

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046795.D
 Acq On : 25 Jul 2024 12:16
 Operator : MA/JU
 Sample : P3287-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XB507

Quant Time: Jul 25 12:46:55 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)

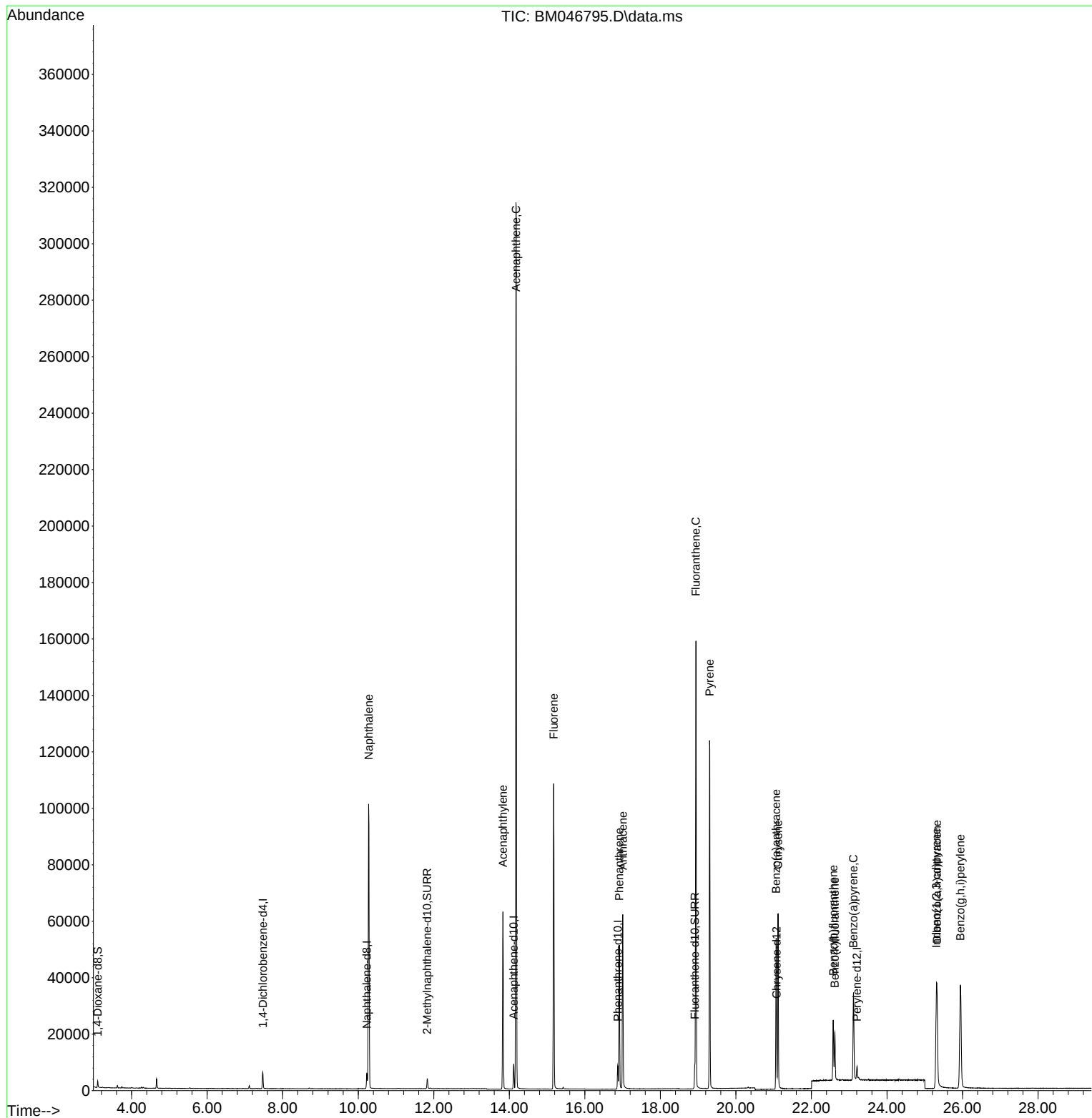
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	2926	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	7527	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	4815	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	10515	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	6523	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	5947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1412	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	4725	0.395	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	9988	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	132767	6.974	ng/ul	96
10) Acenaphthylene	13.830	152	68070	3.087	ng/ul	97
11) Acenaphthene	14.177	153	180652	12.069	ng/ul	100
12) Fluorene	15.176	166	67360	3.600	ng/ul	96
15) Phenanthrene	16.912	178	52722	1.744	ng/ul	98
16) Anthracene	17.005	178	65479	2.327	ng/ul	98
19) Fluoranthene	18.940	202	137369	4.795	ng/ul#	96
20) Pyrene	19.303	202	110583	3.732	ng/ul	97
21) Benzo(a)anthracene	21.064	228	43440	1.598	ng/ul	98
22) Chrysene	21.117	228	52633	1.906	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	26583	1.018	ng/ul	93
25) Benzo(k)fluoranthene	22.619	252	21466	0.816	ng/ul#	90
26) Benzo(a)pyrene	23.113	252	45051	2.404	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.306	276	45403	1.574	ng/ul	98
28) Dibenzo(a,h)anthracene	25.323	278	45053	2.133	ng/ul#	88
29) Benzo(g,h,i)perylene	25.944	276	78769	3.100	ng/ul	95

