

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046839.D
 Acq On : 26 Jul 2024 20:21
 Operator : MA/JU
 Sample : P3263-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB0DL

Quant Time: Jul 27 00:07:51 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)

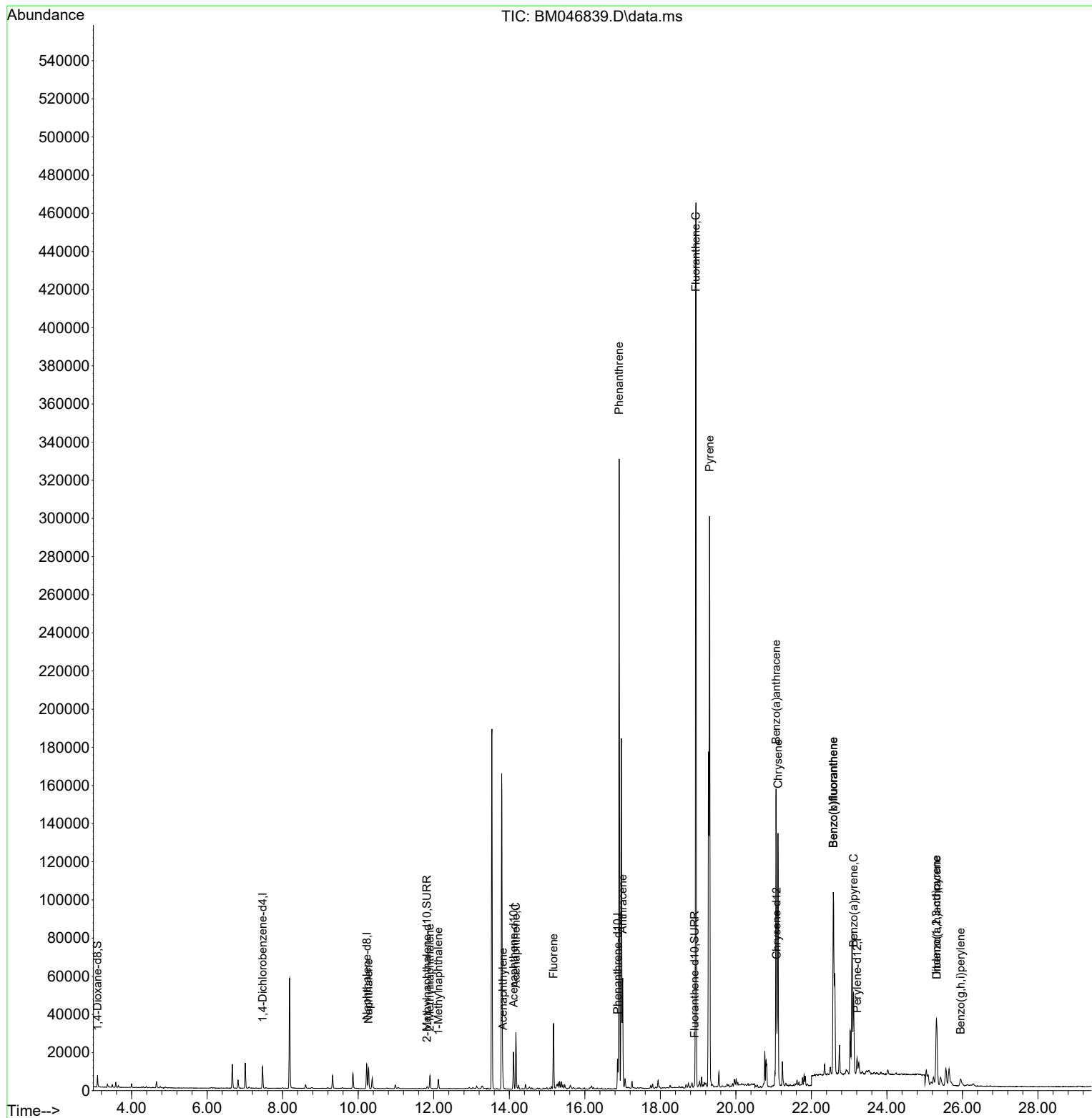
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5607	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	17348	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	10238	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	19206	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	9247	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9881	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	3449	0.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	1409	0.051	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	2284	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	13953	0.318	ng/ul	97
7) 2-Methylnaphthalene	11.899	142	4774	0.158	ng/ul	99
8) 1-Methylnaphthalene	12.124	142	3378	0.108	ng/ul	97
10) Acenaphthylene	13.831	152	7009	0.149	ng/ul	98
11) Acenaphthene	14.174	153	16701	0.525	ng/ul	99
12) Fluorene	15.173	166	21142	0.531	ng/ul	99
15) Phenanthrene	16.909	178	333950	6.050	ng/ul	97
16) Anthracene	17.002	178	57722	1.123	ng/ul	99
19) Fluoranthene	18.942	202	414593	10.209	ng/ul	97
20) Pyrene	19.304	202	256775	6.112	ng/ul#	96
21) Benzo(a)anthracene	21.064	228	124090	3.220	ng/ul	99
22) Chrysene	21.117	228	123646	3.159	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	208571	4.808	ng/ul	94
25) Benzo(k)fluoranthene	22.580	252	208571	4.771	ng/ul#	91
26) Benzo(a)pyrene	23.115	252	55708	1.789	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.309	276	53807	1.123	ng/ul	95
28) Dibenzo(a,h)anthracene	25.319	278	17161	0.489	ng/ul#	93
29) Benzo(g,h,i)perylene	25.953	276	7976	0.189	ng/ul#	79

