

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046299.D
 Acq On : 25 Jun 2024 19:44
 Operator : MA/JU
 Sample : P2844-21DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 25 23:28:49 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)

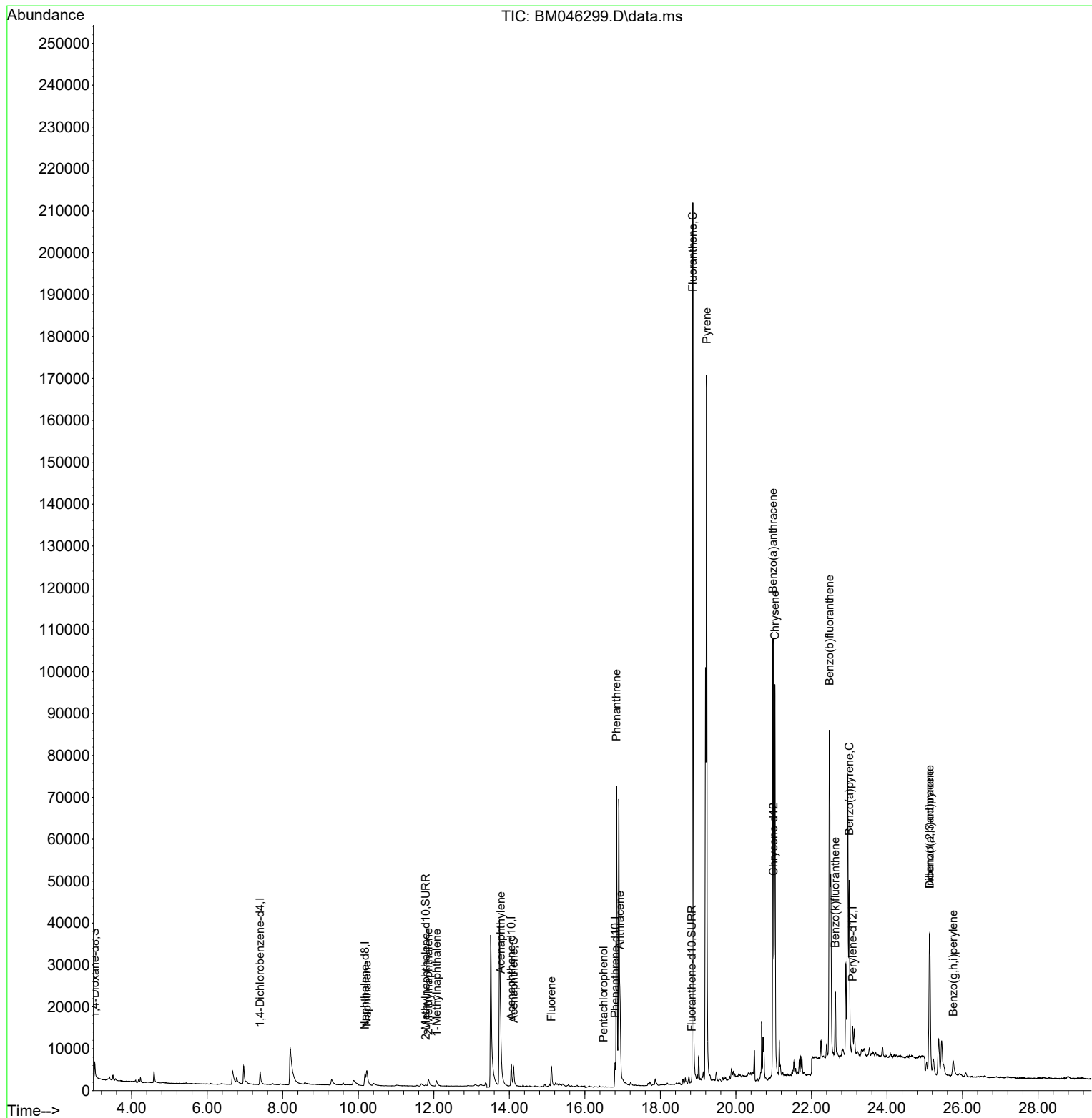
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2327	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.178	136	7120	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3895	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8152	0.400	ng/ul	-0.05
17) Chrysene-d12	20.997	240	6761	0.400	ng/ul	-0.03
23) Perylene-d12	23.089	264	8725	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2336	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	593	0.062	ng/ul	-0.09
18) Fluoranthene-d10	18.830	212	1334	0.066	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.227	128	8011	0.403	ng/ul	99
7) 2-Methylnaphthalene	11.855	142	2176	0.195	ng/ul	98
8) 1-Methylnaphthalene	12.075	142	1566	0.128	ng/ul	97
10) Acenaphthylene	13.771	152	9808	0.531	ng/ul	98
11) Acenaphthene	14.113	153	3622	0.272	ng/ul	97
12) Fluorene	15.113	166	4526	0.316	ng/ul	98
14) Pentachlorophenol	16.491	266	49	0.020	ng/ul#	86
15) Phenanthrene	16.837	178	91282	3.986	ng/ul	96
16) Anthracene	16.930	178	21761	1.276	ng/ul	98
19) Fluoranthene	18.858	202	193730	6.618	ng/ul	96
20) Pyrene	19.225	202	154039	4.866	ng/ul#	93
21) Benzo(a)anthracene	20.982	228	93875	3.595	ng/ul	99
22) Chrysene	21.032	228	90248	2.708	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	166938	5.311	ng/ul	85
25) Benzo(k)fluoranthene	22.630	252	17095	0.457	ng/ul	96
26) Benzo(a)pyrene	22.998	252	53447	1.835	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.128	276	52580	1.103	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.128	278	14670	0.413	ng/ul#	93
29) Benzo(g,h,i)perylene	25.752	276	7584	0.186	ng/ul#	79

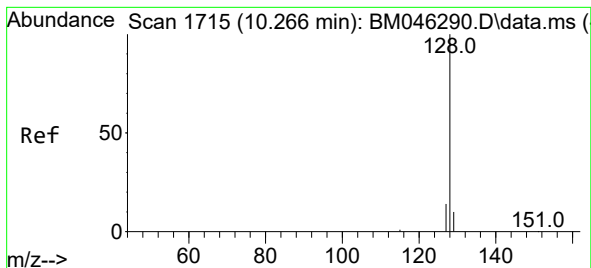
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 23:28:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.403 ng/ul

