.T. -0.023 min

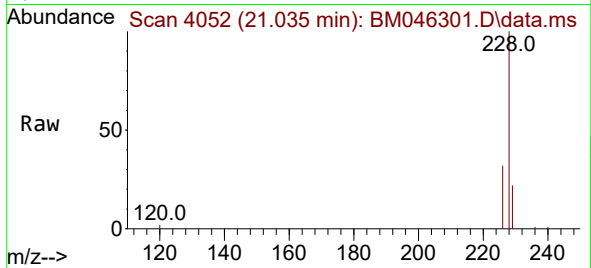
Lab File: BM046301.D

Acq: 25 Jun 2024 20:57

Instrument :

BNA_M

ClientSampleId :



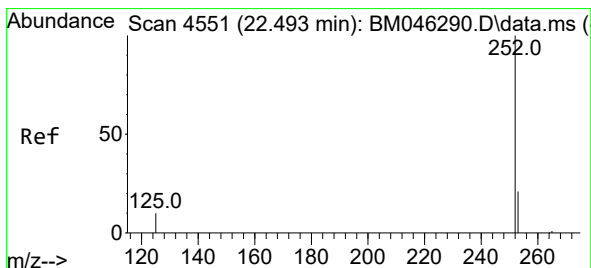
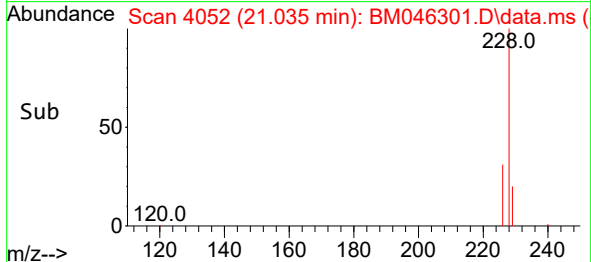
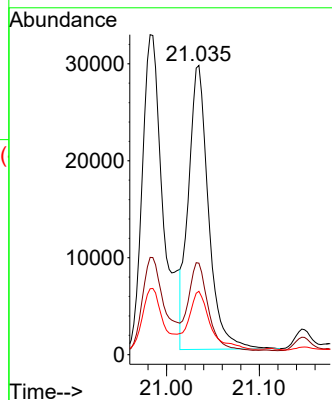
Tgt Ion:228 Resp: 43771

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

229 21.9 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 2.473 ng/ul

RT: 22.475 min Scan# 4545

Delta R.T. -0.020 min

Lab File: BM046301.D

Acq: 25 Jun 2024 20:57

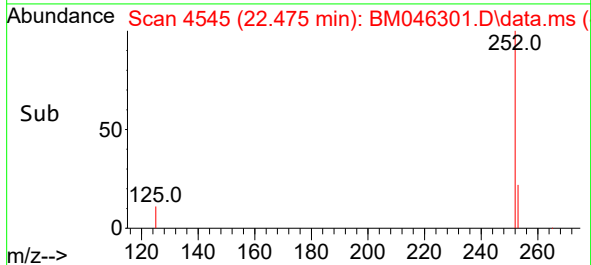
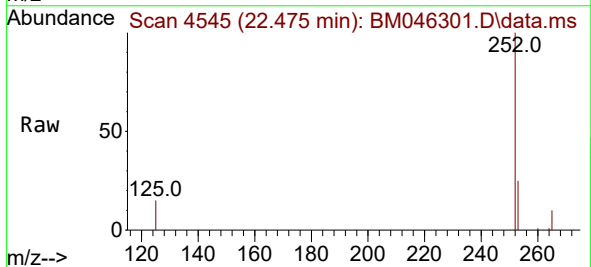
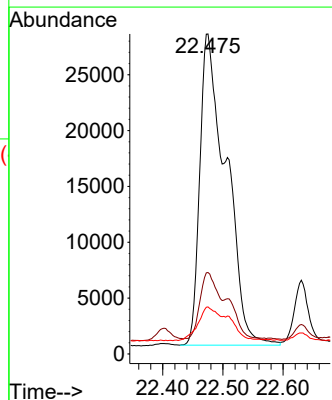
Tgt Ion:252 Resp: 84307

