

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046269.D
 Acq On : 25 Jun 2024 00:48
 Operator : MA/JU
 Sample : P2776-10DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA5DL

Quant Time: Jun 25 02:28:36 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

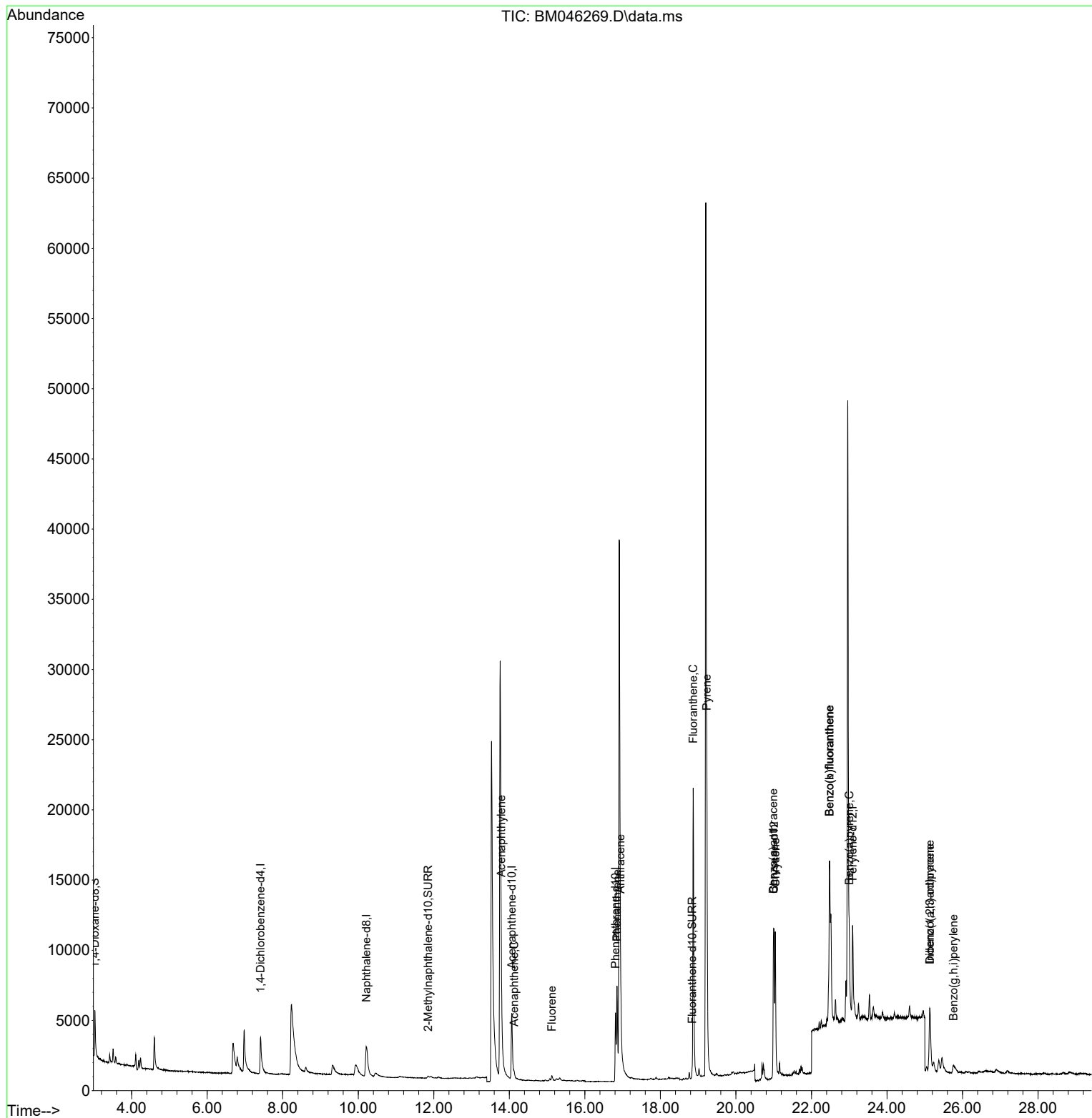
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2448	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.210	136	7131	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.062	164	4187	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	7957	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6612	0.400	ng/ul	-0.04
23) Perylene-d12	23.089	264	9500	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2179	0.649	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	456	0.048	ng/ul	-0.02
18) Fluoranthene-d10	18.839	212	950	0.048	ng/ul	-0.05
Target Compounds					Qvalue	
10) Acenaphthylene	13.785	152	1097	0.055	ng/ul#	75
11) Acenaphthene	14.127	153	349	0.024	ng/ul#	94
12) Fluorene	15.126	166	461	0.030	ng/ul#	90
15) Phenanthrene	16.850	178	9310	0.416	ng/ul	99
16) Anthracene	16.943	178	1854	0.111	ng/ul#	83
19) Fluoranthene	18.867	202	23565	0.823	ng/ul	98
20) Pyrene	19.230	202	17322	0.559	ng/ul	98
21) Benzo(a)anthracene	20.991	228	10361	0.406	ng/ul	95
22) Chrysene	21.040	228	10825	0.332	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	26804	0.783	ng/ul	95
25) Benzo(k)fluoranthene	22.478	252	26804	0.659	ng/ul	94
26) Benzo(a)pyrene	23.001	252	6166	0.194	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.131	276	8006	0.154	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.135	278	2291	0.059	ng/ul#	34
29) Benzo(g,h,i)perylene	25.759	276	1317	0.030	ng/ul#	46

