

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046807.D
 Acq On : 25 Jul 2024 19:37
 Operator : MA/JU
 Sample : P3263-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA5

Quant Time: Jul 26 00:30:10 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)

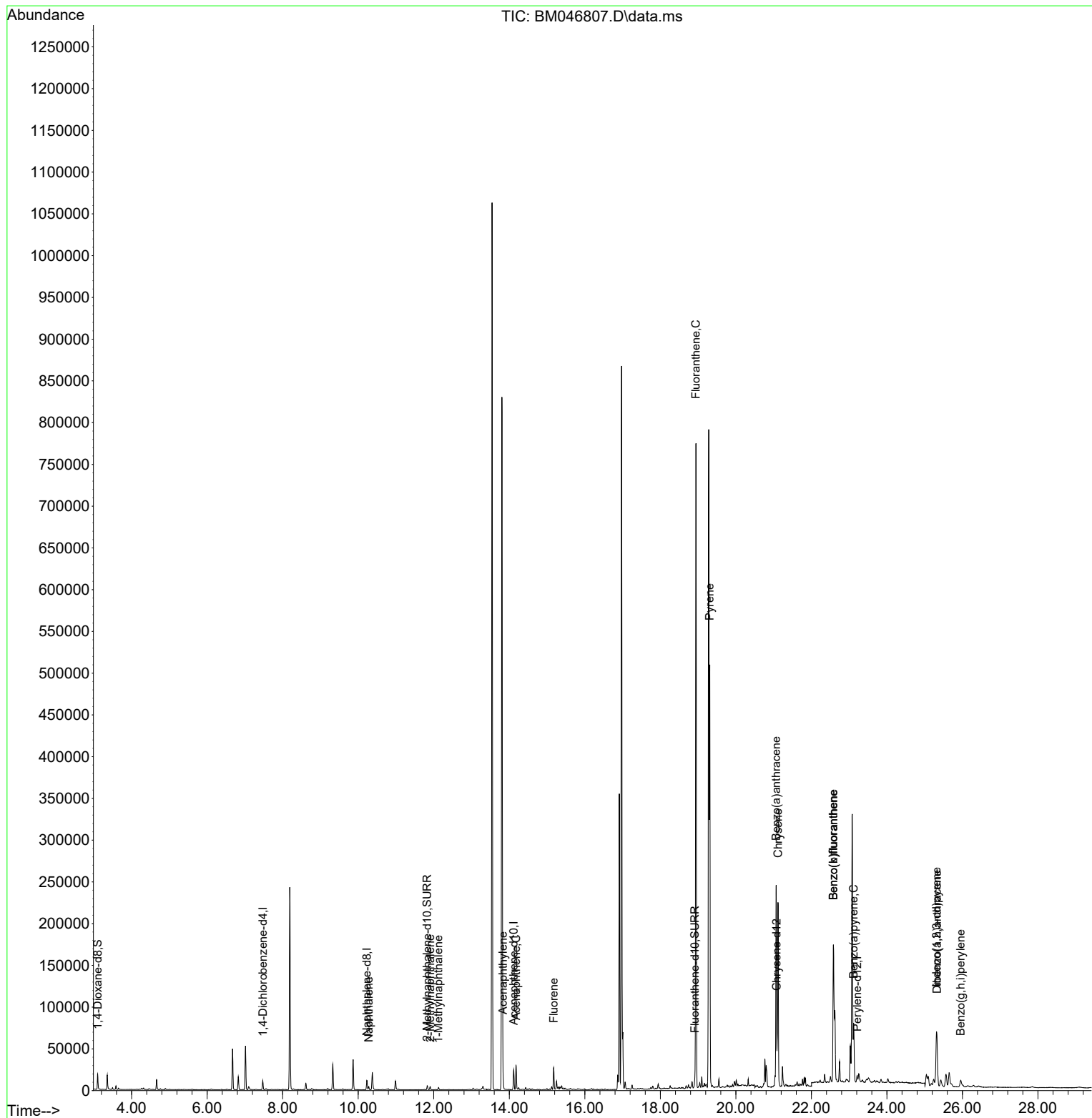
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	5160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	15168	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	12667	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.87
17) Chrysene-d12	21.082	240	8958	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	9046	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	11730	3.247	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	6164	0.256	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	11794	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.277	128	4935	0.129	ng/ul	99
7) 2-Methylnaphthalene	11.904	142	2483	0.094	ng/ul	99
8) 1-Methylnaphthalene	12.124	142	1863	0.068	ng/ul	98
10) Acenaphthylene	13.831	152	17218	0.297	ng/ul	99
11) Acenaphthene	14.178	153	16808	0.427	ng/ul	99
12) Fluorene	15.178	166	16356	0.332	ng/ul	98
19) Fluoranthene	18.942	202	684567	17.400	ng/ul	100
20) Pyrene	19.309	202	427695	10.509	ng/ul	99
21) Benzo(a)anthracene	21.067	228	199159	5.335	ng/ul	98
22) Chrysene	21.117	228	209403	5.522	ng/ul	98
24) Benzo(b)fluoranthene	22.583	252	359515	9.052	ng/ul	92
25) Benzo(k)fluoranthene	22.583	252	359515	8.983	ng/ul#	89
26) Benzo(a)pyrene	23.118	252	94148	3.302	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.313	276	102884	2.345	ng/ul	98
28) Dibenzo(a,h)anthracene	25.326	278	32663	1.017	ng/ul#	97
29) Benzo(g,h,i)perylene	25.953	276	17227	0.446	ng/ul#	86