RT: 10.227 min Scan# 11

Delta R.T. -0.077 min

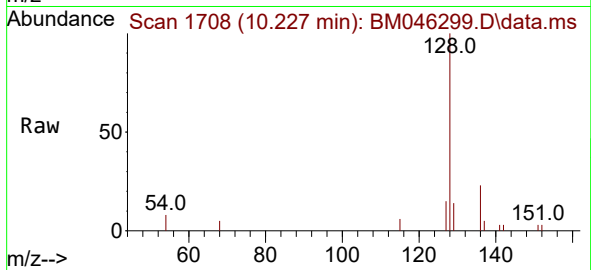
Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Instrument :

BNA_G

ClientSampleId :



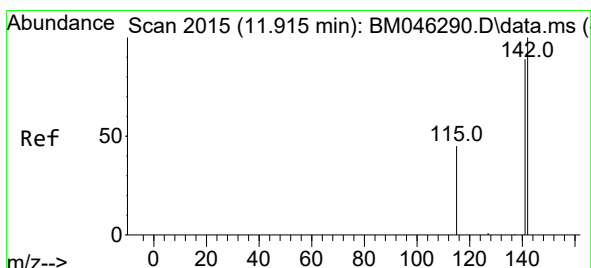
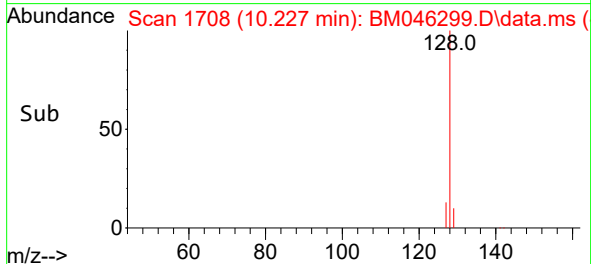
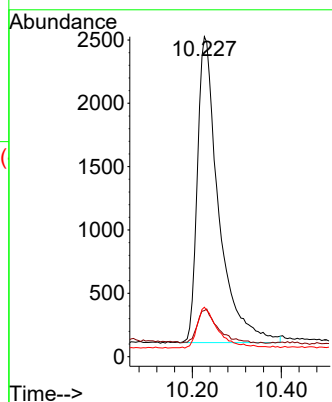
Tgt Ion:128 Resp: 8011

Ion Ratio Lower Upper

128 100

129 14.4 11.8 17.6

127 15.4 12.8 19.2



#7

2-Methylnaphthalene

Concen: 0.195 ng/ul

RT: 11.855 min Scan# 2004

Delta R.T. -0.099 min

Lab File: BM046299.D

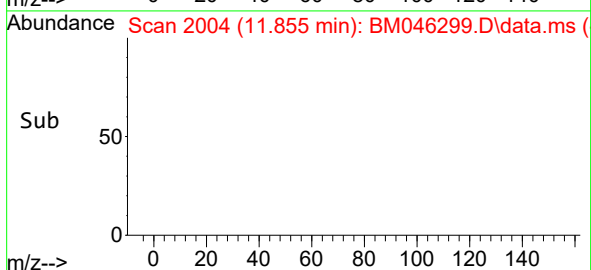
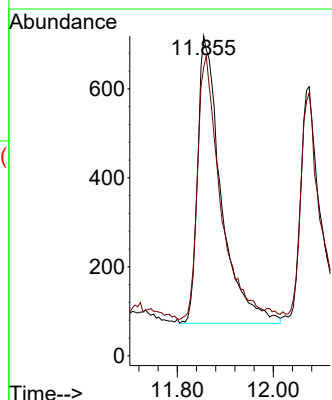
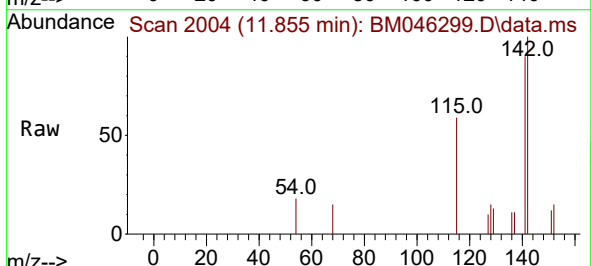
Acq: 25 Jun 2024 19:44

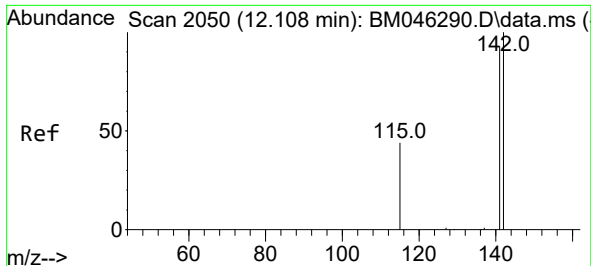
Tgt Ion:142 Resp: 2176

Ion Ratio Lower Upper

142 100

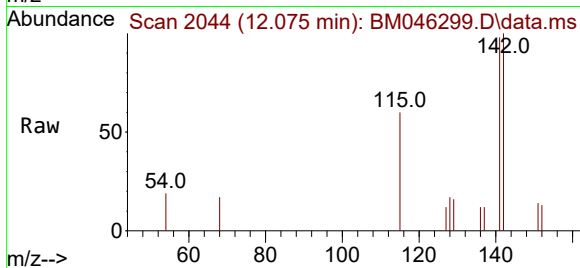
141 91.5 74.6 111.8



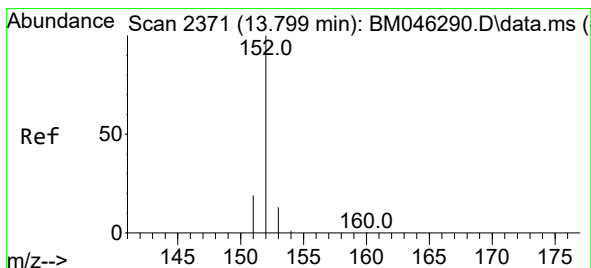
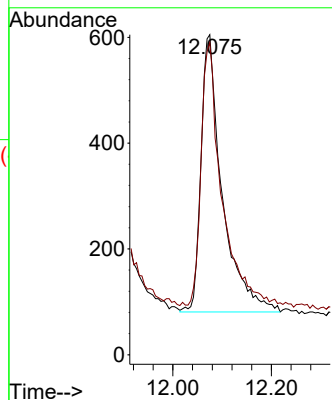
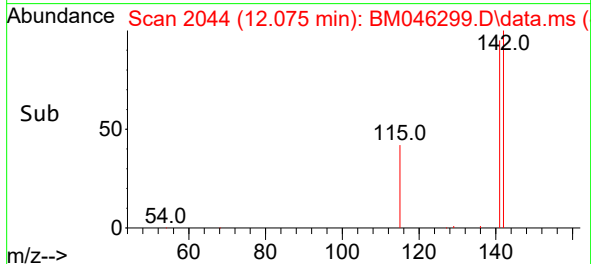


