

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046759.D
 Acq On : 22 Jul 2024 19:39
 Operator : MA/JU
 Sample : P3201-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CJ3DL

Quant Time: Jul 22 23:56:21 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 19 11:38:04 2024
 Response via : Initial Calibration

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

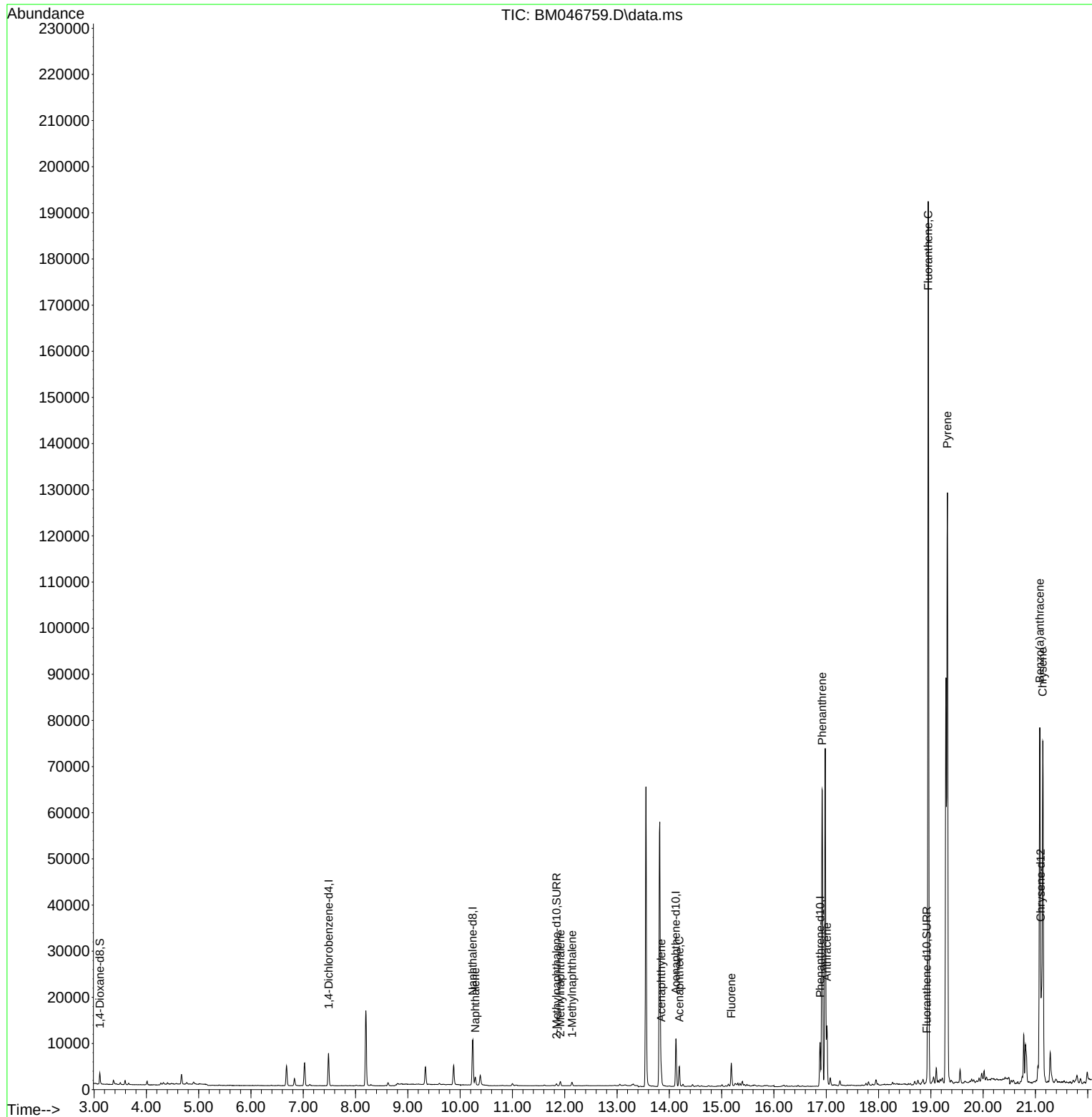
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3492	0.400	ng/u1	0.00
4) Naphthalene-d8	10.242	136	13267	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.126	164	5582	0.400	ng/u1	0.00
13) Phenanthrene-d10	16.882	188	11758	0.400	ng/u1	0.00
17) Chrysene-d12	21.099	240	10158	0.400	ng/u1	0.00
23) Perylene-d12	0.000	264	0	0.000	ng/u1	-23.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1467	0.511	ng/u1	0.00
6) 2-Methylnaphthalene-d10	11.843	152	523	0.024	ng/u1	0.00
18) Fluoranthene-d10	18.922	212	1180	0.038	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	2238	0.066	ng/u1	97
7) 2-Methylnaphthalene	11.914	142	638	0.027	ng/u1	99
8) 1-Methylnaphthalene	12.140	142	525	0.022	ng/u1	98
10) Acenaphthylene	13.844	152	4173	0.164	ng/u1	98
11) Acenaphthene	14.191	153	2478	0.146	ng/u1	97
12) Fluorene	15.185	166	3111	0.148	ng/u1	96
15) Phenanthrene	16.920	178	67456	2.010	ng/u1	98
16) Anthracene	17.013	178	12893	0.394	ng/u1	99
19) Fluoranthene	18.950	202	165300	3.962	ng/u1	99
20) Pyrene	19.317	202	113671	2.516	ng/u1	99
21) Benzo(a)anthracene	21.082	228	69537	1.547	ng/u1	99
22) Chrysene	21.140	228	80997	1.863	ng/u1	99

