

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046544.D
 Acq On : 12 Jul 2024 12:57
 Operator : MA/JU
 Sample : P3102-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP3DL

Quant Time: Jul 12 13:29:35 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)

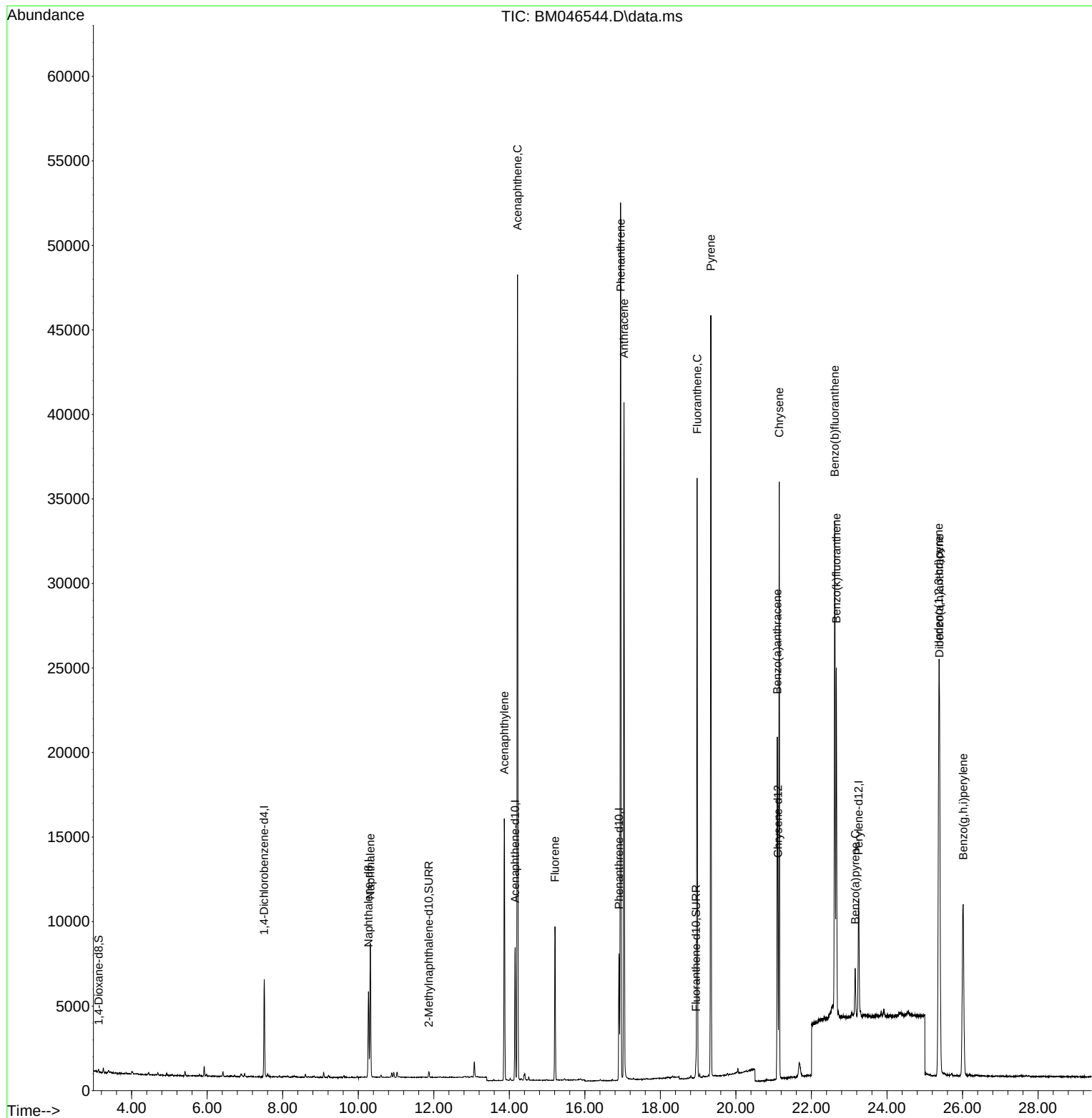
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2756	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	6963	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	4368	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	9240	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	7346	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	8580	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	134	0.059	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	428	0.038	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	1049	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.319	128	10351	0.584	ng/ul	97
10) Acenaphthylene	13.867	152	16875	0.849	ng/ul	98
11) Acenaphthene	14.219	153	26501	1.989	ng/ul	96
12) Fluorene	15.209	166	5642	0.342	ng/ul	97
15) Phenanthrene	16.946	178	54161	2.054	ng/ul	98
16) Anthracene	17.034	178	41818	1.625	ng/ul	98
19) Fluoranthene	18.973	202	31831	1.055	ng/ul	99
20) Pyrene	19.335	202	38639	1.183	ng/ul	99
21) Benzo(a)anthracene	21.094	228	15698	0.483	ng/ul	99
22) Chrysene	21.146	228	27048	0.860	ng/ul	99
24) Benzo(b)fluoranthene	22.616	252	35862	1.046	ng/ul	92
25) Benzo(k)fluoranthene	22.660	252	23979	0.713	ng/ul	94
26) Benzo(a)pyrene	23.160	252	3957	0.140	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.373	276	31317	0.730	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.390	278	24989	0.735	ng/ul	96
29) Benzo(g,h,i)perylene	26.017	276	21783	0.636	ng/ul	98

