

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046794.D
 Acq On : 25 Jul 2024 11:40
 Operator : MA/JU
 Sample : P3263-25DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DQ6DL

Quant Time: Jul 25 12:11:52 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)

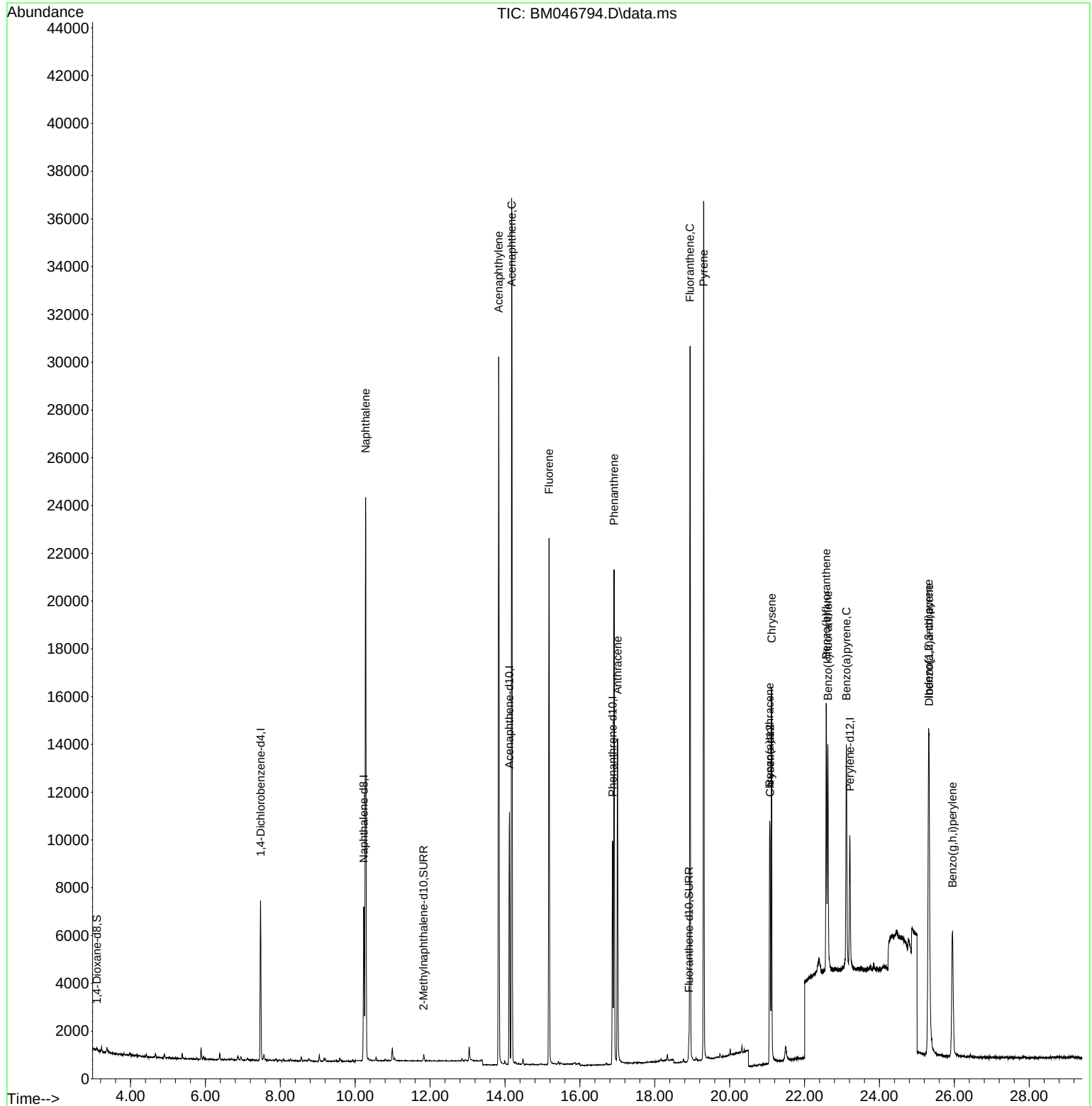
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	3341	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	8951	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	5713	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	12110	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	7267	0.400	ng/ul	0.00
23) Perylene-d12	23.209	264	6943	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	143	0.061	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	361	0.025	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	879	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.277	128	31257	1.381	ng/ul	97
10) Acenaphthylene	13.831	152	33249	1.271	ng/ul	98
11) Acenaphthene	14.178	153	20761	1.169	ng/ul	99
12) Fluorene	15.178	166	13801	0.622	ng/ul	97
15) Phenanthrene	16.913	178	21977	0.631	ng/ul	98
16) Anthracene	17.006	178	14795	0.457	ng/ul	100
19) Fluoranthene	18.942	202	27694	0.868	ng/ul	99
20) Pyrene	19.309	202	33023	1.000	ng/ul	97
21) Benzo(a)anthracene	21.067	228	7202	0.238	ng/ul	99
22) Chrysene	21.119	228	13063	0.425	ng/ul	99
24) Benzo(b)fluoranthene	22.580	252	13906	0.456	ng/ul	98
25) Benzo(k)fluoranthene	22.621	252	12303	0.401	ng/ul	98
26) Benzo(a)pyrene	23.115	252	13989	0.639	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.313	276	20052	0.595	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.326	278	12354	0.501	ng/ul	99
29) Benzo(g,h,i)perylene	25.950	276	11593	0.391	ng/ul	98