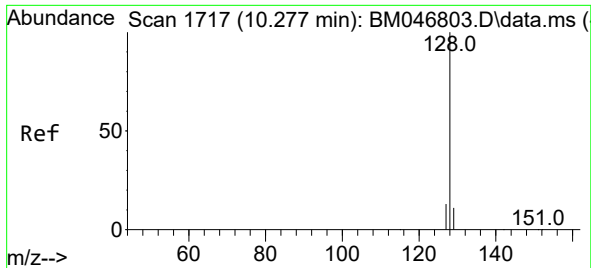
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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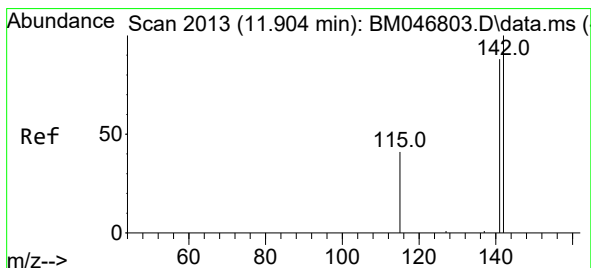
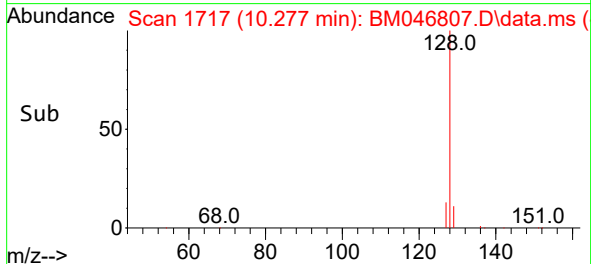
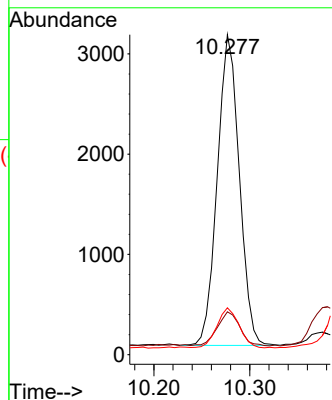
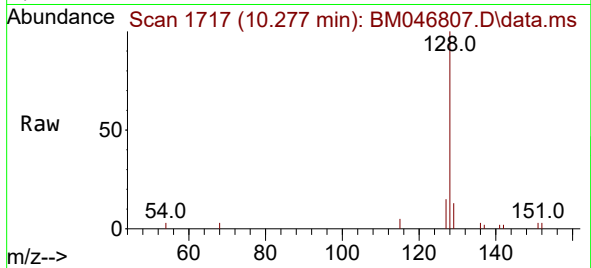




#5
Naphthalene
Concen: 0.129 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

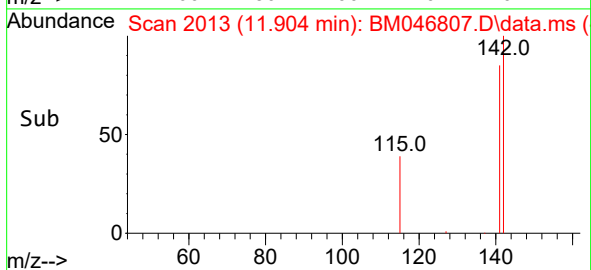
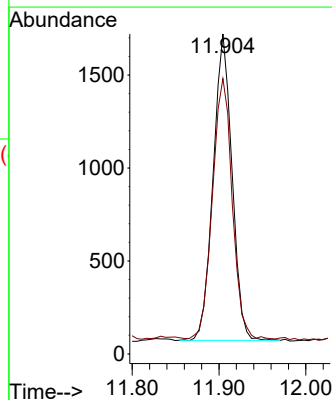
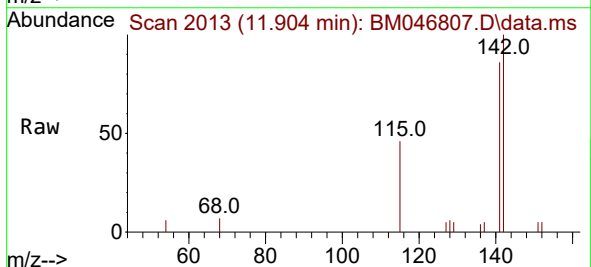
Instrument :
BNA_M
ClientSampleId :
A4BA5

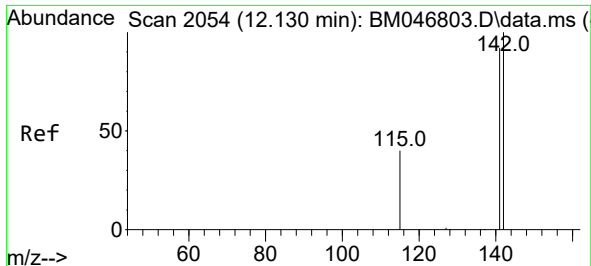
Tgt Ion:128 Resp: 4935
Ion Ratio Lower Upper
128 100
129 13.4 10.1 15.1
127 14.6 11.5 17.3