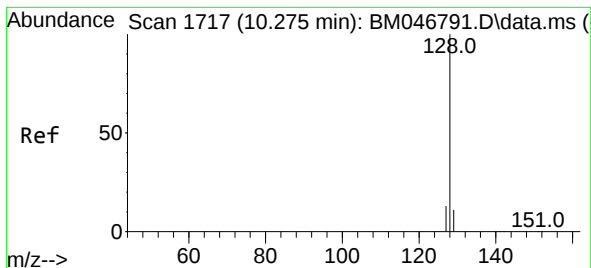
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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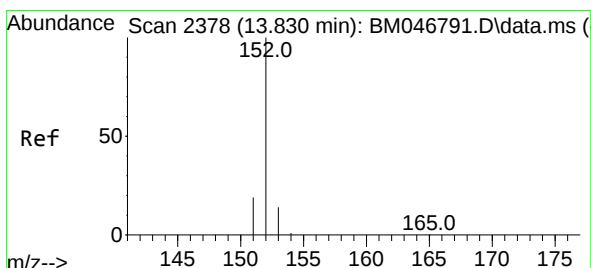
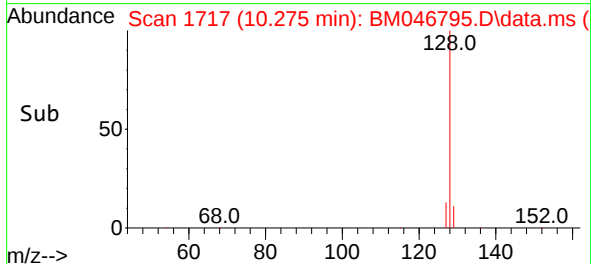
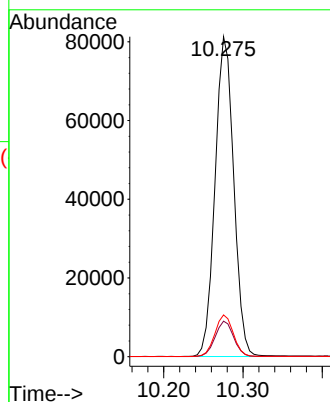
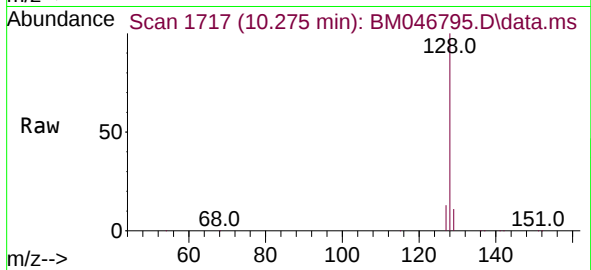




#5
Naphthalene
Concen: 6.974 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

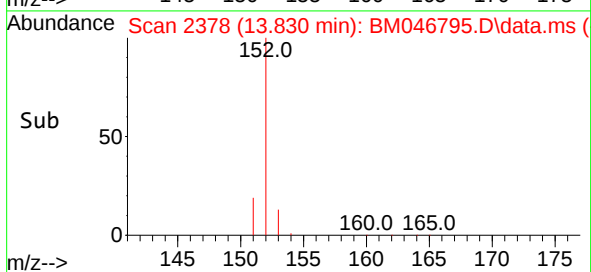
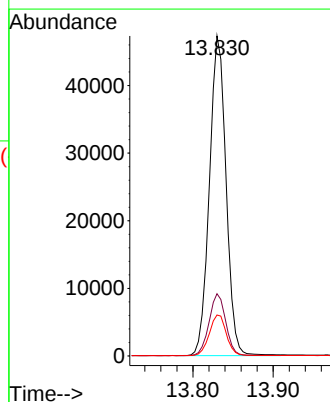
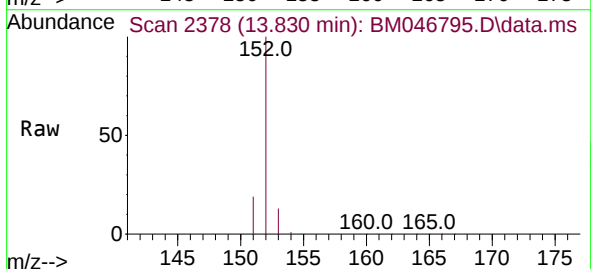
Instrument :
BNA_M
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XB507

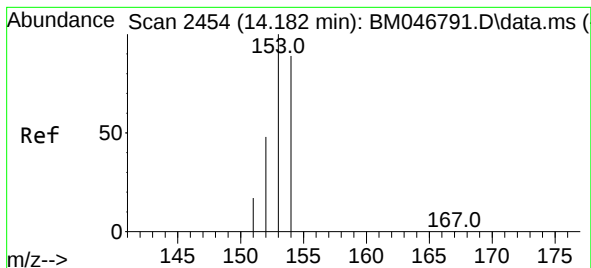
Tgt Ion:128 Resp: 132767
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 13.1 11.5 17.3



