

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046550.D
 Acq On : 12 Jul 2024 18:14
 Operator : MA/JU
 Sample : P3088-01DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP1DL

Quant Time: Jul 12 19:00:30 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 05:09:19 2024
 Response via : Initial Calibration

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

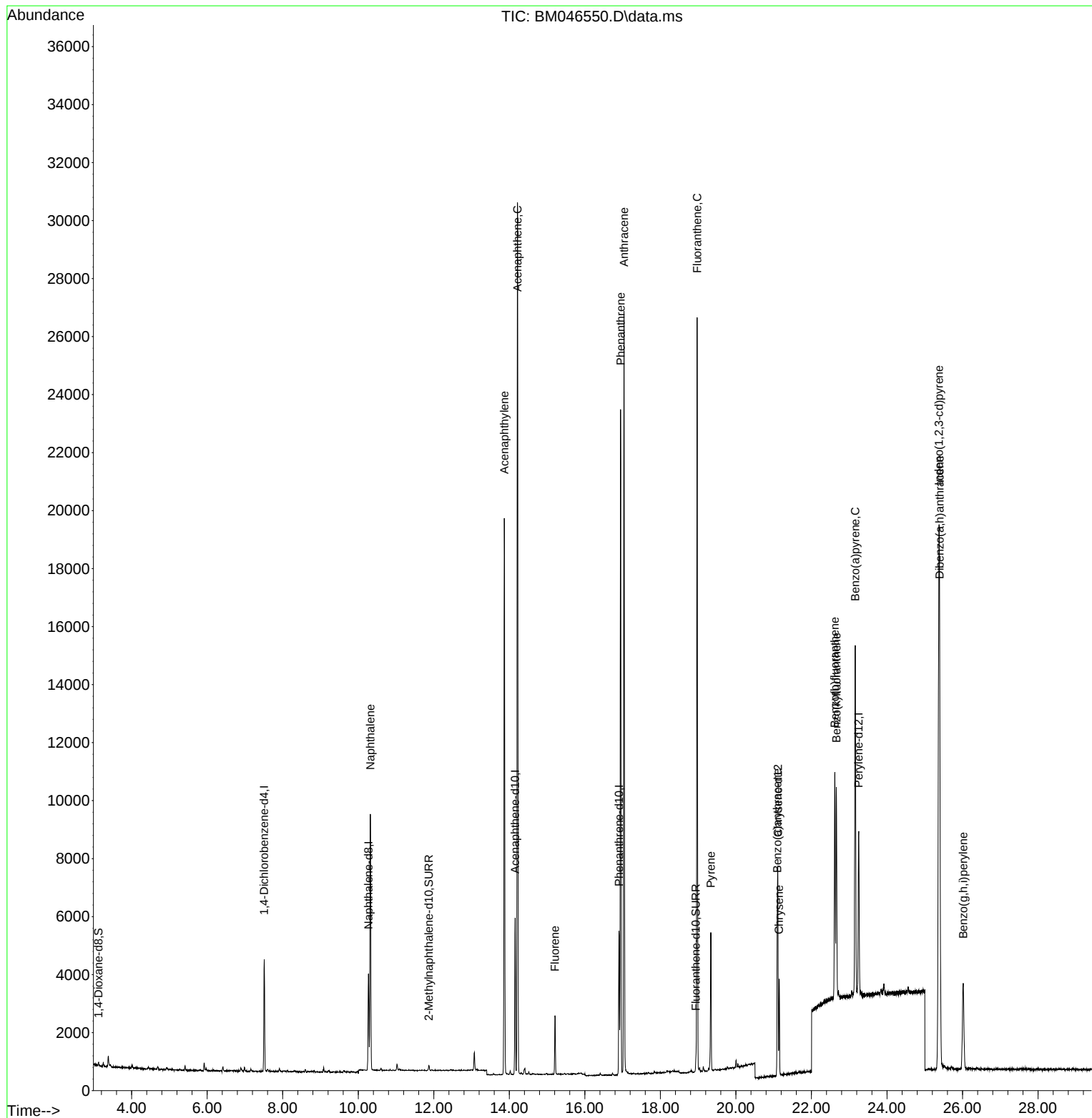
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1857	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	4511	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	2888	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	6272	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	5341	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	6693	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	94	0.062	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	230	0.032	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	560	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.319	128	11594	1.010	ng/ul	96
10) Acenaphthylene	13.867	152	20355	1.548	ng/ul	97
11) Acenaphthene	14.214	153	16992	1.929	ng/ul	98
12) Fluorene	15.209	166	1293	0.119	ng/ul	95
15) Phenanthrene	16.946	178	22424	1.253	ng/ul	99
16) Anthracene	17.034	178	26996	1.546	ng/ul	98
19) Fluoranthene	18.973	202	23465	1.070	ng/ul#	97
20) Pyrene	19.336	202	4338	0.183	ng/ul	99
21) Benzo(a)anthracene	21.094	228	4027	0.170	ng/ul	99
22) Chrysene	21.143	228	2743	0.120	ng/ul	99
24) Benzo(b)fluoranthene	22.619	252	9869	0.369	ng/ul	97
25) Benzo(k)fluoranthene	22.660	252	8983	0.342	ng/ul	100
26) Benzo(a)pyrene	23.160	252	17362	0.789	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.377	276	28541	0.852	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.394	278	14797	0.558	ng/ul	97
29) Benzo(g,h,i)perylene	26.017	276	6054	0.227	ng/ul	96