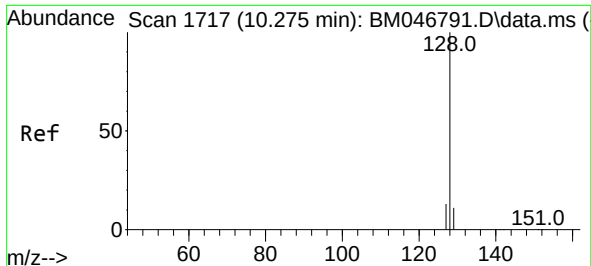
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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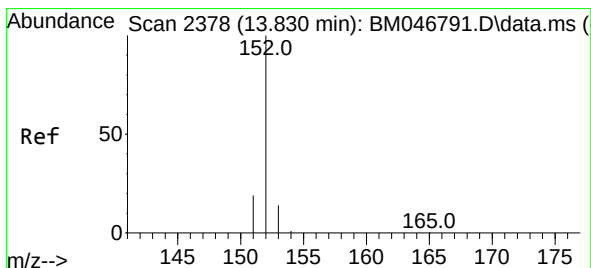
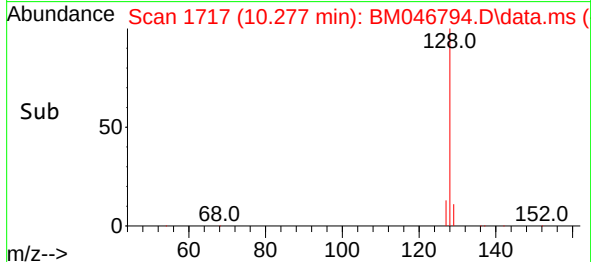
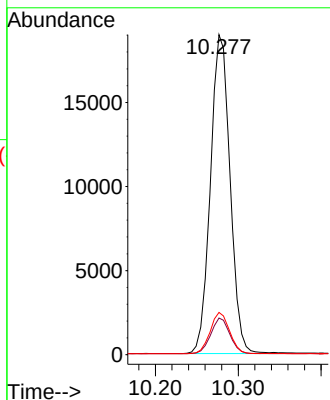
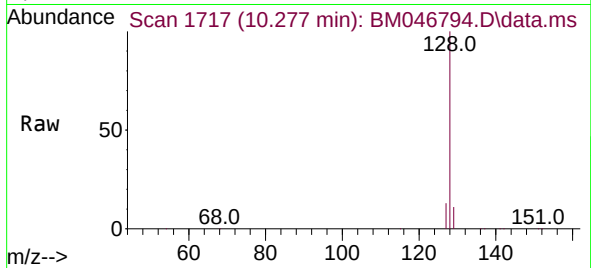




#5
Naphthalene
Concen: 1.381 ng/ul
RT: 10.277 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

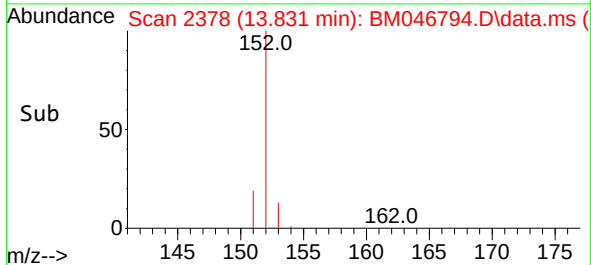
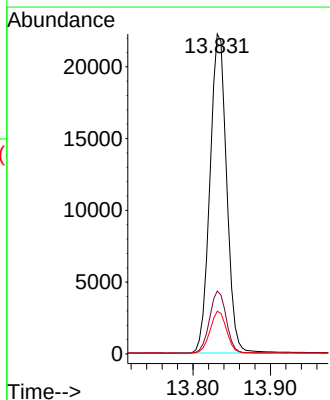
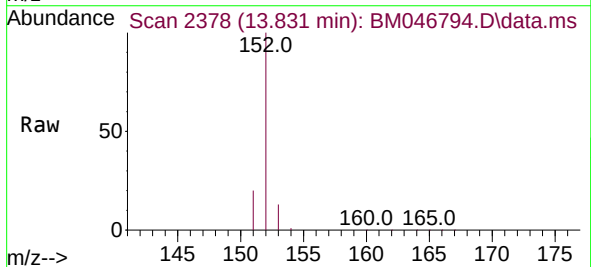
Instrument :
BNA_M
ClientSampleId :
A4DQ6DL

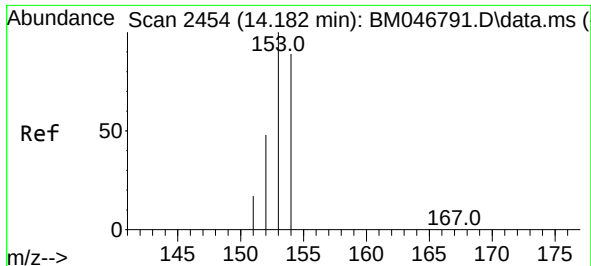
Tgt Ion:128 Resp: 31257
Ion Ratio Lower Upper
128 100
129 11.4 10.1 15.1
127 13.2 11.5 17.3