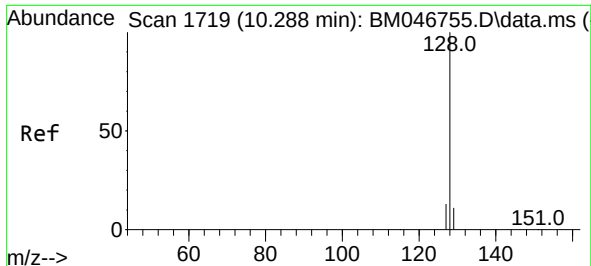
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 23:56:21 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 19 11:38:04 2024
Response via : Initial Calibration

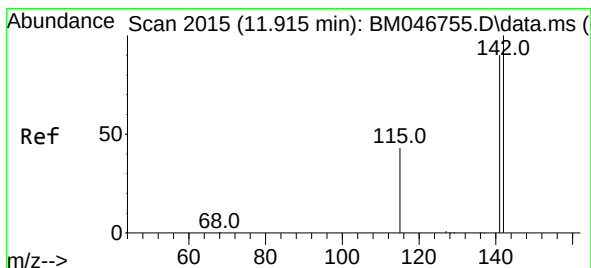
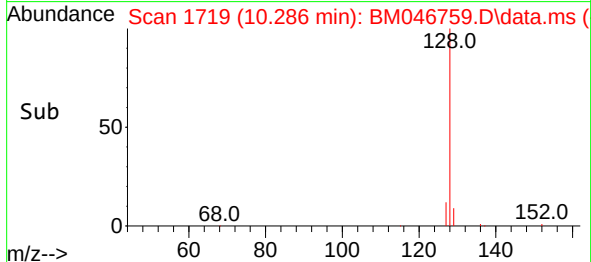
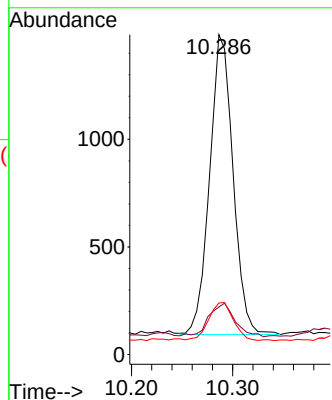
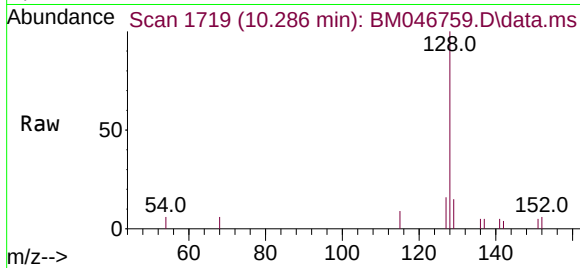