#10
Acenaphthylene
Concen: 3.087 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:152 Resp: 68070
Ion Ratio Lower Upper
152 100
151 19.5 16.8 25.2
153 12.8 11.0 16.6





#11

Acenaphthene

Concen: 12.069 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM046795.D

Acq: 25 Jul 2024 12:16

Instrument :

BNA_M

ClientSampleId :

XB507

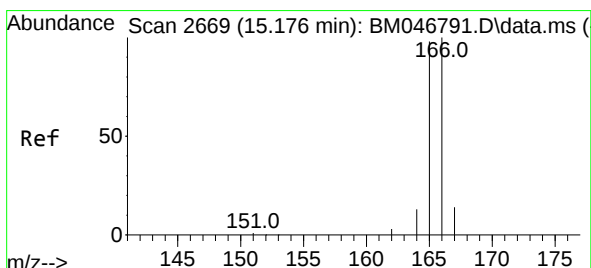
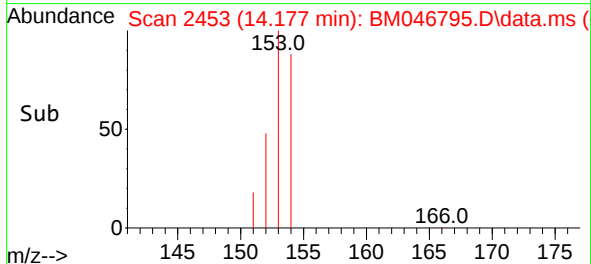
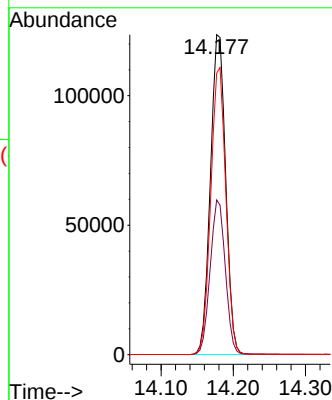
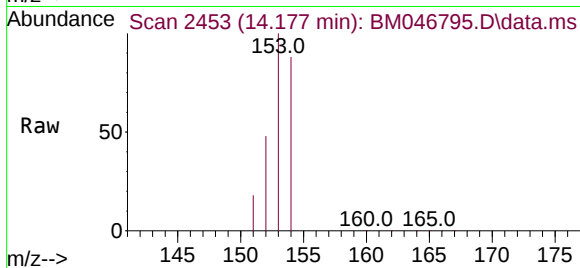
Tgt Ion:153 Resp: 180652

Ion Ratio Lower Upper

153 100

152 48.3 38.6 57.8

154 87.9 70.8 106.2



#12

Fluorene

Concen: 3.600 ng/ul

RT: 15.176 min Scan# 2669

Delta R.T. -0.001 min

Lab File: BM046795.D

Acq: 25 Jul 2024 12:16

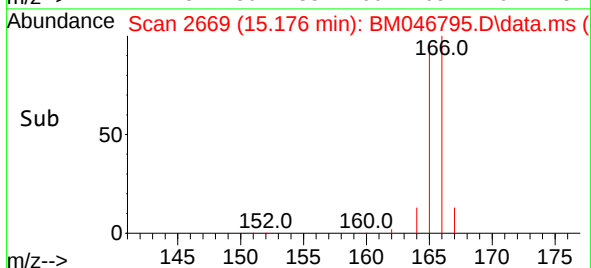
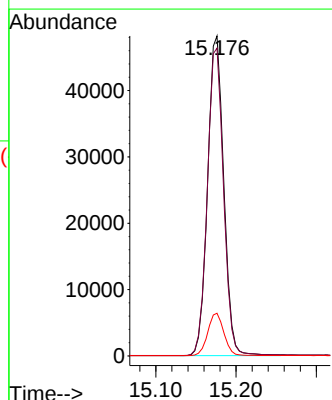
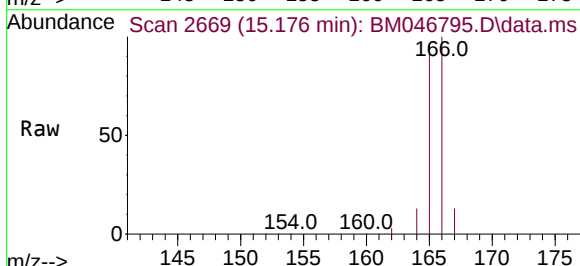
Tgt Ion:166 Resp: 67360

