

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046210.D
 Acq On : 22 Jun 2024 23:11
 Operator : MA/JU
 Sample : P2754-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP9DL

Quant Time: Jun 23 01:08:57 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

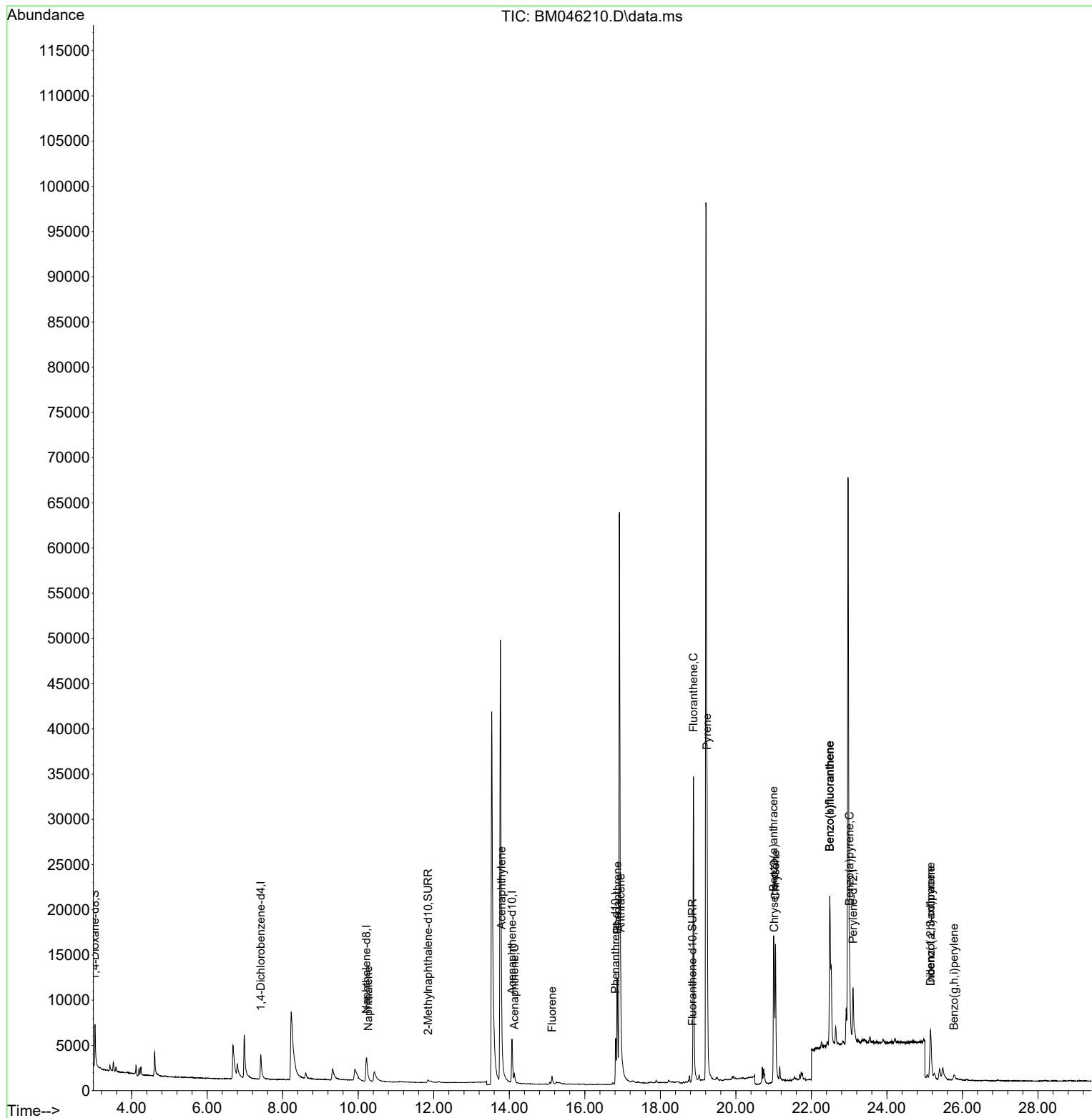
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2274	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	6559	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	3886	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7580	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6391	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	9373	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	3007	0.964	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	584	0.066	ng/ul	-0.02
18) Fluoranthene-d10	18.849	212	1429	0.075	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.265	128	549	0.030	ng/ul#	46
10) Acenaphthylene	13.794	152	1129	0.061	ng/ul#	75
11) Acenaphthene	14.136	153	740	0.056	ng/ul	96
12) Fluorene	15.131	166	845	0.059	ng/ul#	92
15) Phenanthrene	16.858	178	16157	0.759	ng/ul	97
16) Anthracene	16.951	178	3297	0.208	ng/ul#	92
19) Fluoranthene	18.877	202	36680	1.326	ng/ul	97
20) Pyrene	19.239	202	26664	0.891	ng/ul	97
21) Benzo(a)anthracene	21.000	228	15917	0.645	ng/ul	98
22) Chrysene	21.049	228	16604	0.527	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	36882	1.092	ng/ul	91
25) Benzo(k)fluoranthene	22.487	252	36882	0.919	ng/ul#	89
26) Benzo(a)pyrene	23.010	252	8782	0.281	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.155	276	9556	0.187	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278	2915	0.076	ng/ul#	72
29) Benzo(g,h,i)perylene	25.775	276	1341	0.031	ng/ul#	52