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

Tgt Ion:142 Resp: 2483
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7

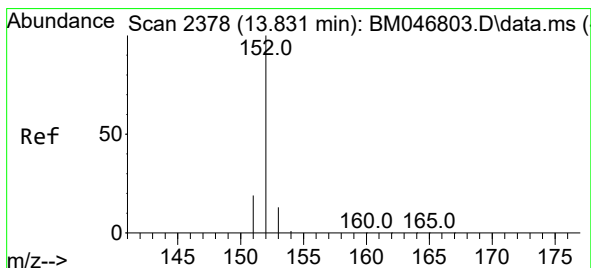
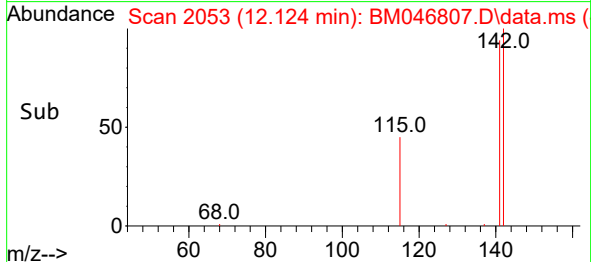
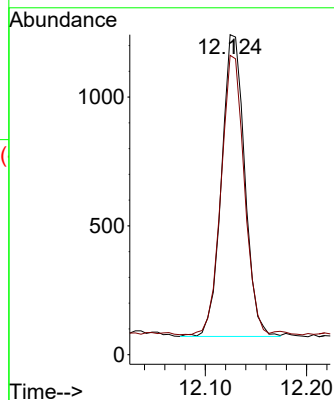
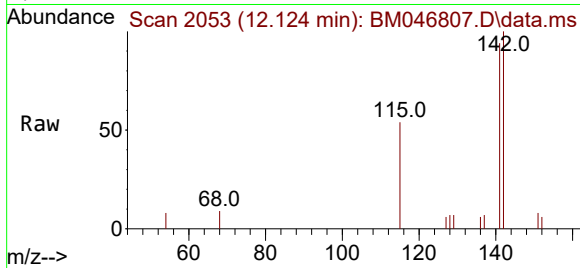




#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.124 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

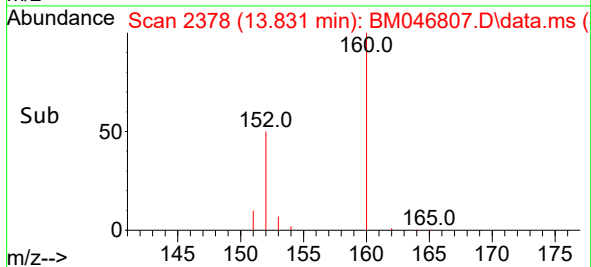
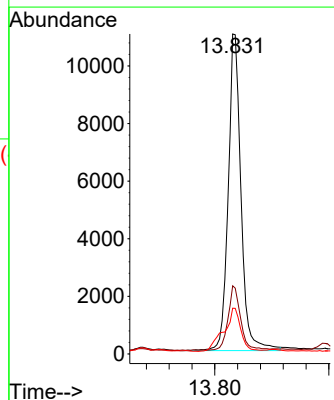
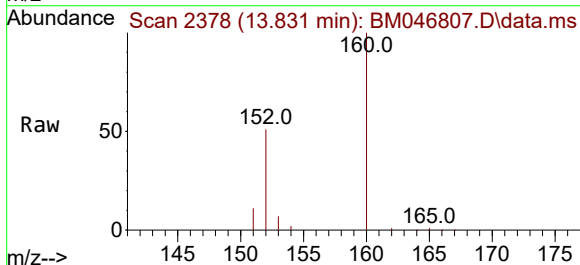
Instrument :
BNA_M
ClientSampleId :
A4BA5

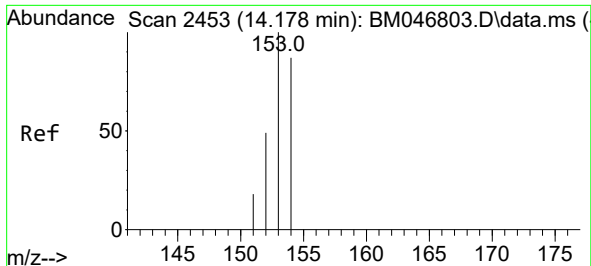
Tgt Ion:142 Resp: 1863
Ion Ratio Lower Upper
142 100
141 93.4 73.1 109.7



#10
Acenaphthylene
Concen: 0.297 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

Tgt Ion:152 Resp: 17218
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.3 11.0 16.6