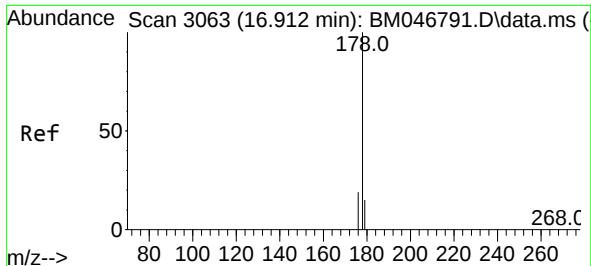
Ion Ratio Lower Upper

166 100

165 96.2 79.8 119.6

167 13.4 12.3 18.5

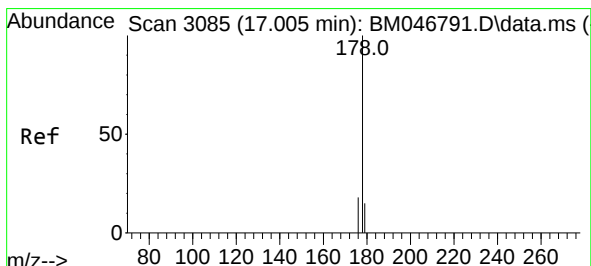
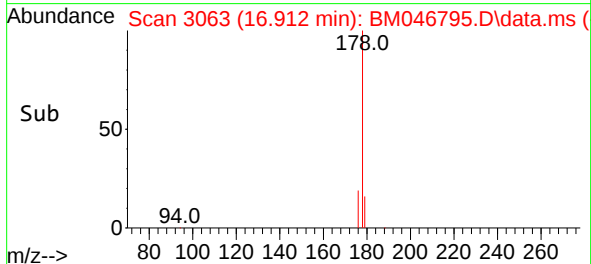
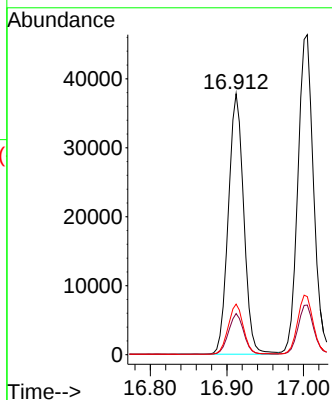
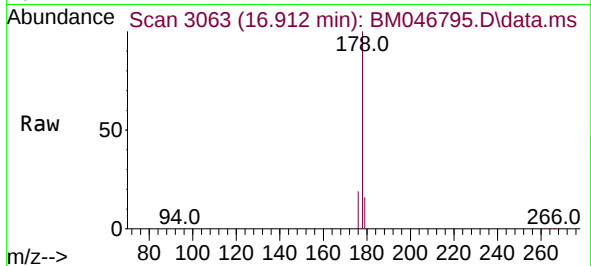




#15
Phenanthrene
Concen: 1.744 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

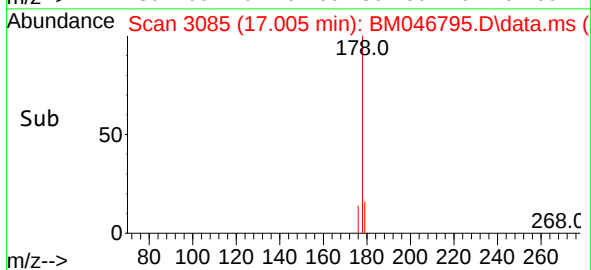
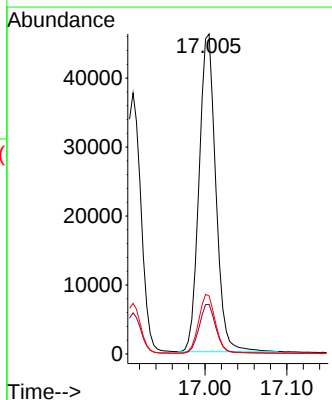
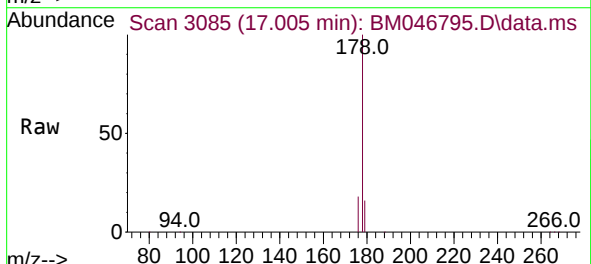
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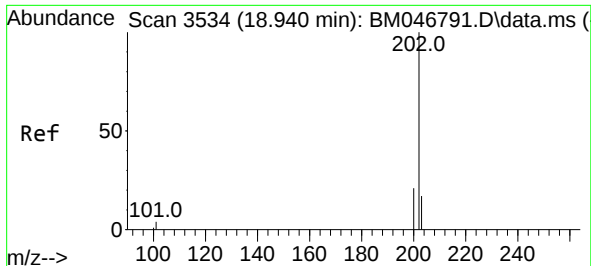
Tgt Ion:178 Resp: 52722
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.4 16.1 24.1



#16
Anthracene
Concen: 2.327 ng/ul
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:178 Resp: 65479
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 18.1 15.0 22.6