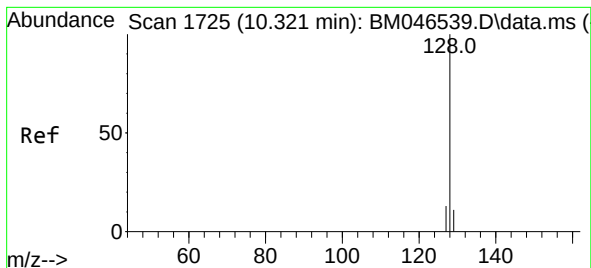
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 13:29:35 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





#5

Naphthalene

Concen: 0.584 ng/ul

RT: 10.319 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

Instrument :

BNA_M

ClientSampleId :

A4DP3DL

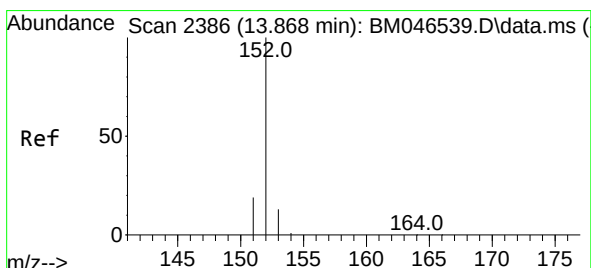
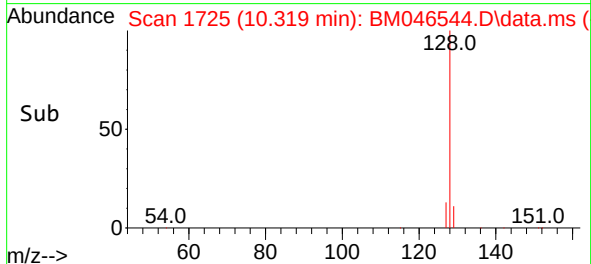
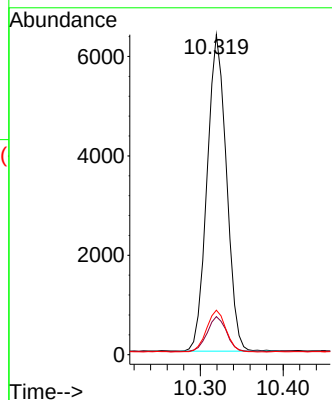
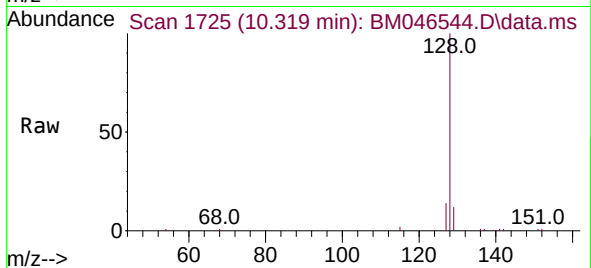
Tgt Ion:128 Resp: 10351

Ion Ratio Lower Upper

128 100

129 11.9 10.3 15.5

127 13.9 12.2 18.4



#10

Acenaphthylene

Concen: 0.849 ng/ul

RT: 13.867 min Scan# 2386

Delta R.T. -0.005 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

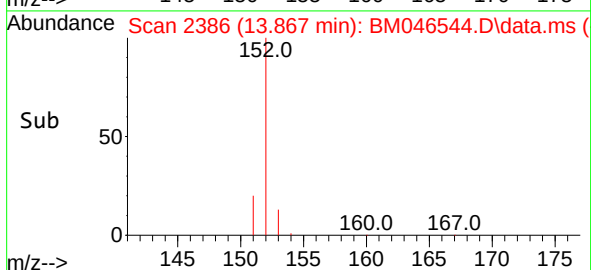
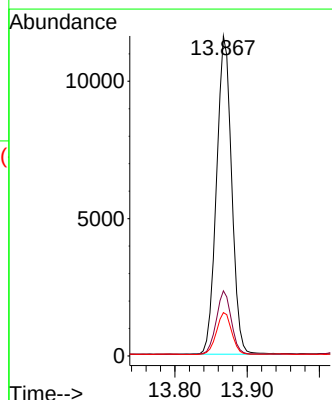
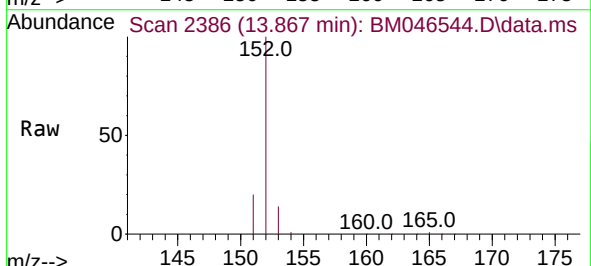
Tgt Ion:152 Resp: 16875

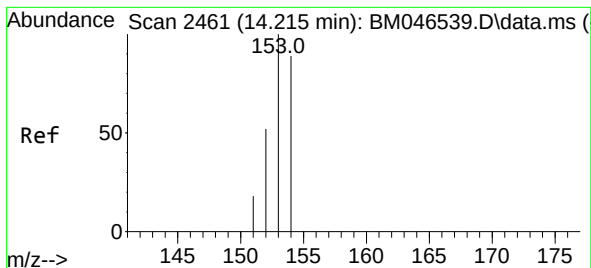
Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.6 12.4 18.6