#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.075 min Scan# 2050
Delta R.T. -0.061 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Instrument :
BNA_G
ClientSampleId :

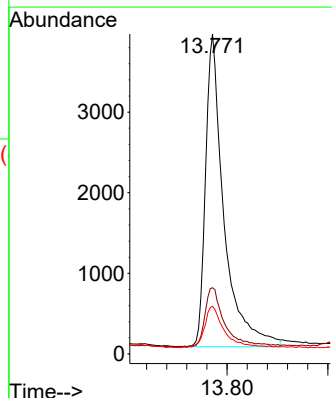
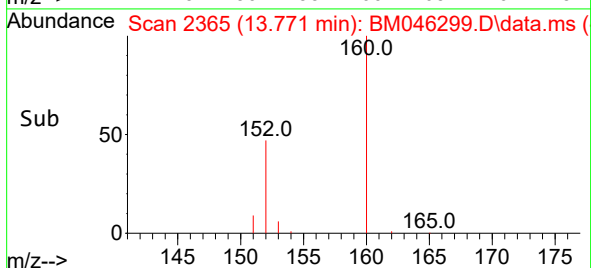
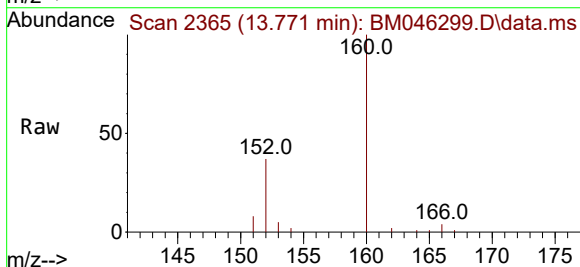


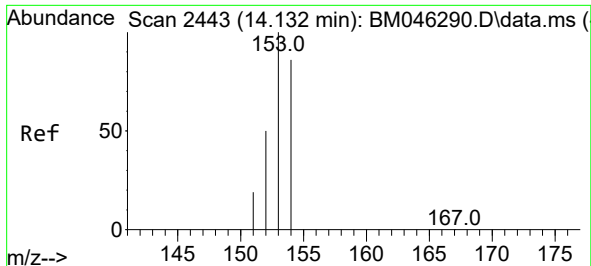
Tgt Ion:142 Resp: 1566
Ion Ratio Lower Upper
142 100
141 91.5 75.2 112.8



#10
Acenaphthylene
Concen: 0.531 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.046 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Tgt Ion:152 Resp: 9808
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2
153 14.9 11.8 17.8

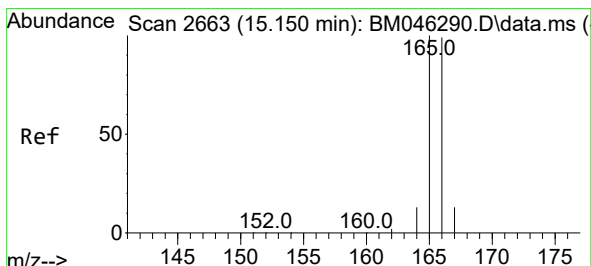
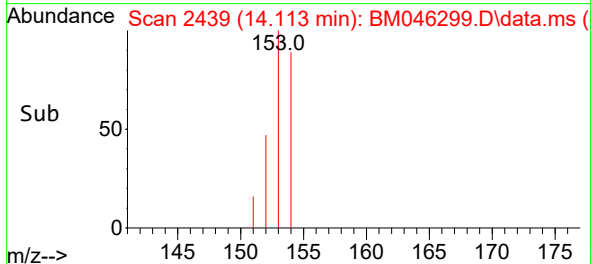
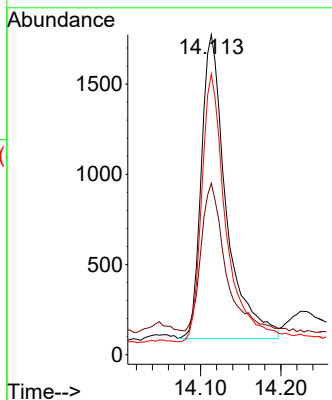
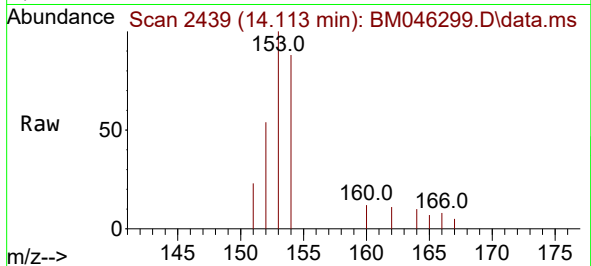




#11
Acenaphthene
Concen: 0.272 ng/ul
RT: 14.113 min Scan# 2443
Delta R.T. -0.032 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

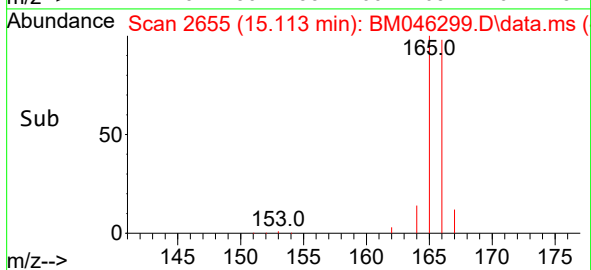
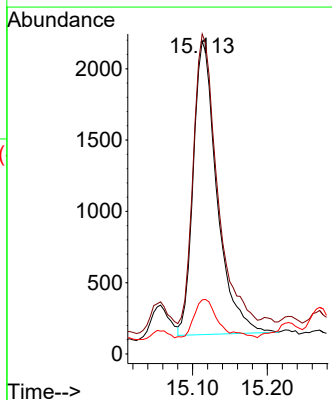
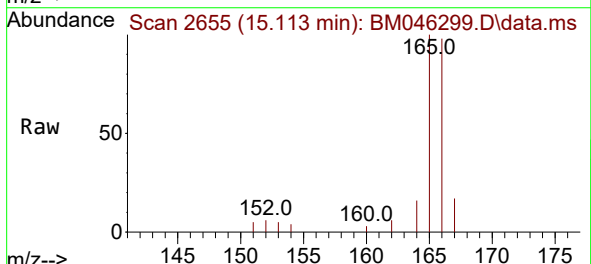
Instrument :
BNA_G
ClientSampleId :