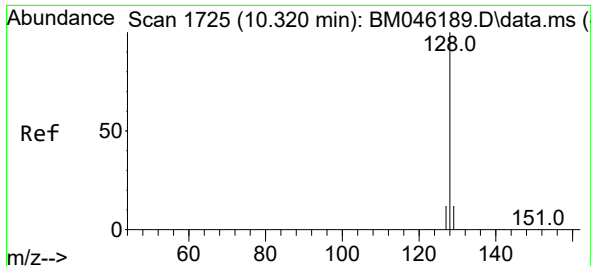
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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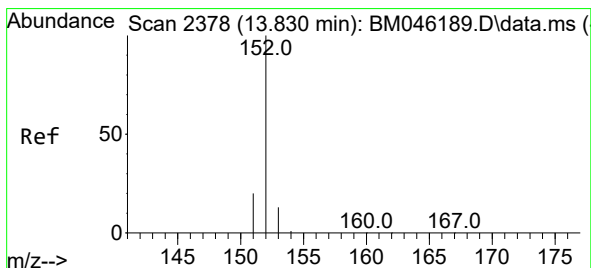
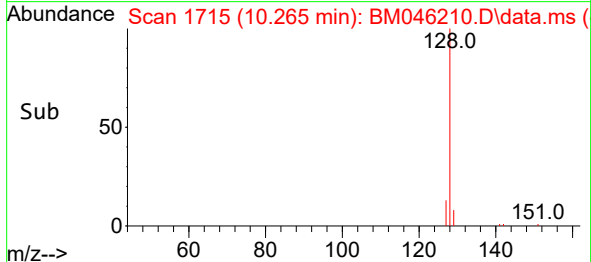
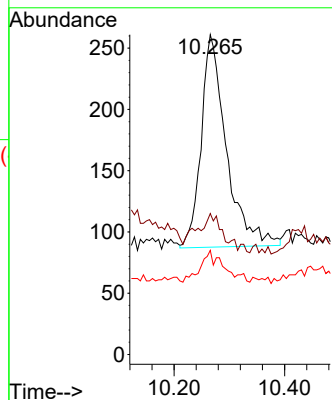
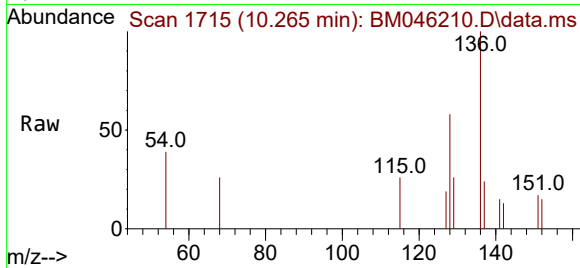




#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.265 min Scan# 11
Delta R.T. -0.037 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

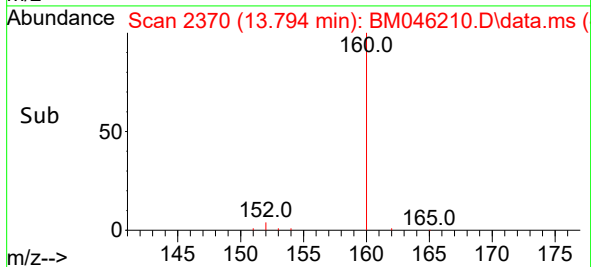
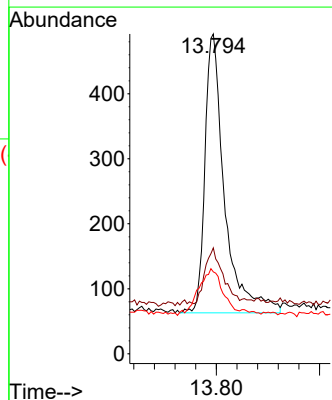
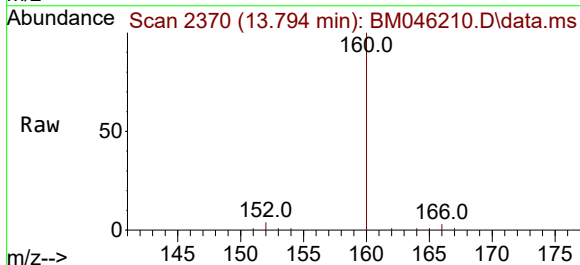
Instrument :
BNA_M
ClientSampleId :
A4BP9DL

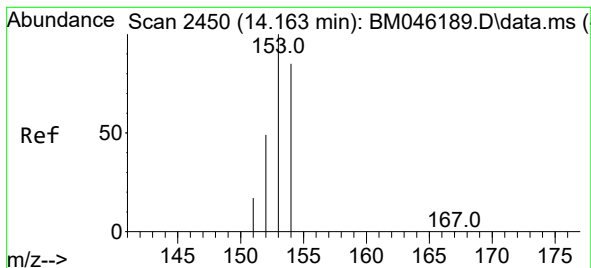
Tgt Ion:128 Resp: 549
Ion Ratio Lower Upper
128 100
129 44.1 11.8 17.6#
127 32.6 12.8 19.2#