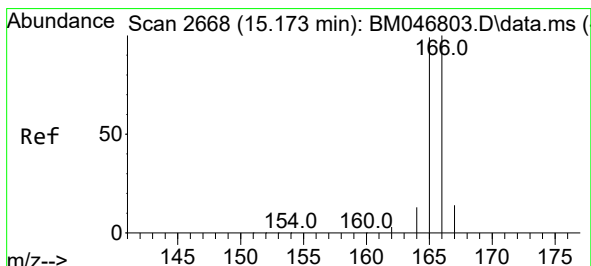
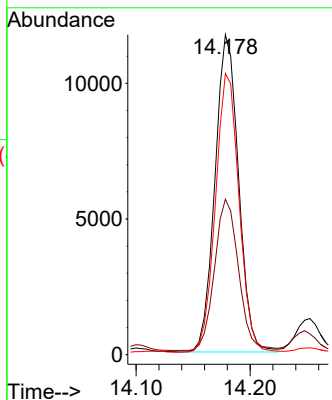
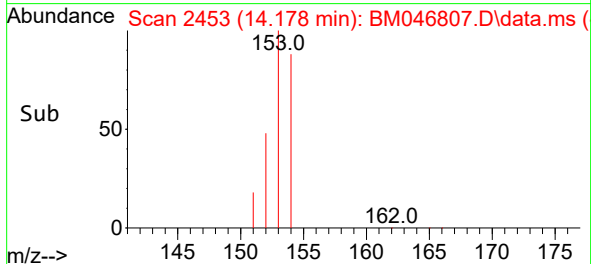
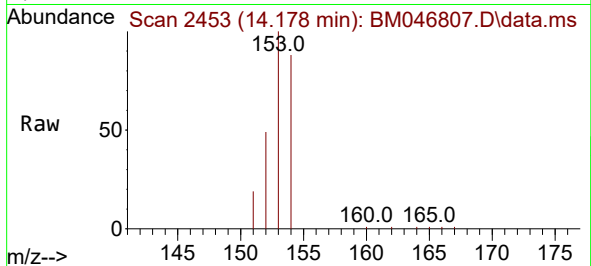




#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

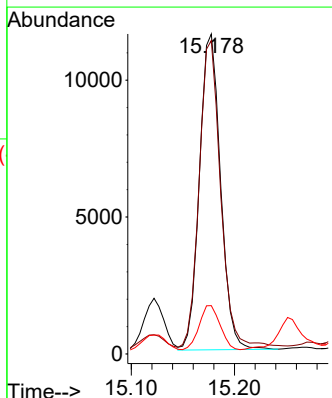
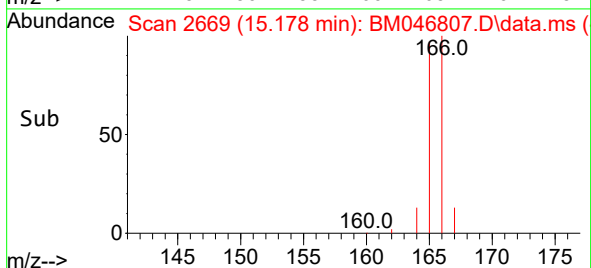
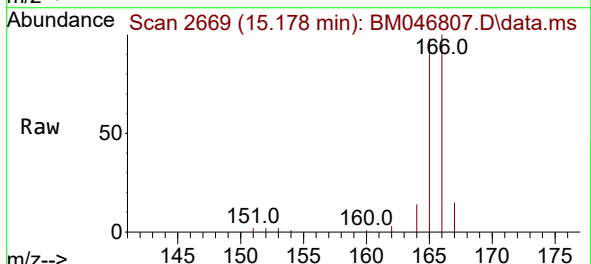
Instrument :
BNA_M
ClientSampleId :
A4BA5

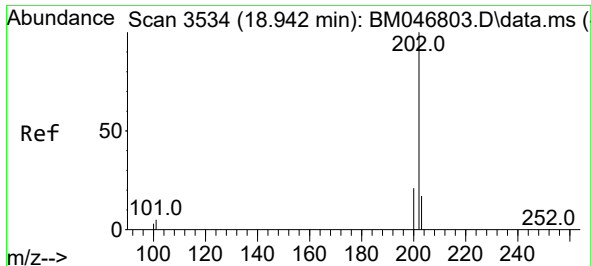
Tgt Ion:153 Resp: 16808
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 87.9 70.8 106.2



#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

Tgt Ion:166 Resp: 16356
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 15.1 12.3 18.5

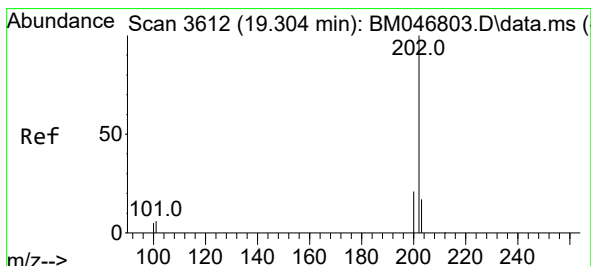
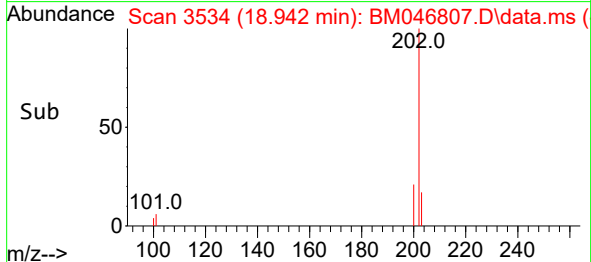
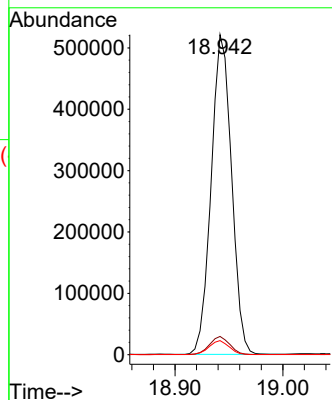
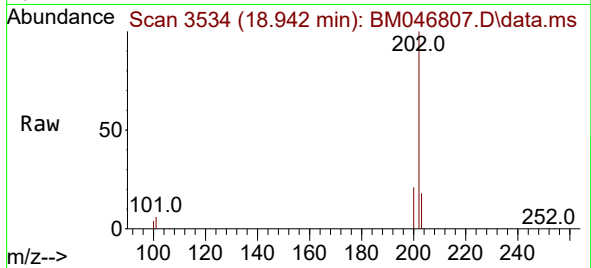