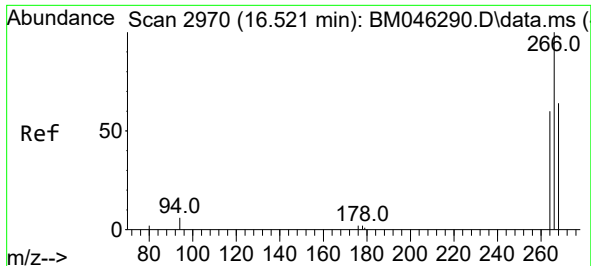
Tgt Ion:153 Resp: 3622
Ion Ratio Lower Upper
153 100
152 53.6 41.3 61.9
154 87.7 68.2 102.4



#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.056 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

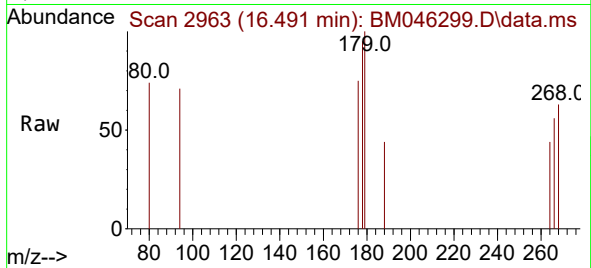
Tgt Ion:166 Resp: 4526
Ion Ratio Lower Upper
166 100
165 102.3 80.4 120.6
167 17.3 12.4 18.6



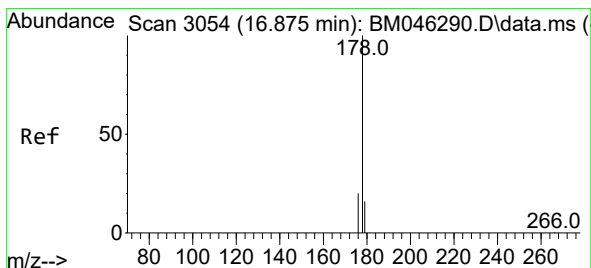
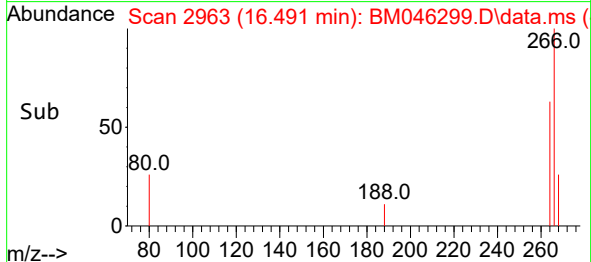
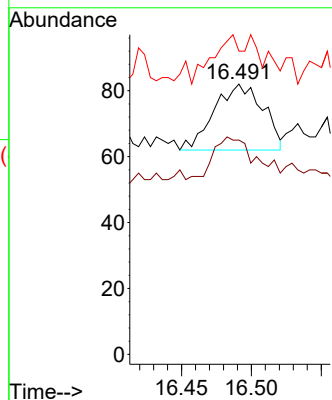


#14
 Pentachlorophenol
 Concen: 0.020 ng/ul
 RT: 16.491 min Scan# 2970
 Delta R.T. -0.042 min
 Lab File: BM046299.D
 Acq: 25 Jun 2024 19:44

Instrument :
 BNA_G
 ClientSampleId :

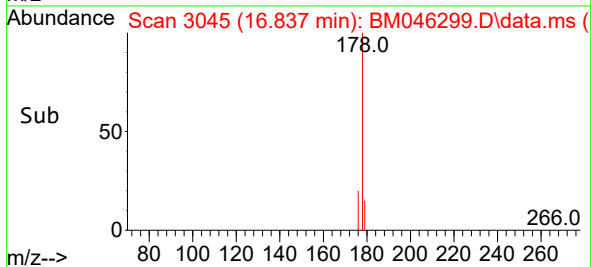
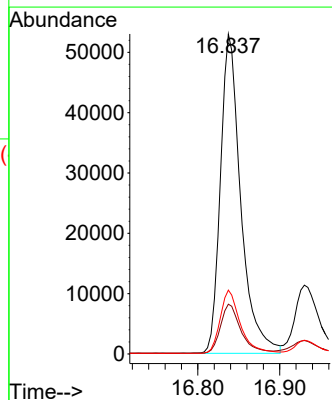
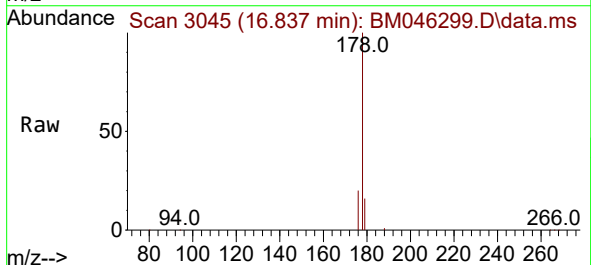


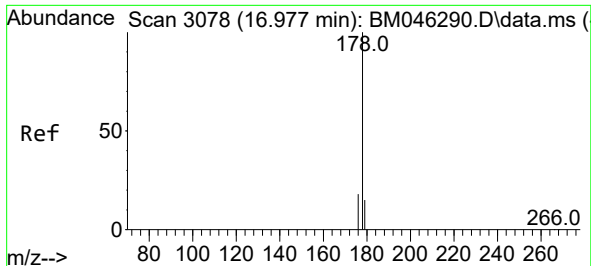
Tgt Ion:266 Resp: 49
 Ion Ratio Lower Upper
 266 100
 264 67.3 50.9 76.3
 268 83.7 52.3 78.5#