#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

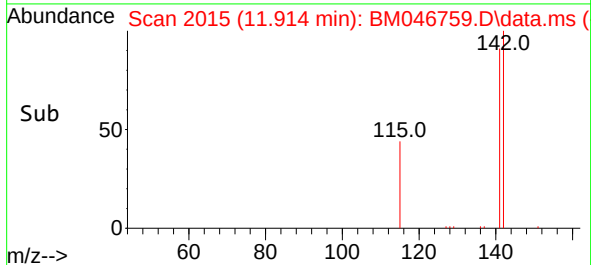
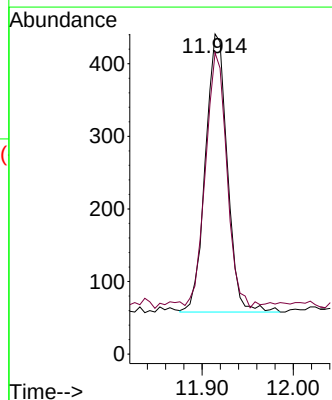
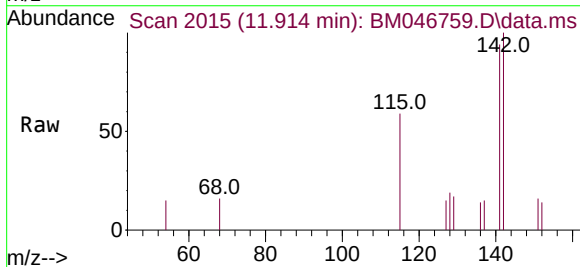
Instrument :
BNA_M
ClientSampleId :
A4CJ3DL

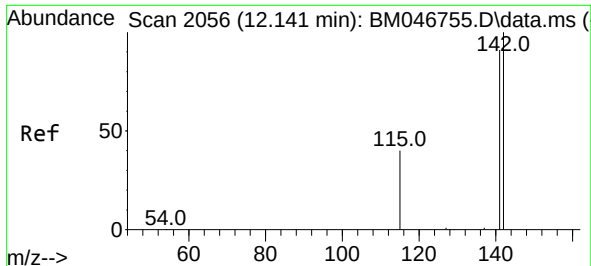
Tgt Ion:128 Resp: 2238
Ion Ratio Lower Upper
128 100
129 14.9 10.3 15.5
127 16.2 12.2 18.4



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5

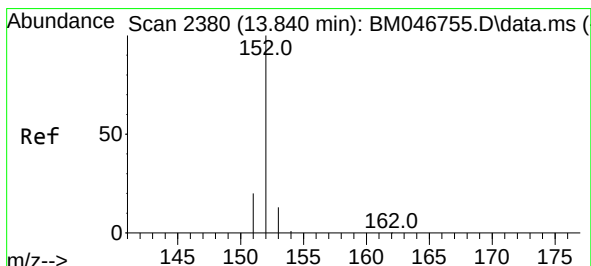
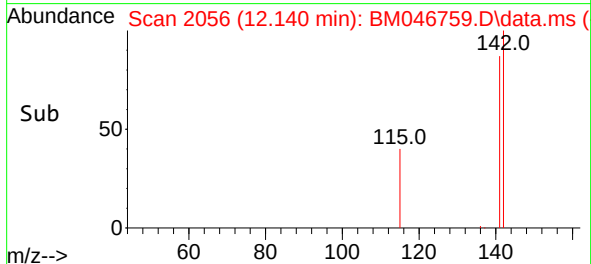
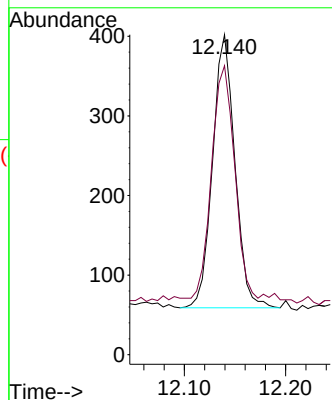
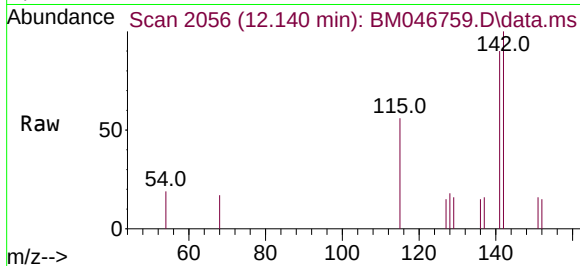