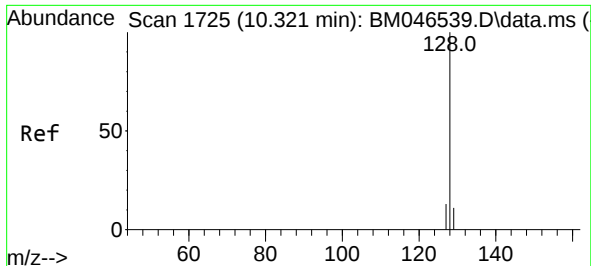
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046550.D
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Operator : MA/JU
Sample : P3088-01DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP1DL

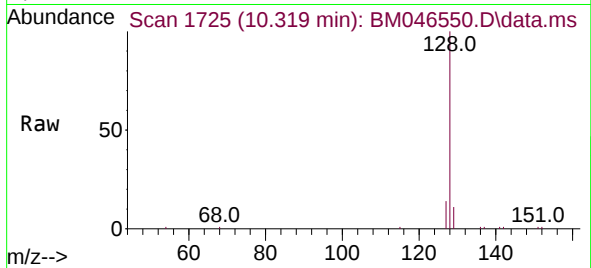
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration



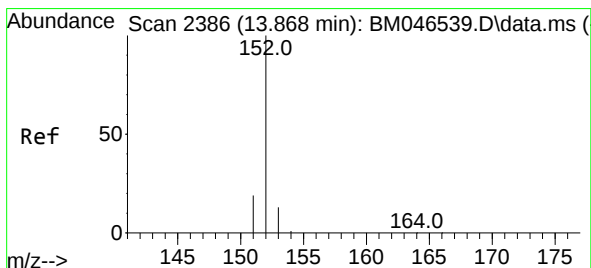
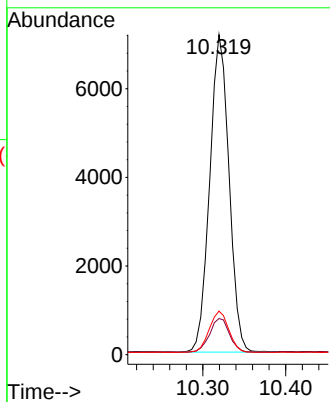
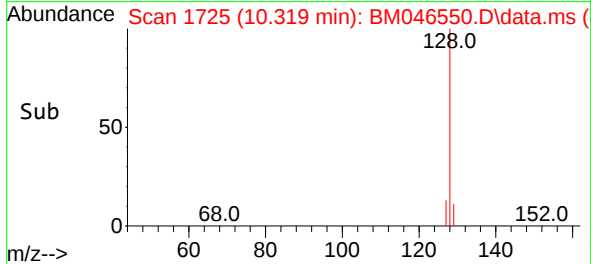


#5
Naphthalene
Concen: 1.010 ng/ul
RT: 10.319 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4DP1DL

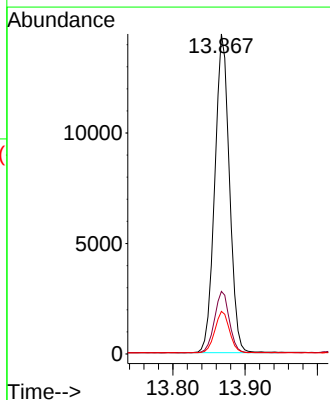
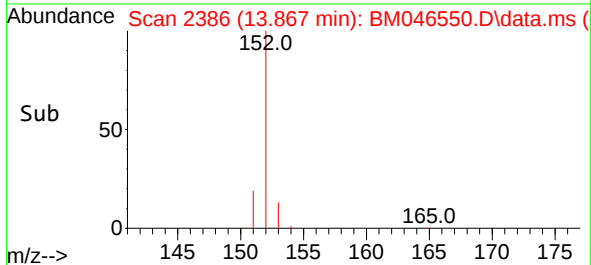
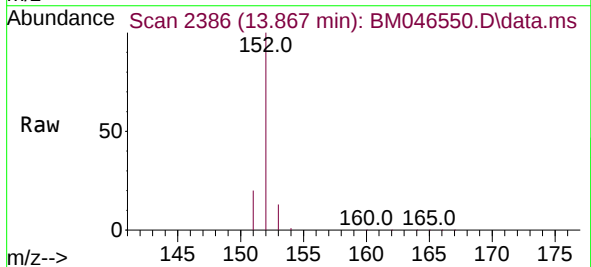


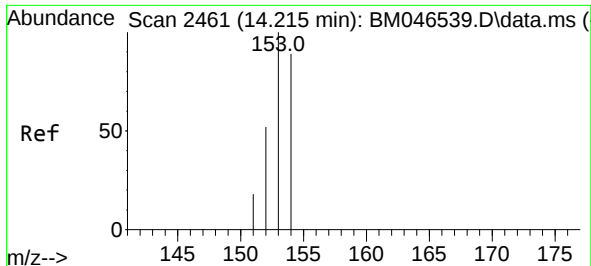
Tgt Ion:	128	Resp:	11594
Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.3	15.5
127	13.6	12.2	18.4