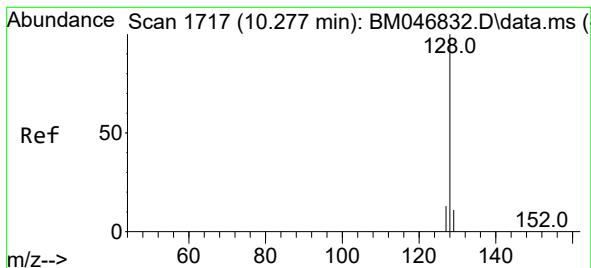
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.318 ng/ul

RT: 10.271 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046839.D

Acq: 26 Jul 2024 20:21

Instrument :

BNA_M

ClientSampleId :

A4BB0DL

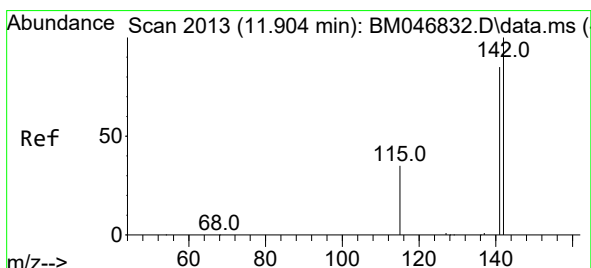
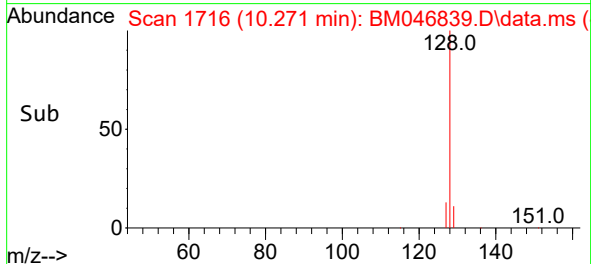
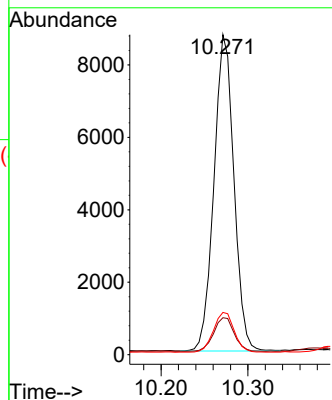
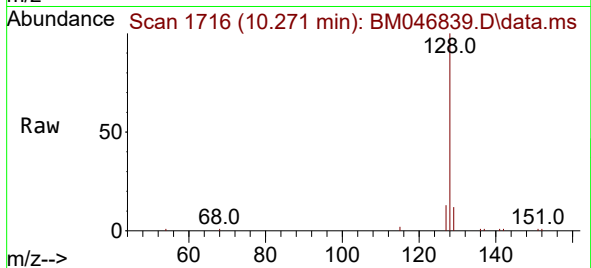
Tgt Ion:128 Resp: 13953

Ion Ratio Lower Upper

128 100

129 11.6 10.1 15.1

127 13.2 11.5 17.3



#7

2-Methylnaphthalene

Concen: 0.158 ng/ul

RT: 11.899 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BM046839.D

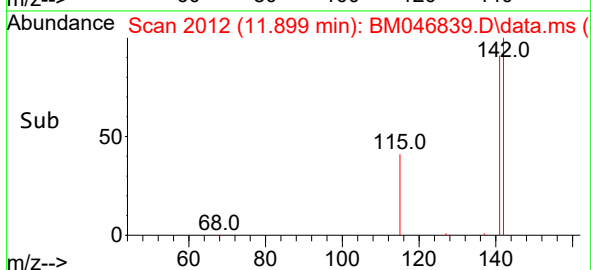
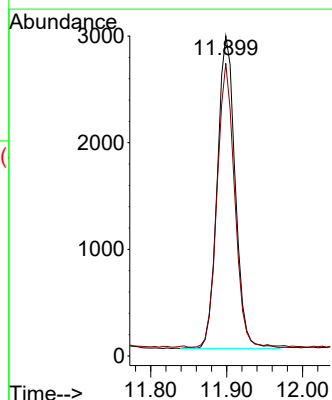
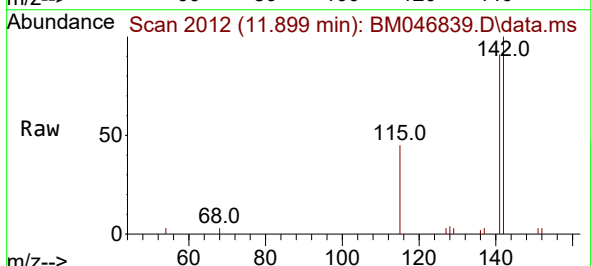
Acq: 26 Jul 2024 20:21