#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.140 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

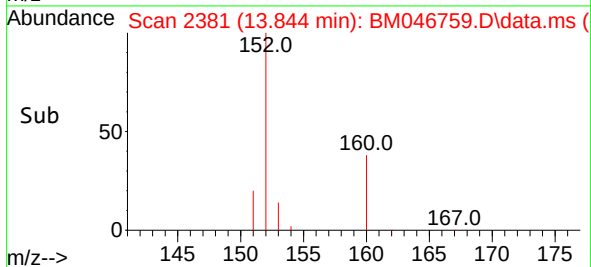
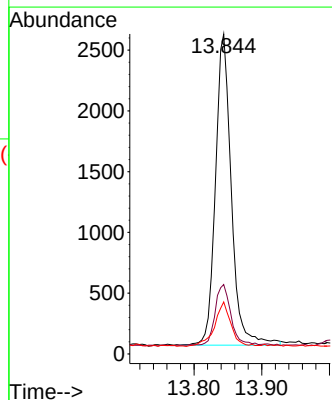
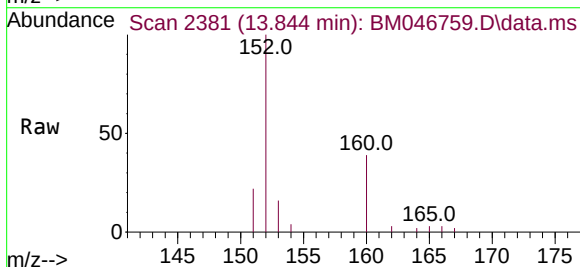
Instrument :
BNA_M
ClientSampleId :
A4CJ3DL

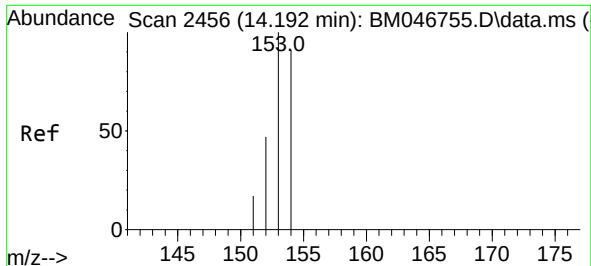
Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
141 94.1 73.9 110.9



#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 13.844 min Scan# 2381
Delta R.T. -0.005 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

Tgt Ion:152 Resp: 4173
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 16.3 12.4 18.6