#10
Acenaphthylene
Concen: 1.271 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion:152 Resp: 33249
Ion Ratio Lower Upper
152 100
151 19.7 16.8 25.2
153 13.4 11.0 16.6

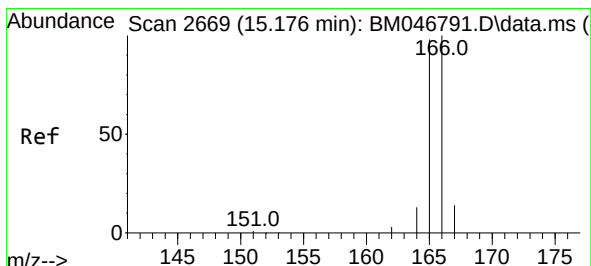
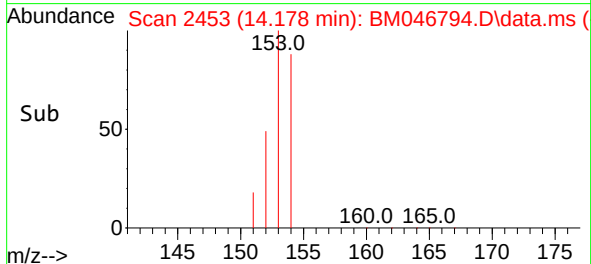
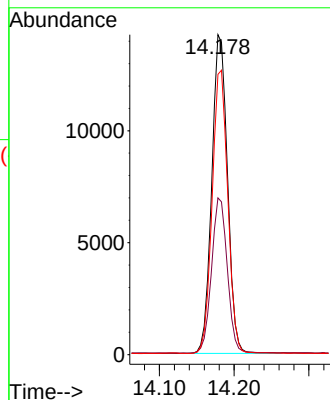
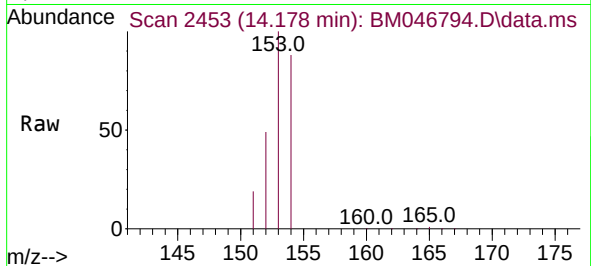




#11
Acenaphthene
Concen: 1.169 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

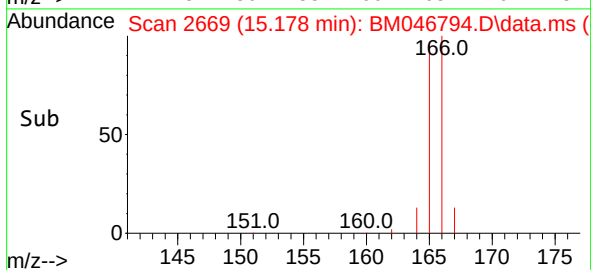
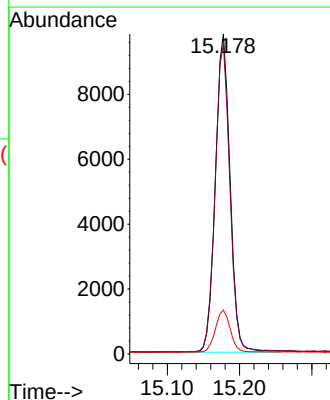
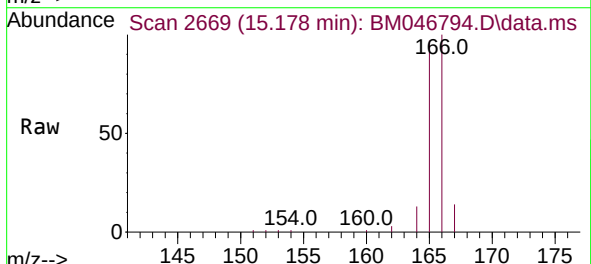
Instrument :
BNA_M
ClientSampleId :
A4DQ6DL

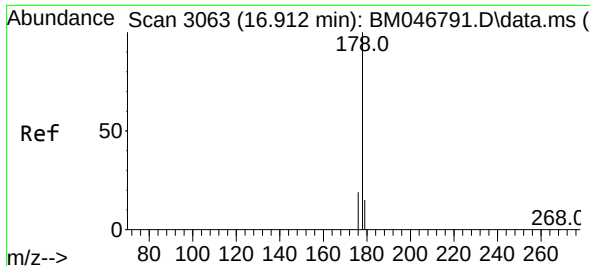
Tgt Ion	153	152	154
Resp:	20761		
Ion Ratio	100	49.0	87.6
Lower		38.6	70.8
Upper		57.8	106.2



#12
Fluorene
Concen: 0.622 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion	166	165	167
Resp:	13801		
Ion Ratio	100	96.9	13.7
Lower		79.8	12.3
Upper		119.6	18.5