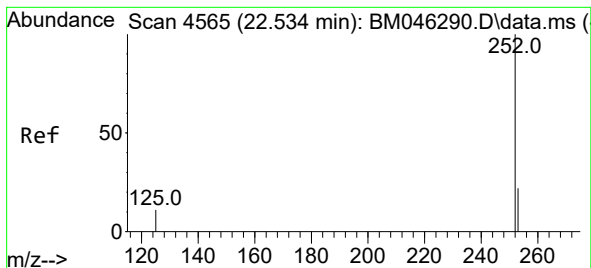
Ion Ratio Lower Upper

252 100

253 25.5 0.0 65.8

125 14.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 2.080 ng/ul

RT: 22.475 min Scan# 4

Delta R.T. -0.061 min

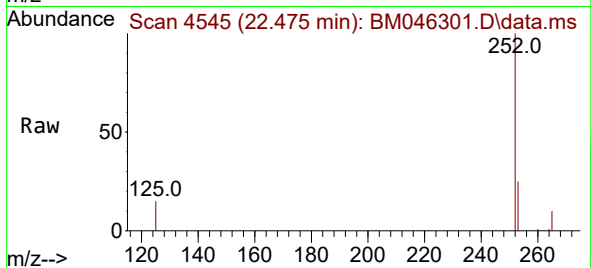
Lab File: BM046301.D

Acq: 25 Jun 2024 20:57

Instrument :

BNA_M

ClientSampleId :



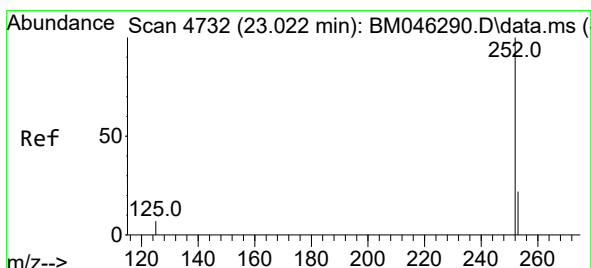
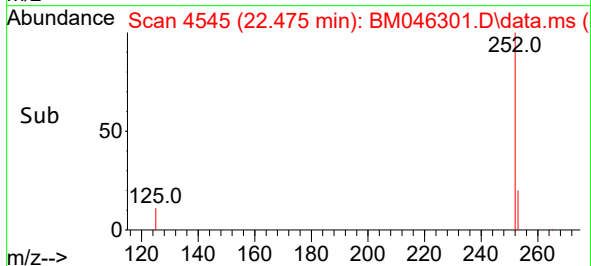
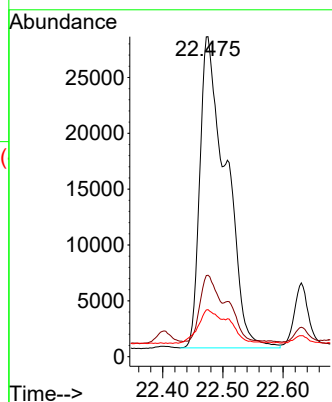
Tgt Ion:252 Resp: 84307