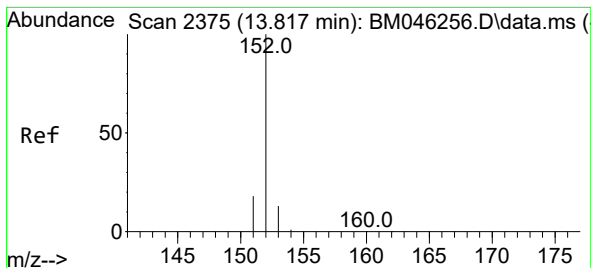
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 24 02:25:34 2024
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#10

Acenaphthylene

Concen: 0.055 ng/ul

RT: 13.785 min Scan# 21

Delta R.T. -0.050 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

Instrument :

BNA_M

ClientSampleId :

A4CA5DL

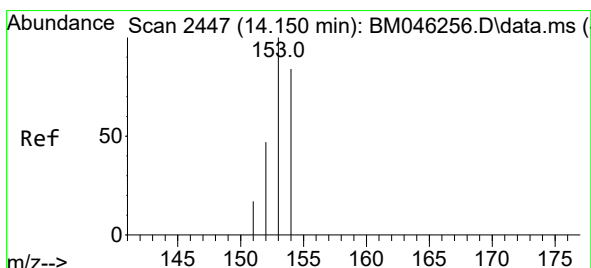
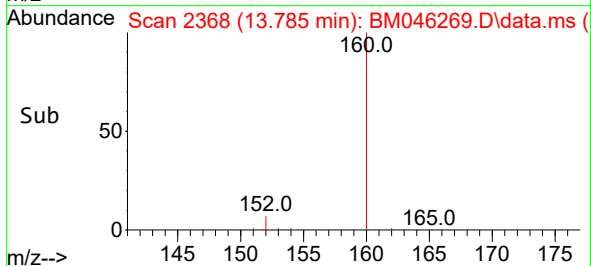
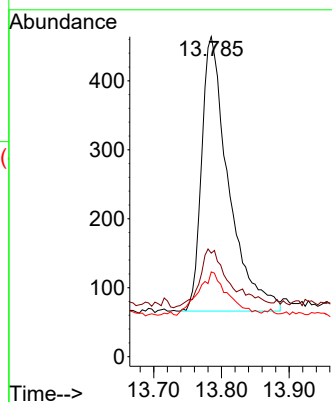
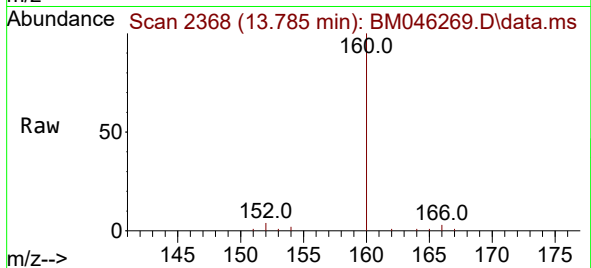
Tgt Ion:152 Resp: 1097

Ion Ratio Lower Upper

152 100

151 32.3 17.4 26.2#

153 26.5 11.8 17.8#



#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.127 min Scan# 2442

Delta R.T. -0.045 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

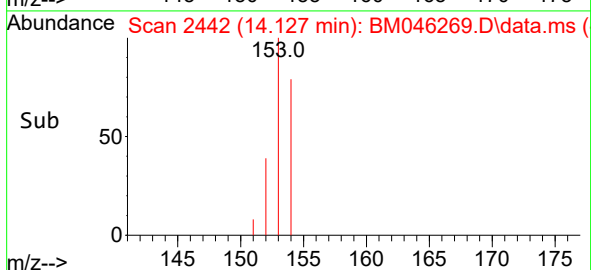
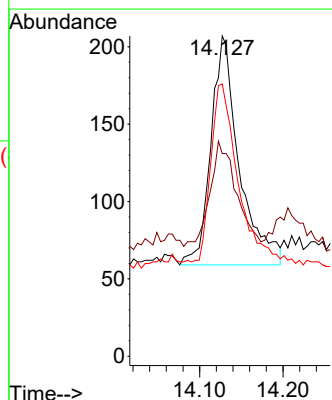
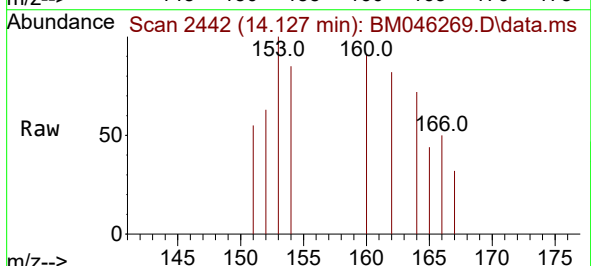
Tgt Ion:153 Resp: 349

