

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046796.D
 Acq On : 25 Jul 2024 12:53
 Operator : MA/JU
 Sample : P3287-08DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XB507DL

Quant Time: Jul 25 13:30:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

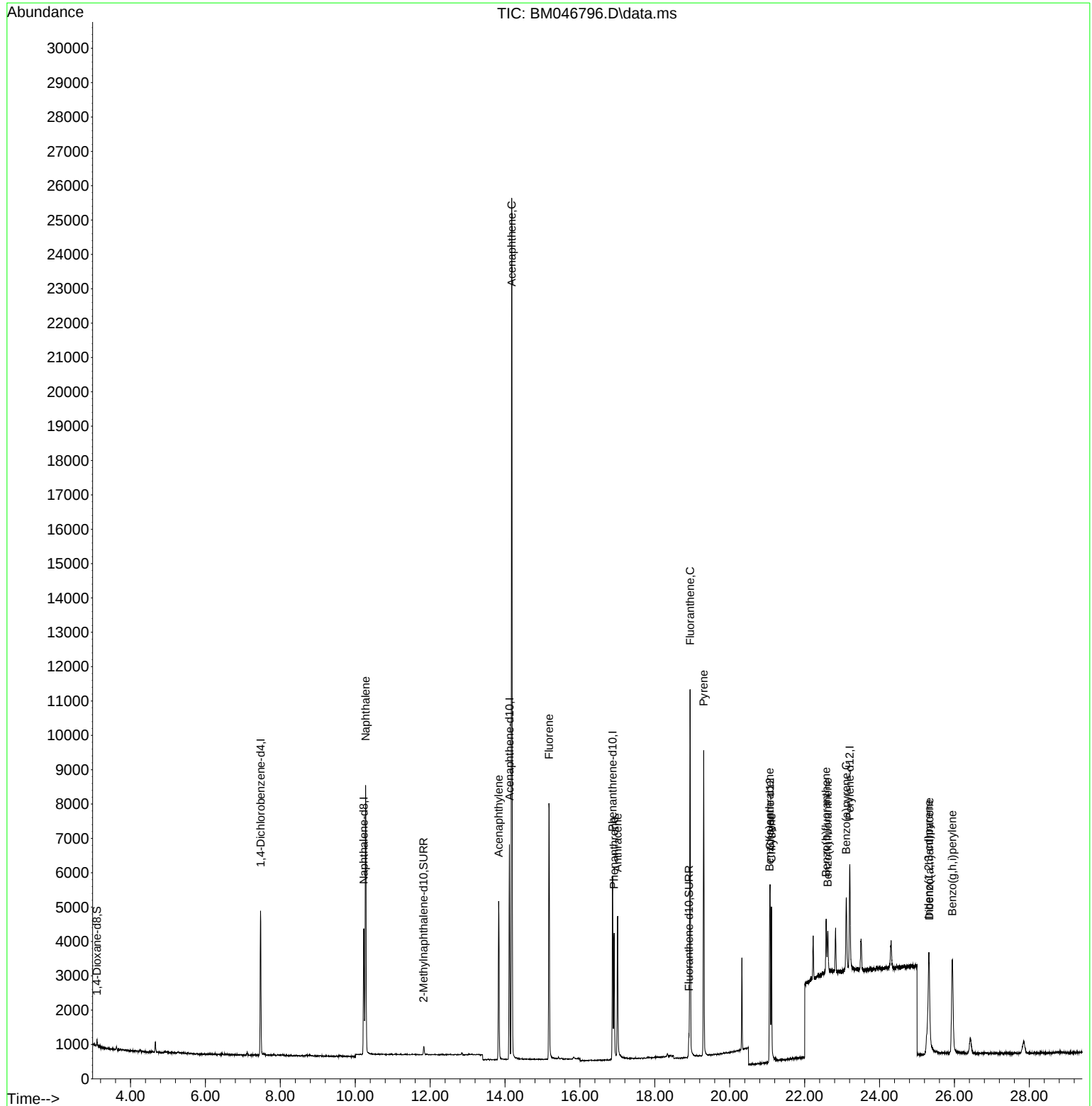
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	2091	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	5166	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	3392	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	7065	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240	4236	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	3983	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	132	0.090	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	362	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	789	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.276	128	10376	0.794	ng/ul	98
10) Acenaphthylene	13.831	152	5208	0.335	ng/ul	99
11) Acenaphthene	14.178	153	14034	1.331	ng/ul	99
12) Fluorene	15.173	166	5073	0.385	ng/ul	95
15) Phenanthrene	16.913	178	4004	0.197	ng/ul	97
16) Anthracene	17.006	178	4621	0.244	ng/ul	98
19) Fluoranthene	18.942	202	10264	0.552	ng/ul#	97
20) Pyrene	19.304	202	8238	0.428	ng/ul	97
21) Benzo(a)anthracene	21.064	228	3097	0.175	ng/ul	96
22) Chrysene	21.113	228	3888	0.217	ng/ul	98
24) Benzo(b)fluoranthene	22.571	252	2001	0.114	ng/ul#	68
25) Benzo(k)fluoranthene	22.615	252	1662	0.094	ng/ul#	62
26) Benzo(a)pyrene	23.109	252	3381	0.269	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.309	276	3699	0.191	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.329	278	3897	0.276	ng/ul#	86
29) Benzo(g,h,i)perylene	25.940	276	6368	0.374	ng/ul	99