#10
Acenaphthylene
Concen: 1.548 ng/ul
RT: 13.867 min Scan# 2386
Delta R.T. -0.004 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion:	152	Resp:	20355
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	13.3	12.4	18.6

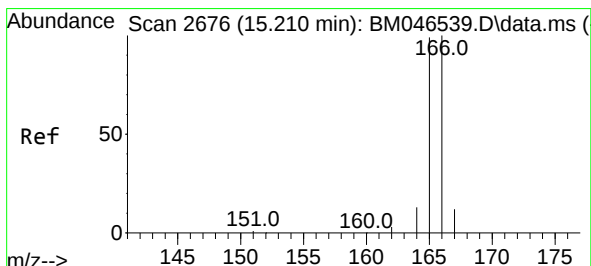
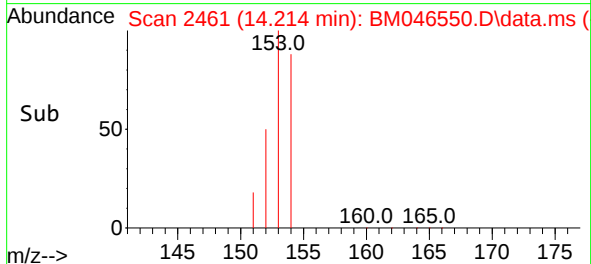
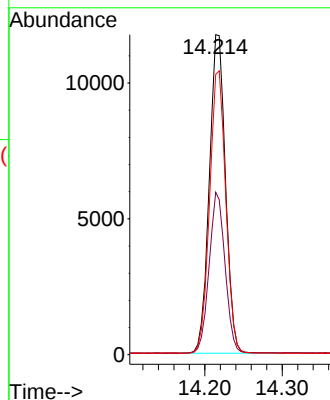
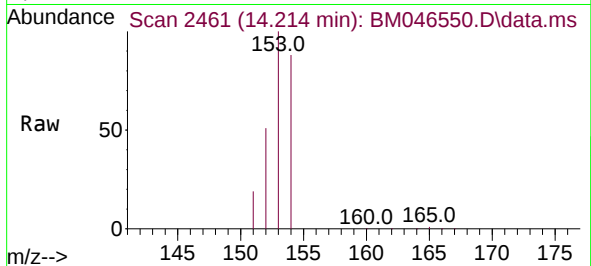




#11
Acenaphthene
Concen: 1.929 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

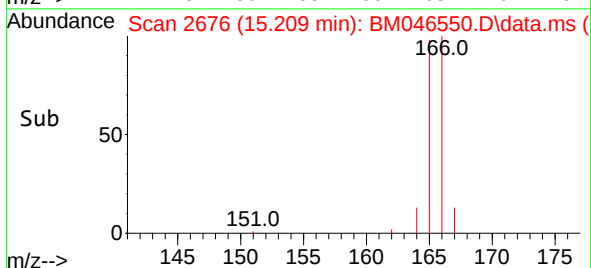
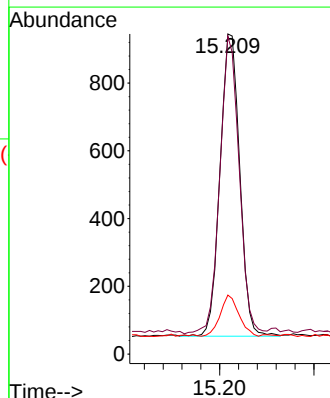
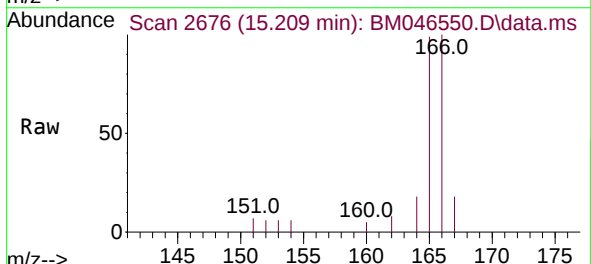
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

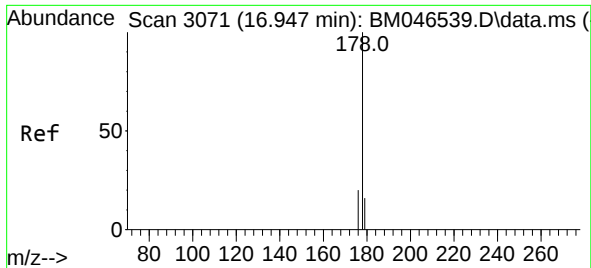
Tgt Ion:153 Resp: 16992
Ion Ratio Lower Upper
153 100
152 50.8 43.0 64.6
154 87.6 69.9 104.9



#12
Fluorene
Concen: 0.119 ng/ul
RT: 15.209 min Scan# 2676
Delta R.T. -0.004 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion:166 Resp: 1293
Ion Ratio Lower Upper
166 100
165 99.3 76.1 114.1
167 18.4 12.5 18.7