Ion Ratio Lower Upper

252 100

253 25.5 27.2 40.8#

125 14.7 16.6 25.0#



#26

Benzo(a)pyrene

Concen: 0.452 ng/ul

RT: 22.908 min Scan# 4693

Delta R.T. -0.120 min

Lab File: BM046301.D

Acq: 25 Jun 2024 20:57

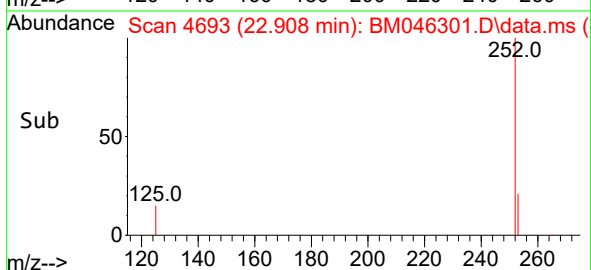
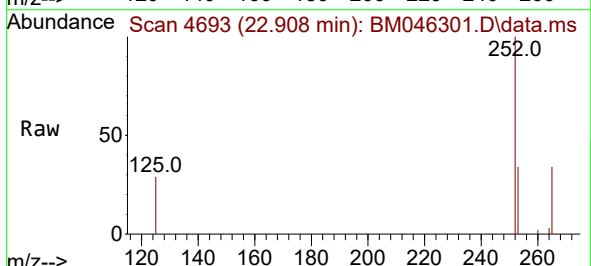
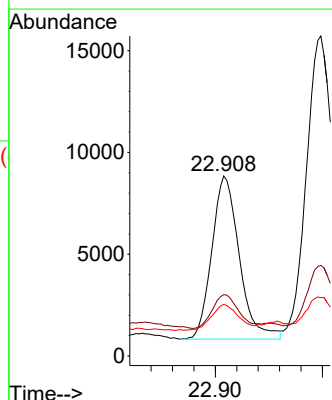
Tgt Ion:252 Resp: 14280

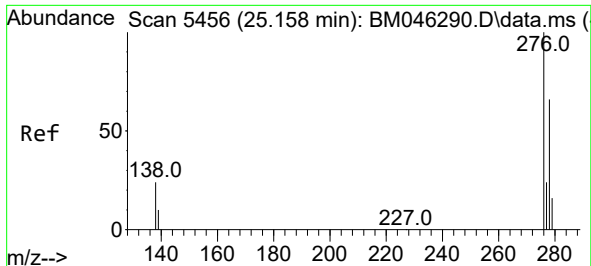
Ion Ratio Lower Upper

252 100

253 34.0 32.1 48.1

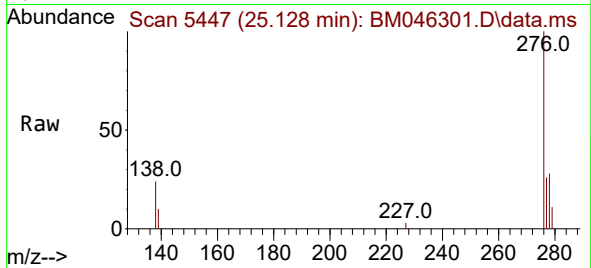
125 28.6 21.2 31.8



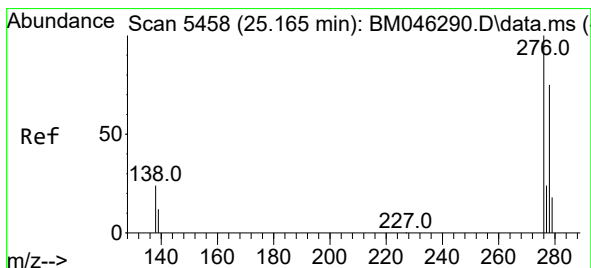
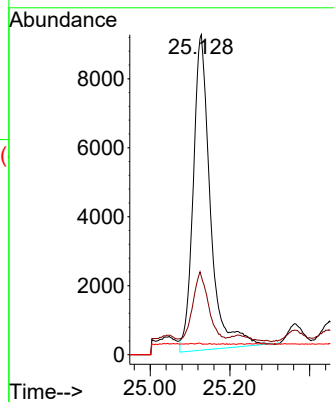
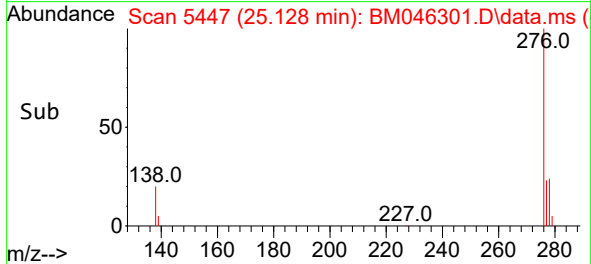