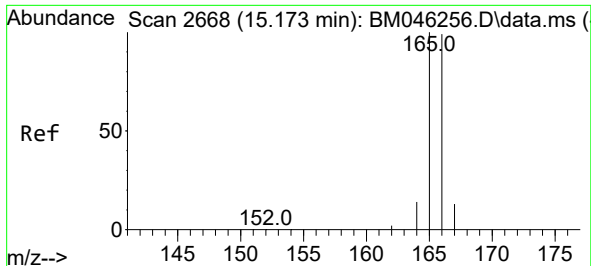
Ion Ratio Lower Upper

153 100

152 63.3 41.3 61.9#

154 85.0 68.2 102.4

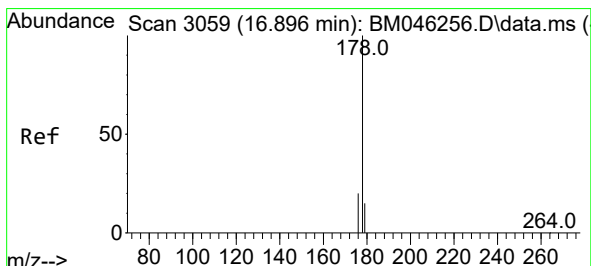
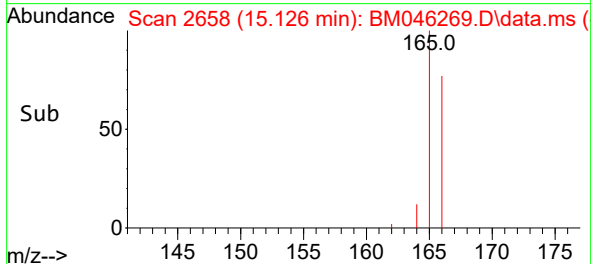
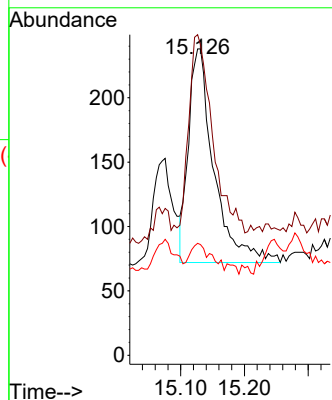
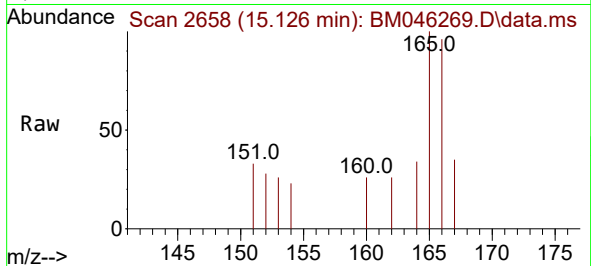




#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.126 min Scan# 2
Delta R.T. -0.054 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

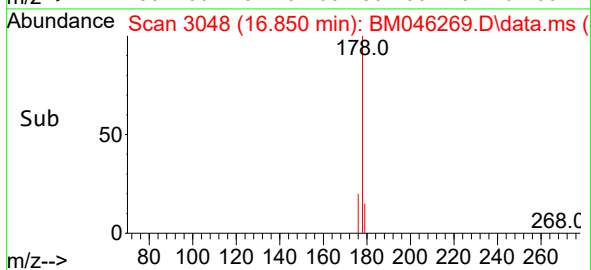
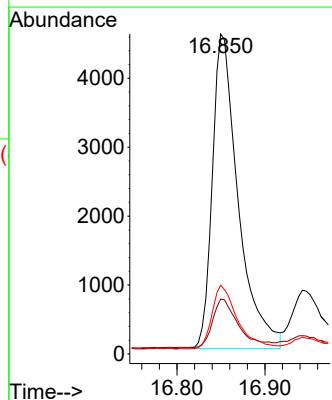
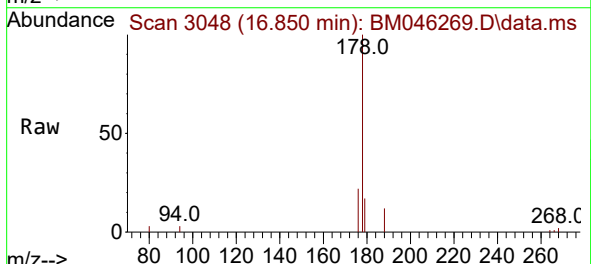
Instrument :
BNA_M
ClientSampleId :
A4CA5DL