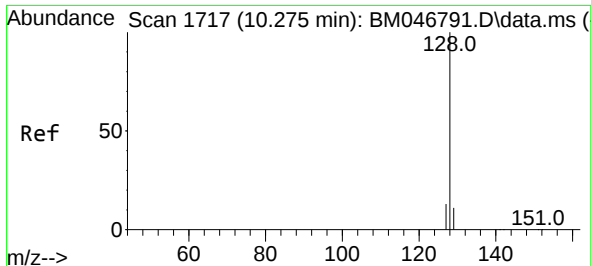
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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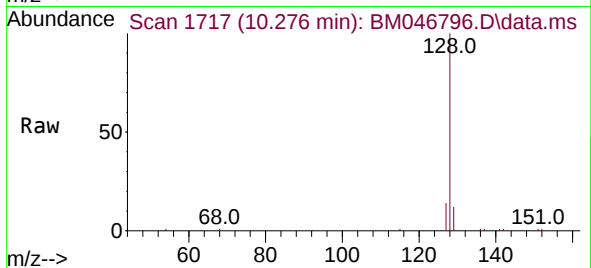
Quant Time: Jul 25 13:30:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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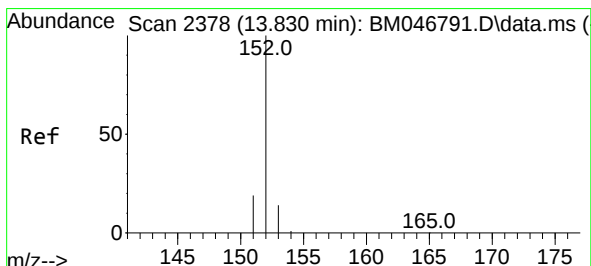
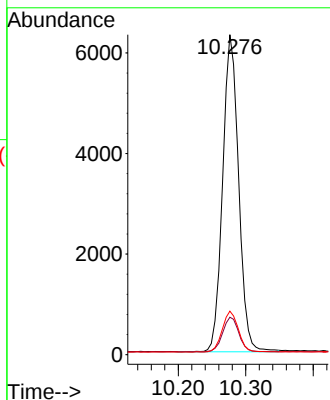
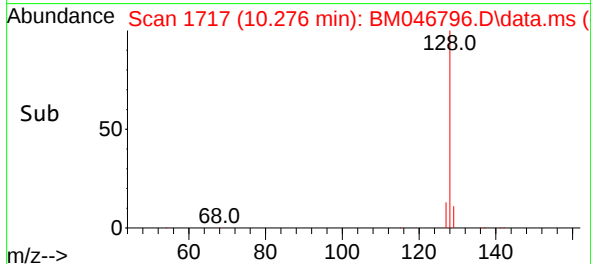


#5
Naphthalene
Concen: 0.794 ng/ul
RT: 10.276 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Instrument :
BNA_M
ClientSampleId :
XB507DL

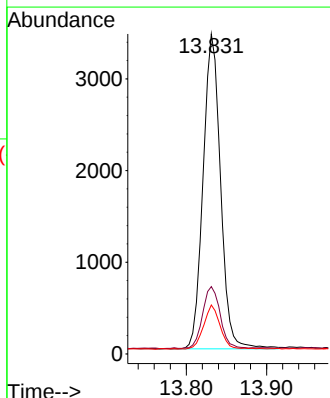
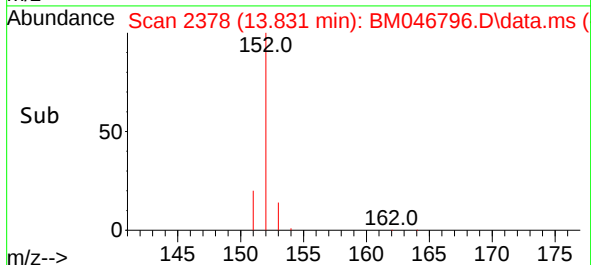
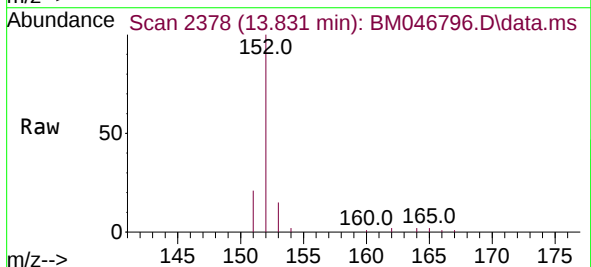


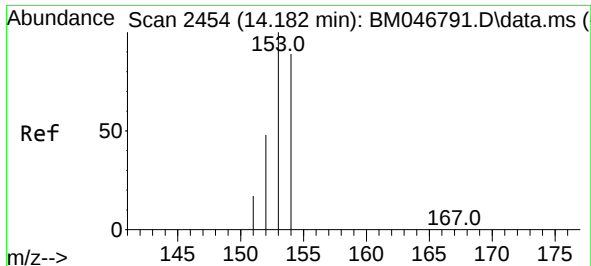
Tgt Ion:128 Resp: 10376
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 13.6 11.5 17.3