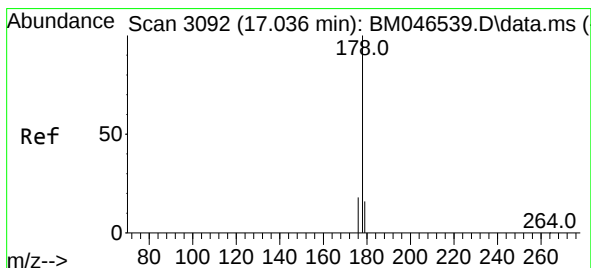
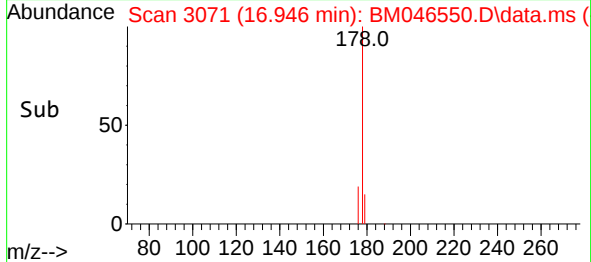
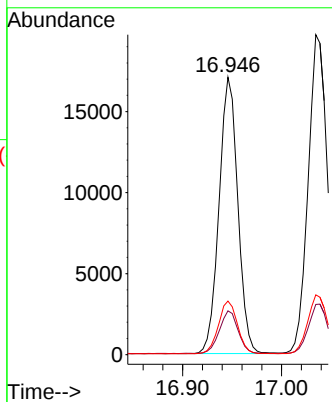
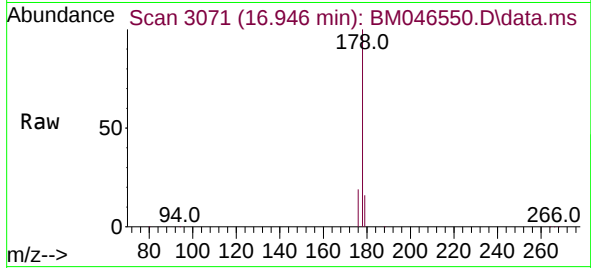




#15
Phenanthrene
Concen: 1.253 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

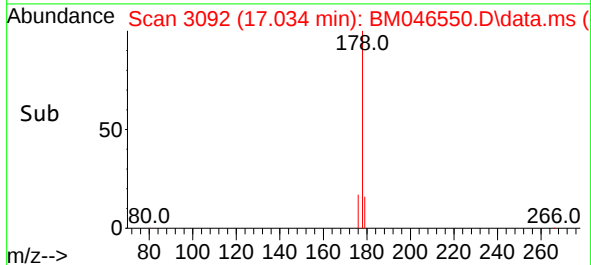
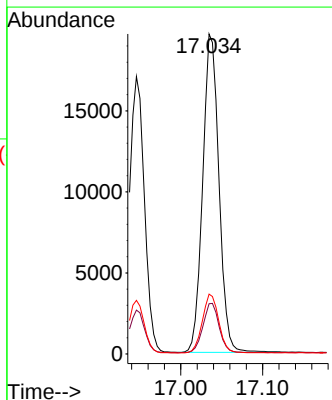
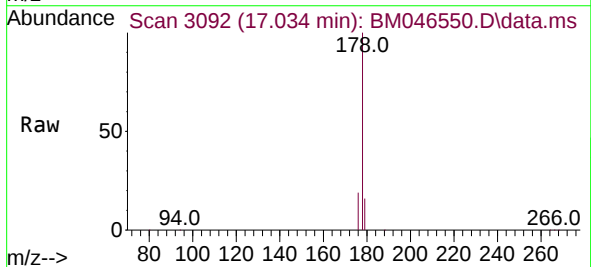
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

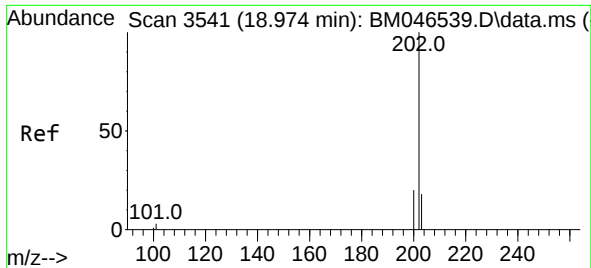
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.3	16.0	24.0



#16
Anthracene
Concen: 1.546 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.5	20.3
176	18.7	15.7	23.5