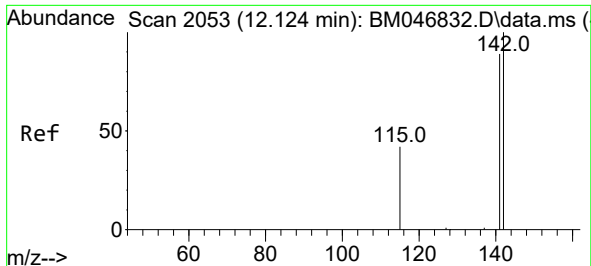
Tgt Ion:142 Resp: 4774

Ion Ratio Lower Upper

142 100

141 88.7 70.5 105.7

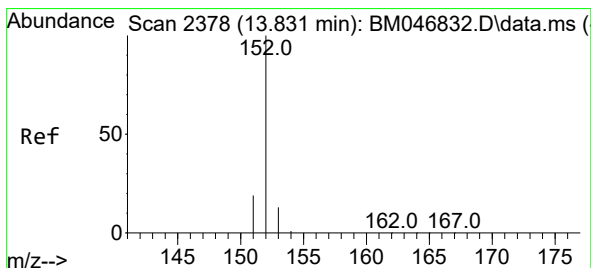
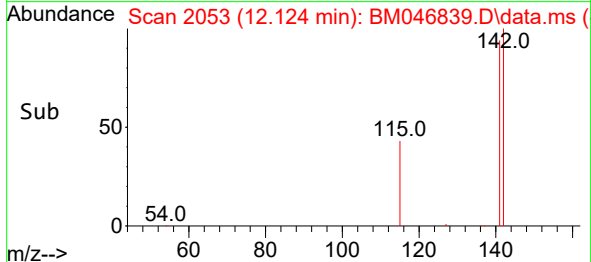
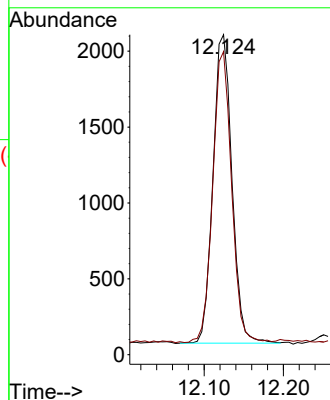
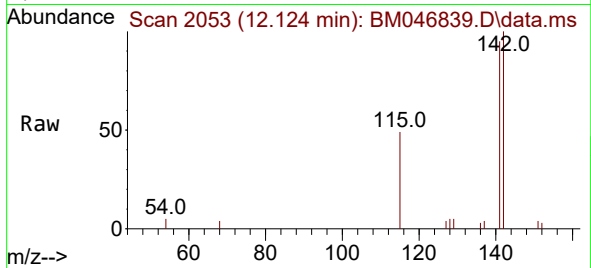




#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

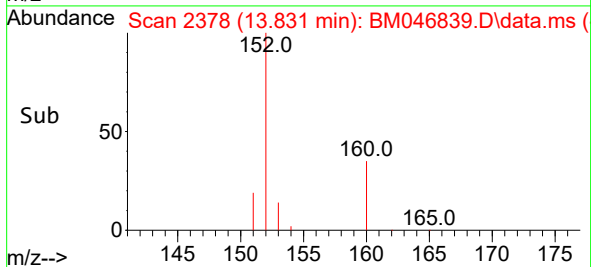
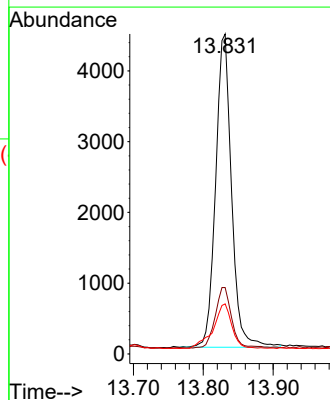
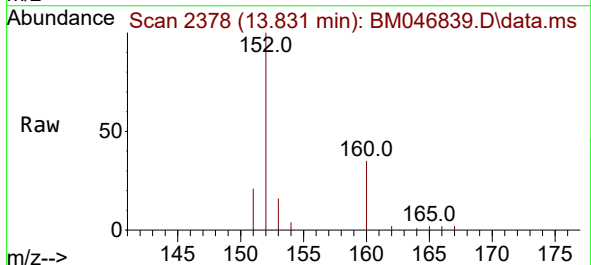
Instrument :
BNA_M
ClientSampleId :
A4BB0DL

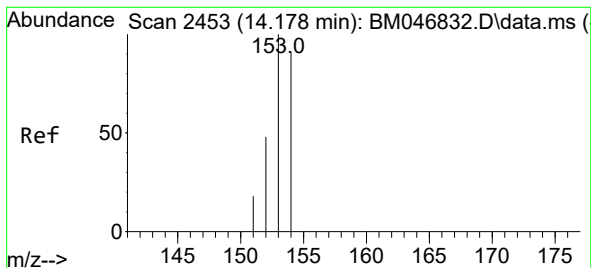
Tgt Ion:142 Resp: 3378
Ion Ratio Lower Upper
142 100
141 93.8 73.1 109.7



#10
Acenaphthylene
Concen: 0.149 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Tgt Ion:152 Resp: 7009
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 15.7 11.0 16.6