#19
Fluoranthene
Concen: 17.400 ng/u1
RT: 18.942 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

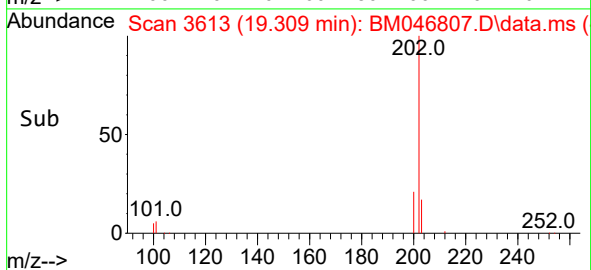
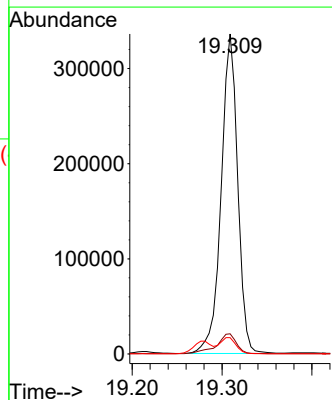
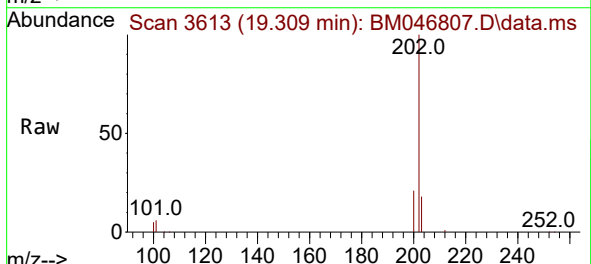
Instrument :
BNA_M
ClientSampleId :
A4BA5

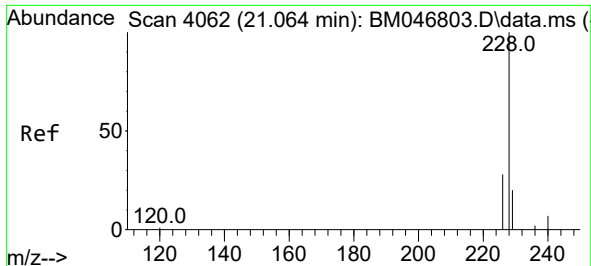
Tgt Ion:202 Resp: 684567
Ion Ratio Lower Upper
202 100
101 5.7 4.7 7.1
100 4.4 3.4 5.2



#20
Pyrene
Concen: 10.509 ng/u1
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

Tgt Ion:202 Resp: 427695
Ion Ratio Lower Upper
202 100
101 6.3 5.2 7.8
100 5.1 4.3 6.5

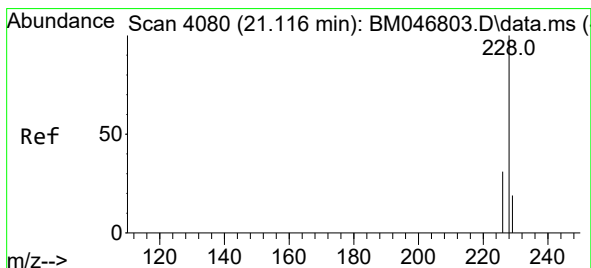
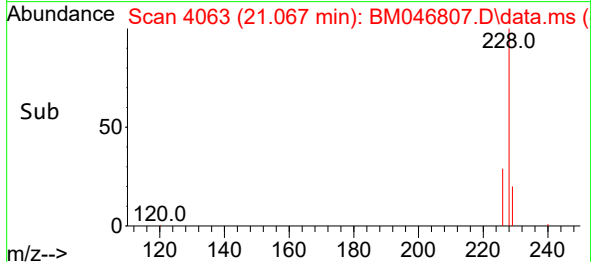
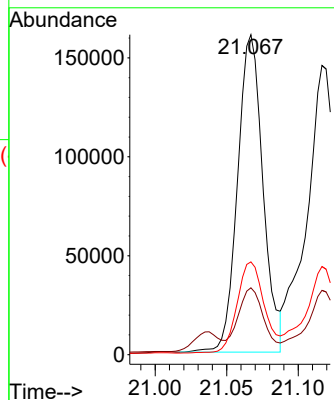
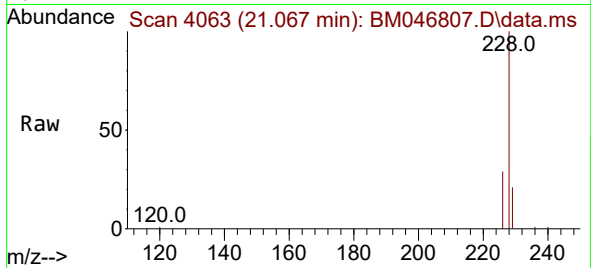