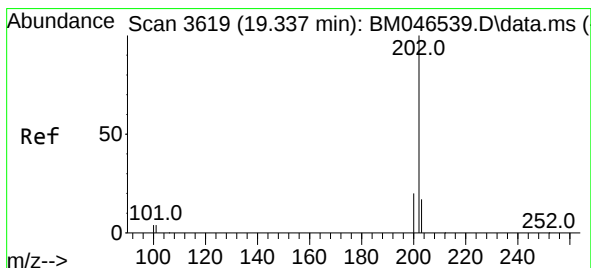
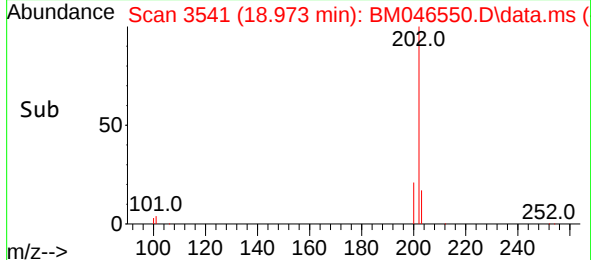
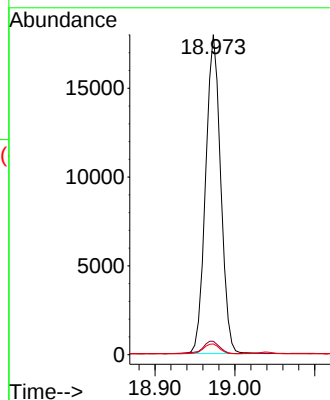
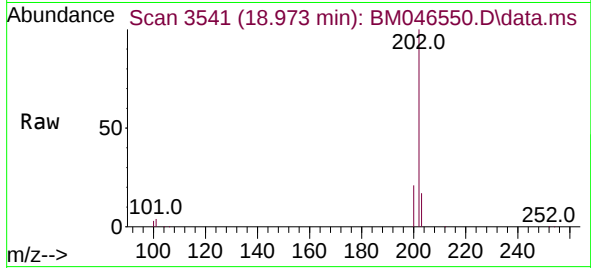




#19
Fluoranthene
Concen: 1.070 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

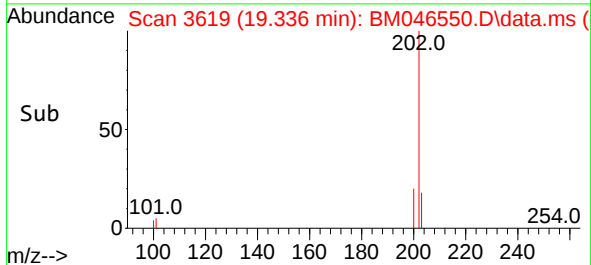
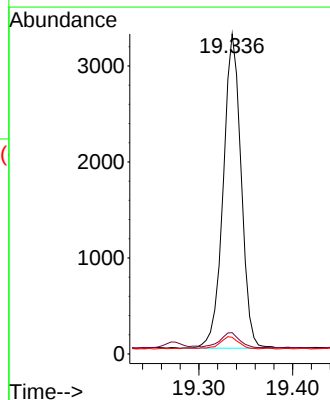
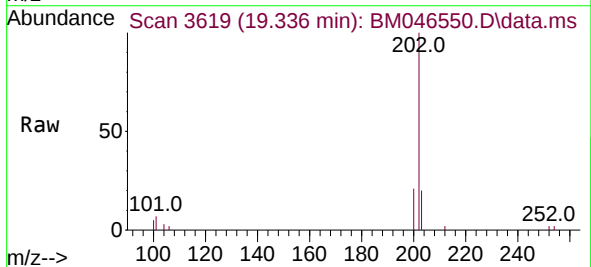
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

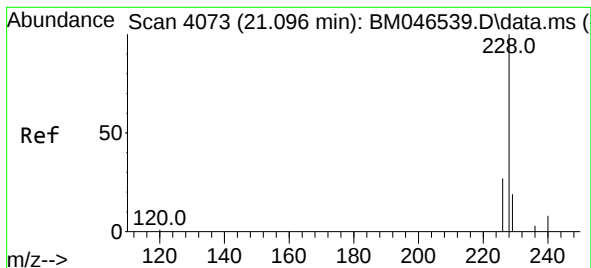
Tgt Ion:	202	Resp:	23465
Ion Ratio	Lower	Upper	
202	100		
101	4.2	4.6	6.8#
100	3.4	3.0	4.6



#20
Pyrene
Concen: 0.183 ng/ul
RT: 19.336 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion:	202	Resp:	4338
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.1	7.7
100	5.2	3.8	5.6





#21

Benzo(a)anthracene

Concen: 0.170 ng/ul

RT: 21.094 min Scan# 4073

Delta R.T. -0.003 min

Lab File: BM046550.D

Acq: 12 Jul 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4DP1DL

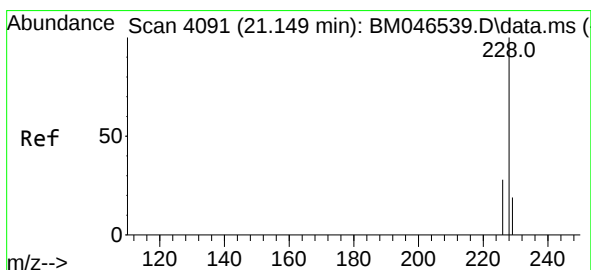
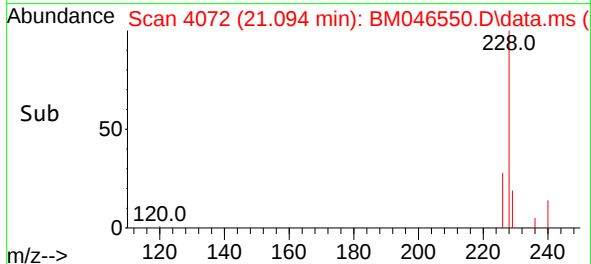
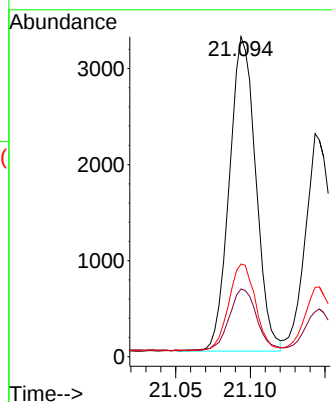
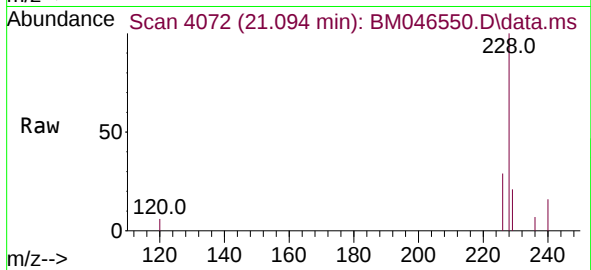
Tgt Ion:228 Resp: 4027