#15
 Phenanthrene
 Concen: 3.986 ng/ul
 RT: 16.837 min Scan# 3045
 Delta R.T. -0.051 min
 Lab File: BM046299.D
 Acq: 25 Jun 2024 19:44

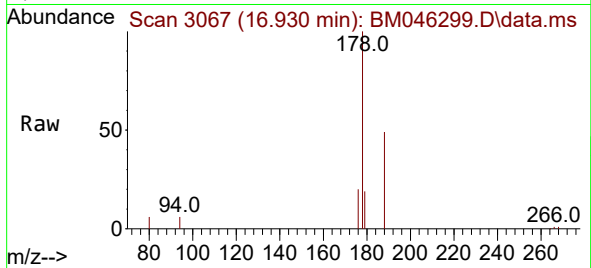
Tgt Ion:178 Resp: 91282
 Ion Ratio Lower Upper
 178 100
 179 15.6 14.2 21.2
 176 20.0 17.1 25.7



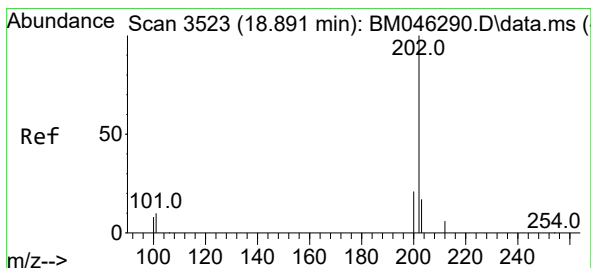
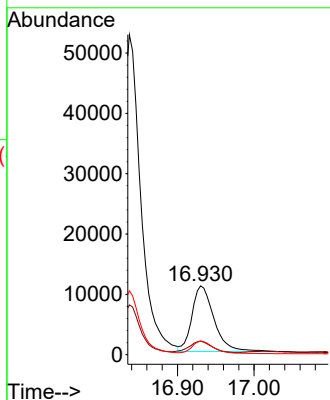
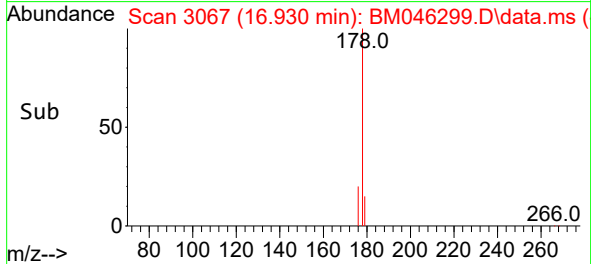


#16
Anthracene
Concen: 1.276 ng/ul
RT: 16.930 min Scan# 3078
Delta R.T. -0.076 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Instrument :
BNA_G
ClientSampleId :

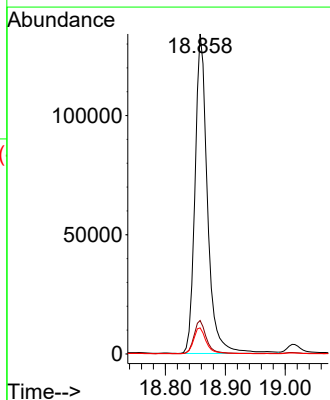
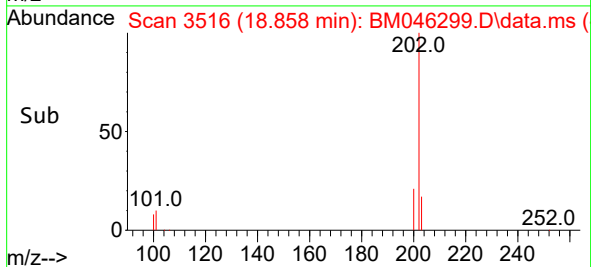
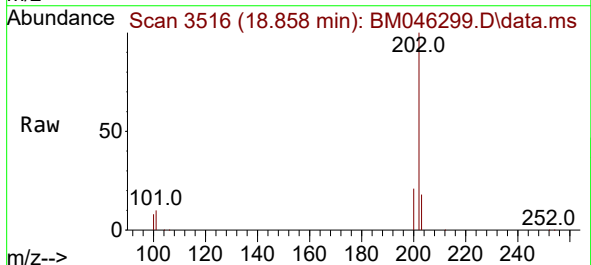


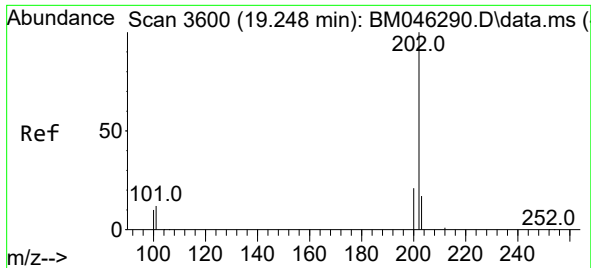
Tgt Ion:178 Resp: 21761
Ion Ratio Lower Upper
178 100
179 19.4 14.9 22.3
176 20.1 17.0 25.4



#19
Fluoranthene
Concen: 6.618 ng/ul
RT: 18.858 min Scan# 3516
Delta R.T. -0.047 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Tgt Ion:202 Resp: 193730
Ion Ratio Lower Upper
202 100
101 10.5 9.6 14.4
100 8.2 7.6 11.4