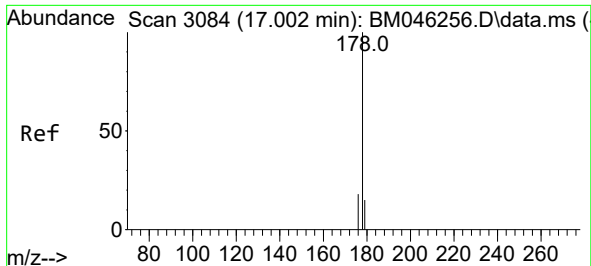
Tgt Ion:166 Resp: 461
Ion Ratio Lower Upper
166 100
165 104.6 80.4 120.6
167 36.6 12.4 18.6#



#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 16.850 min Scan# 3048
Delta R.T. -0.054 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

Tgt Ion:178 Resp: 9310
Ion Ratio Lower Upper
178 100
179 17.2 14.2 21.2
176 21.5 17.1 25.7

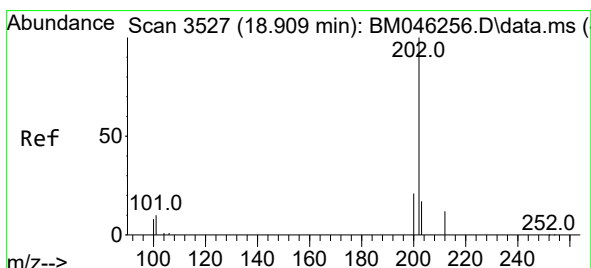
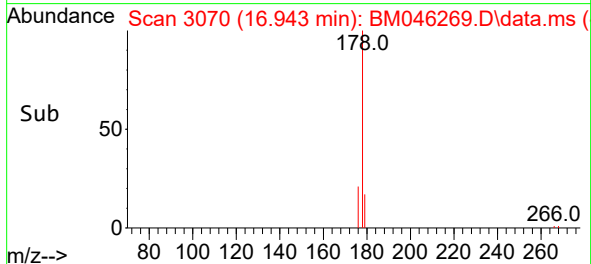
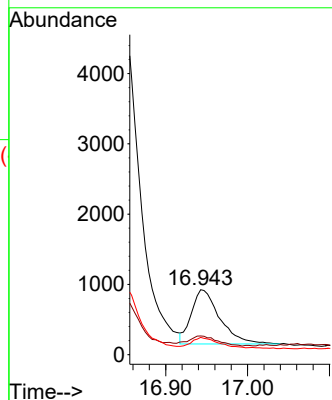
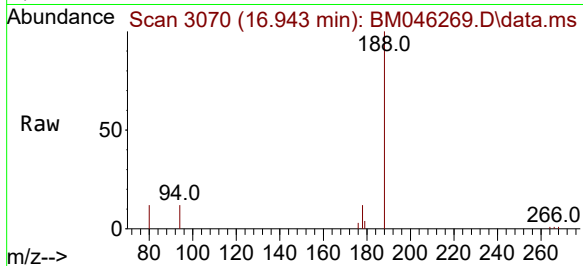




#16
 Anthracene
 Concen: 0.111 ng/ul
 RT: 16.943 min Scan# 3084
 Delta R.T. -0.062 min
 Lab File: BM046269.D
 Acq: 25 Jun 2024 00:48

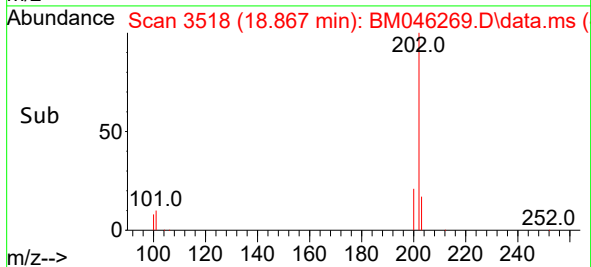
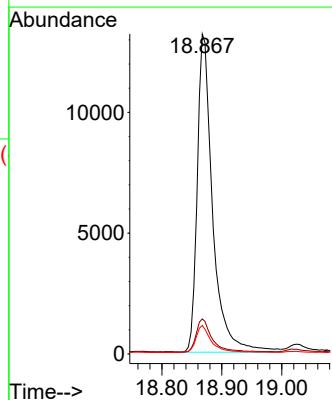
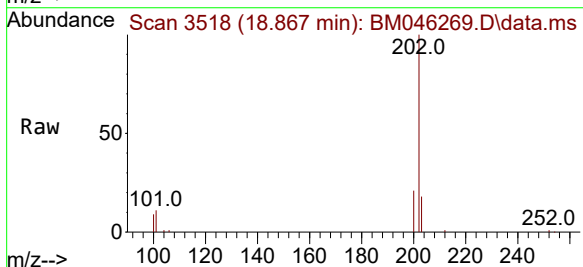
Instrument :
 BNA_M
 ClientSampleId :
 A4CA5DL