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:152 Resp: 1129
Ion Ratio Lower Upper
152 100
151 33.1 17.4 26.2#
153 25.6 11.8 17.8#





#11

Acenaphthene

Concen: 0.056 ng/ul

RT: 14.136 min Scan# 2444

Delta R.T. -0.036 min

Lab File: BM046210.D

Acq: 22 Jun 2024 23:11

Instrument :

BNA_M

ClientSampleId :

A4BP9DL

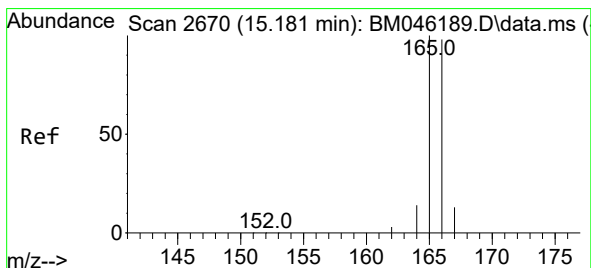
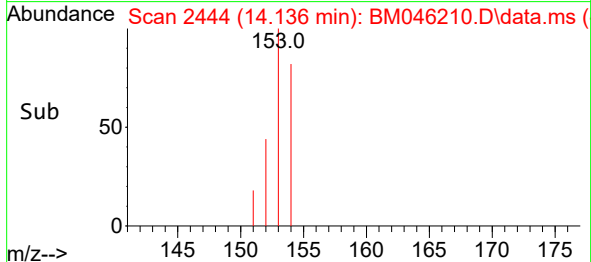
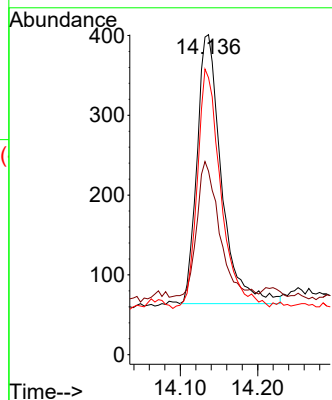
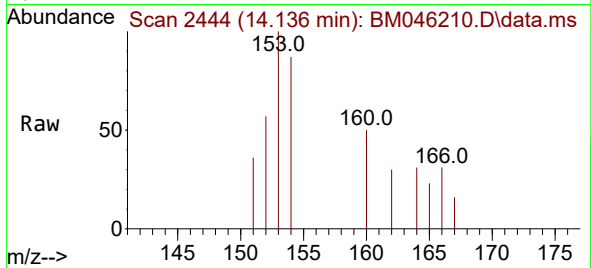
Tgt Ion:153 Resp: 740

Ion Ratio Lower Upper

153 100

152 57.4 41.3 61.9

154 86.5 68.2 102.4



#12

Fluorene

Concen: 0.059 ng/ul

RT: 15.131 min Scan# 2659

Delta R.T. -0.050 min

Lab File: BM046210.D

Acq: 22 Jun 2024 23:11

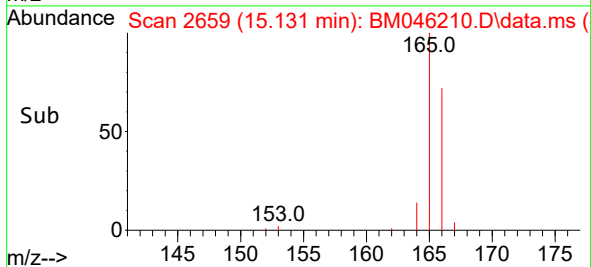
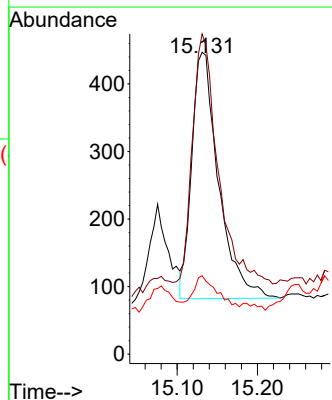
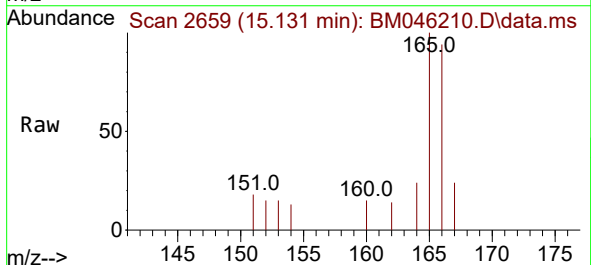
Tgt Ion:166 Resp: 845