#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion:152 Resp: 5208
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 15.3 11.0 16.6

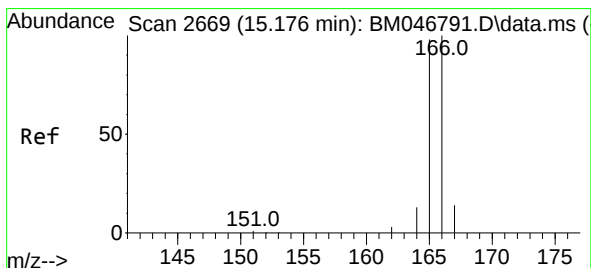
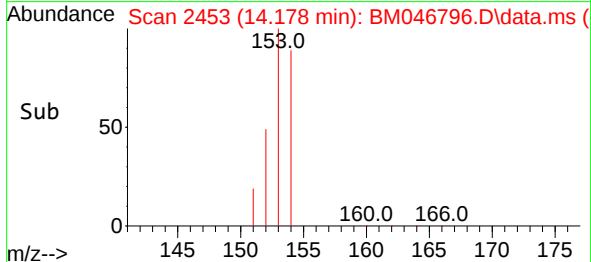
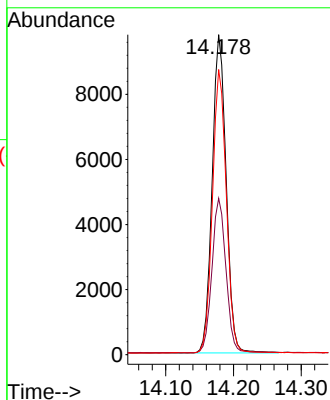
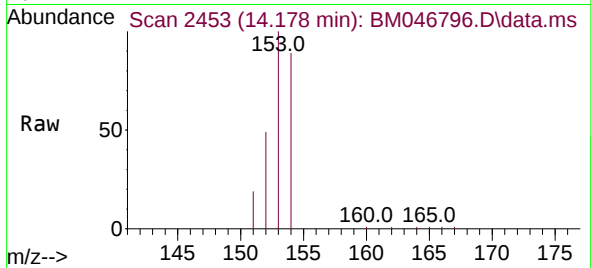




#11
Acenaphthene
Concen: 1.331 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

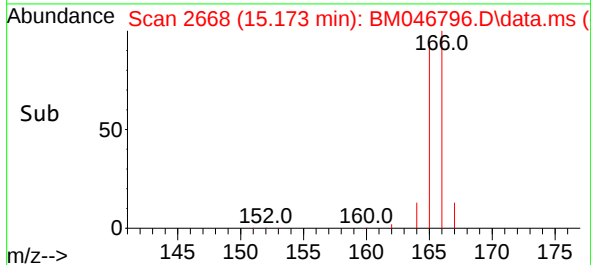
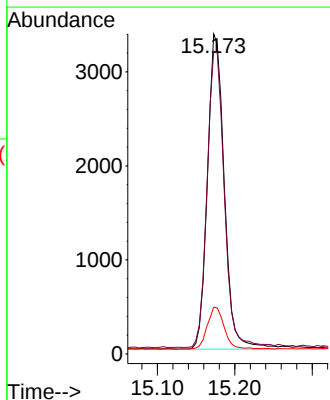
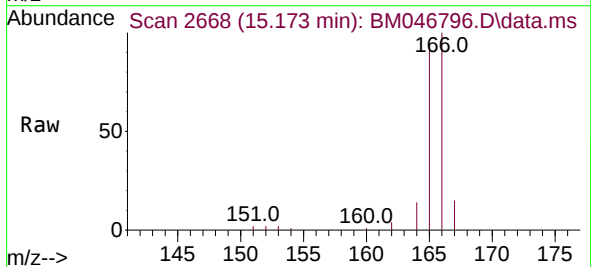
Instrument :
BNA_M
ClientSampleId :
XB507DL

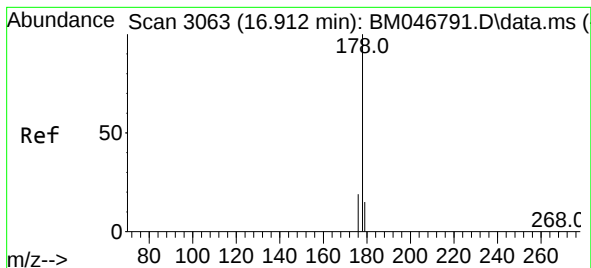
Tgt Ion:153 Resp: 14034
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 89.1 70.8 106.2



#12
Fluorene
Concen: 0.385 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion:166 Resp: 5073
Ion Ratio Lower Upper
166 100
165 94.7 79.8 119.6
167 14.6 12.3 18.5