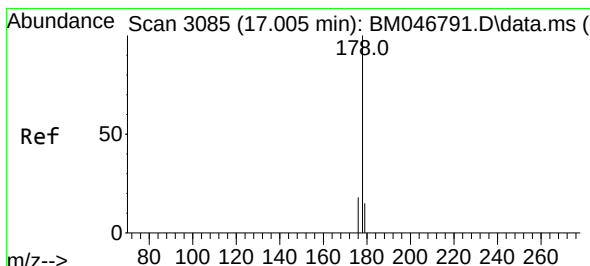
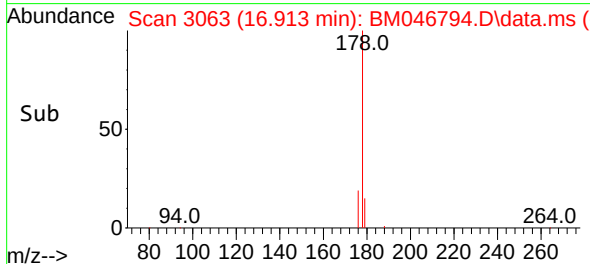
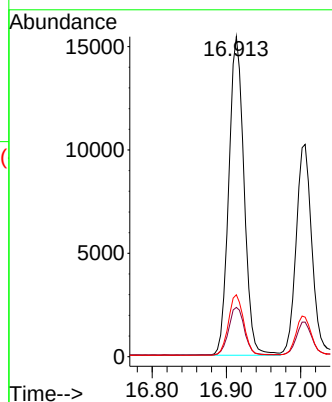
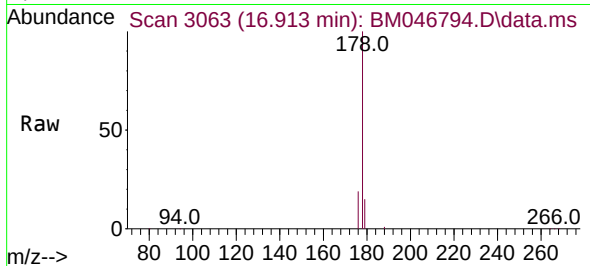




#15
Phenanthrene
Concen: 0.631 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

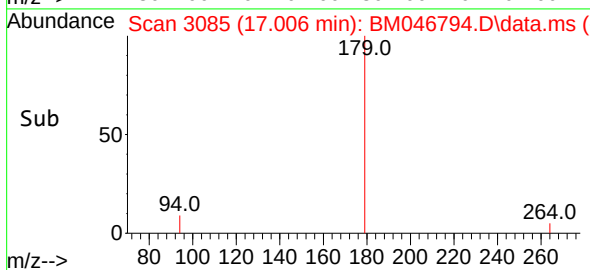
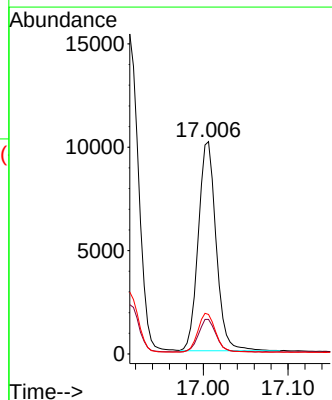
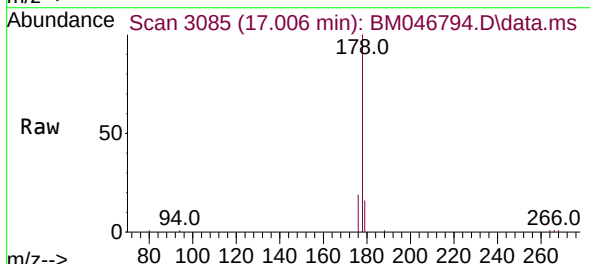
Instrument :
BNA_M
ClientSampleId :
A4DQ6DL

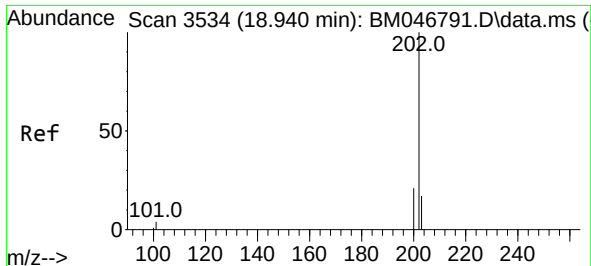
Tgt Ion:178	Resp:	21977
Ion Ratio	Lower	Upper
178	100	
179	15.4	13.4 20.2
176	19.3	16.1 24.1



#16
Anthracene
Concen: 0.457 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion:178	Resp:	14795
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.1 19.7
176	18.7	15.0 22.6