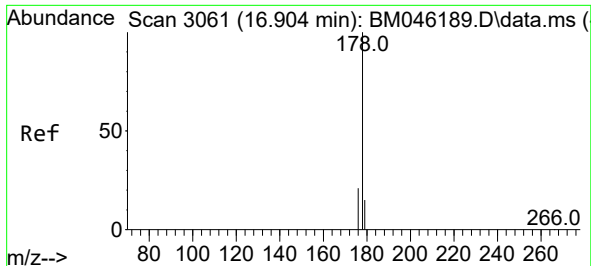
Ion Ratio Lower Upper

166 100

165 106.0 80.4 120.6

167 26.0 12.4 18.6#

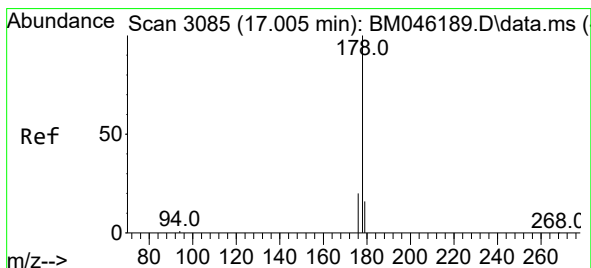
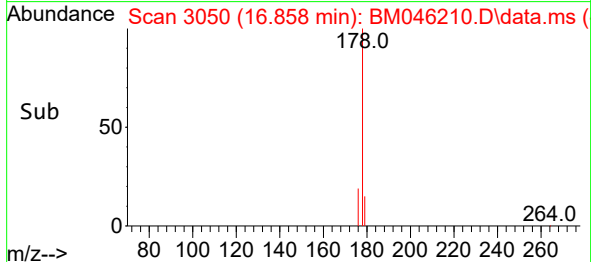
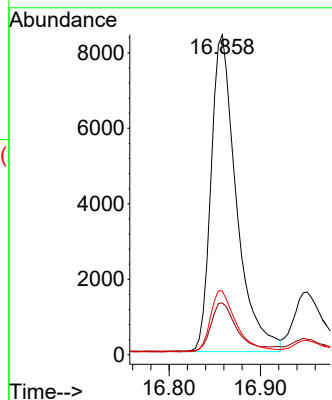
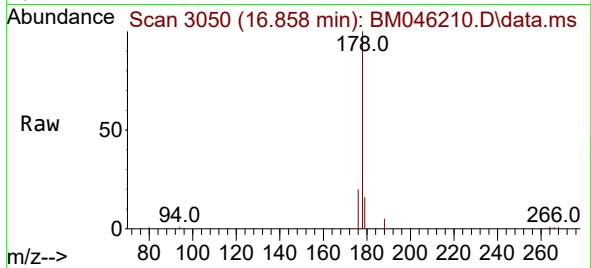




#15
Phenanthrene
Concen: 0.759 ng/u1
RT: 16.858 min Scan# 3061
Delta R.T. -0.045 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

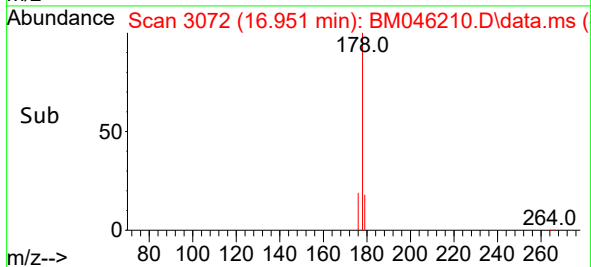
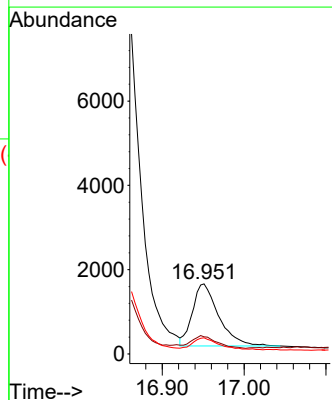
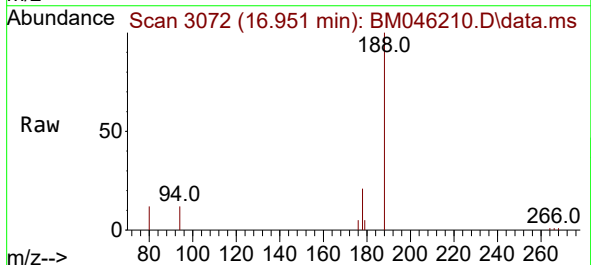
Instrument :
BNA_M
ClientSampleId :
A4BP9DL

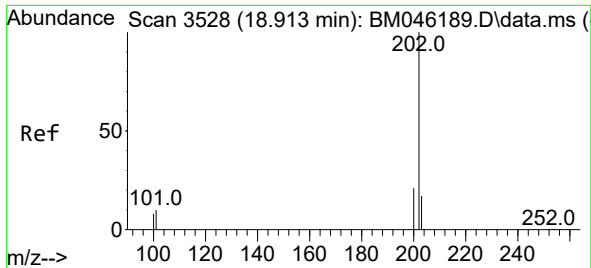
Tgt Ion:178 Resp: 16157
Ion Ratio Lower Upper
178 100
179 16.2 14.2 21.2
176 19.9 17.1 25.7



#16
Anthracene
Concen: 0.208 ng/u1
RT: 16.951 min Scan# 3072
Delta R.T. -0.054 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:178 Resp: 3297
Ion Ratio Lower Upper
178 100
179 24.4 14.9 22.3#
176 23.0 17.0 25.4