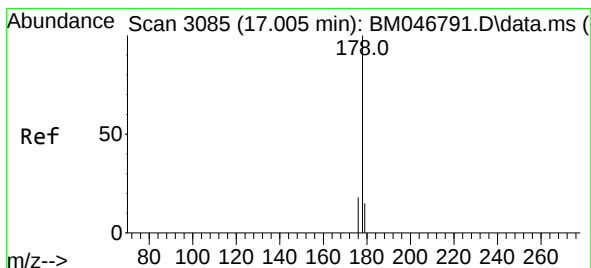
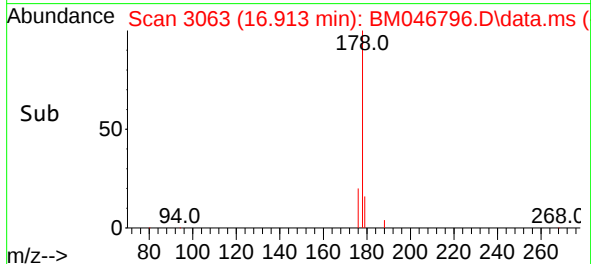
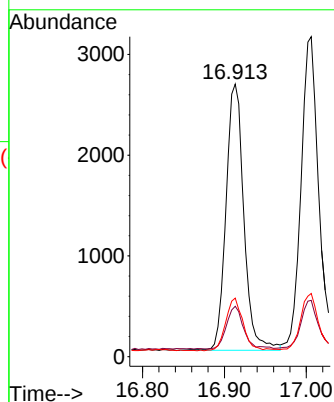
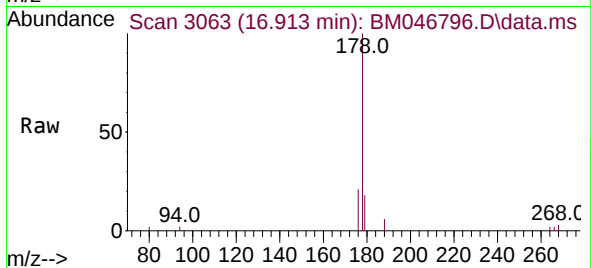




#15
Phenanthrene
Concen: 0.197 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

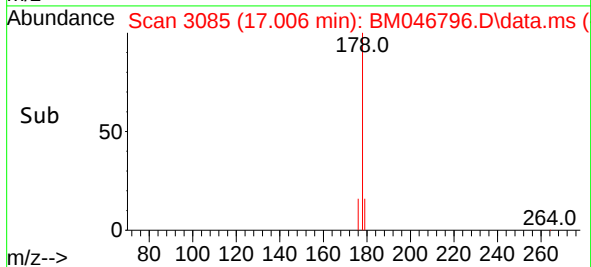
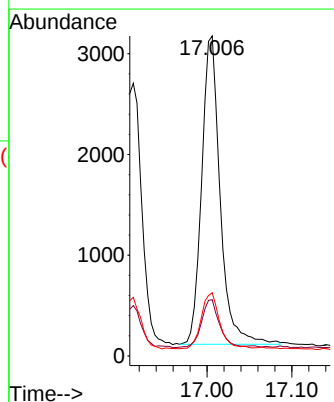
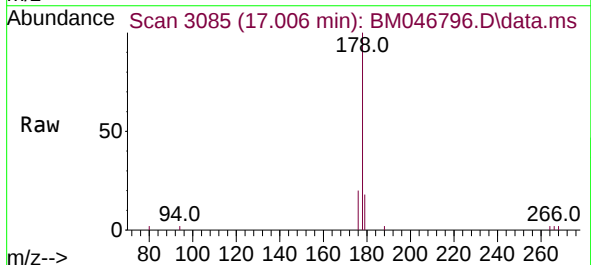
Instrument :
BNA_M
ClientSampleId :
XB507DL

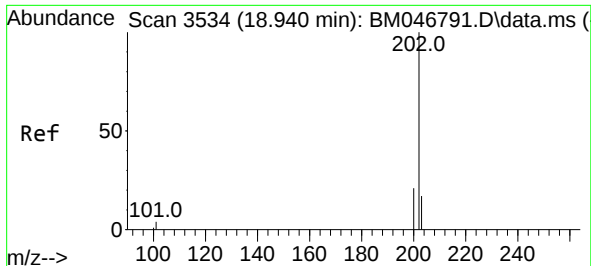
Tgt Ion:178 Resp: 4004
Ion Ratio Lower Upper
178 100
179 18.5 13.4 20.2
176 21.5 16.1 24.1



#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion:178 Resp: 4621
Ion Ratio Lower Upper
178 100
179 17.6 13.1 19.7
176 19.7 15.0 22.6