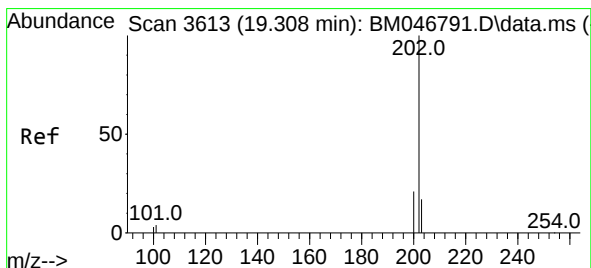
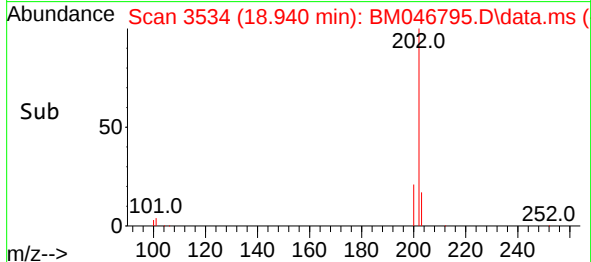
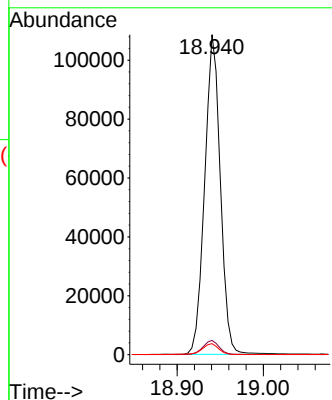
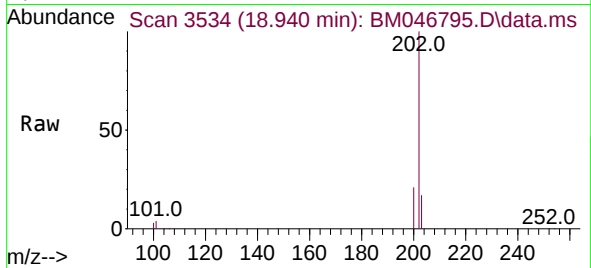




#19
Fluoranthene
Concen: 4.795 ng/ul
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

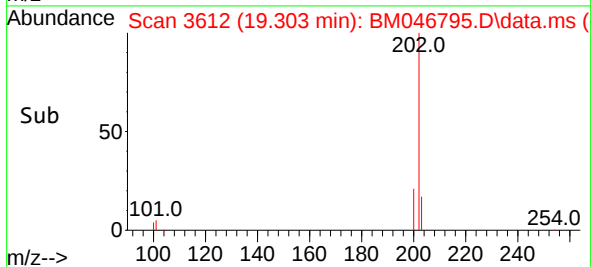
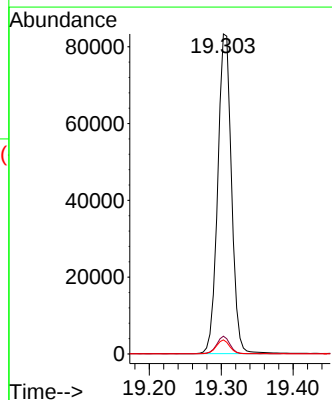
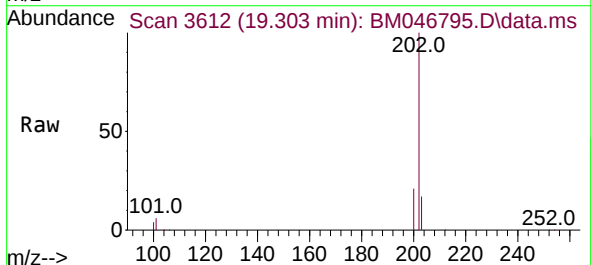
Instrument :
BNA_M
ClientSampleId :
XB507

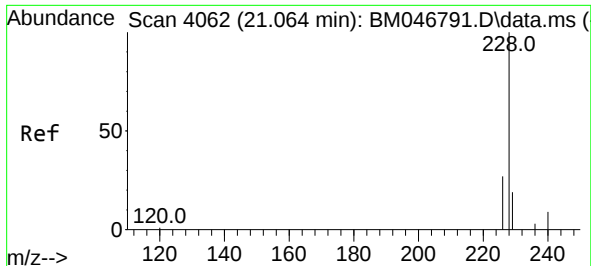
Tgt Ion:202 Resp: 137369
Ion Ratio Lower Upper
202 100
101 4.4 4.7 7.1#
100 3.5 3.4 5.2



#20
Pyrene
Concen: 3.732 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

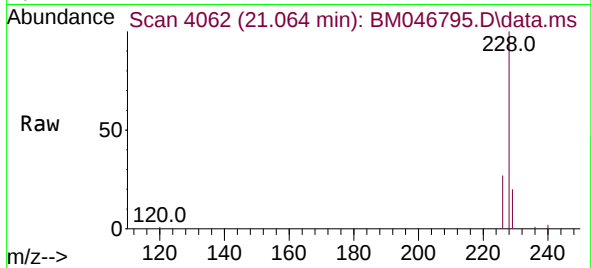
Tgt Ion:202 Resp: 110583
Ion Ratio Lower Upper
202 100
101 5.5 5.2 7.8
100 4.4 4.3 6.5