#21
Benzo(a)anthracene
Concen: 5.335 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

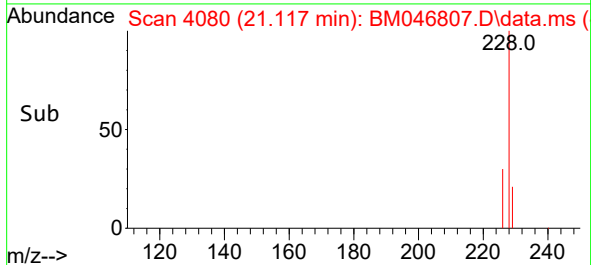
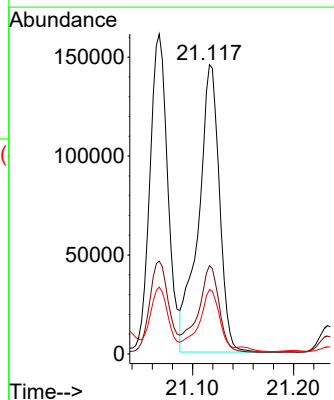
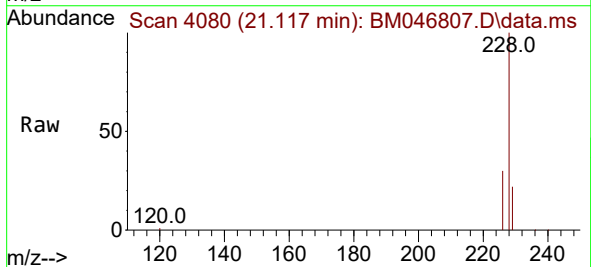
Instrument :
BNA_M
ClientSampleId :
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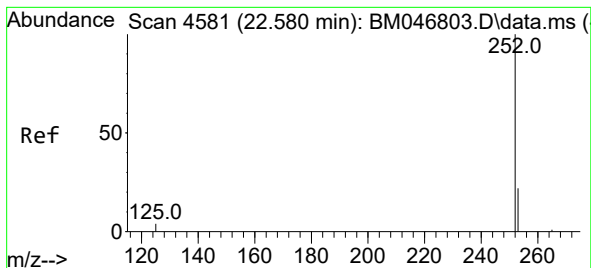
Tgt Ion:228 Resp: 199159
Ion Ratio Lower Upper
228 100
229 20.9 16.3 24.5
226 29.0 22.3 33.5



#22
Chrysene
Concen: 5.522 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046807.D
Acq: 25 Jul 2024 19:37

Tgt Ion:228 Resp: 209403
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 22.3 16.2 24.2





#24

Benzo(b)fluoranthene

Concen: 9.052 ng/ul

RT: 22.583 min Scan# 4

Delta R.T. 0.003 min

Lab File: BM046807.D

Acq: 25 Jul 2024 19:37

Instrument :

BNA_M

ClientSampleId :

A4BA5

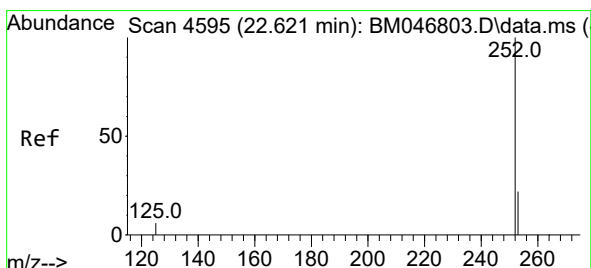
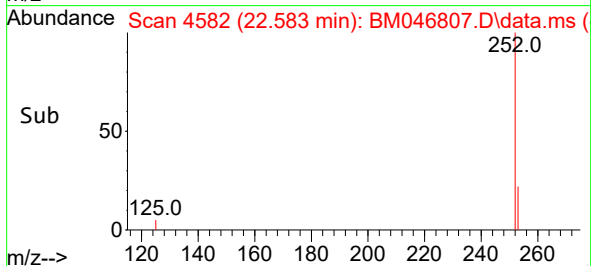
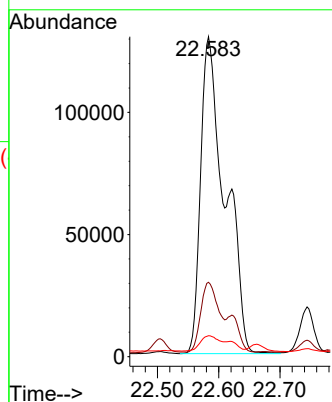
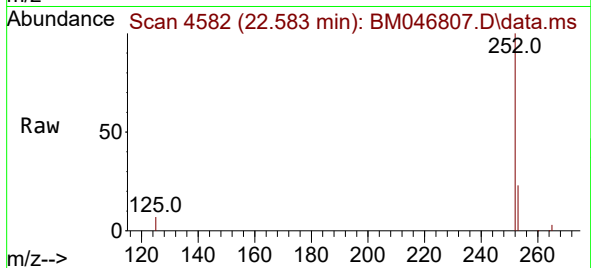
Tgt Ion:252 Resp: 359515