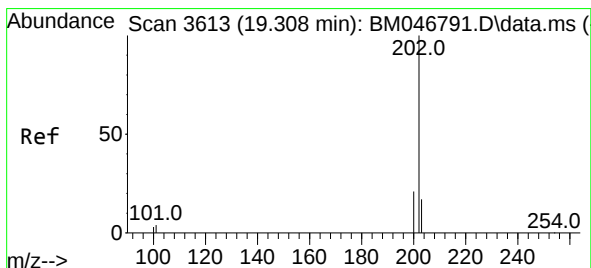
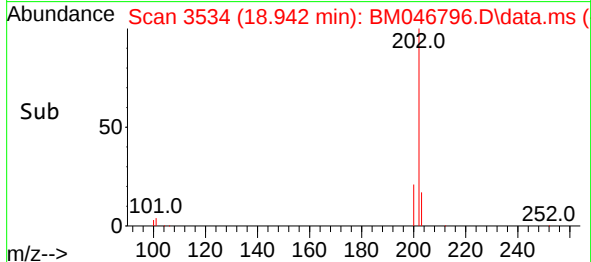
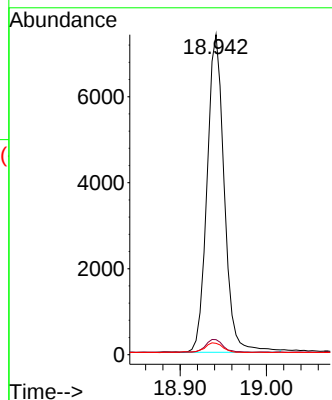
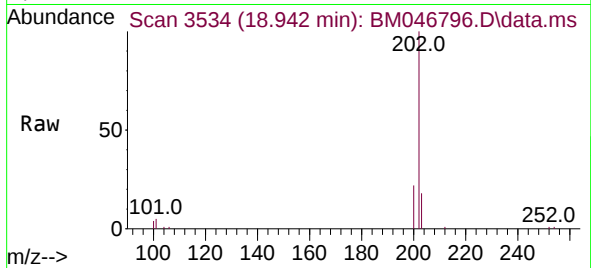




#19
Fluoranthene
Concen: 0.552 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

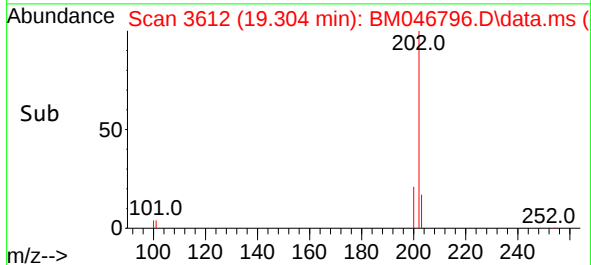
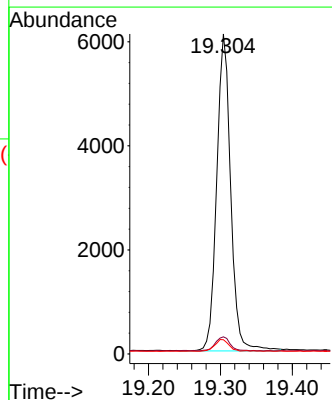
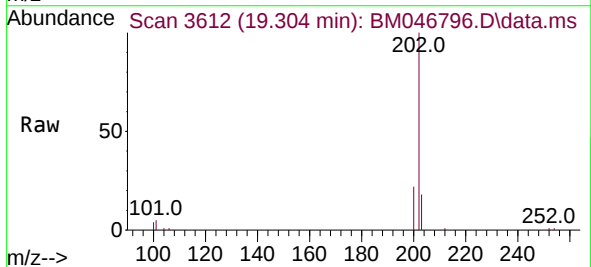
Instrument :
BNA_M
ClientSampleId :
XB507DL

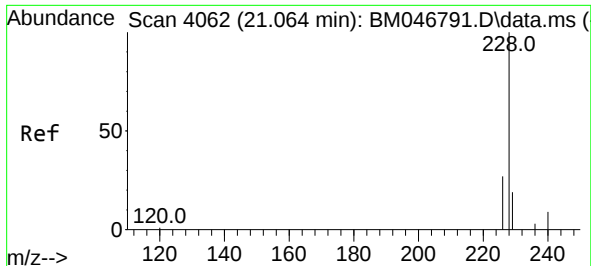
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.7	4.7	7.1#
100	3.5	3.4	5.2



#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

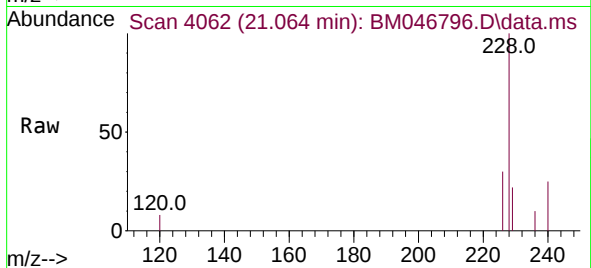
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	5.2	7.8
100	4.4	4.3	6.5



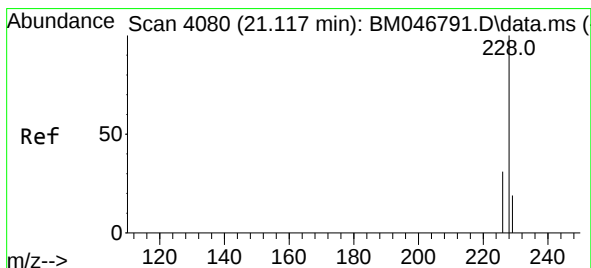
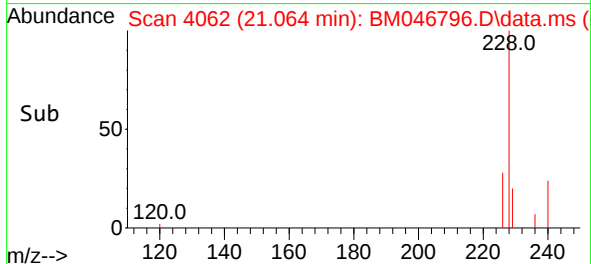
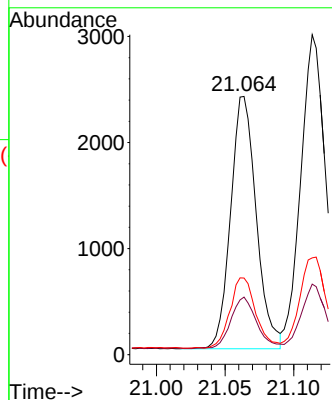