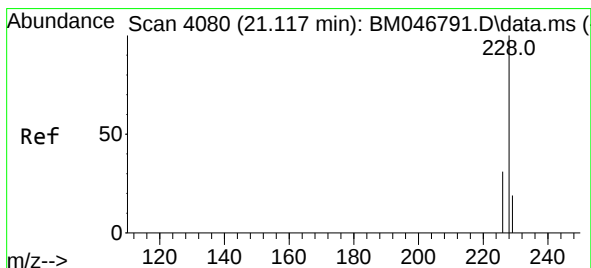
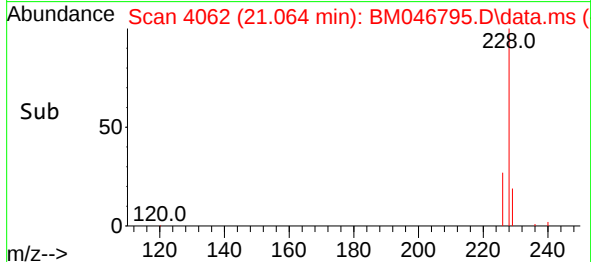
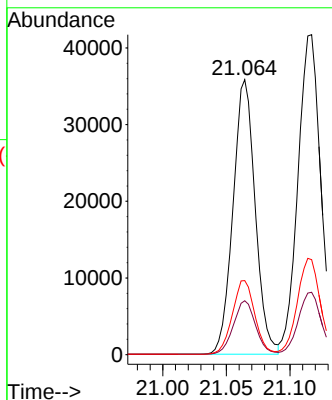


#21
Benzo(a)anthracene
Concen: 1.598 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Instrument :
BNA_M
ClientSampleId :
XB507

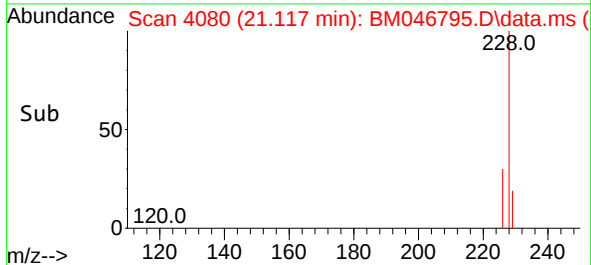
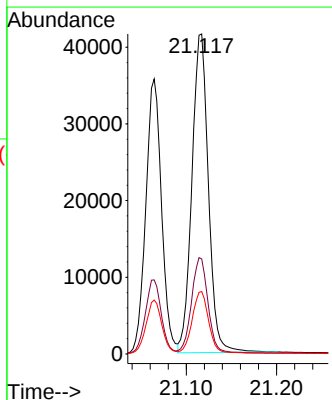
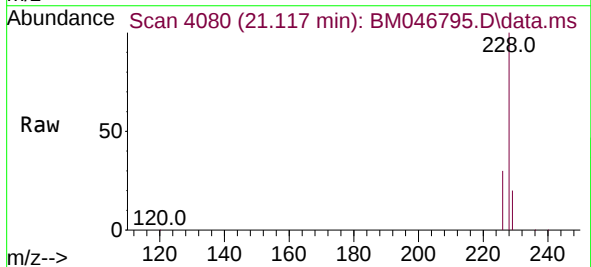


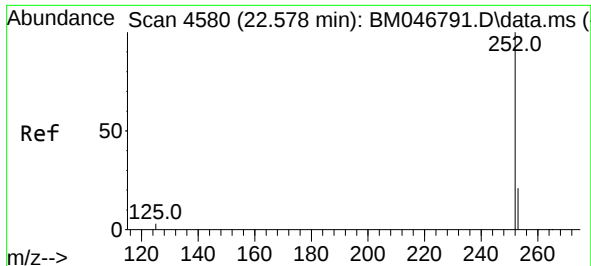
Tgt Ion:228 Resp: 43440
Ion Ratio Lower Upper
228 100
229 19.6 16.3 24.5
226 26.9 22.3 33.5



#22
Chrysene
Concen: 1.906 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:228 Resp: 52633
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 19.5 16.2 24.2

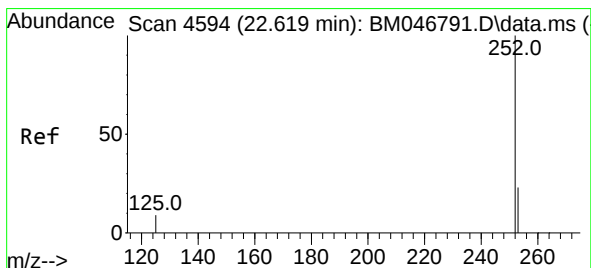
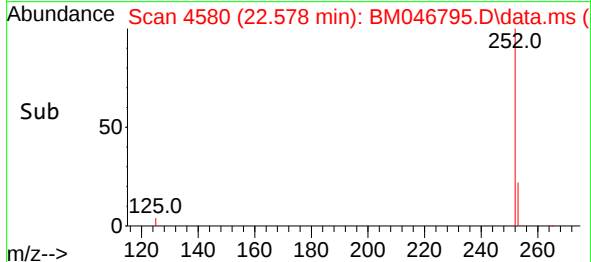
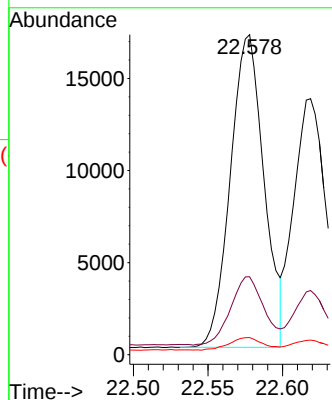
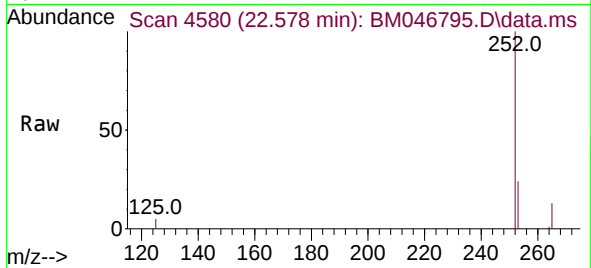