Ion Ratio Lower Upper

252 100

253 23.2 0.0 56.4

125 6.6 0.0 15.8



#25

Benzo(k)fluoranthene

Concen: 8.983 ng/ul

RT: 22.583 min Scan# 4582

Delta R.T. -0.038 min

Lab File: BM046807.D

Acq: 25 Jul 2024 19:37

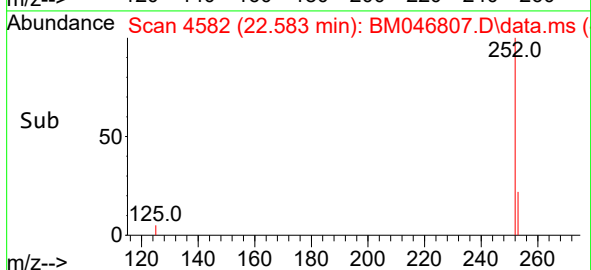
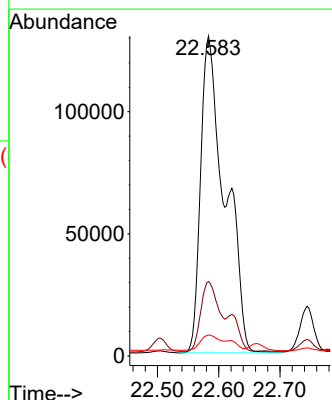
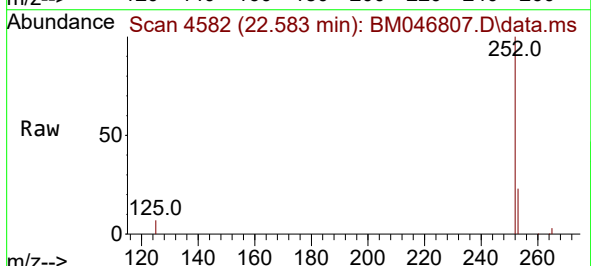
Tgt Ion:252 Resp: 359515

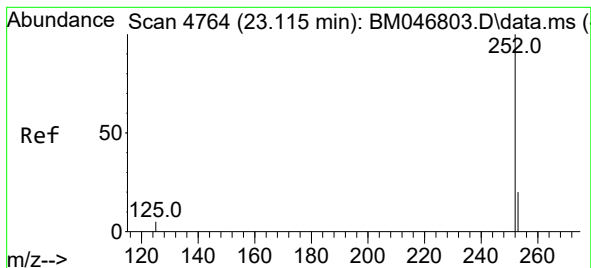
Ion Ratio Lower Upper

252 100

253 23.2 23.5 35.3#

125 6.6 8.6 13.0#





#26

Benzo(a)pyrene

Concen: 3.302 ng/ul

RT: 23.118 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM046807.D

Acq: 25 Jul 2024 19:37

Instrument :

BNA_M

ClientSampleId :

A4BA5

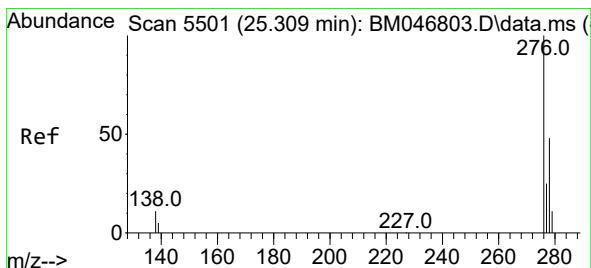
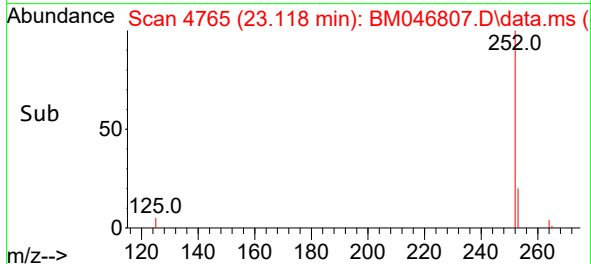
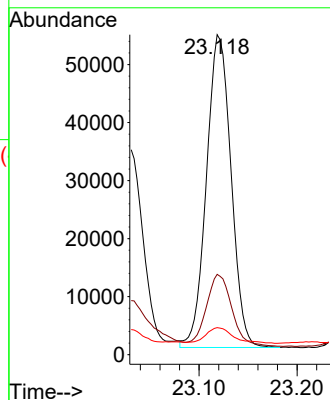
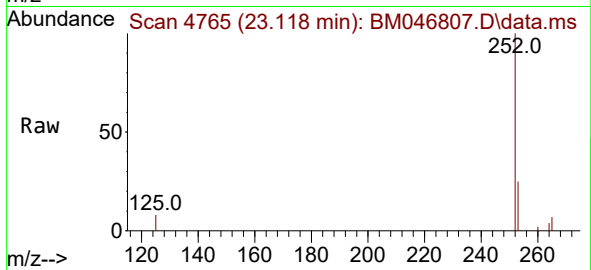
Tgt Ion:252 Resp: 94148

Ion Ratio Lower Upper

252 100

253 25.1 26.0 39.0#

125 8.4 7.8 11.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.345 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046807.D