#21
Benzo(a)anthracene
Concen: 0.175 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.000 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Instrument :
BNA_M
ClientSampleId :
XB507DL

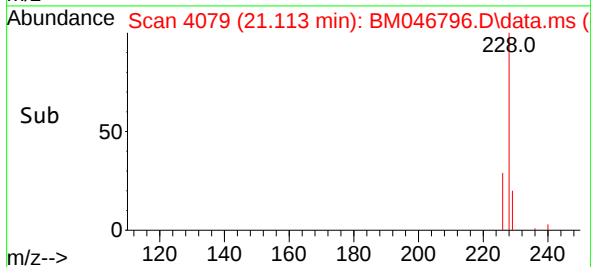
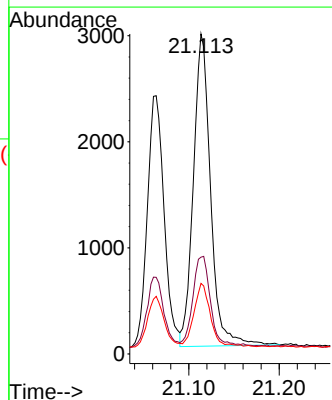
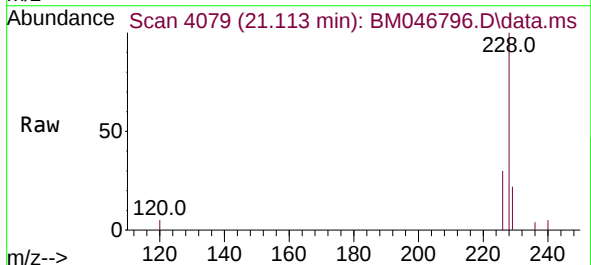


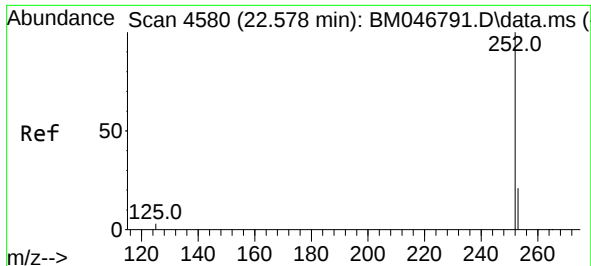
Tgt Ion:228 Resp: 3097
Ion Ratio Lower Upper
228 100
229 22.3 16.3 24.5
226 29.7 22.3 33.5



#22
Chrysene
Concen: 0.217 ng/ul
RT: 21.113 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion:228 Resp: 3888
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.0 16.2 24.2

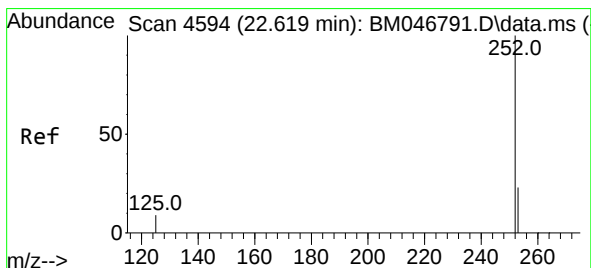
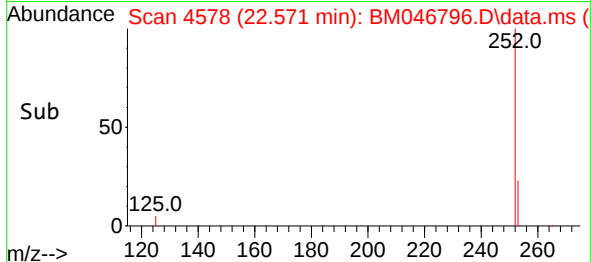
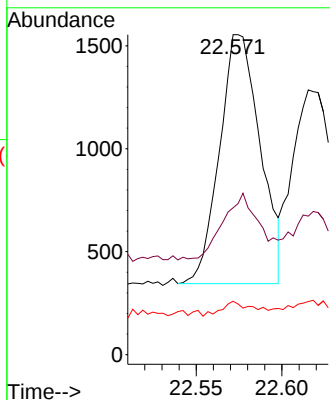
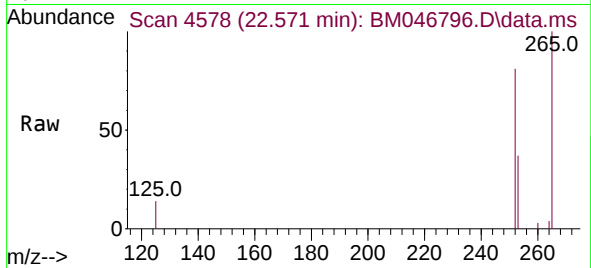