Ion Ratio Lower Upper

228 100

229 21.2 16.5 24.7

226 28.9 22.5 33.7



#22

Chrysene

Concen: 0.120 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM046550.D

Acq: 12 Jul 2024 18:14

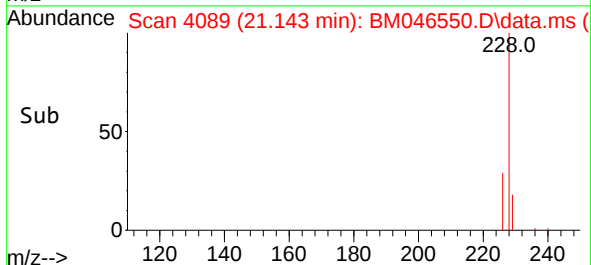
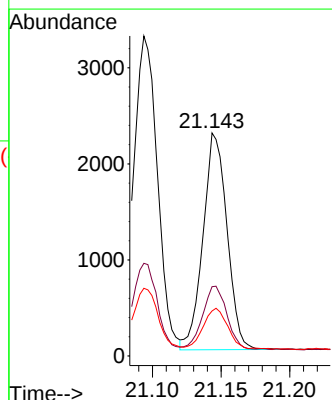
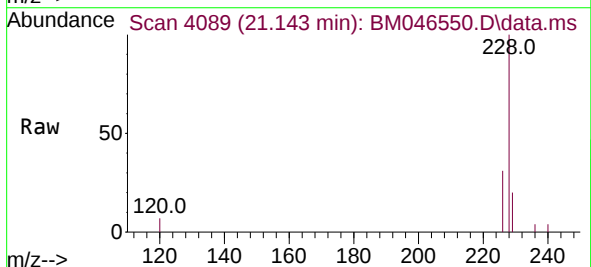
Tgt Ion:228 Resp: 2743

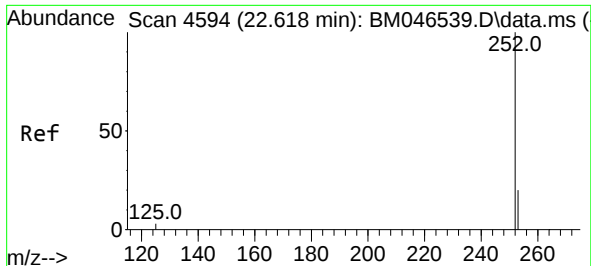
Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 20.1 16.4 24.6

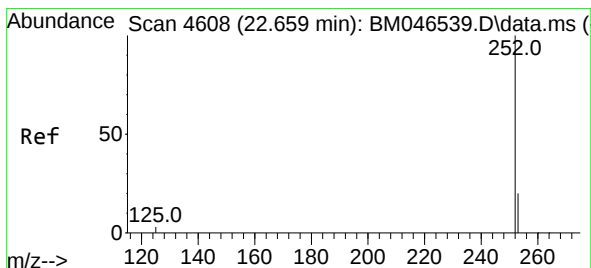
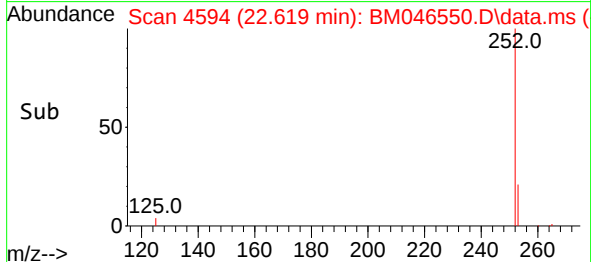
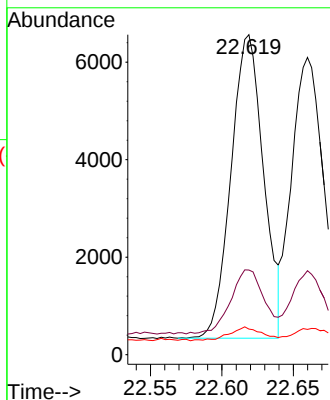
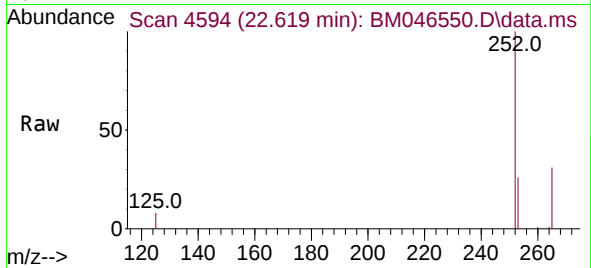