#24
Benzo(b)fluoranthene
Concen: 1.018 ng/ul
RT: 22.578 min Scan# 4580
Delta R.T. -0.002 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

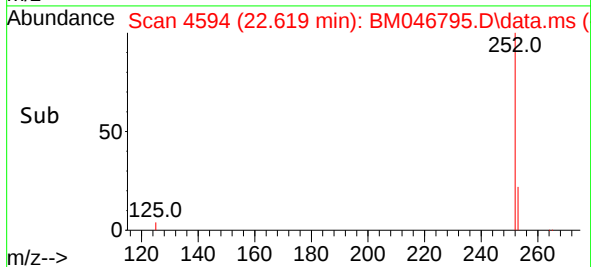
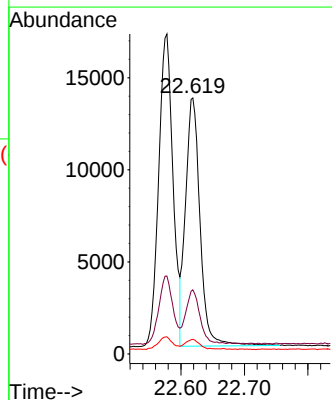
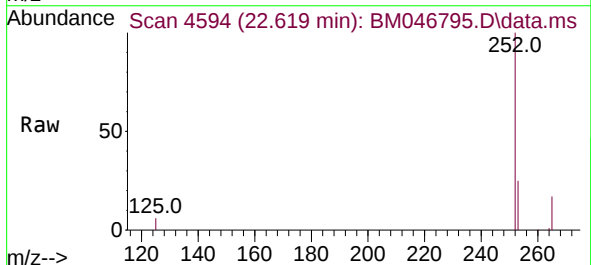
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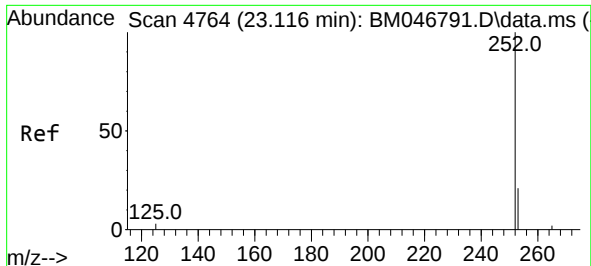
Tgt Ion:252 Resp: 26583
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.4
125 5.4 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.816 ng/ul
RT: 22.619 min Scan# 4594
Delta R.T. -0.002 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:252 Resp: 21466
Ion Ratio Lower Upper
252 100
253 25.1 23.5 35.3
125 5.7 8.6 13.0#

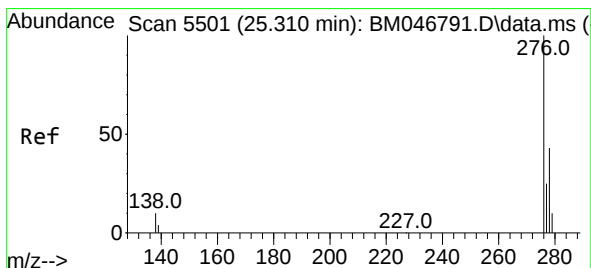
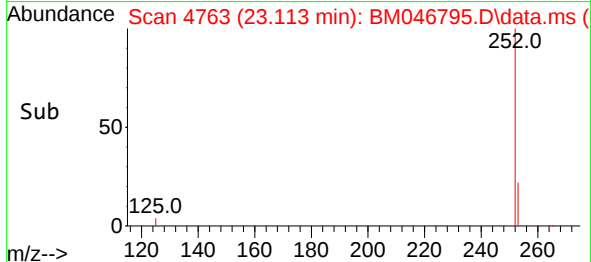
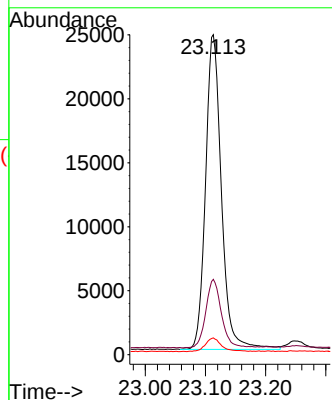
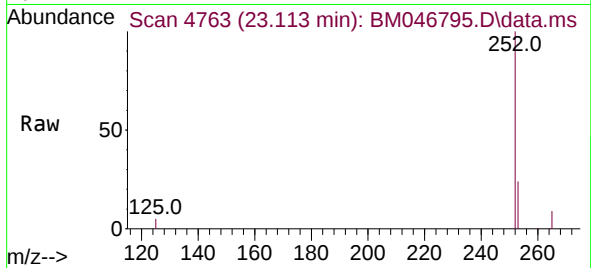




#26
Benzo(a)pyrene
Concen: 2.404 ng/ul
RT: 23.113 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