#11

Acenaphthene

Concen: 1.989 ng/ul

RT: 14.219 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

Instrument :

BNA_M

ClientSampleId :

A4DP3DL

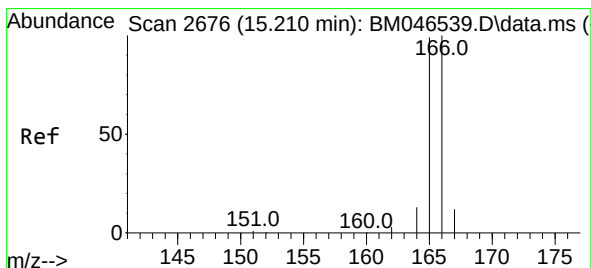
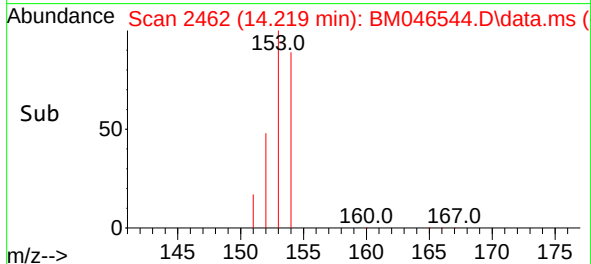
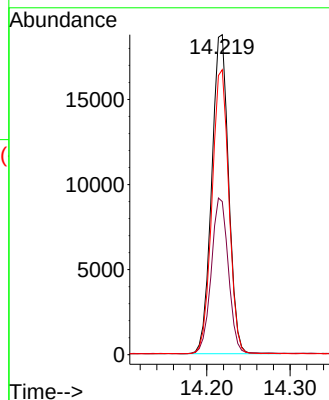
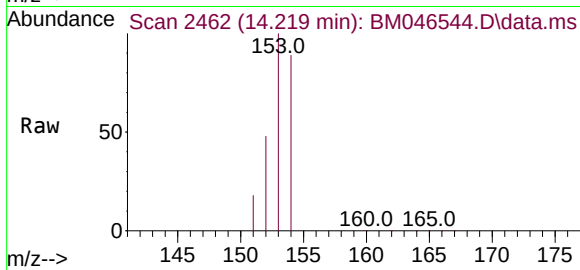
Tgt Ion:153 Resp: 26501

Ion Ratio Lower Upper

153 100

152 47.9 43.0 64.6

154 89.1 69.9 104.9



#12

Fluorene

Concen: 0.342 ng/ul

RT: 15.209 min Scan# 2676

Delta R.T. -0.005 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

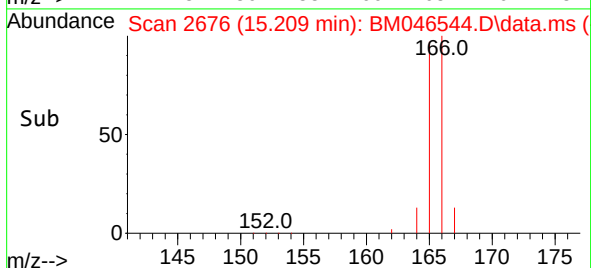
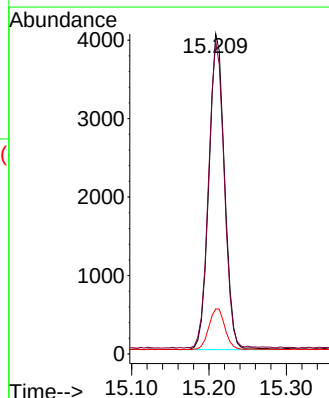
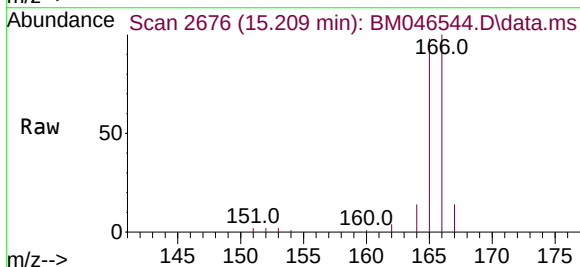
Tgt Ion:166 Resp: 5642

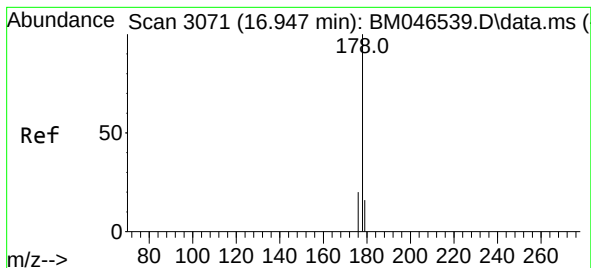
Ion Ratio Lower Upper

166 100

165 97.8 76.1 114.1

167 14.1 12.5 18.7





#15

Phenanthrene

Concen: 2.054 ng/ul

RT: 16.946 min Scan# 3071

Delta R.T. -0.004 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

Instrument :

BNA_M

ClientSampleId :