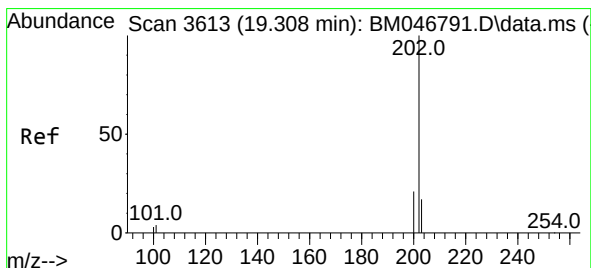
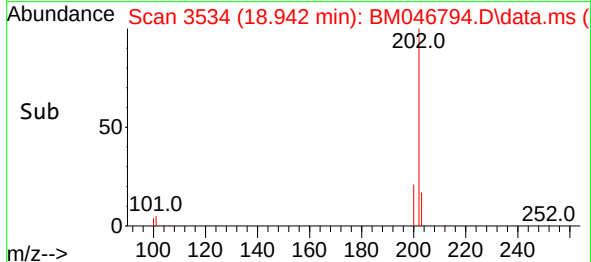
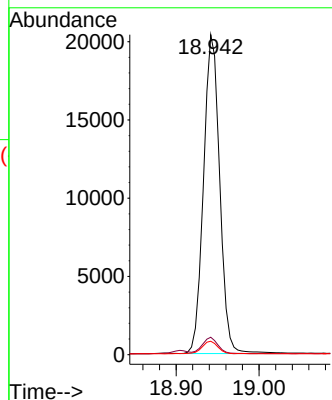
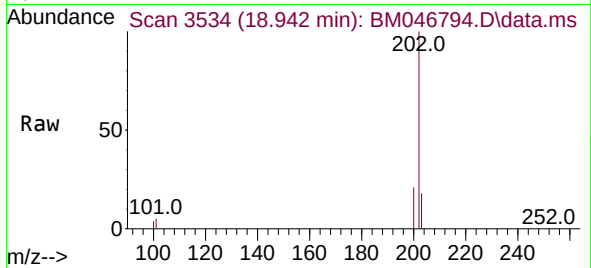




#19
Fluoranthene
Concen: 0.868 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

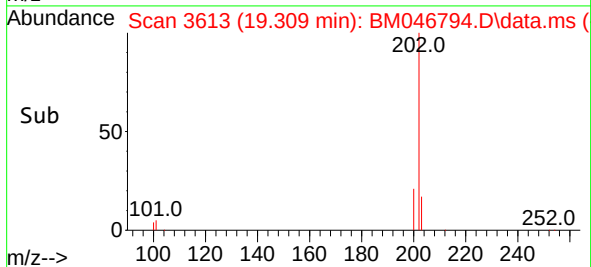
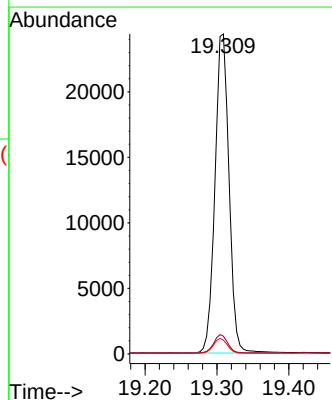
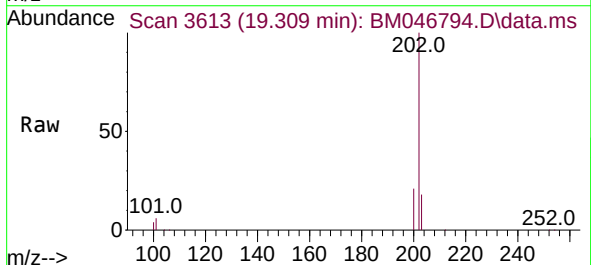
Instrument :
BNA_M
ClientSampleId :
A4DQ6DL

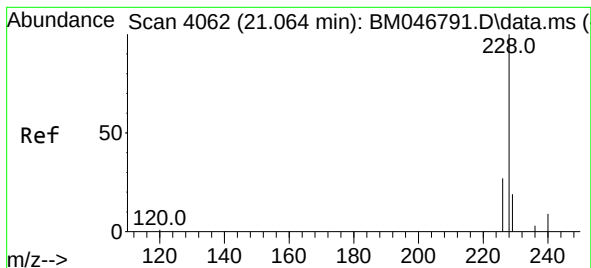
Tgt Ion:202 Resp: 27694
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.2 3.4 5.2



#20
Pyrene
Concen: 1.000 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion:202 Resp: 33023
Ion Ratio Lower Upper
202 100
101 5.6 5.2 7.8
100 4.3 4.3 6.5





#21

Benzo(a)anthracene

Concen: 0.238 ng/ul

RT: 21.067 min Scan# 4062

Delta R.T. 0.003 min

Lab File: BM046794.D

Acq: 25 Jul 2024 11:40

Instrument :

BNA_M

ClientSampleId :