#24
Benzo(b)fluoranthene
Concen: 0.114 ng/ul
RT: 22.571 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

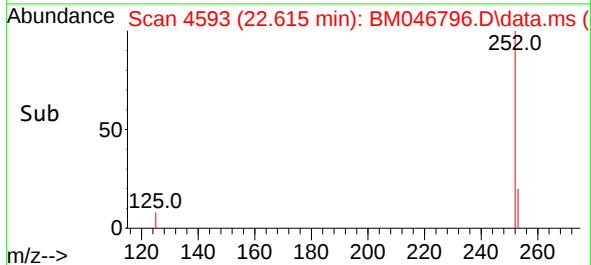
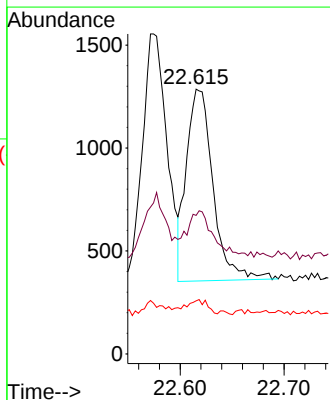
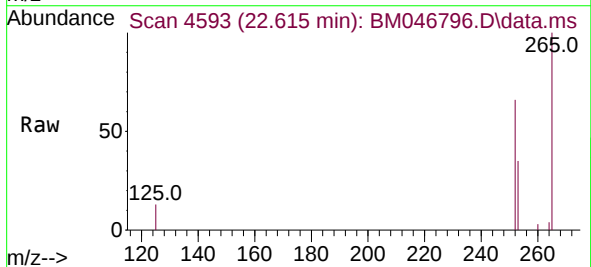
Instrument :
BNA_M
ClientSampleId :
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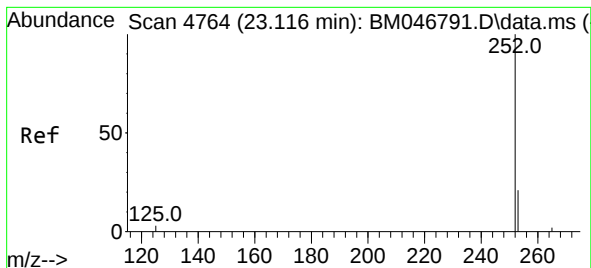
Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.9	0.0	56.4
125	16.7	0.0	15.8



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.3	23.5	35.3
125	20.1	8.6	13.0





#26

Benzo(a)pyrene

Concen: 0.269 ng/ul

RT: 23.109 min Scan# 4762

Delta R.T. -0.009 min

Lab File: BM046796.D

Acq: 25 Jul 2024 12:53

Instrument :

BNA_M

ClientSampleId :

XB507DL

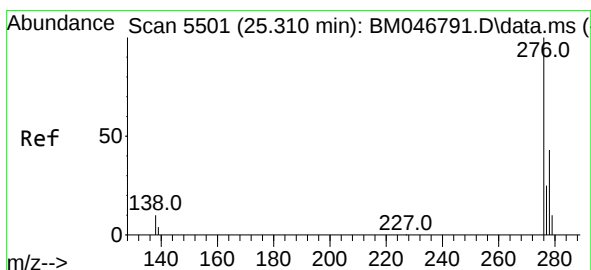
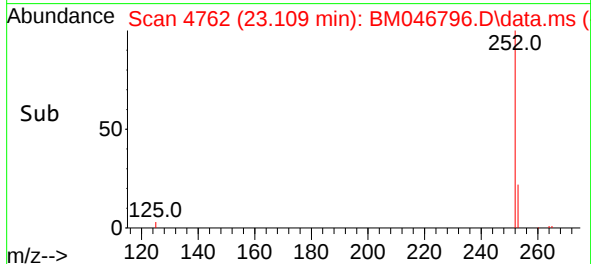
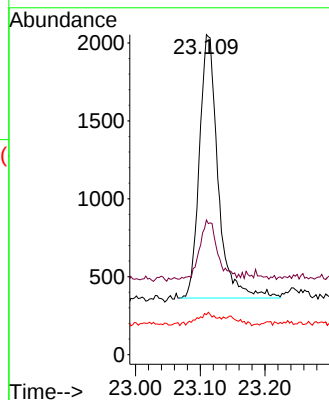
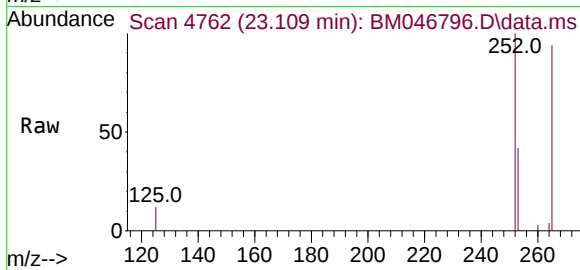
Tgt Ion:252 Resp: 3381