A4DP3DL

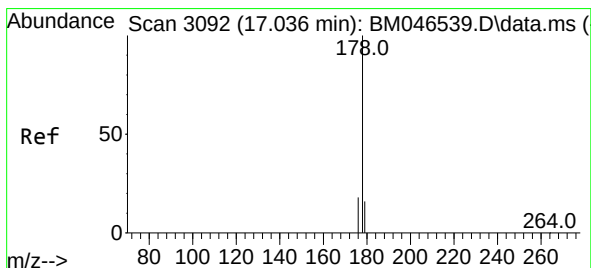
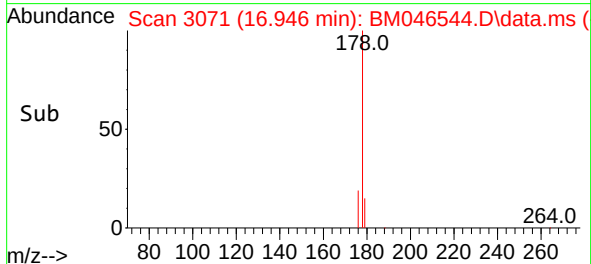
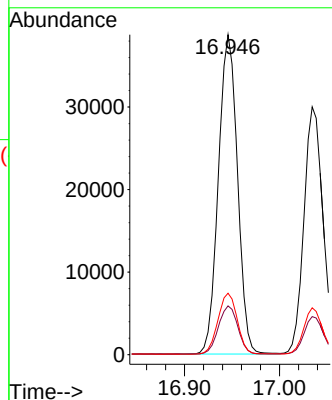
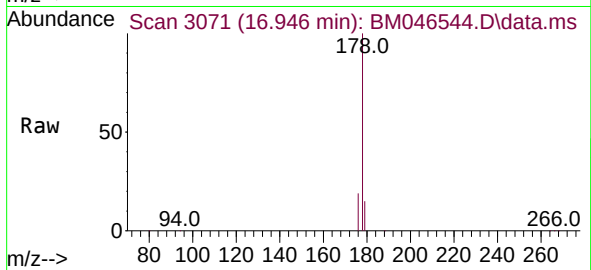
Tgt Ion:178 Resp: 54161

Ion Ratio Lower Upper

178 100

179 15.3 13.1 19.7

176 19.2 16.0 24.0



#16

Anthracene

Concen: 1.625 ng/ul

RT: 17.034 min Scan# 3092

Delta R.T. -0.004 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

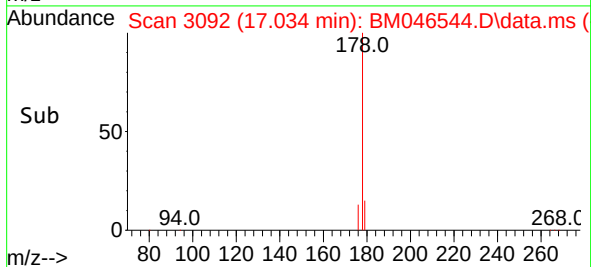
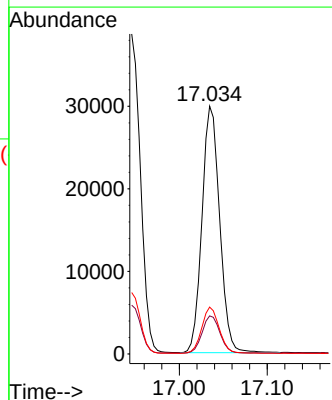
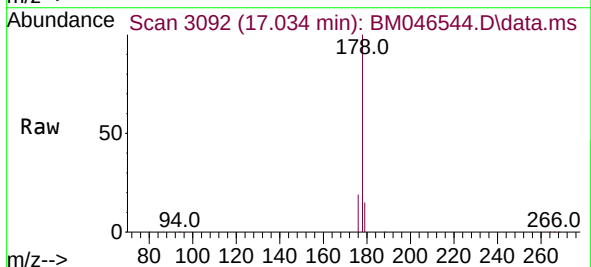
Tgt Ion:178 Resp: 41818