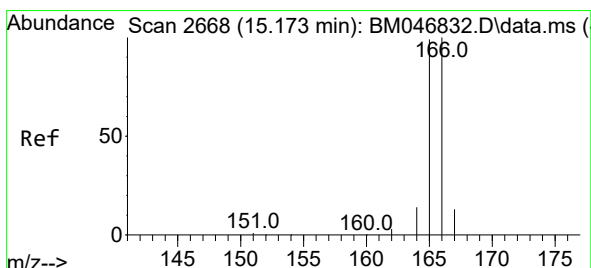
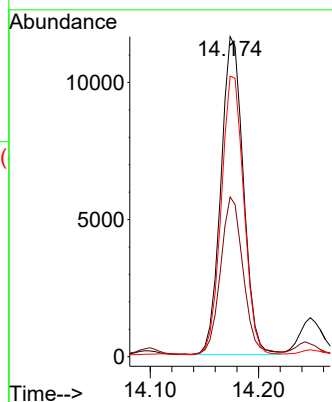
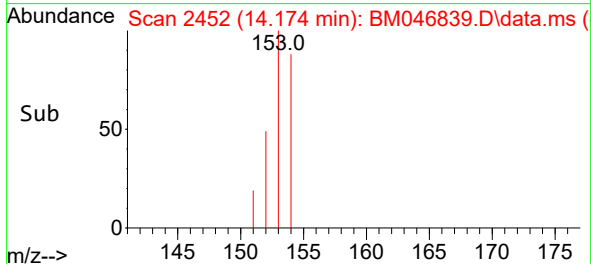
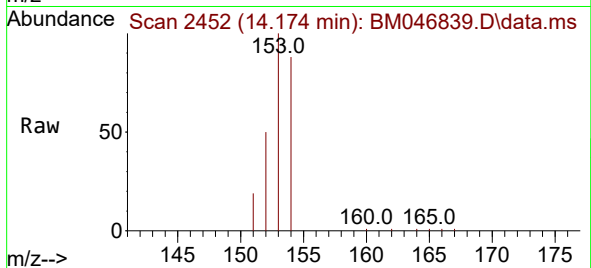




#11
Acenaphthene
Concen: 0.525 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

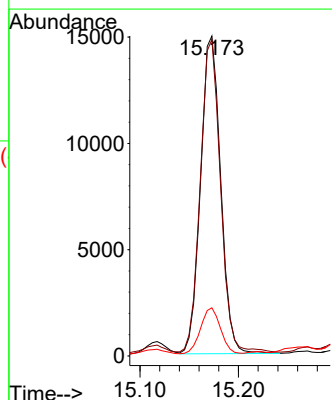
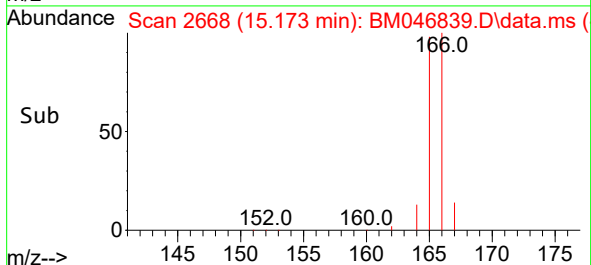
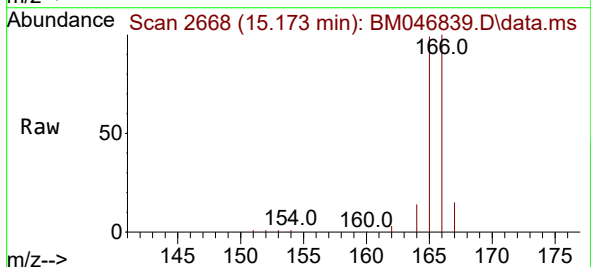
Instrument :
BNA_M
ClientSampleId :
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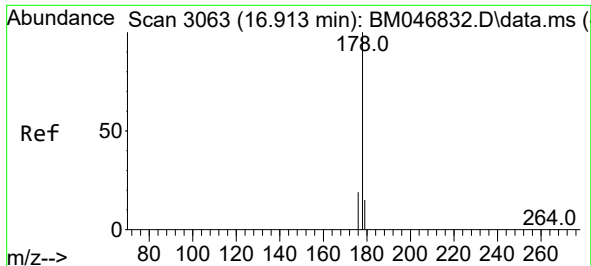
Tgt Ion:153 Resp: 16701
Ion Ratio Lower Upper
153 100
152 49.9 38.6 57.8
154 87.7 70.8 106.2



#12
Fluorene
Concen: 0.531 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Tgt Ion:166 Resp: 21142
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.6
167 15.1 12.3 18.5