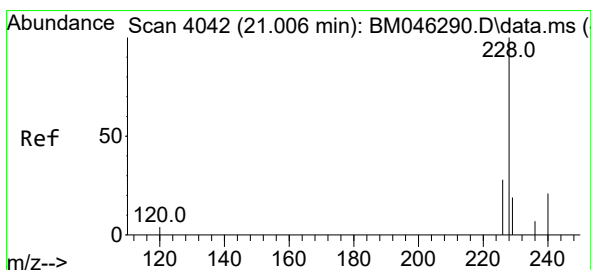
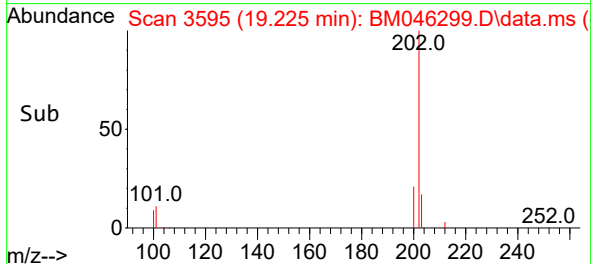
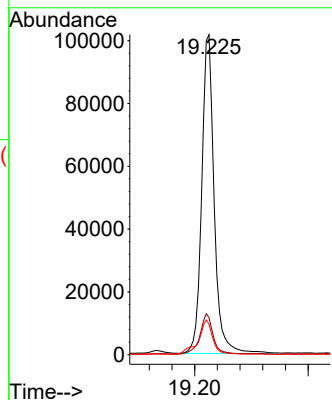
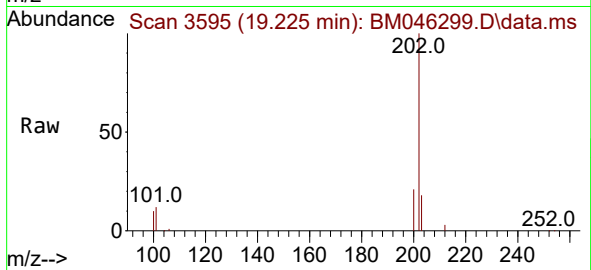




#20
Pyrene
Concen: 4.866 ng/ul
RT: 19.225 min Scan# 31
Delta R.T. -0.033 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

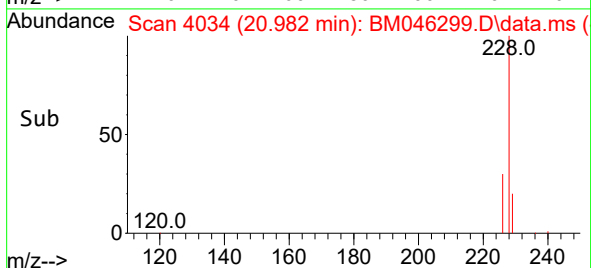
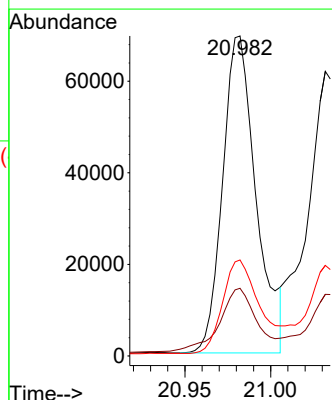
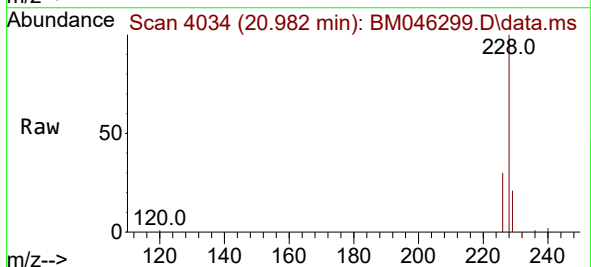
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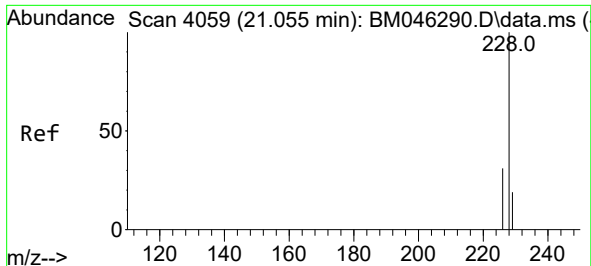
Tgt Ion:202 Resp: 154039
Ion Ratio Lower Upper
202 100
101 11.5 11.3 16.9
100 9.5 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 3.595 ng/ul
RT: 20.982 min Scan# 4034
Delta R.T. -0.029 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

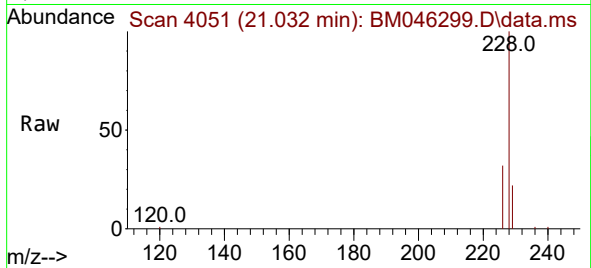
Tgt Ion:228 Resp: 93875
Ion Ratio Lower Upper
228 100
229 21.1 16.4 24.6
226 30.0 23.4 35.2



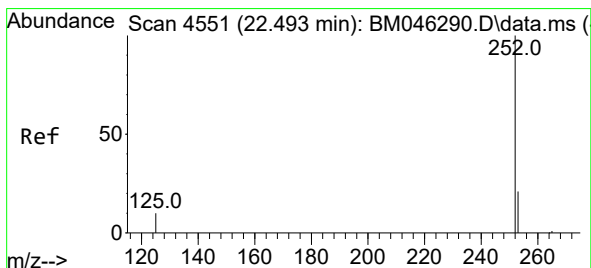
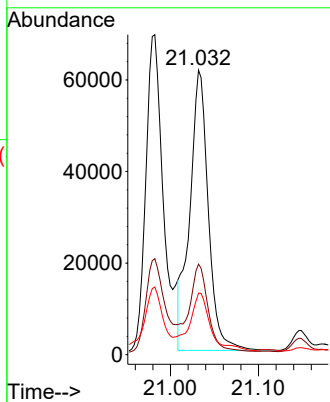
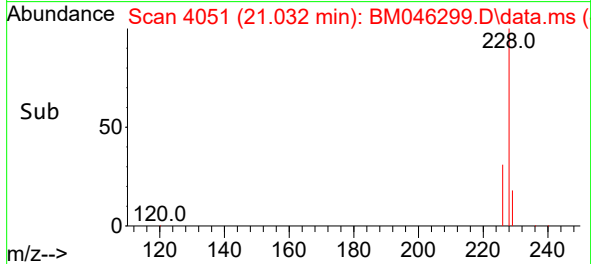


#22
Chrysene
Concen: 2.708 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.026 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

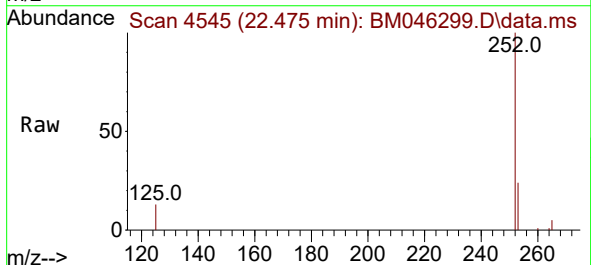
Instrument :
BNA_G
ClientSampleId :