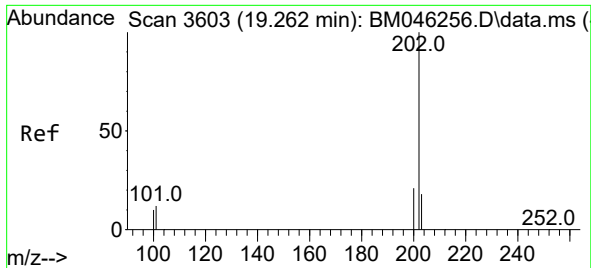
Tgt Ion:178 Resp: 1854
 Ion Ratio Lower Upper
 178 100
 179 28.7 14.9 22.3#
 176 26.5 17.0 25.4#



#19
 Fluoranthene
 Concen: 0.823 ng/ul
 RT: 18.867 min Scan# 3518
 Delta R.T. -0.050 min
 Lab File: BM046269.D
 Acq: 25 Jun 2024 00:48

Tgt Ion:202 Resp: 23565
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.6 14.4
 100 8.9 7.6 11.4

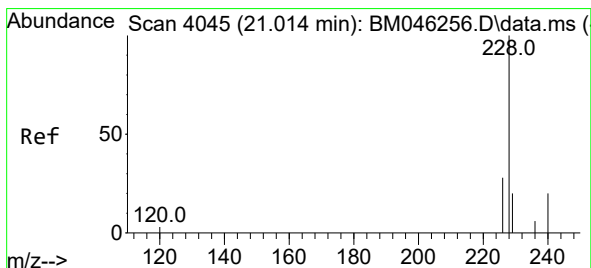
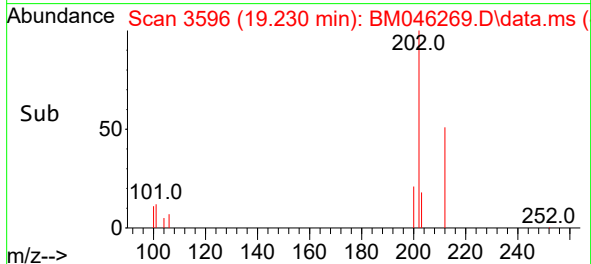
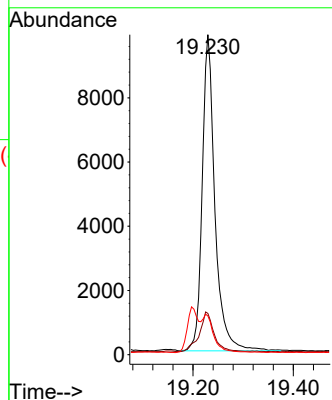
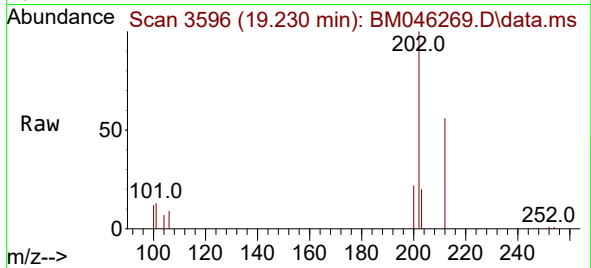




#20
Pyrene
Concen: 0.559 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

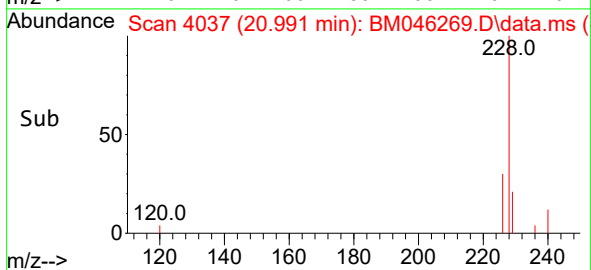
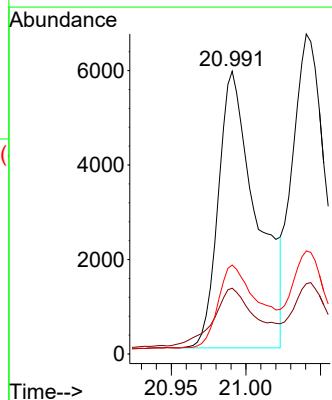
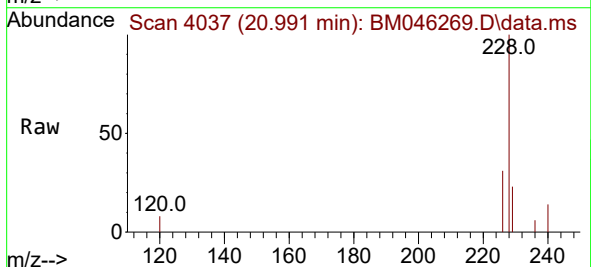
Instrument :
BNA_M
ClientSampleId :
A4CA5DL

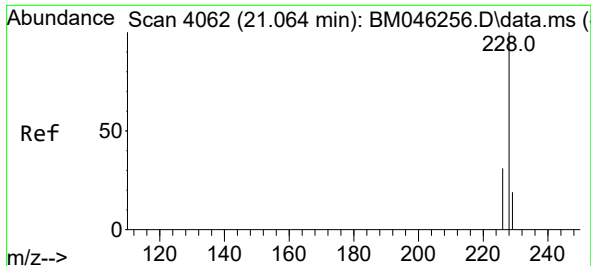
Tgt Ion:202 Resp: 17322
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 12.1 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.039 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