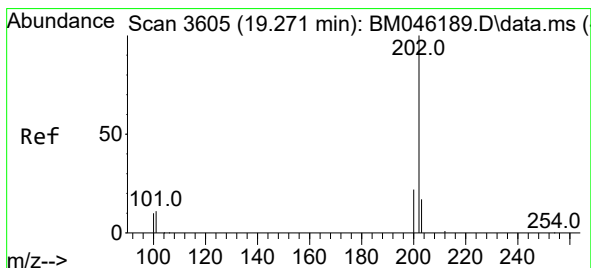
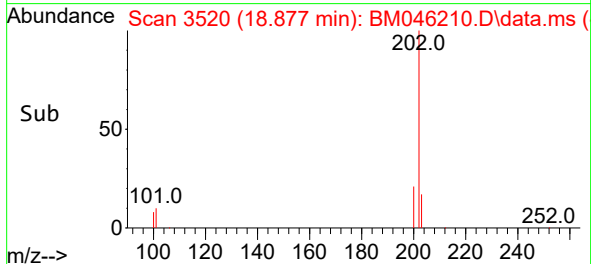
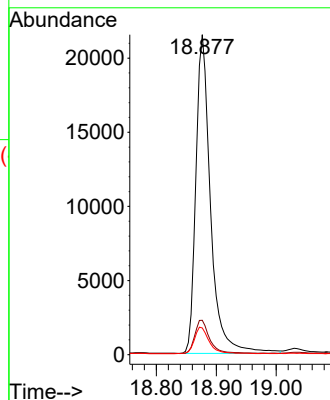
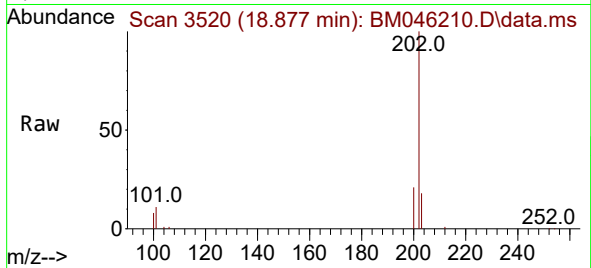




#19
Fluoranthene
Concen: 1.326 ng/ul
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

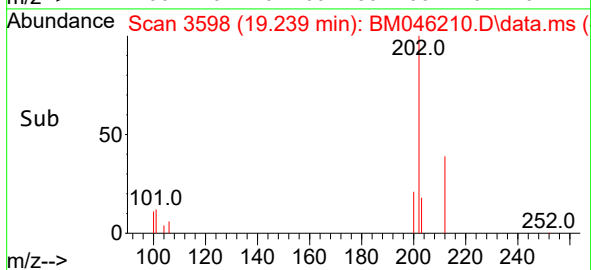
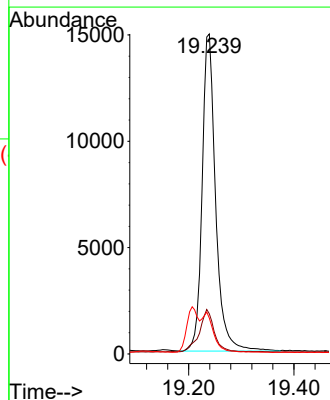
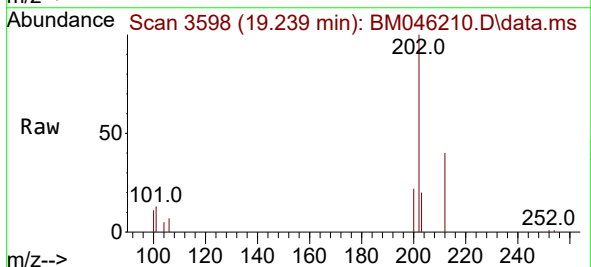
Instrument :
BNA_M
ClientSampleId :
A4BP9DL

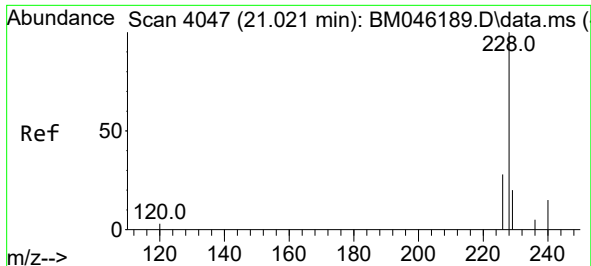
Tgt Ion:202 Resp: 36680
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.3 7.6 11.4



#20
Pyrene
Concen: 0.891 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:202 Resp: 26664
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 11.2 9.8 14.6