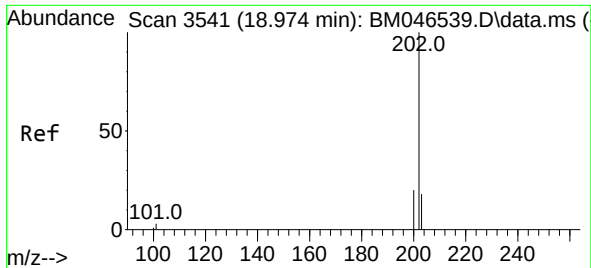
Ion Ratio Lower Upper

178 100

179 15.4 13.5 20.3

176 18.9 15.7 23.5

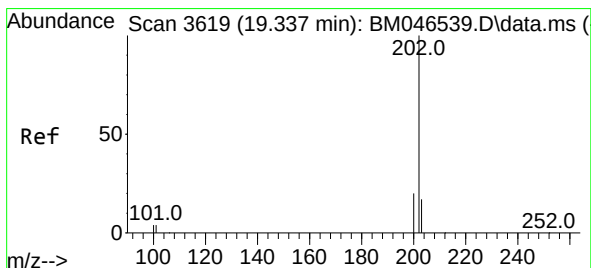
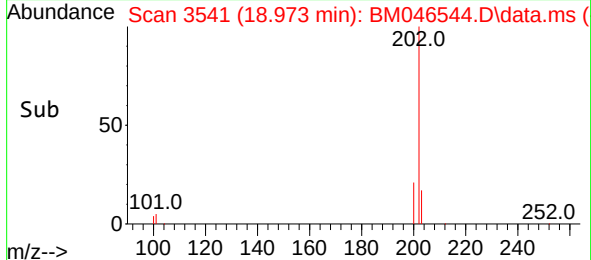
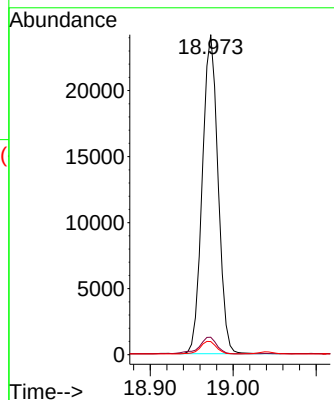
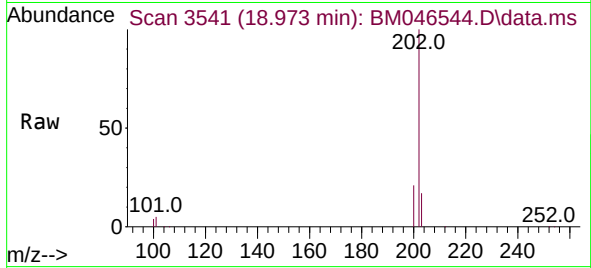




#19
Fluoranthene
Concen: 1.055 ng/ul
RT: 18.973 min Scan# 3541
Delta R.T. -0.005 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

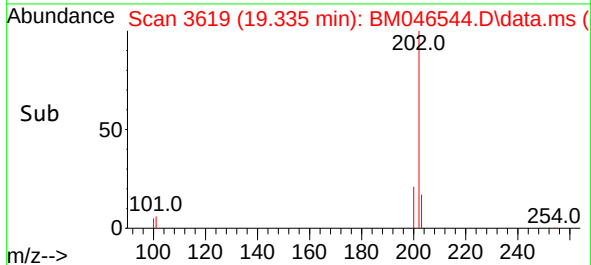
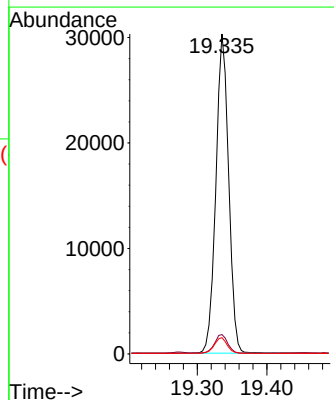
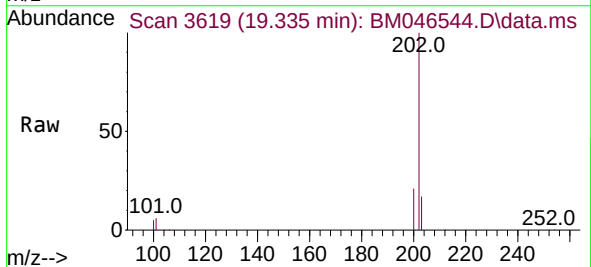
Instrument :
BNA_M
ClientSampleId :
A4DP3DL

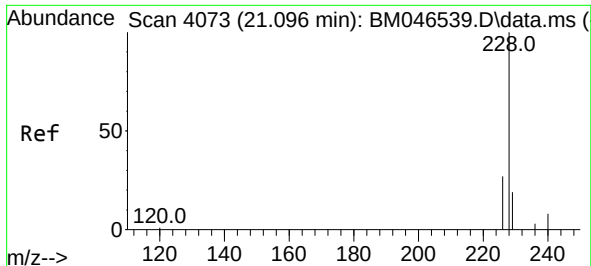
Tgt Ion:202 Resp: 31831
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.1 3.0 4.6



#20
Pyrene
Concen: 1.183 ng/ul
RT: 19.335 min Scan# 3619
Delta R.T. -0.005 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

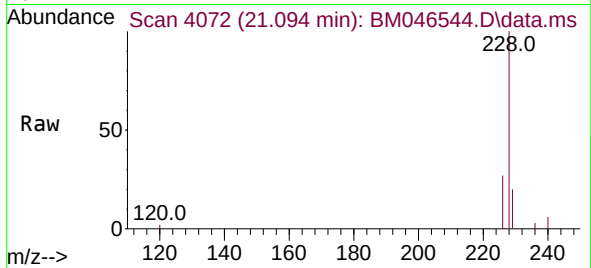
Tgt Ion:202 Resp: 38639
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 5.1 3.8 5.6