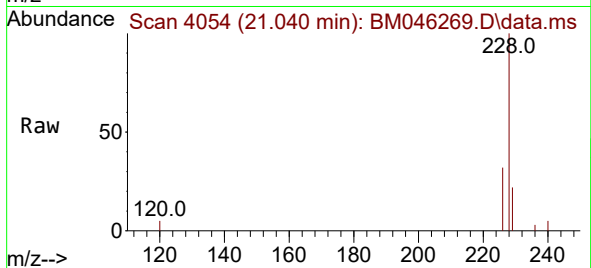
Tgt Ion:228 Resp: 10361
Ion Ratio Lower Upper
228 100
229 23.2 16.4 24.6
226 31.5 23.4 35.2



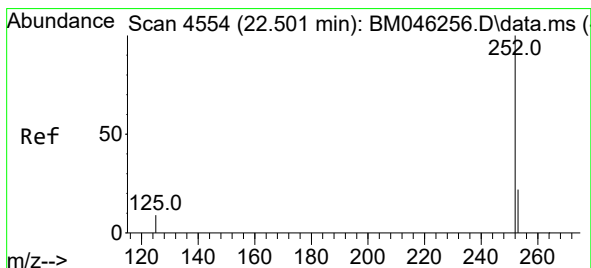
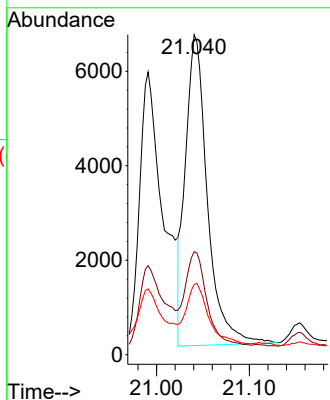
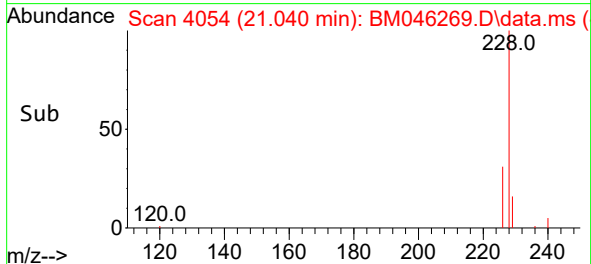


#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.040 min Scan# 4062
Delta R.T. -0.036 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

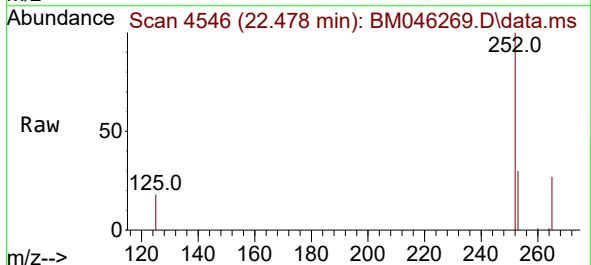
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



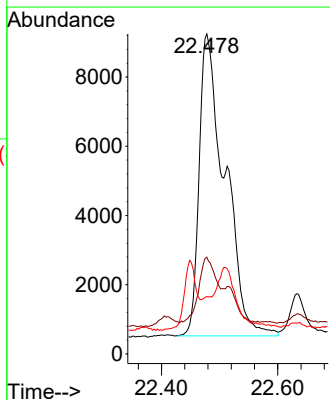
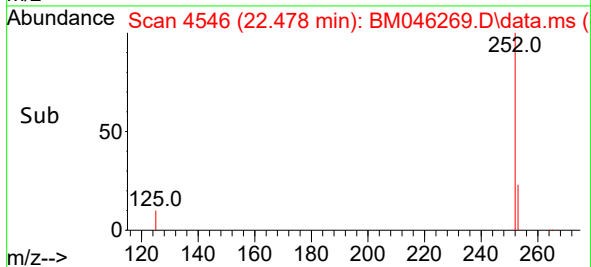
Tgt Ion:228 Resp: 10825
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 21.9 16.3 24.5

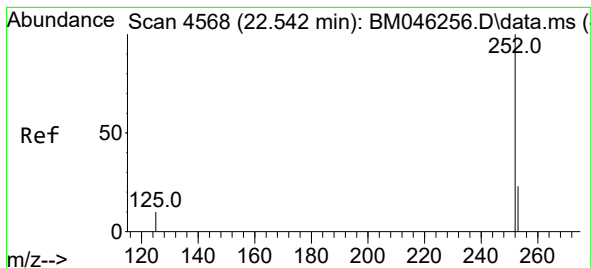


#24
Benzo(b)fluoranthene
Concen: 0.783 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48



Tgt Ion:252 Resp: 26804
Ion Ratio Lower Upper
252 100
253 30.2 0.0 65.8
125 18.0 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.659 ng/ul