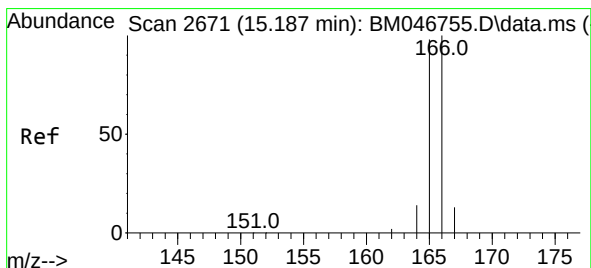
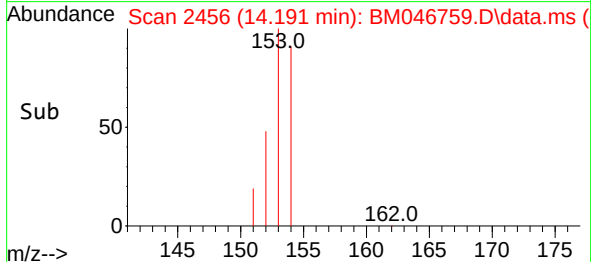
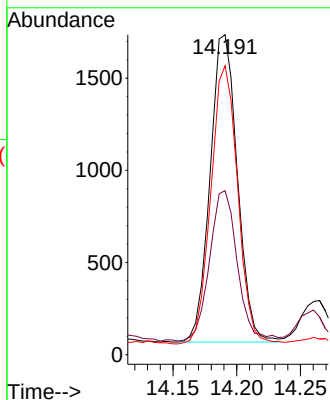
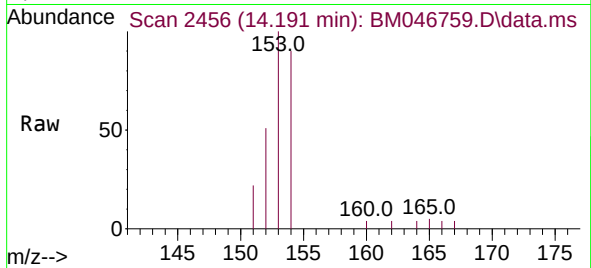




#11
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

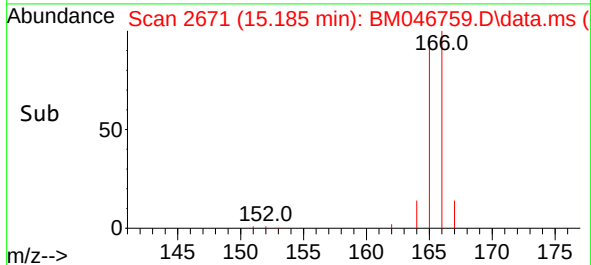
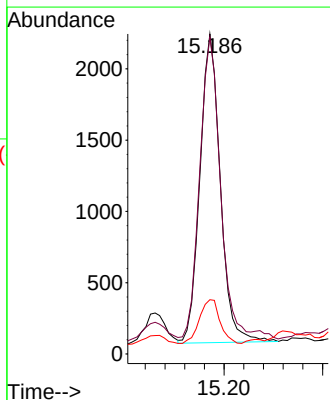
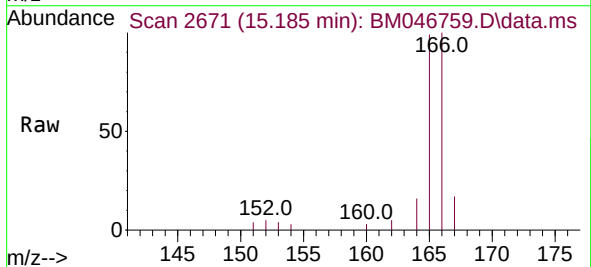
Instrument :
BNA_M
ClientSampleId :
A4CJ3DL

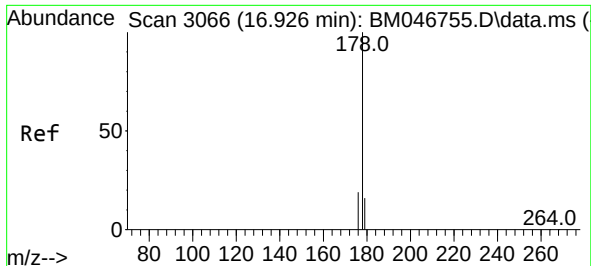
Tgt Ion:153 Resp: 2478
Ion Ratio Lower Upper
153 100
152 51.3 43.0 64.6
154 90.3 69.9 104.9



#12
Fluorene
Concen: 0.148 ng/ul
RT: 15.185 min Scan# 2671
Delta R.T. -0.005 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

Tgt Ion:166 Resp: 3111
Ion Ratio Lower Upper
166 100
165 99.0 76.1 114.1
167 17.0 12.5 18.7