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.526 ng/ul
 RT: 25.128 min Scan# 5456
 Delta R.T. -0.040 min
 Lab File: BM046301.D
 Acq: 25 Jun 2024 20:57

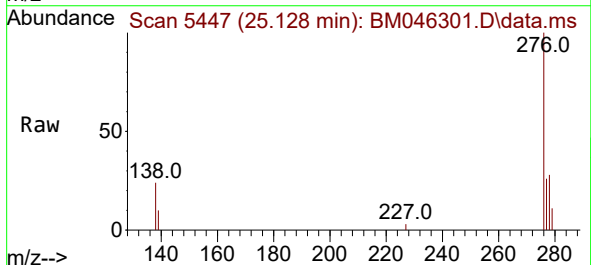
Instrument :
 BNA_M
 ClientSampleId :



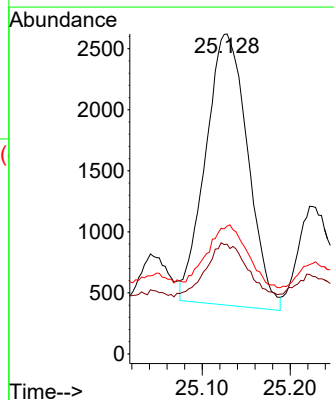
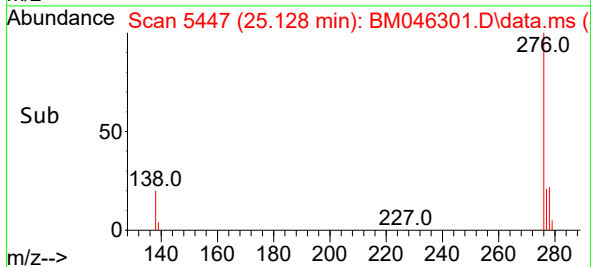
Tgt Ion:276 Resp: 27182
 Ion Ratio Lower Upper
 276 100
 138 28.3 21.0 31.4
 227 22.8 0.0 0.0#

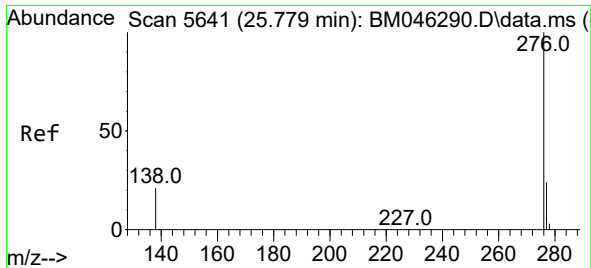


#28
 Dibenzo(a,h)anthracene
 Concen: 0.192 ng/ul
 RT: 25.128 min Scan# 5447
 Delta R.T. -0.054 min
 Lab File: BM046301.D
 Acq: 25 Jun 2024 20:57



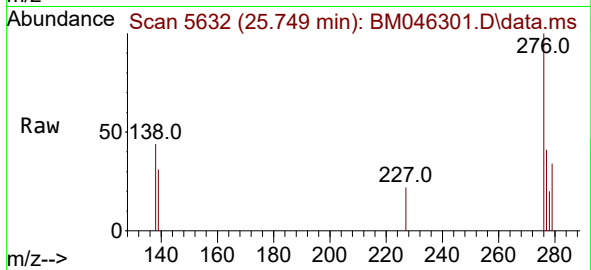
Tgt Ion:278 Resp: 7391
 Ion Ratio Lower Upper
 278 100
 139 34.3 17.6 26.4#
 279 39.9 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.088 ng/ul
 RT: 25.749 min Scan# 50
 Delta R.T. -0.037 min
 Lab File: BM046301.D
 Acq: 25 Jun 2024 20:57

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 3908
 Ion Ratio Lower Upper
 276 100
 138 44.1 21.7 32.5#
 277 41.2 20.4 30.6#