Ion Ratio Lower Upper

252 100

253 42.1 26.0 39.0#

125 12.5 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.191 ng/ul

RT: 25.309 min Scan# 5501

Delta R.T. -0.007 min

Lab File: BM046796.D

Acq: 25 Jul 2024 12:53

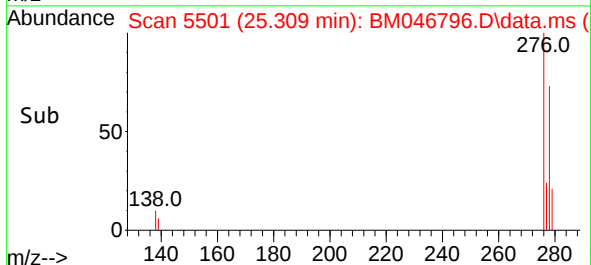
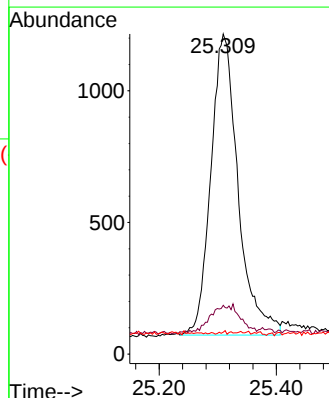
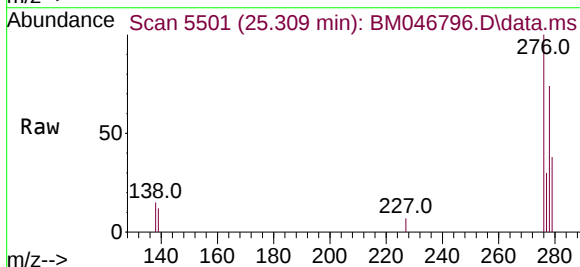
Tgt Ion:276 Resp: 3699

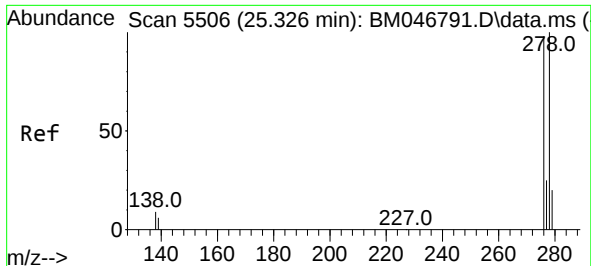
Ion Ratio Lower Upper

276 100

138 0.0 9.7 14.5#

227 0.2 0.2 0.2

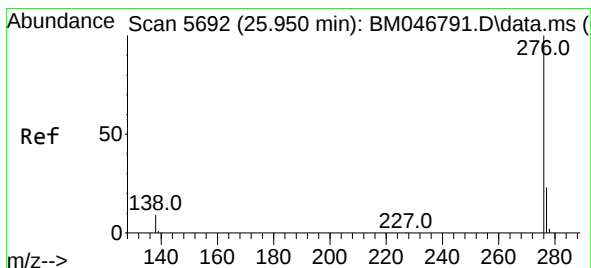
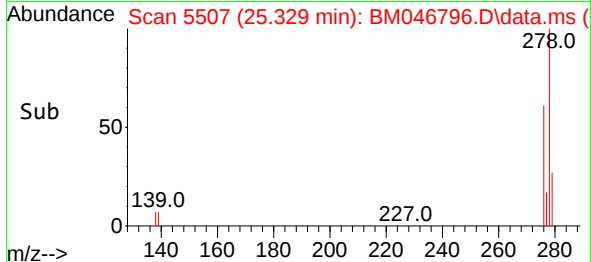
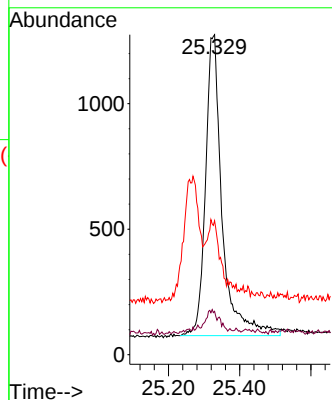
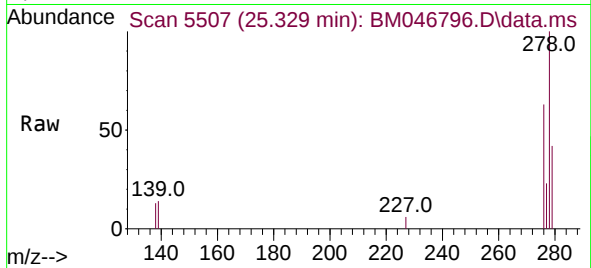




#28
Dibenzo(a,h)anthracene
Concen: 0.276 ng/ul
RT: 25.329 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Instrument :
BNA_M
ClientSampleId :
XB507DL

Tgt Ion:278 Resp: 3897
Ion Ratio Lower Upper
278 100
139 13.6 9.8 14.8
279 41.9 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 25.940 min Scan# 5689
Delta R.T. -0.014 min
Lab File: BM046796.D
Acq: 25 Jul 2024 12:53

Tgt Ion:276 Resp: 6368
Ion Ratio Lower Upper
276 100
138 11.3 9.5 14.3
277 26.4 20.9 31.3