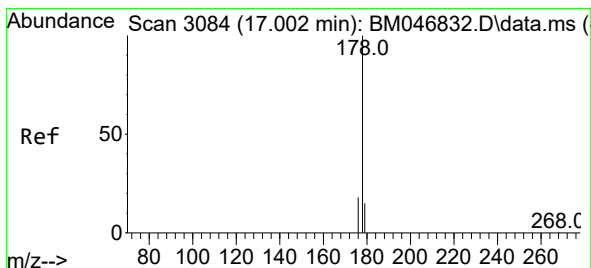
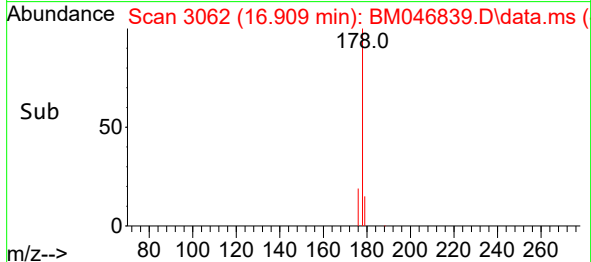
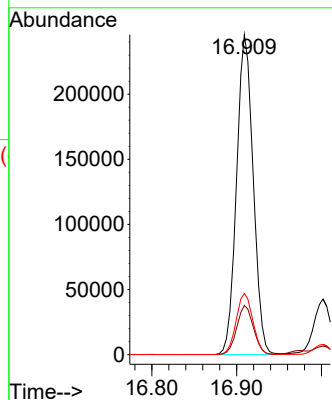
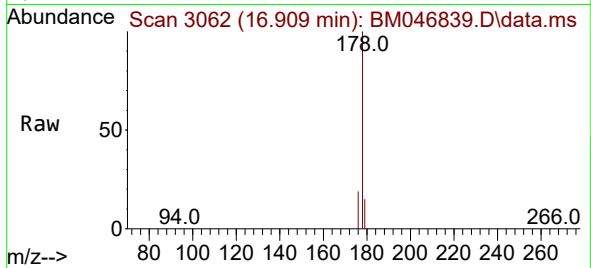




#15
Phenanthrene
Concen: 6.050 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

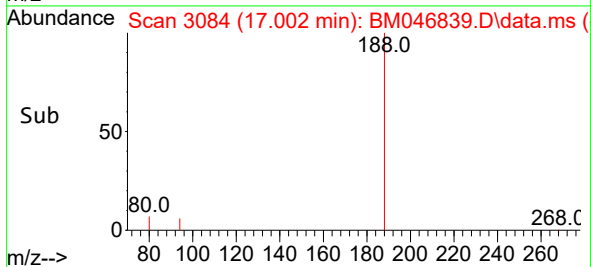
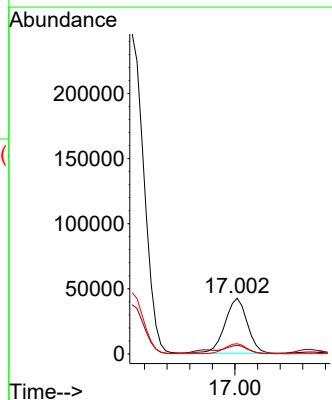
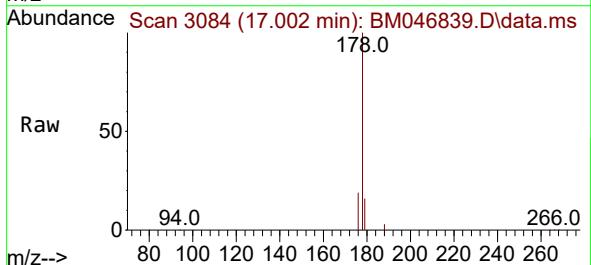
Instrument :
BNA_M
ClientSampleId :
A4BB0DL

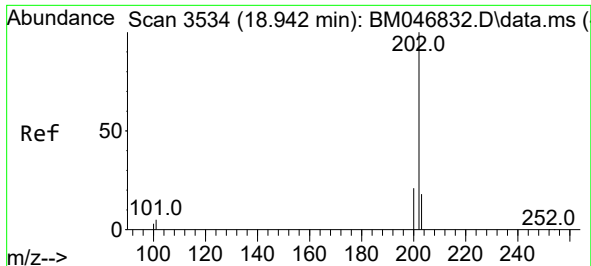
Tgt Ion:178 Resp: 333950
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.1 16.1 24.1



#16
Anthracene
Concen: 1.123 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Tgt Ion:178 Resp: 57722
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 18.5 15.0 22.6

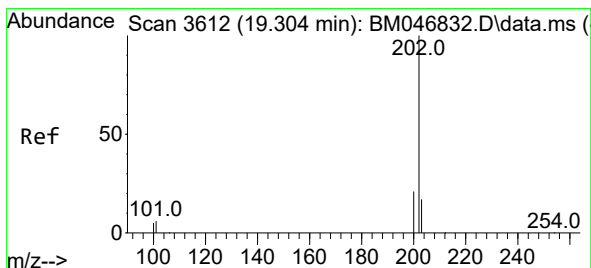
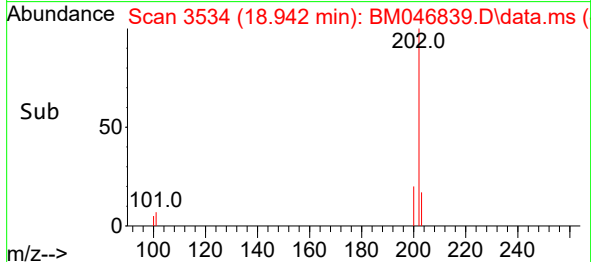
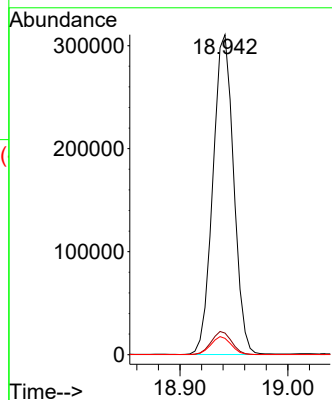
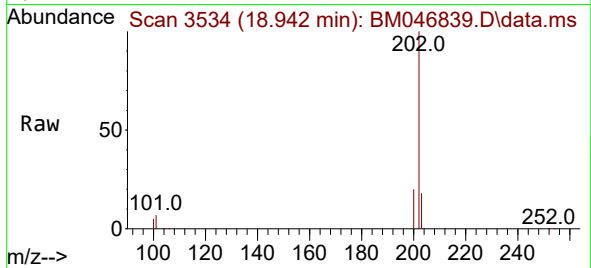