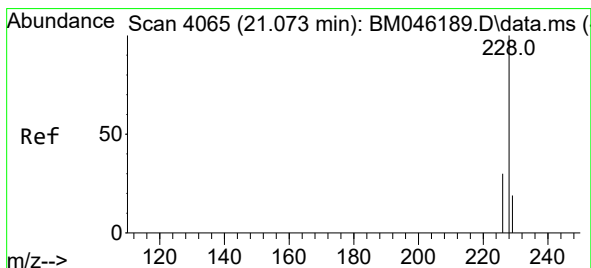
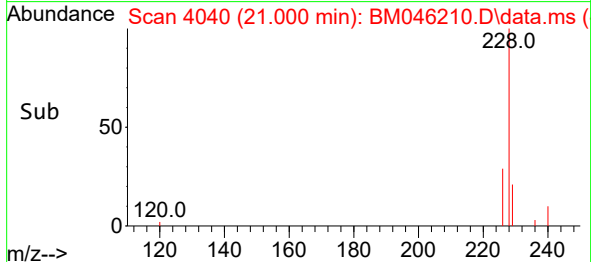
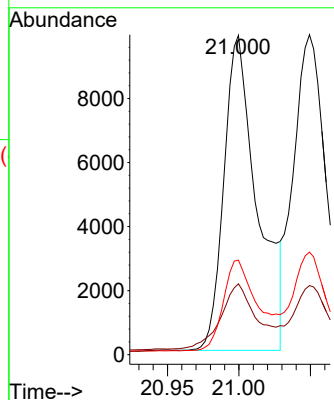
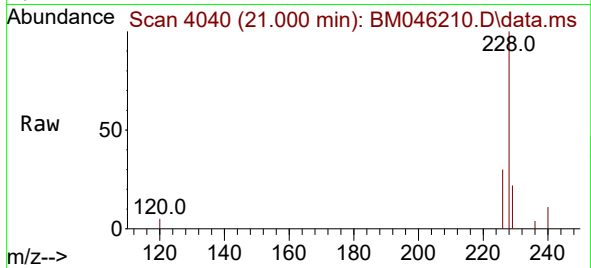




#21
Benzo(a)anthracene
Concen: 0.645 ng/ul
RT: 21.000 min Scan# 4047
Delta R.T. -0.030 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

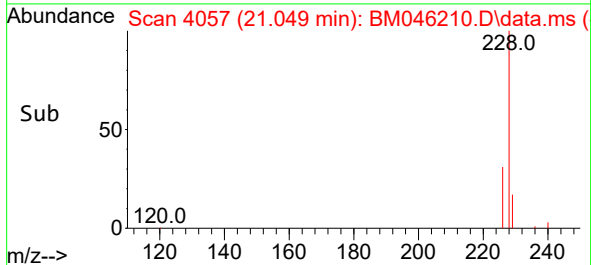
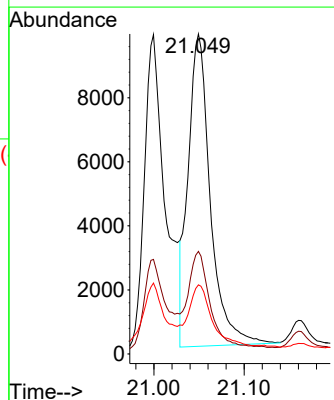
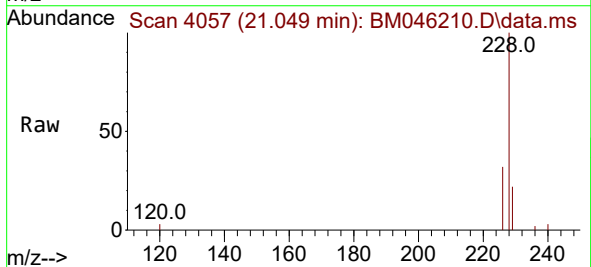
Instrument :
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ClientSampleId :
A4BP9DL

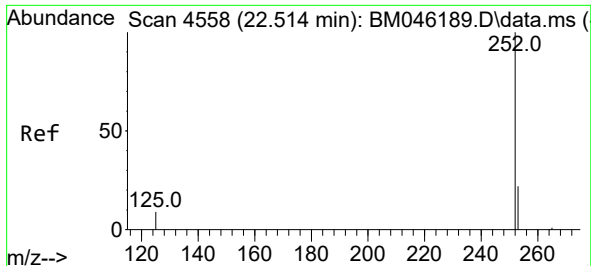
Tgt Ion:228 Resp: 15917
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 29.6 23.4 35.2



#22
Chrysene
Concen: 0.527 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.027 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:228 Resp: 16604
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.6 16.3 24.5

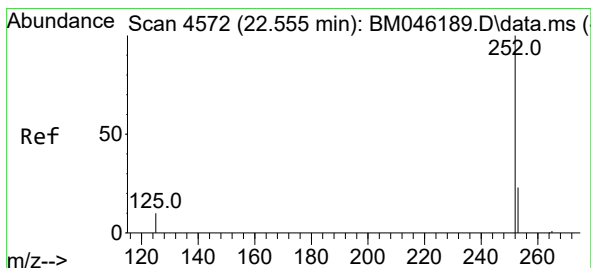
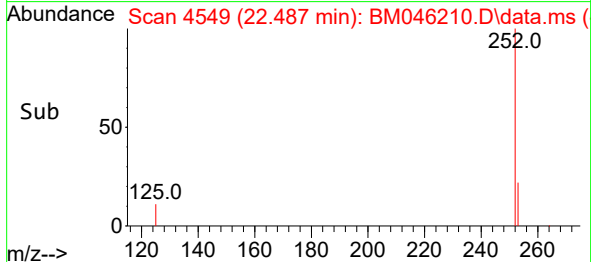
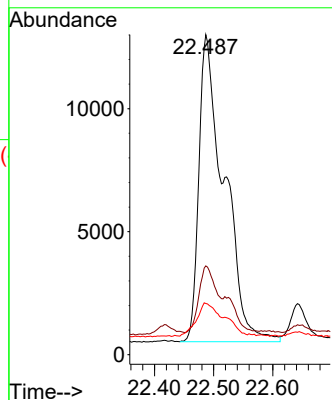
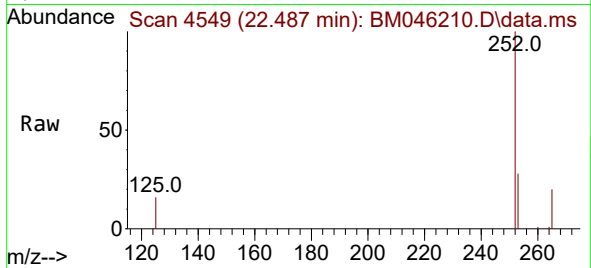