RT: 22.478 min Scan# 4

Delta R.T. -0.085 min

Lab File: BM046269.D

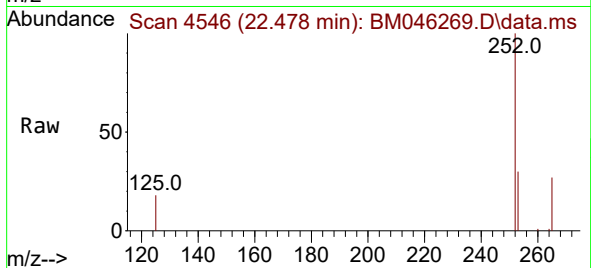
Acq: 25 Jun 2024 00:48

Instrument :

BNA_M

ClientSampleId :

A4CA5DL



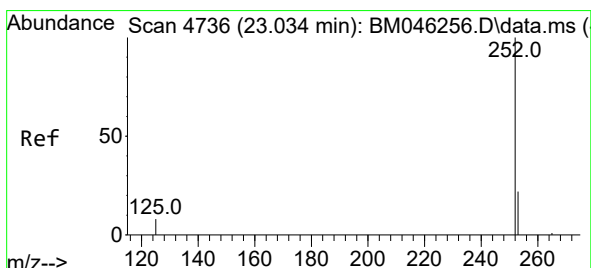
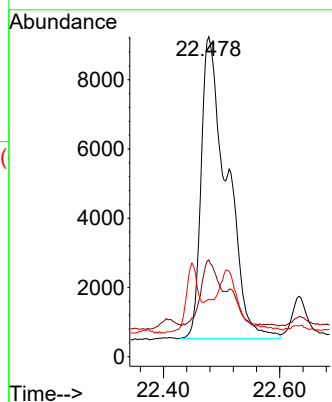
Tgt Ion:252 Resp: 26804

Ion Ratio Lower Upper

252 100

253 30.2 27.2 40.8

125 18.0 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.194 ng/ul

RT: 23.001 min Scan# 4725

Delta R.T. -0.053 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

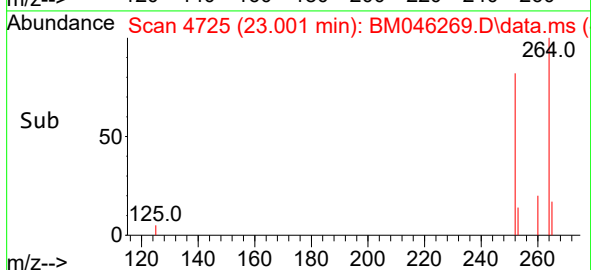
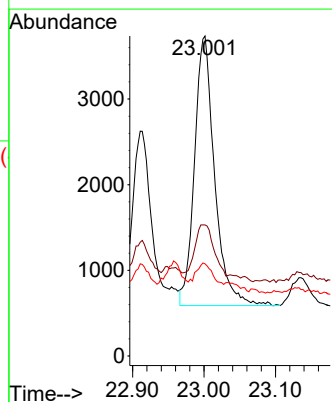
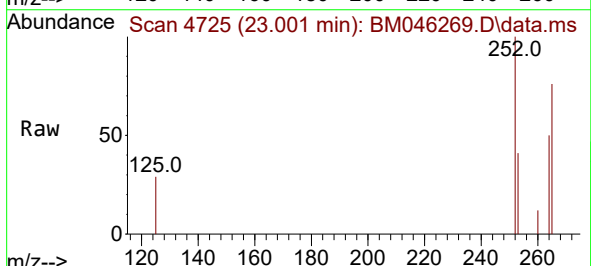
Tgt Ion:252 Resp: 6166

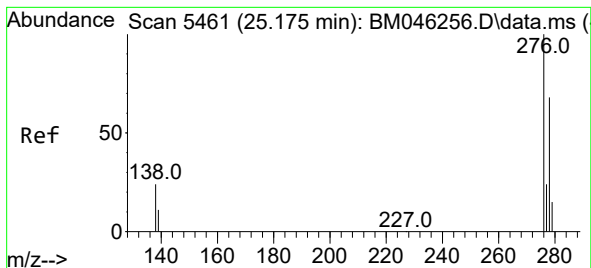
Ion Ratio Lower Upper

252 100

253 41.0 32.1 48.1

125 28.8 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.154 ng/ul

RT: 25.131 min Scan# 5448

Delta R.T. -0.071 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

Instrument :

BNA_M

ClientSampleId :