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

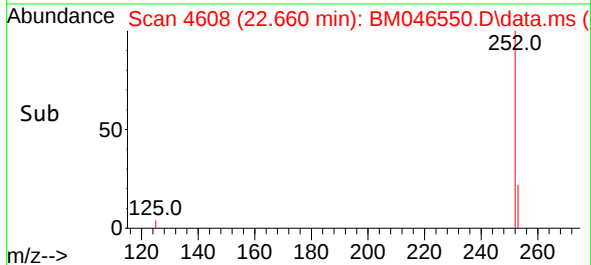
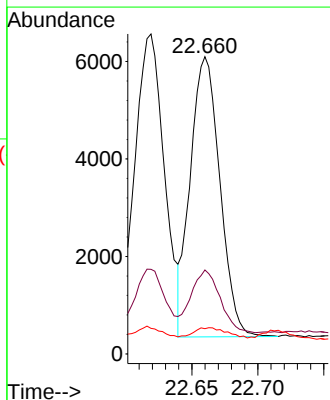
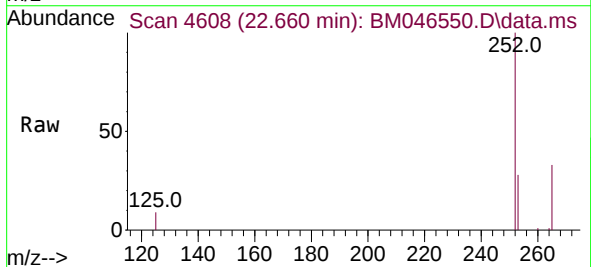
Instrument :
BNA_M
ClientSampleId :
A4DP1DL

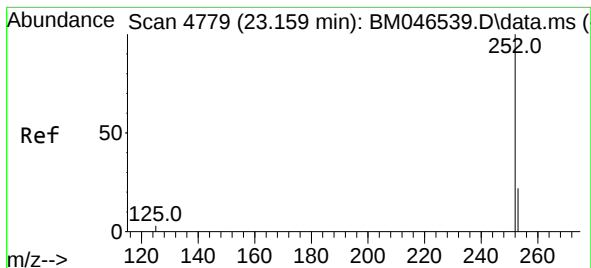
Tgt Ion:	252	Resp:	9869
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	56.2
125	8.0	0.0	17.8



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion:	252	Resp:	8983
Ion Ratio	Lower	Upper	
252	100		
253	28.3	22.4	33.6
125	8.5	7.0	10.4





#26

Benzo(a)pyrene

Concen: 0.789 ng/ul

RT: 23.160 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046550.D

Acq: 12 Jul 2024 18:14

Instrument :

BNA_M

ClientSampleId :

A4DP1DL

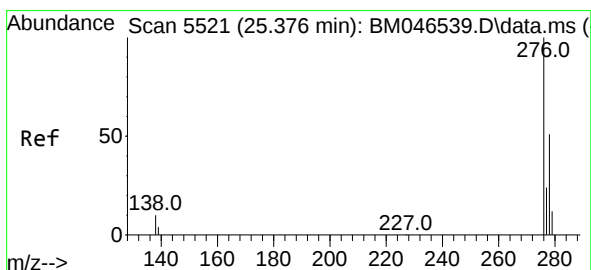
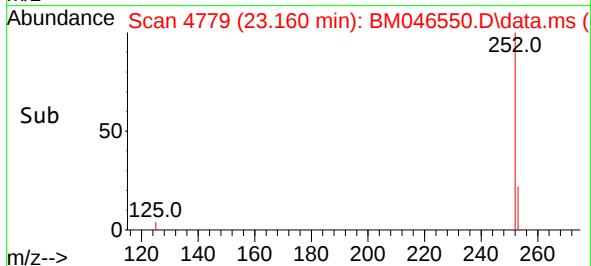
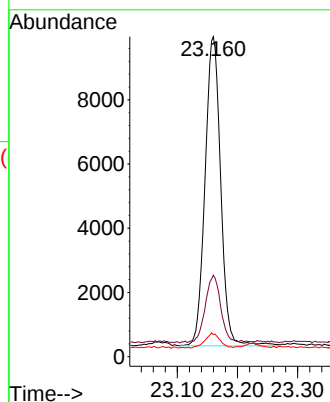
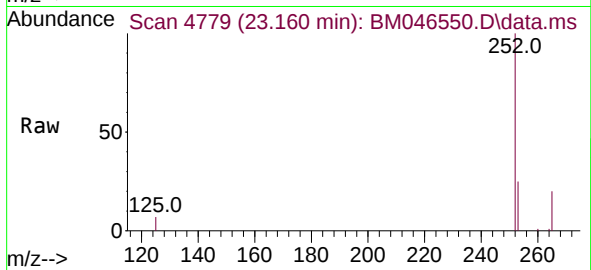
Tgt Ion:252 Resp: 17362