#24
Benzo(b)fluoranthene
Concen: 1.092 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

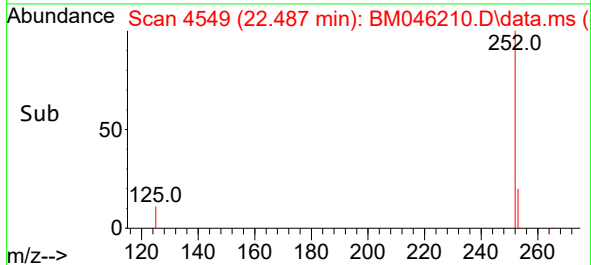
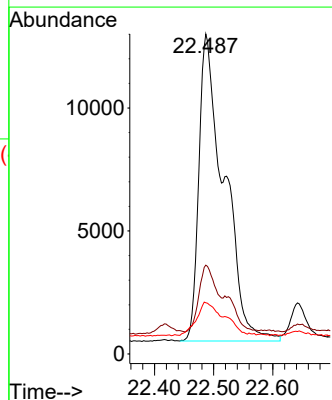
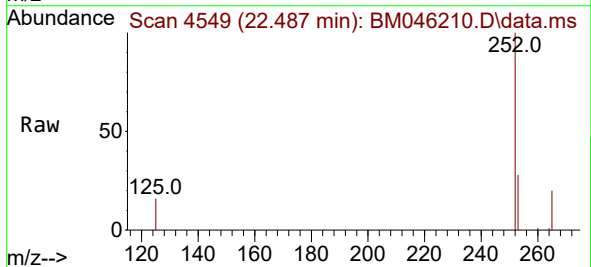
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A4BP9DL

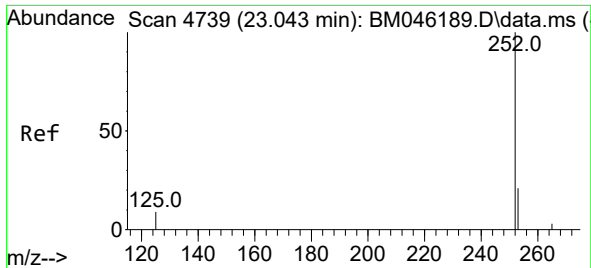
Tgt Ion:252 Resp: 36882
Ion Ratio Lower Upper
252 100
253 27.8 0.0 65.8
125 16.0 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.919 ng/ul
RT: 22.487 min Scan# 4549
Delta R.T. -0.077 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:252 Resp: 36882
Ion Ratio Lower Upper
252 100
253 27.8 27.2 40.8
125 16.0 16.6 25.0#

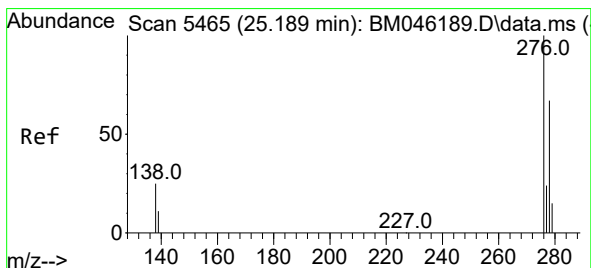
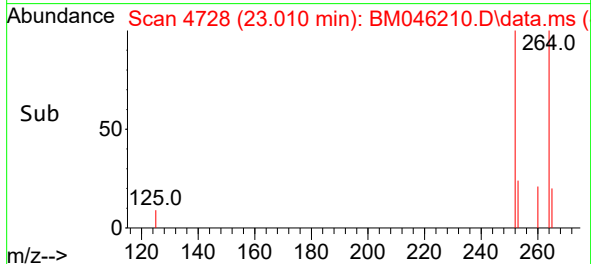
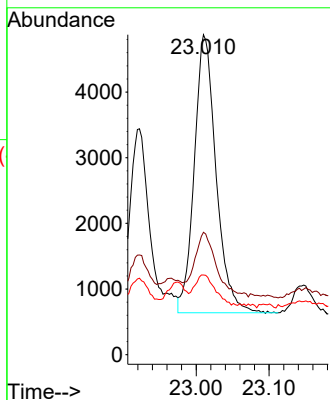
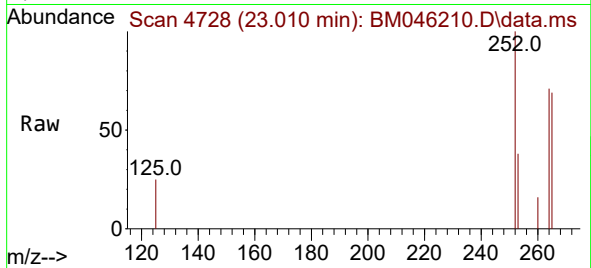