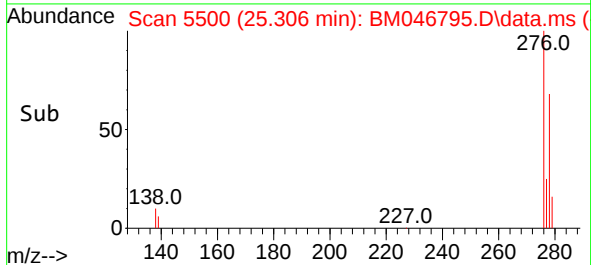
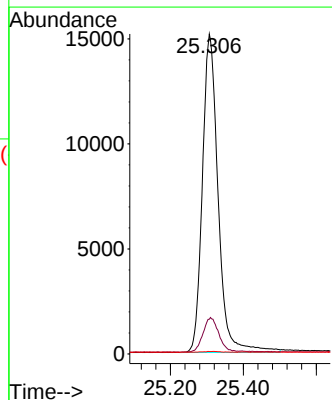
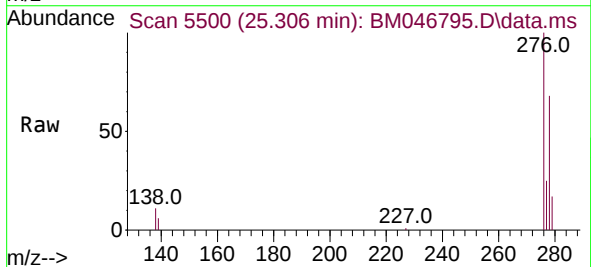
Instrument :
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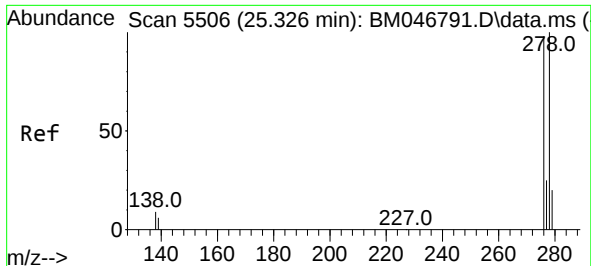
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Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 5.3 7.8 11.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.574 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:276 Resp: 45403
Ion Ratio Lower Upper
276 100
138 11.1 9.7 14.5
227 0.2 0.2 0.2

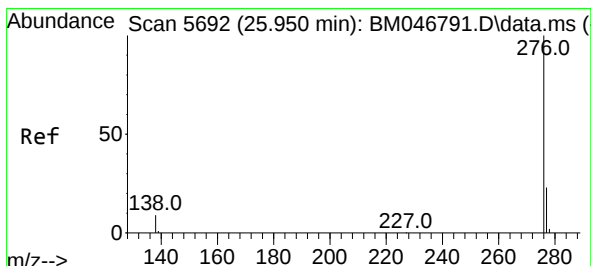
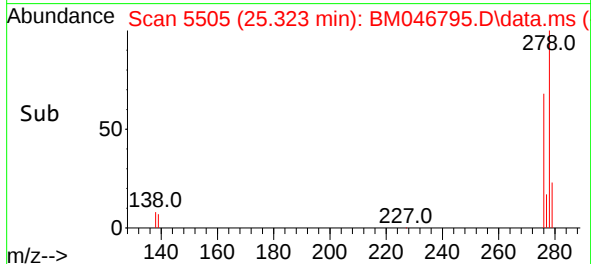
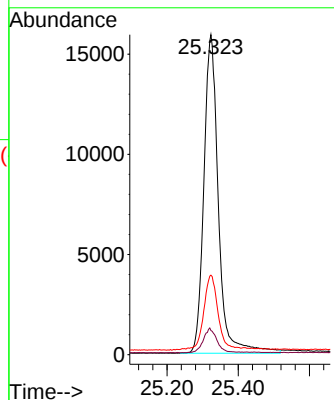
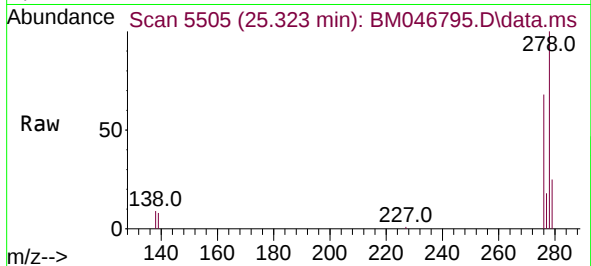




#28
Dibenzo(a,h)anthracene
Concen: 2.133 ng/ul
RT: 25.323 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Instrument :
BNA_M
ClientSampleId :
XB507

Tgt Ion:278 Resp: 45053
Ion Ratio Lower Upper
278 100
139 7.5 9.8 14.8#
279 24.9 25.2 37.8#



#29
Benzo(g,h,i)perylene
Concen: 3.100 ng/ul
RT: 25.944 min Scan# 5690
Delta R.T. -0.010 min
Lab File: BM046795.D
Acq: 25 Jul 2024 12:16

Tgt Ion:276 Resp: 78769
Ion Ratio Lower Upper
276 100
138 9.6 9.5 14.3
277 23.7 20.9 31.3