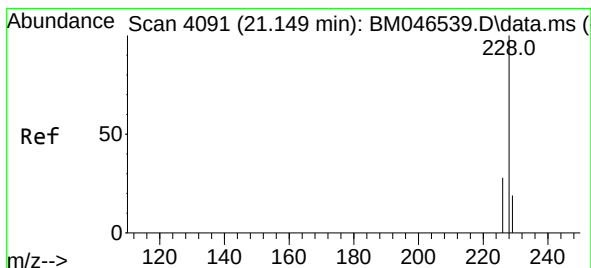
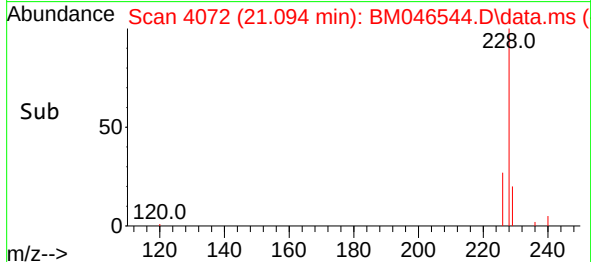
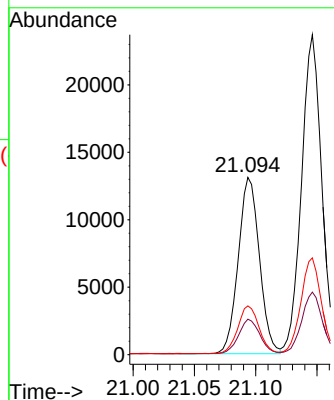


#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.094 min Scan# 4073
Delta R.T. -0.003 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

Instrument :
BNA_M
ClientSampleId :
A4DP3DL

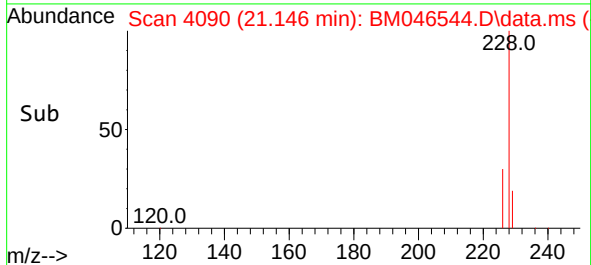
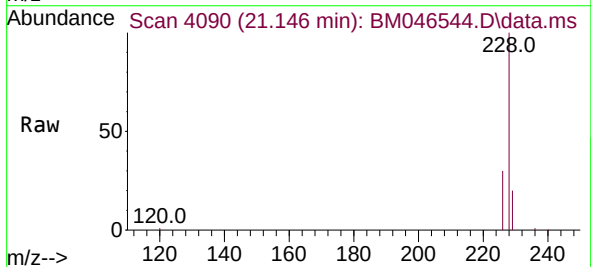
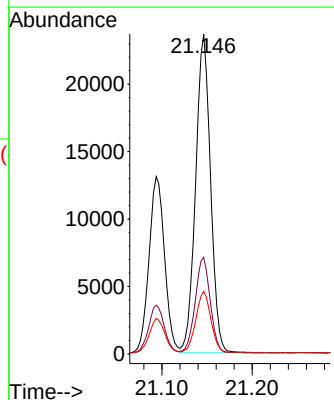


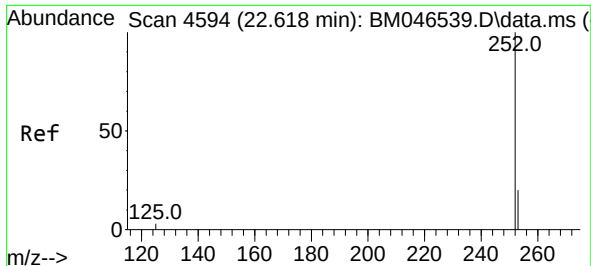
Tgt Ion:228 Resp: 15698
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.860 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.003 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

Tgt Ion:228 Resp: 27048
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.6 16.4 24.6

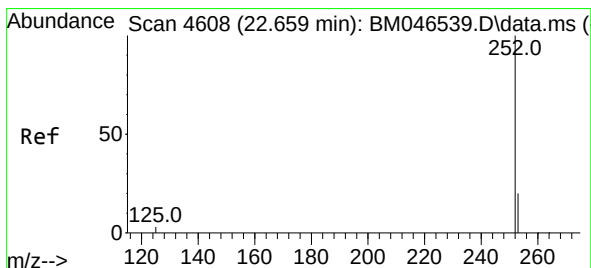
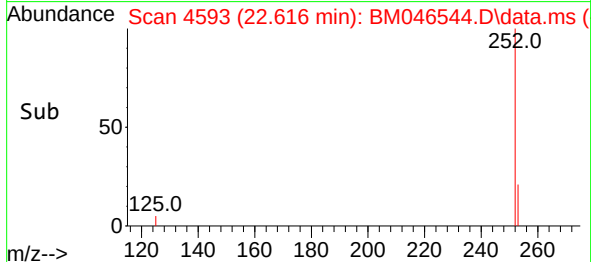
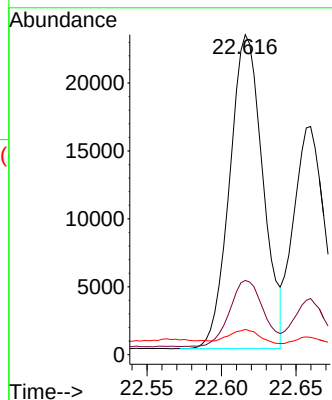
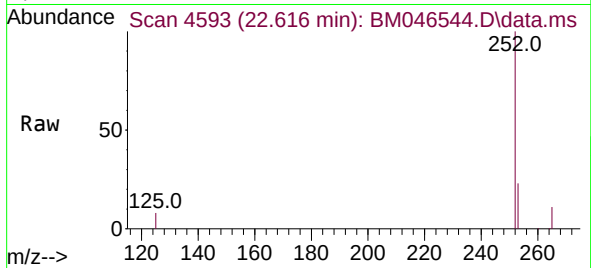