#19
Fluoranthene
Concen: 10.209 ng/ul
RT: 18.942 min Scan# 3534
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

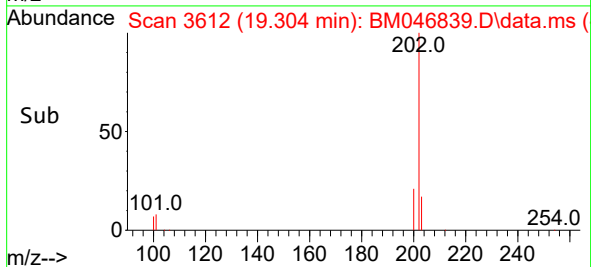
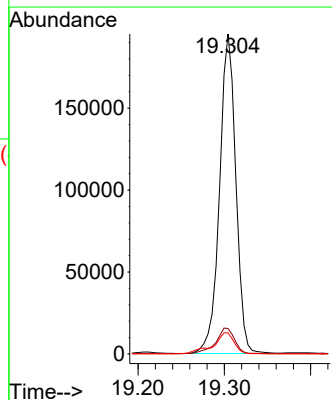
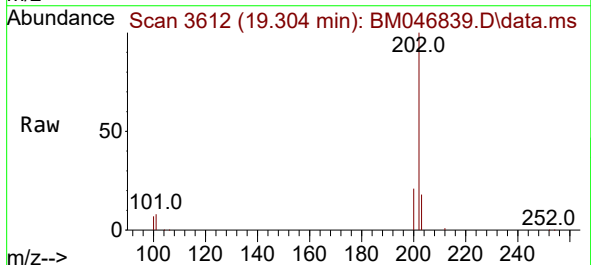
Instrument :
BNA_M
ClientSampleId :
A4BB0DL

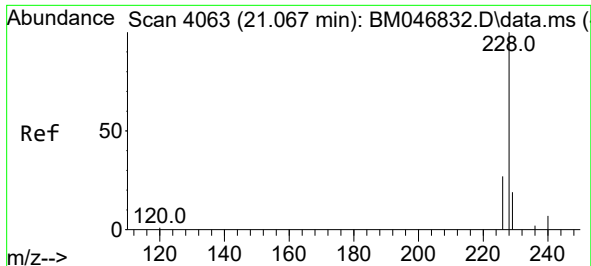
Tgt Ion:202 Resp: 414593
Ion Ratio Lower Upper
202 100
101 6.8 4.7 7.1
100 5.1 3.4 5.2



#20
Pyrene
Concen: 6.112 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

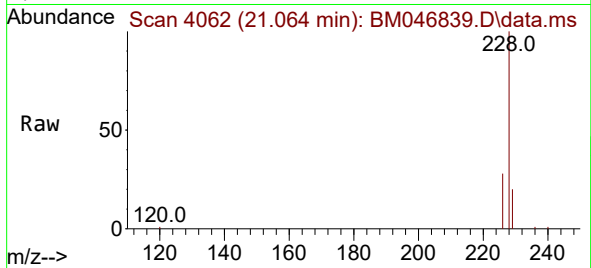
Tgt Ion:202 Resp: 256775
Ion Ratio Lower Upper
202 100
101 8.0 5.2 7.8#
100 6.6 4.3 6.5#



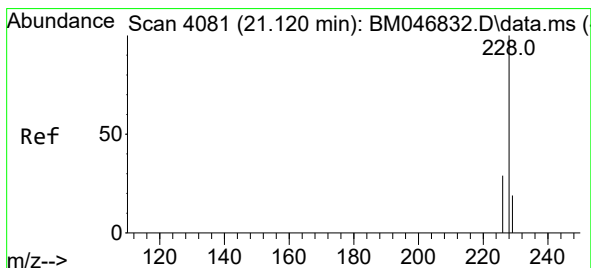
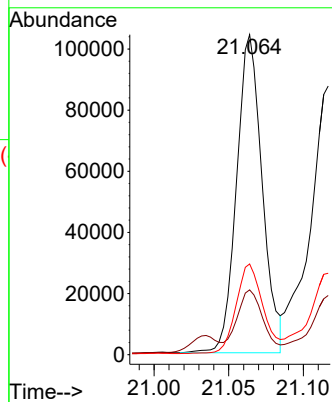
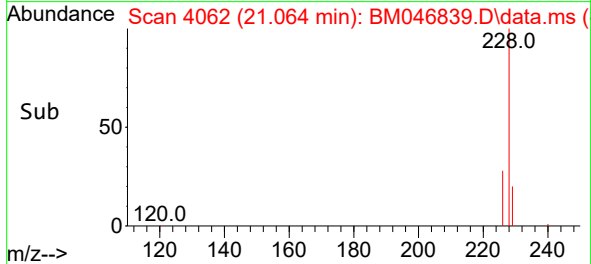