Acq: 25 Jul 2024 19:37

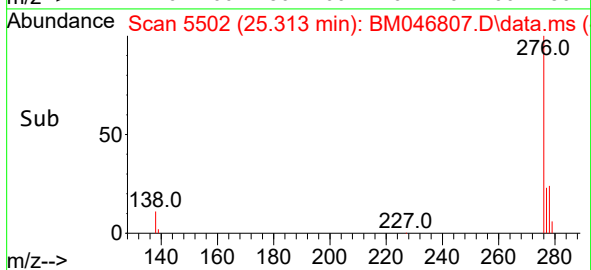
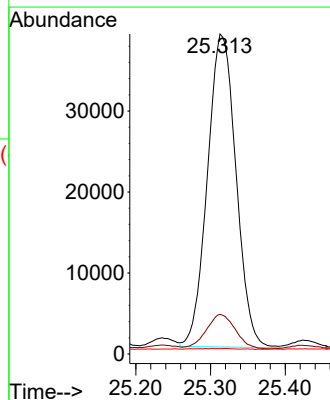
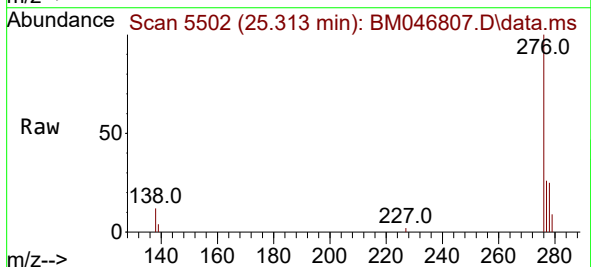
Tgt Ion:276 Resp: 102884

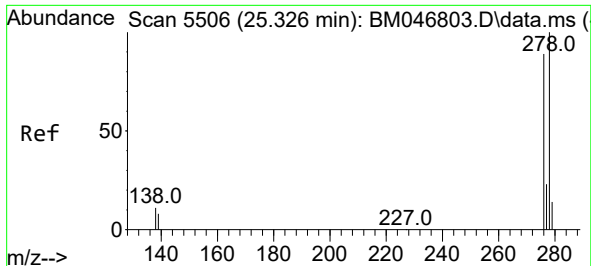
Ion Ratio Lower Upper

276 100

138 11.2 9.7 14.5

227 0.2 0.2 0.2

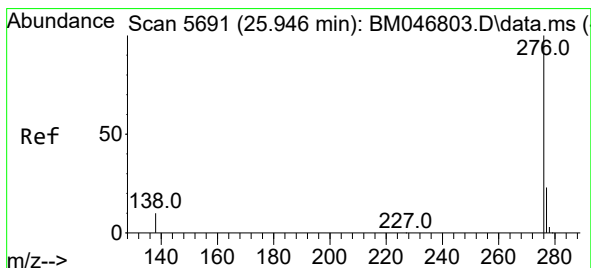
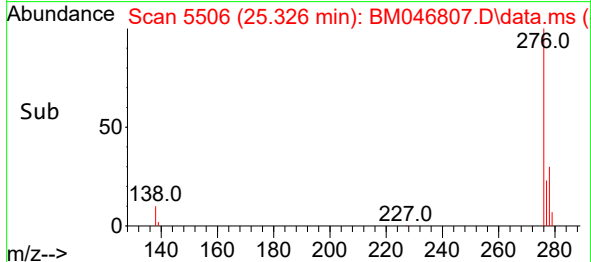
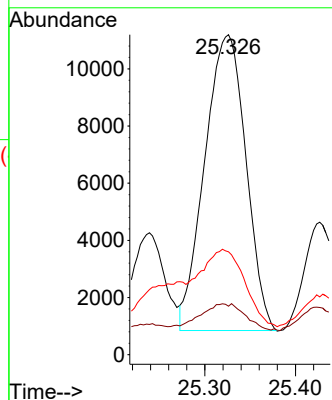
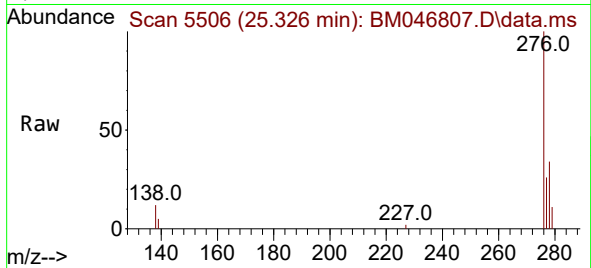




#28
 Dibenzo(a,h)anthracene
 Concen: 1.017 ng/ul
 RT: 25.326 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM046807.D
 Acq: 25 Jul 2024 19:37

Instrument :
 BNA_M
 ClientSampleId :
 A4BA5

Tgt Ion:278 Resp: 32663
 Ion Ratio Lower Upper
 278 100
 139 15.2 9.8 14.8#
 279 32.1 25.2 37.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.446 ng/ul
 RT: 25.953 min Scan# 5693
 Delta R.T. 0.000 min
 Lab File: BM046807.D
 Acq: 25 Jul 2024 19:37

Tgt Ion:276 Resp: 17227
 Ion Ratio Lower Upper
 276 100
 138 19.3 9.5 14.3#
 277 32.0 20.9 31.3#