A4DQ6DL

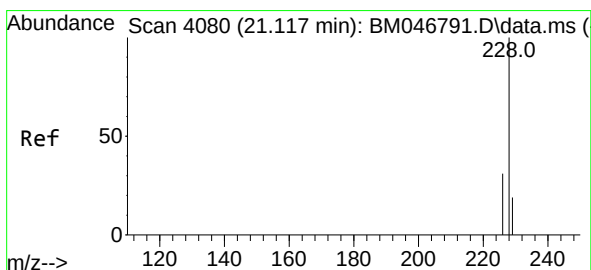
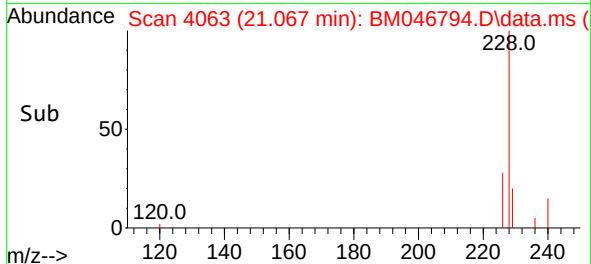
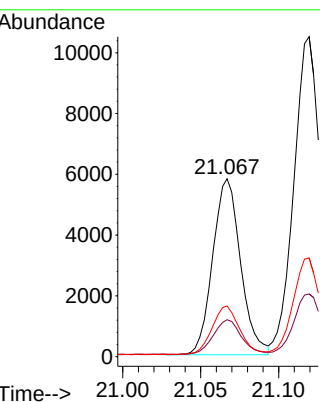
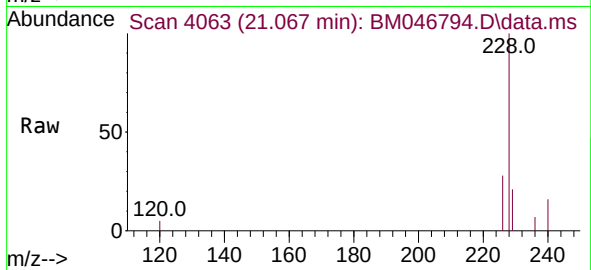
Tgt Ion:228 Resp: 7202

Ion Ratio Lower Upper

228 100

229 20.7 16.3 24.5

226 28.5 22.3 33.5



#22

Chrysene

Concen: 0.425 ng/ul

RT: 21.119 min Scan# 4081

Delta R.T. 0.003 min

Lab File: BM046794.D

Acq: 25 Jul 2024 11:40

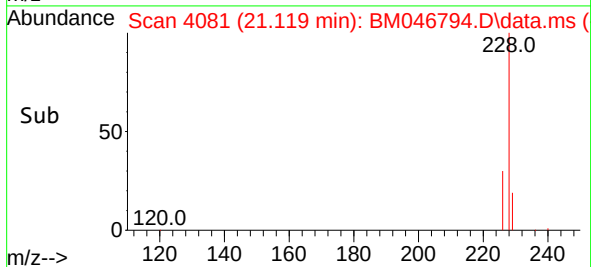
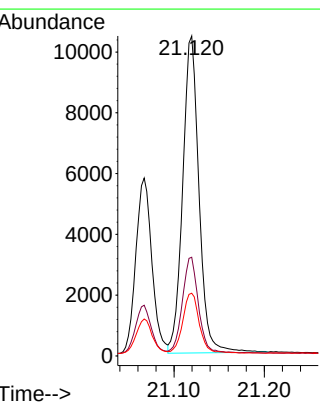
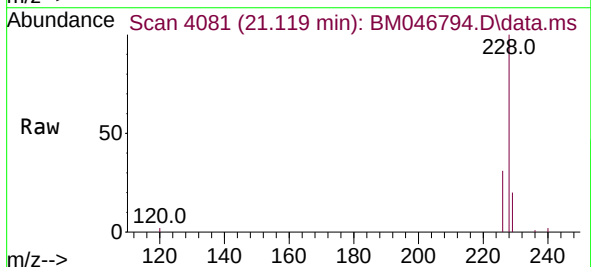
Tgt Ion:228 Resp: 13063

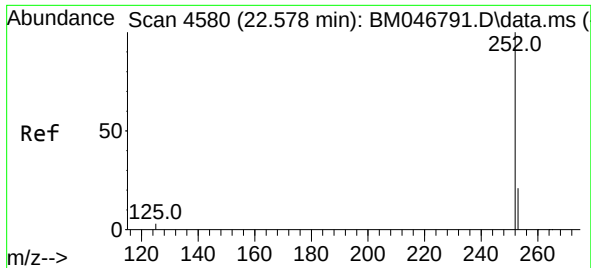
Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.6 16.2 24.2

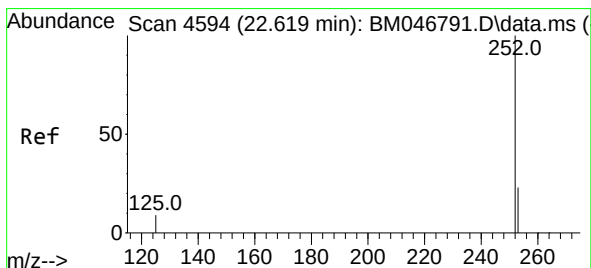
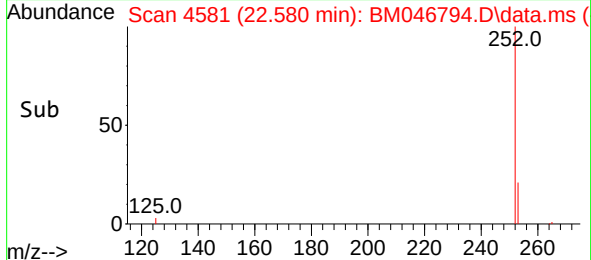
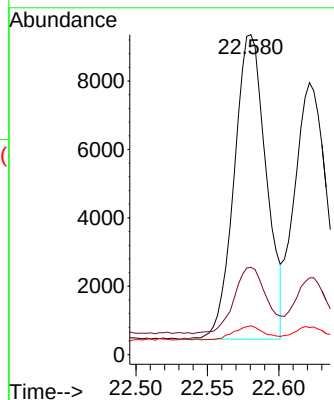
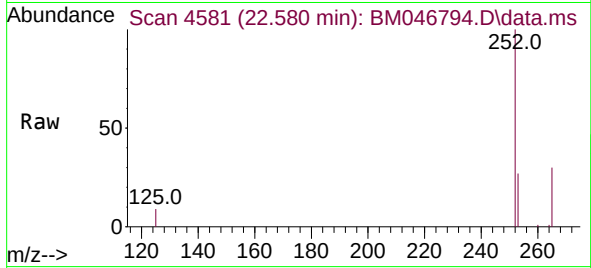