#26
Benzo(a)pyrene
Concen: 0.281 ng/ul
RT: 23.010 min Scan# 4728
Delta R.T. -0.044 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

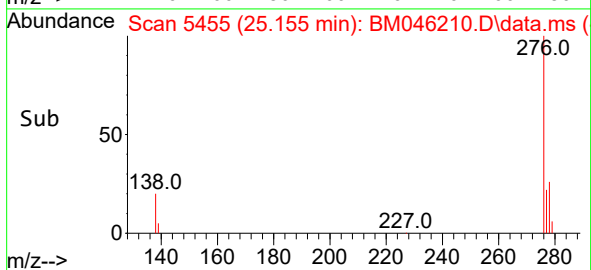
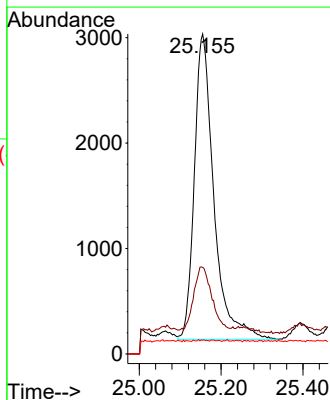
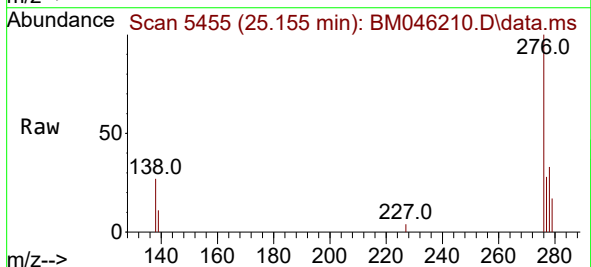
Instrument :
BNA_M
ClientSampleId :
A4BP9DL

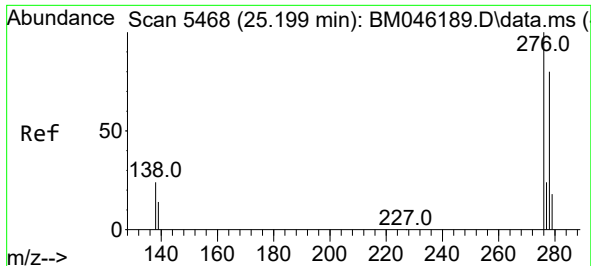
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Ion Ratio Lower Upper
252 100
253 38.3 32.1 48.1
125 24.9 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:276 Resp: 9556
Ion Ratio Lower Upper
276 100
138 20.8 21.0 31.4#
227 0.0 0.0 0.0#

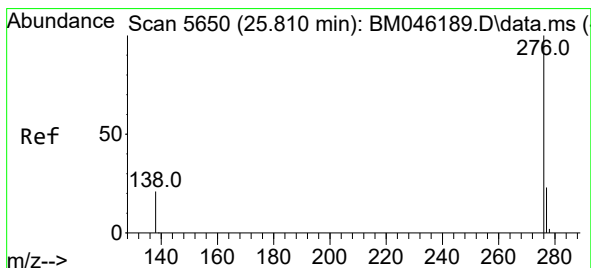
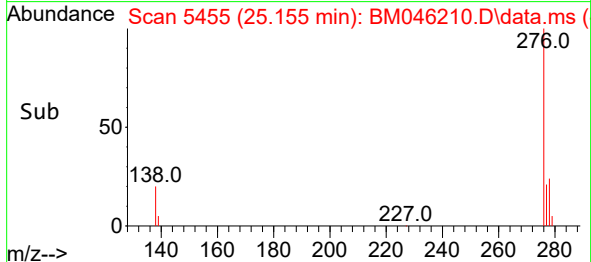
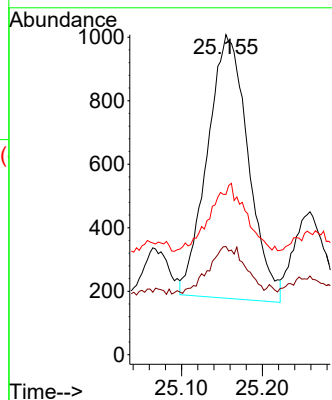
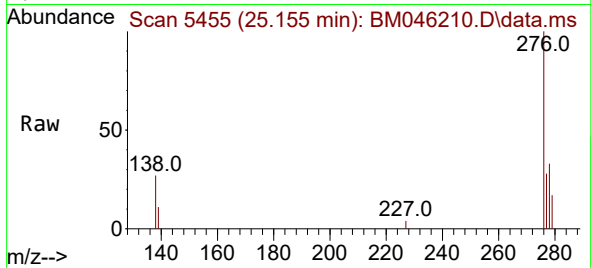




#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.155 min Scan# 5468
Delta R.T. -0.061 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Instrument :
BNA_M
ClientSampleId :
A4BP9DL

Tgt Ion:278 Resp: 2915
Ion Ratio Lower Upper
278 100
139 33.8 17.6 26.4#
279 50.1 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 25.775 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046210.D
Acq: 22 Jun 2024 23:11

Tgt Ion:276 Resp: 1341
Ion Ratio Lower Upper
276 100
138 55.4 21.7 32.5#
277 46.2 20.4 30.6#