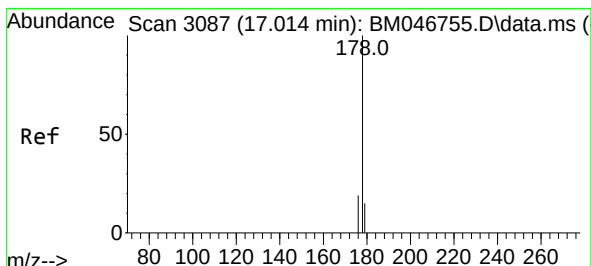
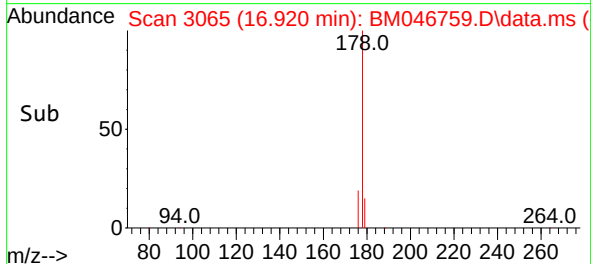
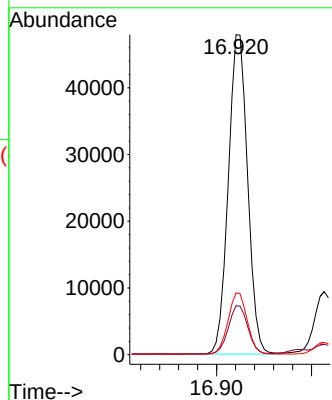
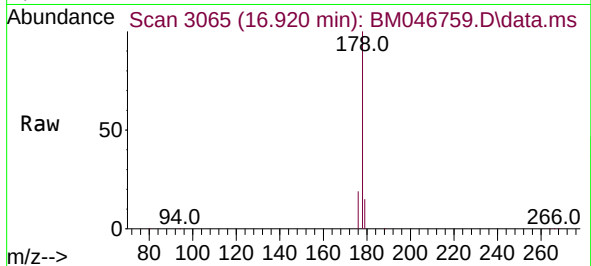




#15
Phenanthrene
Concen: 2.010 ng/ul
RT: 16.920 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

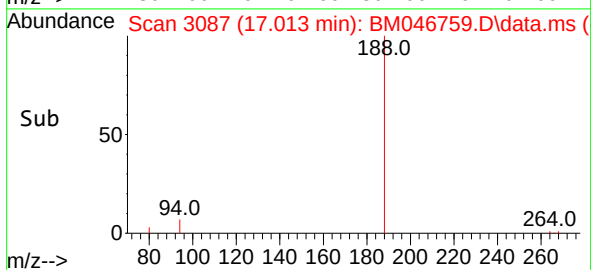
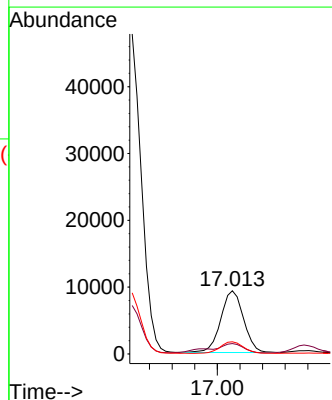
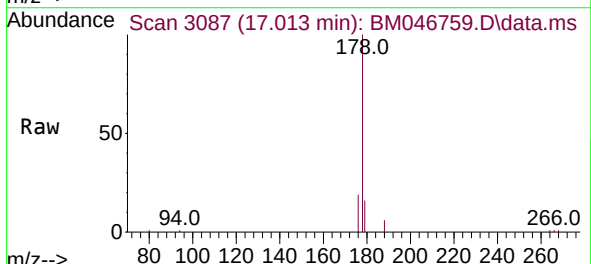
Instrument :
BNA_M
ClientSampleId :
A4CJ3DL