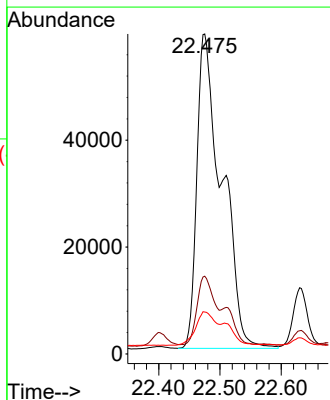
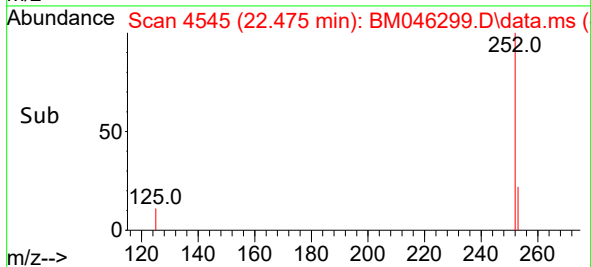
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Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.6 16.3 24.5

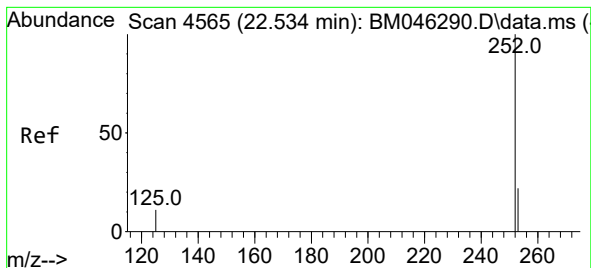


#24
Benzo(b)fluoranthene
Concen: 5.311 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.021 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44



Tgt Ion:252 Resp: 166938
Ion Ratio Lower Upper
252 100
253 24.3 0.0 65.8
125 13.1 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.457 ng/ul

RT: 22.630 min Scan# 4

Delta R.T. 0.093 min

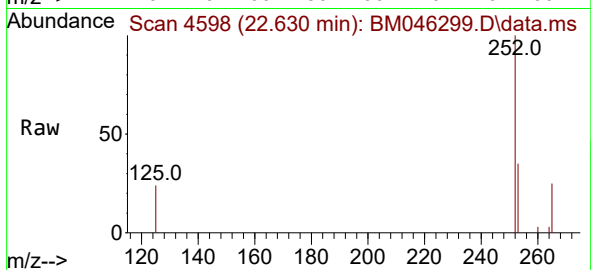
Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Instrument :

BNA_G

ClientSampleId :



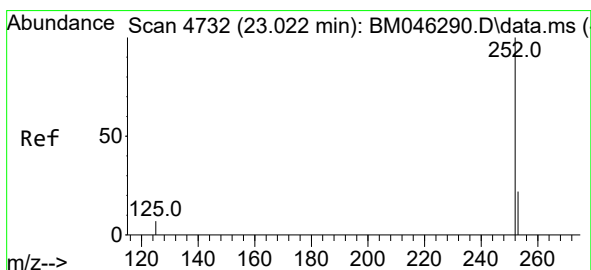
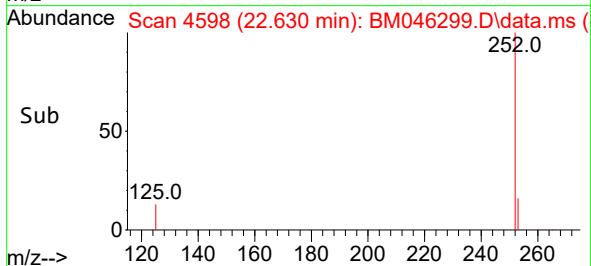
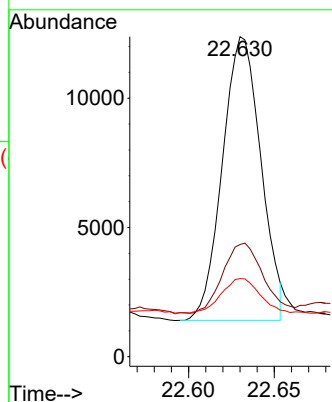
Tgt Ion:252 Resp: 17095

Ion Ratio Lower Upper

252 100

253 35.1 27.2 40.8

125 24.4 16.6 25.0



#26

Benzo(a)pyrene

Concen: 1.835 ng/ul

RT: 22.998 min Scan# 4724

Delta R.T. -0.029 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

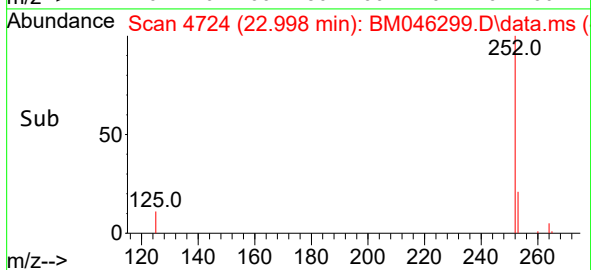
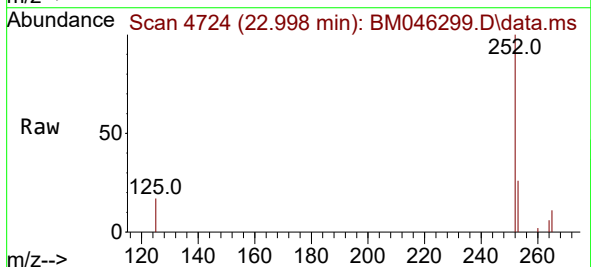
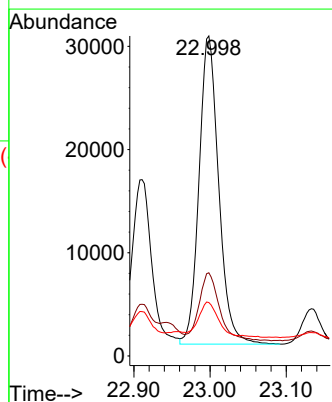
Tgt Ion:252 Resp: 53447