#21
Benzo(a)anthracene
Concen: 3.220 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4BB0DL

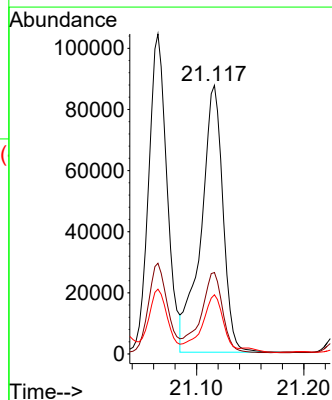
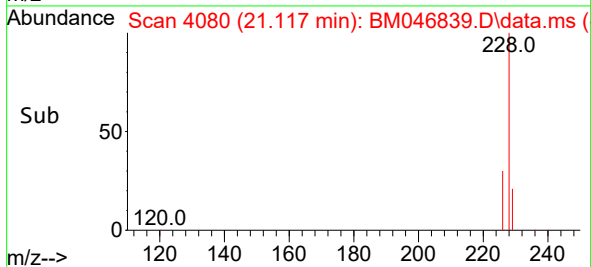
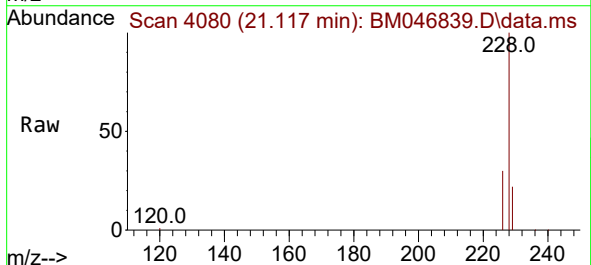


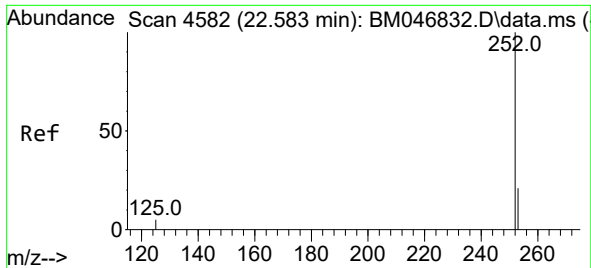
Tgt Ion:228 Resp: 124090
Ion Ratio Lower Upper
228 100
229 20.3 16.3 24.5
226 28.4 22.3 33.5



#22
Chrysene
Concen: 3.159 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Tgt Ion:228 Resp: 123646
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 22.0 16.2 24.2

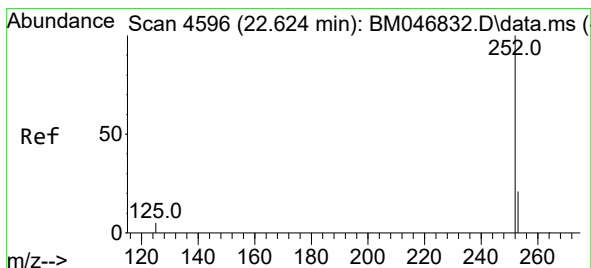
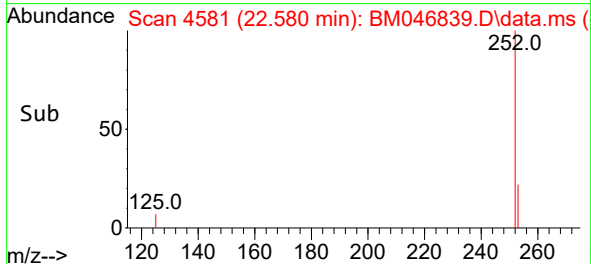
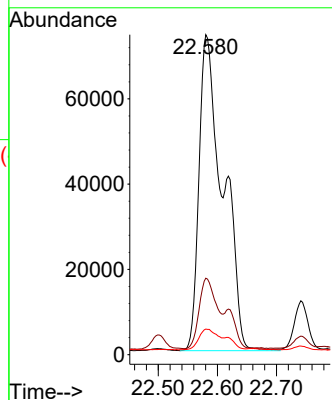
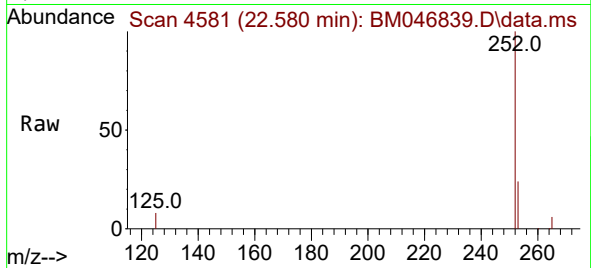




#24
Benzo(b)fluoranthene
Concen: 4.808 ng/ul
RT: 22.580 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