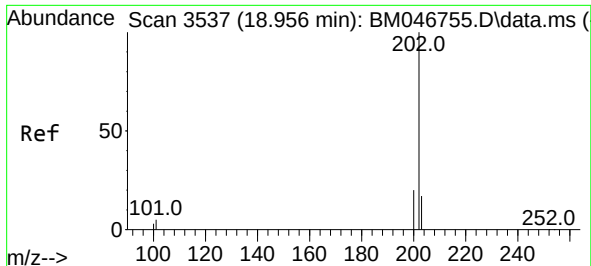
Tgt Ion:178 Resp: 67456
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

Tgt Ion:178 Resp: 12893
Ion Ratio Lower Upper
178 100
179 16.4 13.5 20.3
176 19.2 15.7 23.5

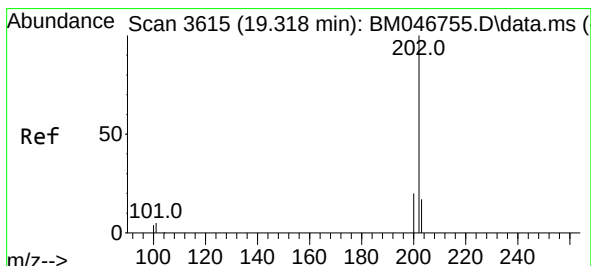
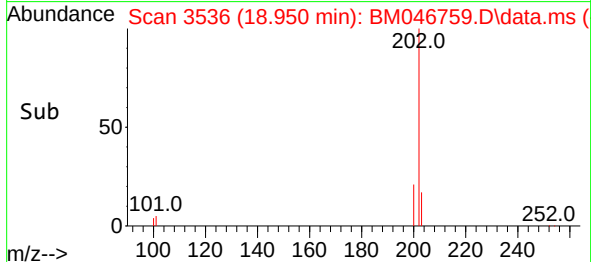
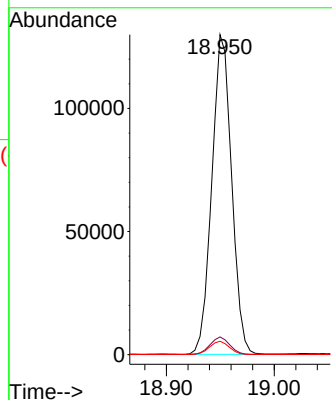
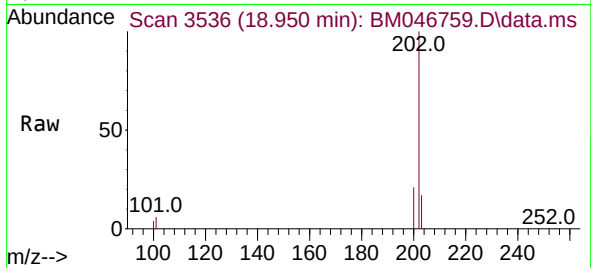




#19
Fluoranthene
Concen: 3.962 ng/ul
RT: 18.950 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

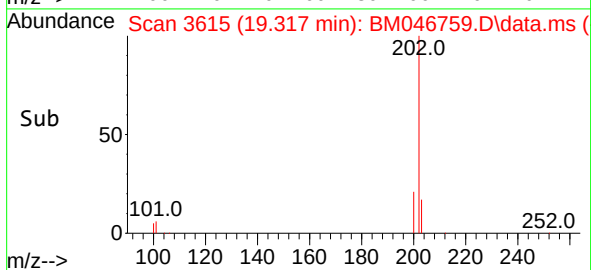
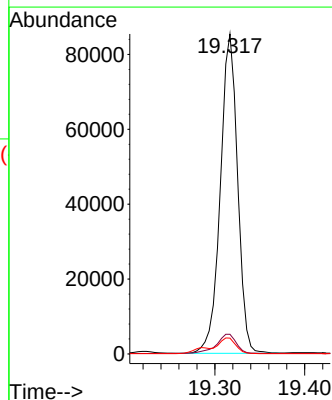
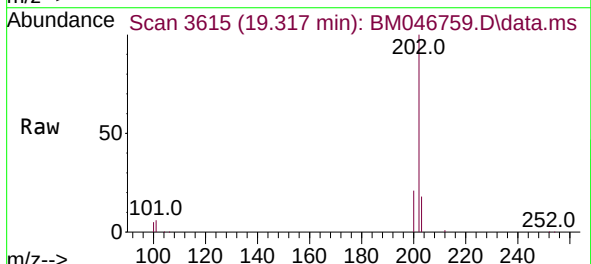
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BNA_M
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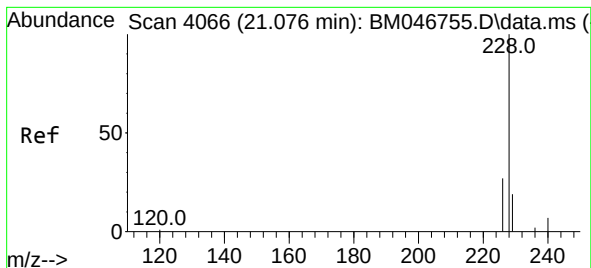
Tgt Ion:202 Resp: 165300
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.2 3.0 4.6