#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 22.580 min Scan# 4580
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

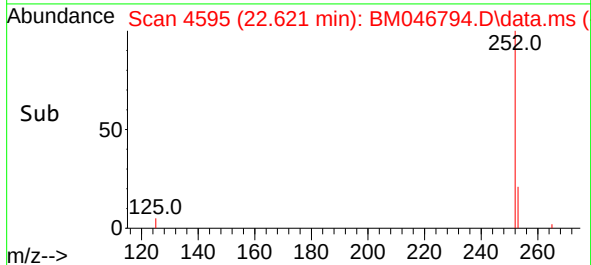
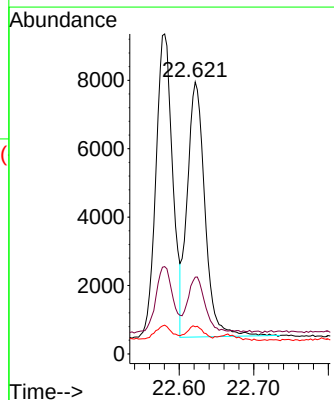
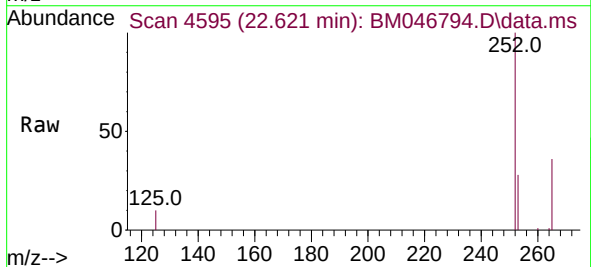
Instrument :
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A4DQ6DL

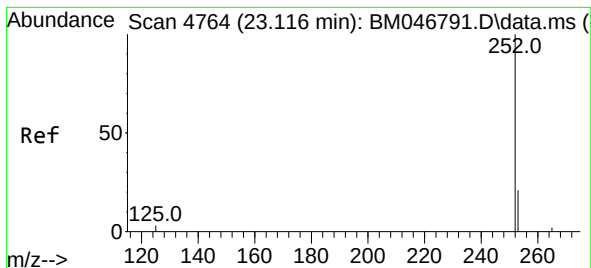
Tgt Ion:252 Resp: 13906
Ion Ratio Lower Upper
252 100
253 27.3 0.0 56.4
125 9.0 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion:252 Resp: 12303
Ion Ratio Lower Upper
252 100
253 28.2 23.5 35.3
125 10.0 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.639 ng/ul

RT: 23.115 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046794.D

Acq: 25 Jul 2024 11:40

Instrument :

BNA_M

ClientSampleId :

A4DQ6DL

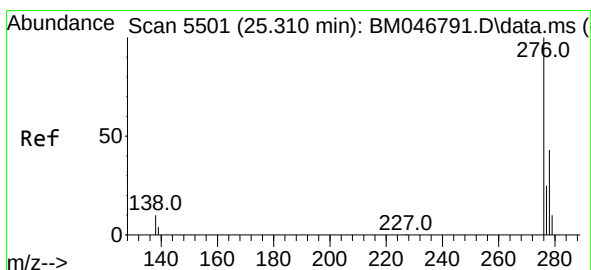
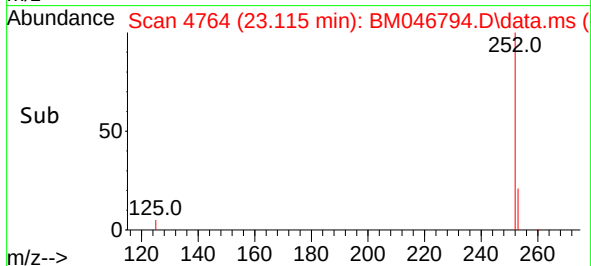
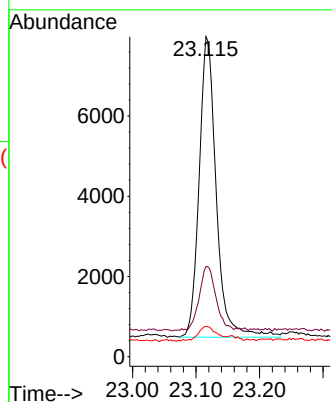
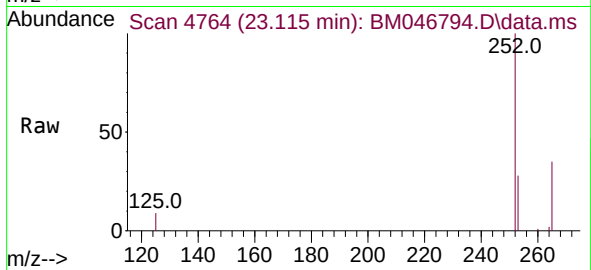
Tgt Ion:252 Resp: 13989