Ion Ratio Lower Upper

252 100

253 25.4 24.0 36.0

125 6.9 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.852 ng/ul

RT: 25.377 min Scan# 5521

Delta R.T. -0.007 min

Lab File: BM046550.D

Acq: 12 Jul 2024 18:14

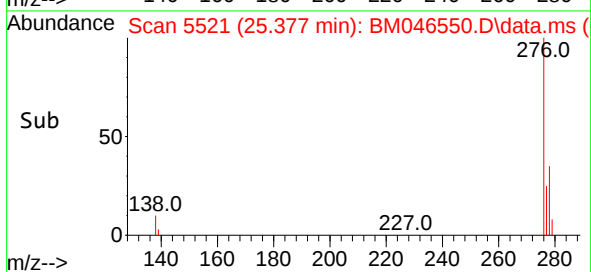
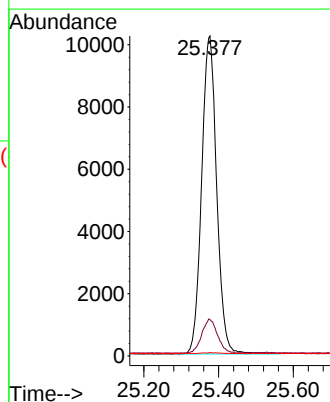
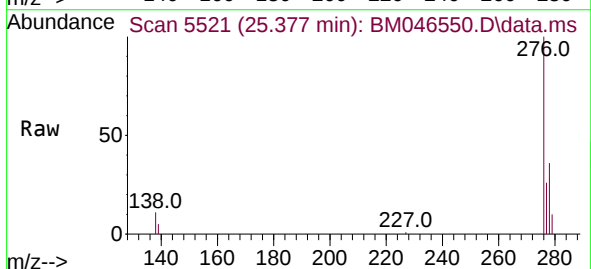
Tgt Ion:276 Resp: 28541

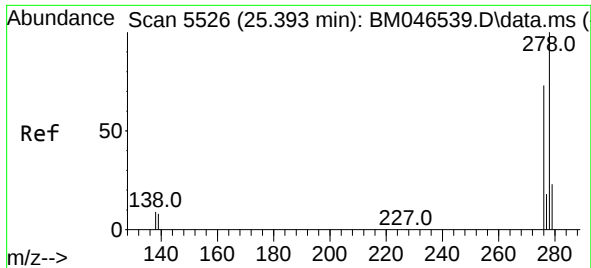
Ion Ratio Lower Upper

276 100

138 11.2 0.0 0.0#

227 0.1 0.2 0.2#

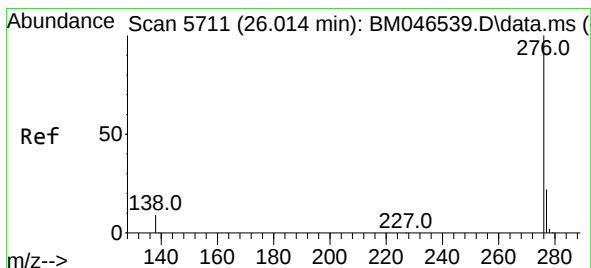
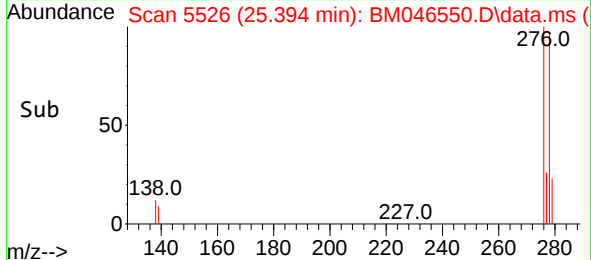
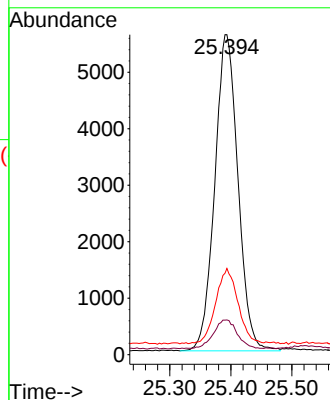
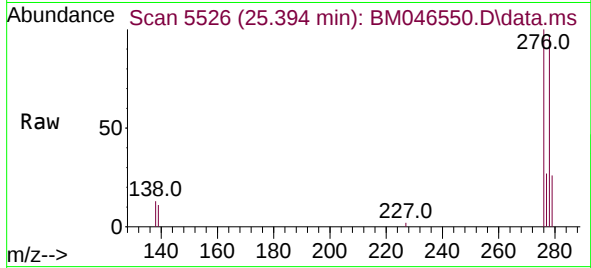




#28
Dibenzo(a,h)anthracene
Concen: 0.558 ng/ul
RT: 25.394 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Instrument :
BNA_M
ClientSampleId :
A4DP1DL

Tgt Ion:278 Resp: 14797
Ion Ratio Lower Upper
278 100
139 10.8 9.1 13.7
279 27.0 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.227 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. -0.003 min
Lab File: BM046550.D
Acq: 12 Jul 2024 18:14

Tgt Ion:276 Resp: 6054
Ion Ratio Lower Upper
276 100
138 14.7 10.2 15.4
277 27.8 20.9 31.3