A4CA5DL

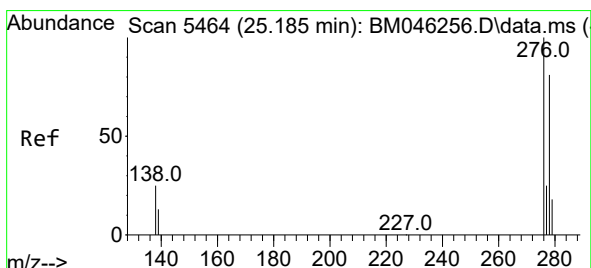
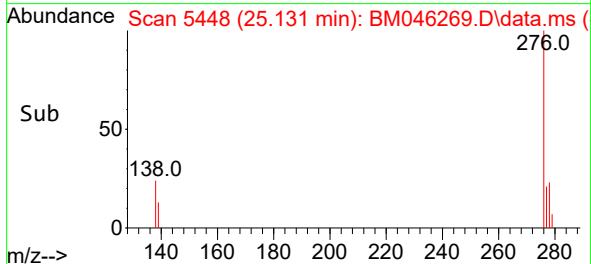
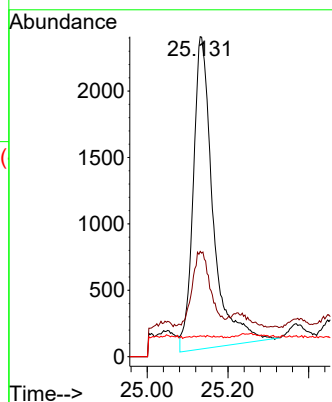
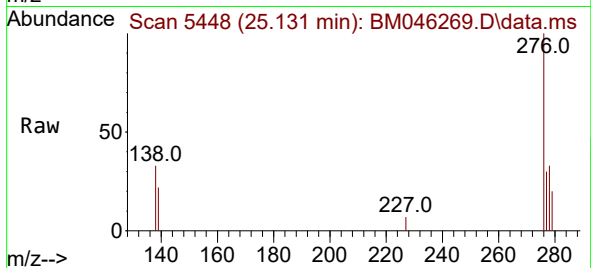
Tgt Ion:276 Resp: 8006

Ion Ratio Lower Upper

276 100

138 27.1 21.0 31.4

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 25.135 min Scan# 5449

Delta R.T. -0.081 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

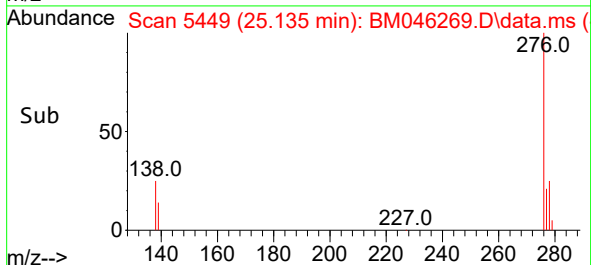
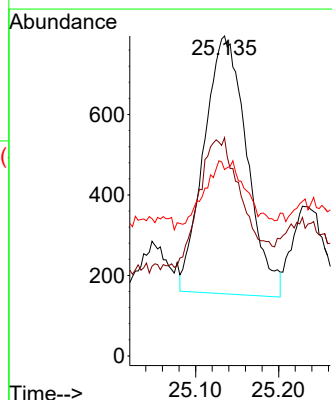
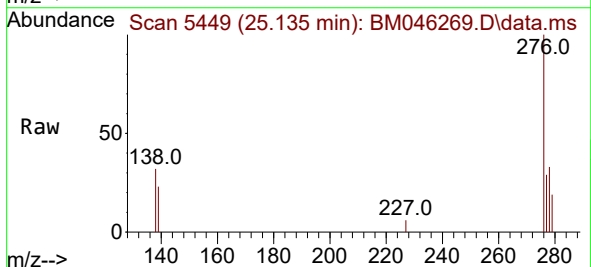
Tgt Ion:278 Resp: 2291

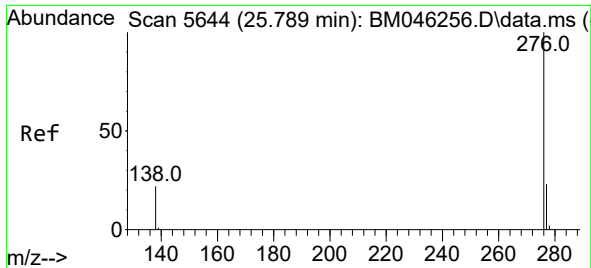
Ion Ratio Lower Upper

278 100

139 68.2 17.6 26.4#

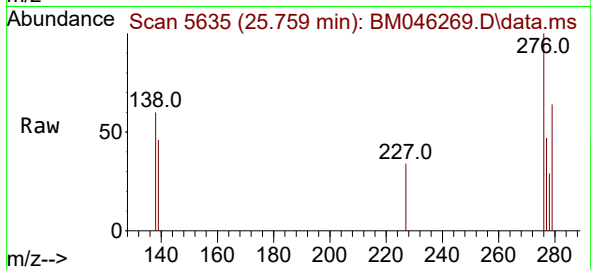
279 58.2 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.030 ng/ul
 RT: 25.759 min Scan# 50
 Delta R.T. -0.071 min
 Lab File: BM046269.D
 Acq: 25 Jun 2024 00:48

Instrument :
 BNA_M
 ClientSampleId :
 A4CA5DL



Tgt Ion:276 Resp: 1317
 Ion Ratio Lower Upper
 276 100
 138 60.0 21.7 32.5#
 277 47.3 20.4 30.6#