#20
Pyrene
Concen: 2.516 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046759.D
Acq: 22 Jul 2024 19:39

Tgt Ion:202 Resp: 113671
Ion Ratio Lower Upper
202 100
101 6.1 5.1 7.7
100 4.9 3.8 5.6





#21

Benzo(a)anthracene

Concen: 1.547 ng/ul

RT: 21.082 min Scan# 4066

Delta R.T. 0.003 min

Lab File: BM046759.D

Acq: 22 Jul 2024 19:39

Instrument :

BNA_M

ClientSampleId :

A4CJ3DL

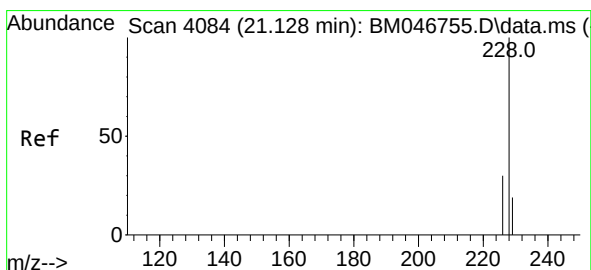
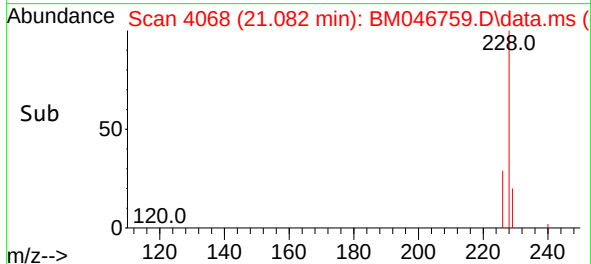
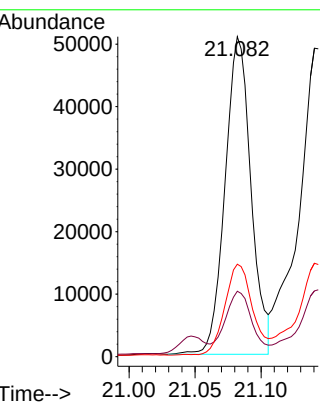
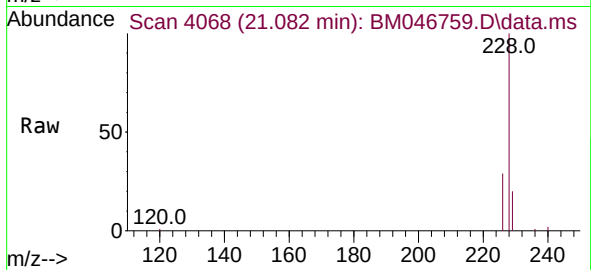
Tgt Ion:228 Resp: 69537

Ion Ratio Lower Upper

228 100

229 20.5 16.5 24.7

226 28.9 22.5 33.7



#22

Chrysene

Concen: 1.863 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. 0.009 min

Lab File: BM046759.D

Acq: 22 Jul 2024 19:39

Tgt Ion:228 Resp: 80997

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 21.3 16.4 24.6