#24
Benzo(b)fluoranthene
Concen: 1.046 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

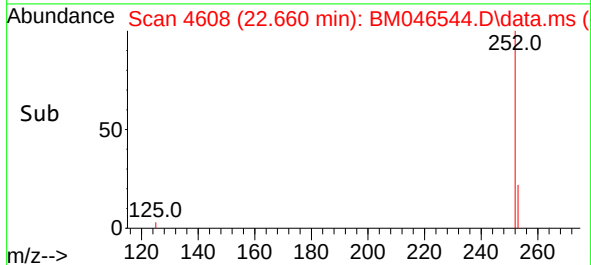
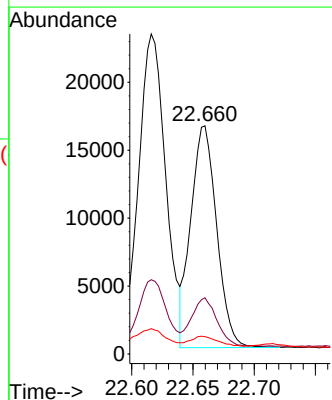
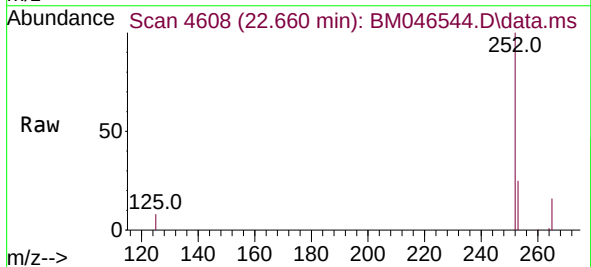
Instrument :
BNA_M
ClientSampleId :
A4DP3DL

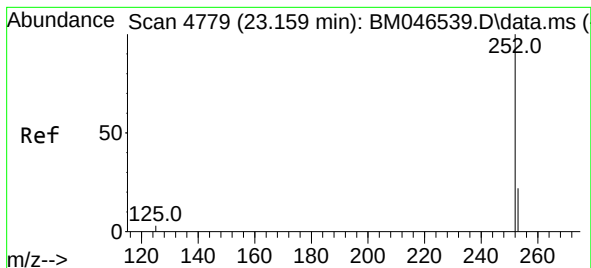
Tgt Ion:252 Resp: 35862
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.2
125 7.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.713 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

Tgt Ion:252 Resp: 23979
Ion Ratio Lower Upper
252 100
253 24.6 22.4 33.6
125 7.6 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.140 ng/ul

RT: 23.160 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046544.D

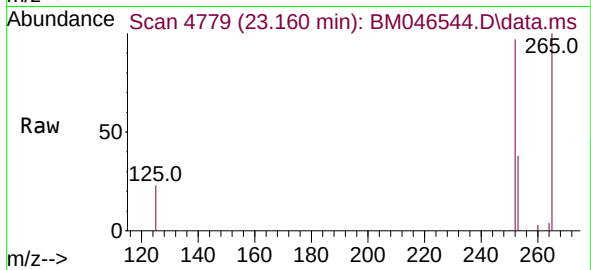
Acq: 12 Jul 2024 12:57

Instrument :

BNA_M

ClientSampleId :

A4DP3DL



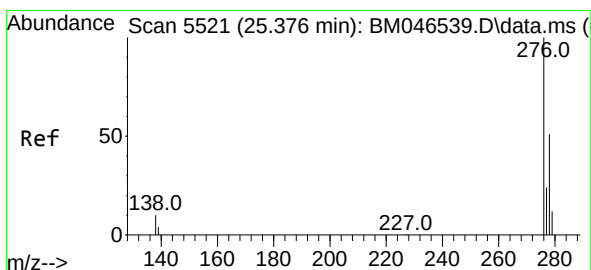
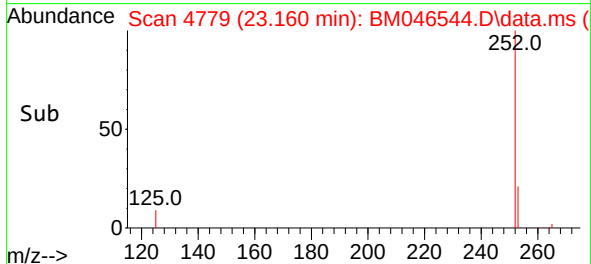
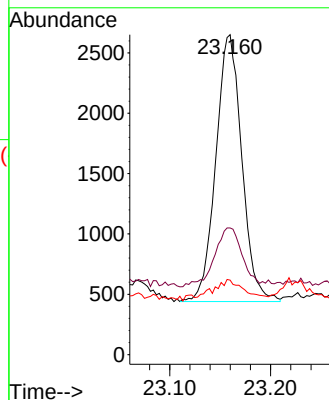
Tgt Ion:252 Resp: 3957