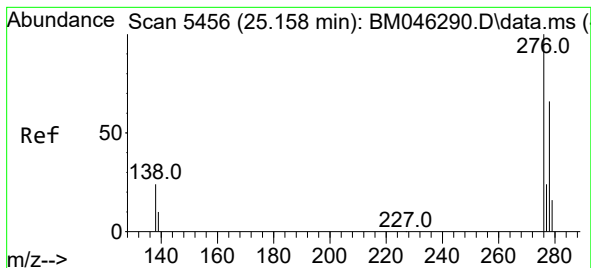
Ion Ratio Lower Upper

252 100

253 26.0 32.1 48.1#

125 16.7 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.103 ng/ul

RT: 25.128 min Scan# 54

Delta R.T. -0.040 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

Instrument :

BNA_G

ClientSampleId :

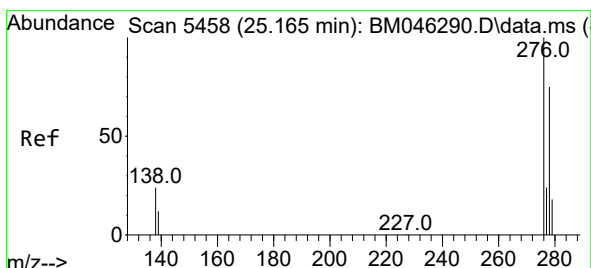
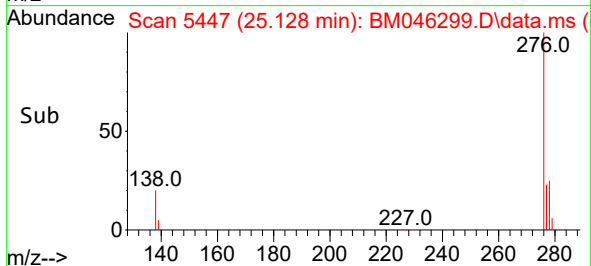
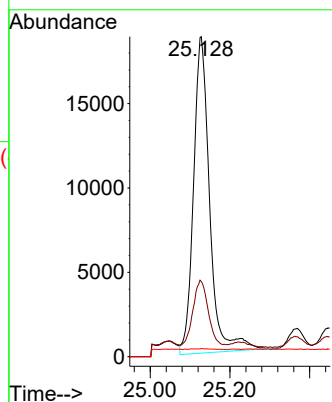
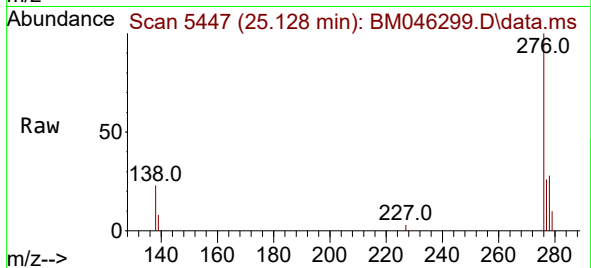
Tgt Ion:276 Resp: 52580

Ion Ratio Lower Upper

276 100

138 27.4 21.0 31.4

227 16.6 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.413 ng/ul

RT: 25.128 min Scan# 5447

Delta R.T. -0.054 min

Lab File: BM046299.D

Acq: 25 Jun 2024 19:44

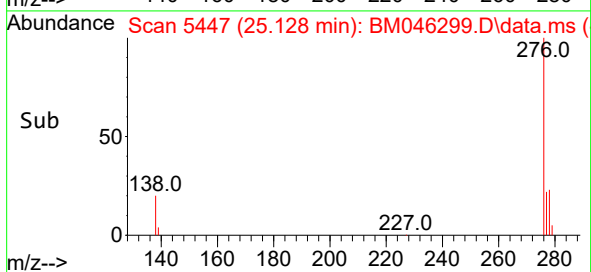
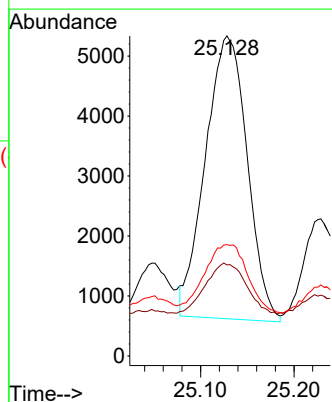
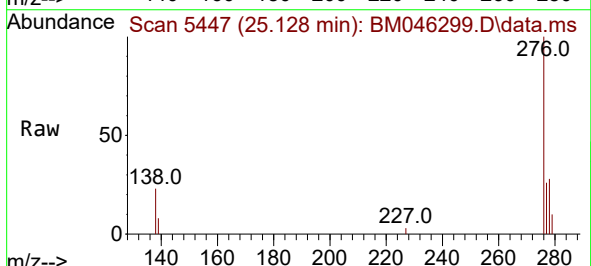
Tgt Ion:278 Resp: 14670

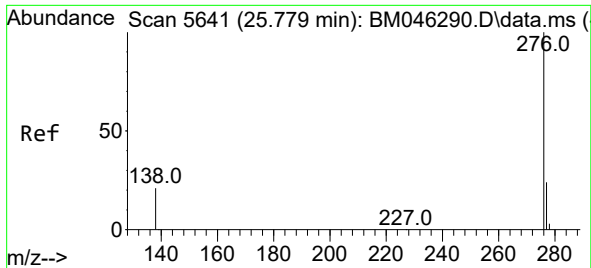
Ion Ratio Lower Upper

278 100

139 28.5 17.6 26.4#

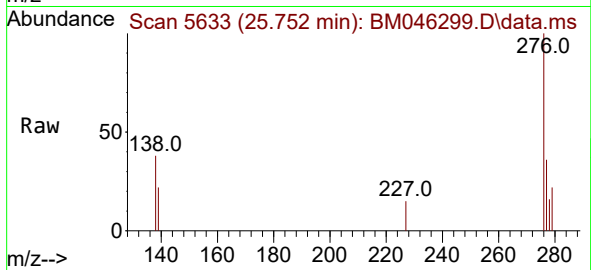
279 34.8 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 25.752 min Scan# 50
Delta R.T. -0.034 min
Lab File: BM046299.D
Acq: 25 Jun 2024 19:44

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 7584
Ion Ratio Lower Upper
276 100
138 37.7 21.7 32.5#
277 36.5 20.4 30.6#