Ion Ratio Lower Upper

252 100

253 28.1 26.0 39.0

125 9.5 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.595 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046794.D

Acq: 25 Jul 2024 11:40

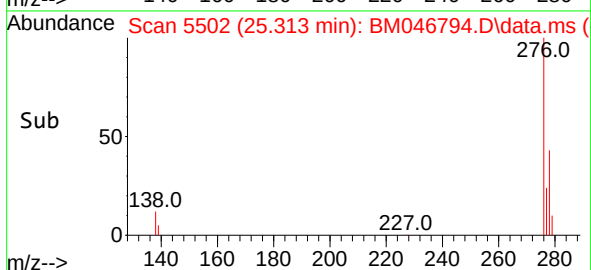
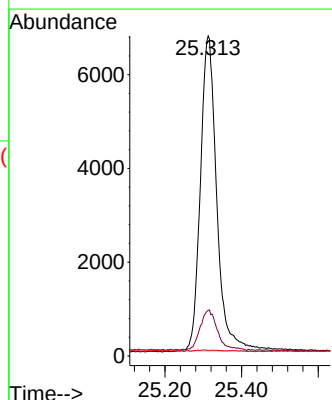
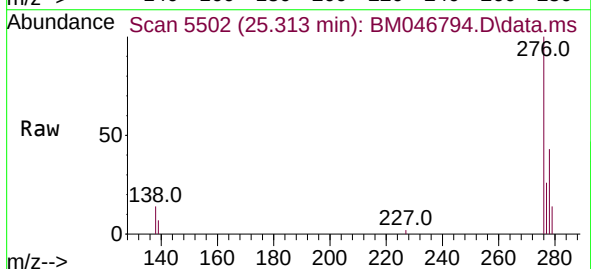
Tgt Ion:276 Resp: 20052

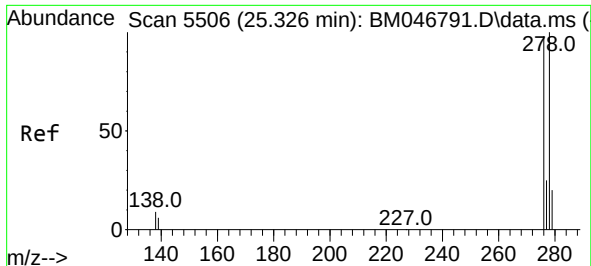
Ion Ratio Lower Upper

276 100

138 13.7 9.7 14.5

227 0.0 0.2 0.2#

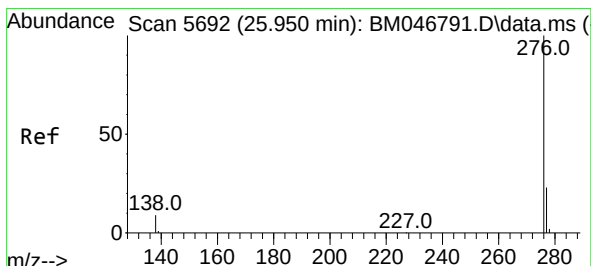
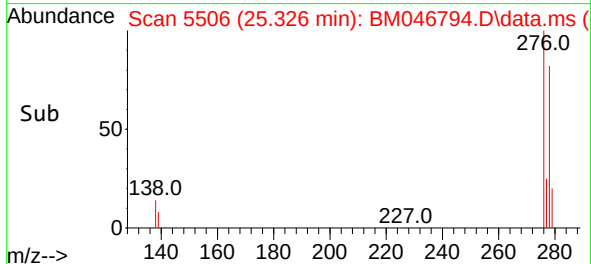
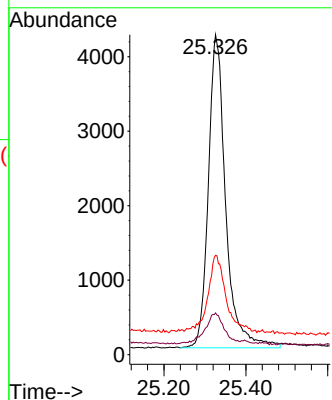
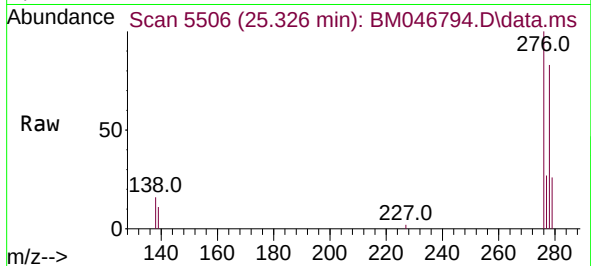




#28
Dibenzo(a,h)anthracene
Concen: 0.501 ng/ul
RT: 25.326 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Instrument :
BNA_M
ClientSampleId :
A4DQ6DL

Tgt Ion:278 Resp: 12354
Ion Ratio Lower Upper
278 100
139 13.0 9.8 14.8
279 31.0 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046794.D
Acq: 25 Jul 2024 11:40

Tgt Ion:276 Resp: 11593
Ion Ratio Lower Upper
276 100
138 12.2 9.5 14.3
277 24.8 20.9 31.3