Ion Ratio Lower Upper

252 100

253 39.6 24.0 36.0#

125 23.3 8.2 12.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.730 ng/ul

RT: 25.373 min Scan# 5520

Delta R.T. -0.010 min

Lab File: BM046544.D

Acq: 12 Jul 2024 12:57

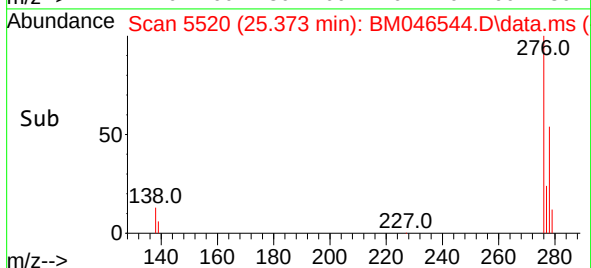
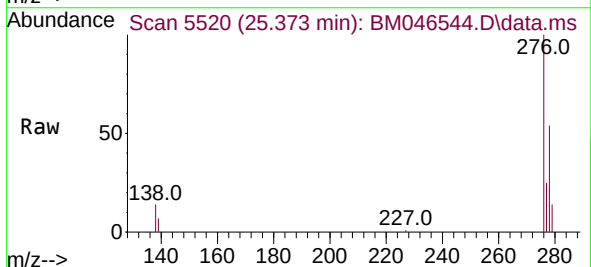
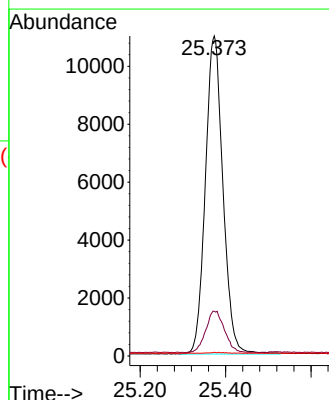
Tgt Ion:276 Resp: 31317

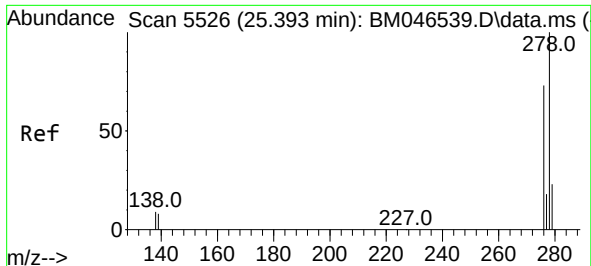
Ion Ratio Lower Upper

276 100

138 14.0 0.0 0.0#

227 0.1 0.2 0.2#

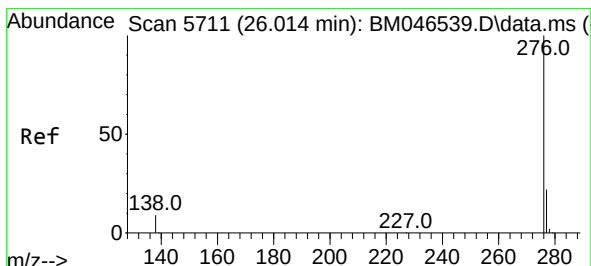
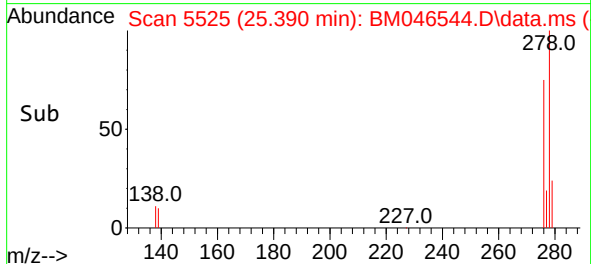
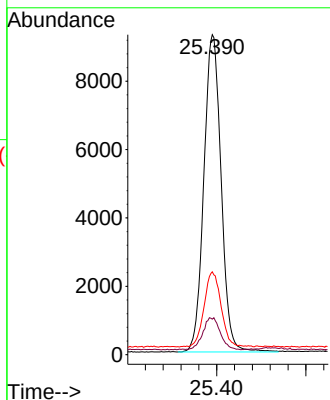
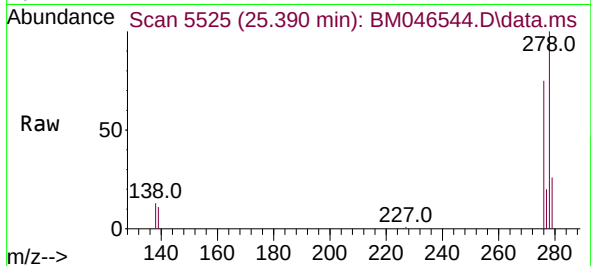




#28
Dibenzo(a,h)anthracene
Concen: 0.735 ng/ul
RT: 25.390 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

Instrument :
BNA_M
ClientSampleId :
A4DP3DL

Tgt Ion:	278	Resp:	24989
Ion Ratio	Lower	Upper	
278	100		
139	11.1	9.1	13.7
279	25.9	23.2	34.8



#29
Benzo(g,h,i)perylene
Concen: 0.636 ng/ul
RT: 26.017 min Scan# 5712
Delta R.T. -0.003 min
Lab File: BM046544.D
Acq: 12 Jul 2024 12:57

Tgt Ion:	276	Resp:	21783
Ion Ratio	Lower	Upper	
276	100		
138	13.2	10.2	15.4
277	25.1	20.9	31.3