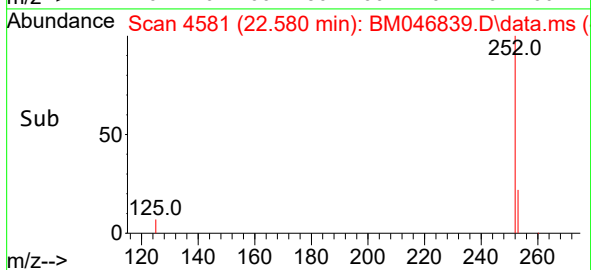
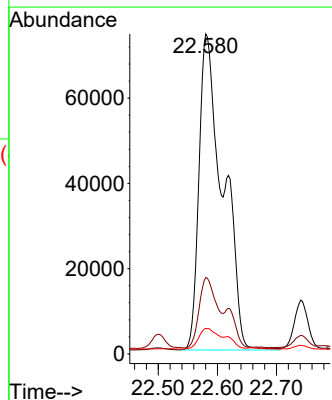
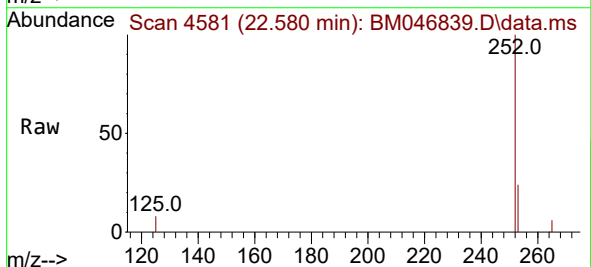
Instrument :
BNA_M
ClientSampleId :
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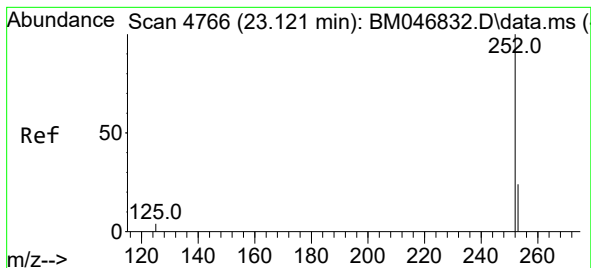
Tgt Ion:252 Resp: 208571
Ion Ratio Lower Upper
252 100
253 23.9 0.0 56.4
125 8.0 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 4.771 ng/ul
RT: 22.580 min Scan# 4581
Delta R.T. -0.041 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

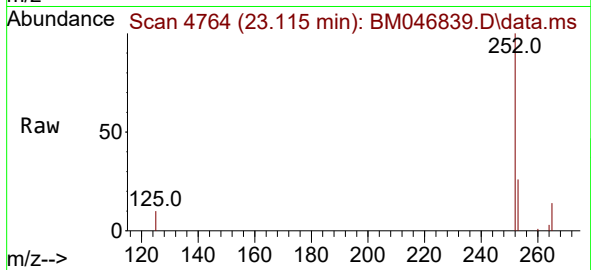
Tgt Ion:252 Resp: 208571
Ion Ratio Lower Upper
252 100
253 23.9 23.5 35.3
125 8.0 8.6 13.0#



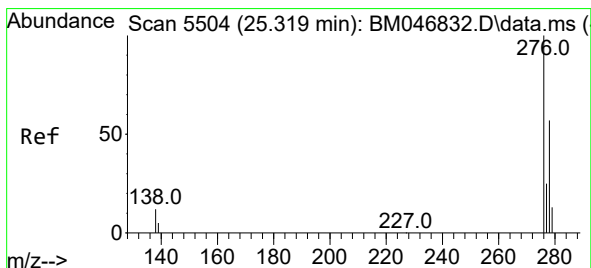
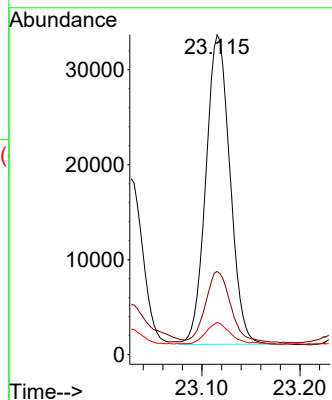
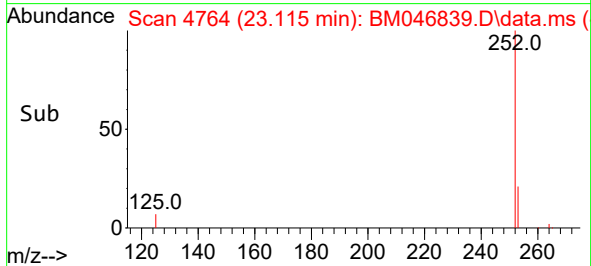


#26
Benzo(a)pyrene
Concen: 1.789 ng/ul
RT: 23.115 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

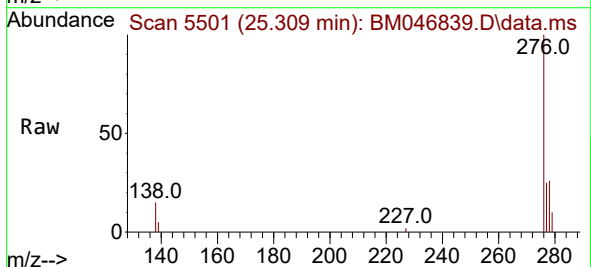
Instrument :
BNA_M
ClientSampleId :
A4BB0DL



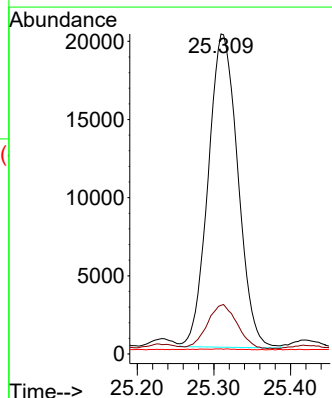
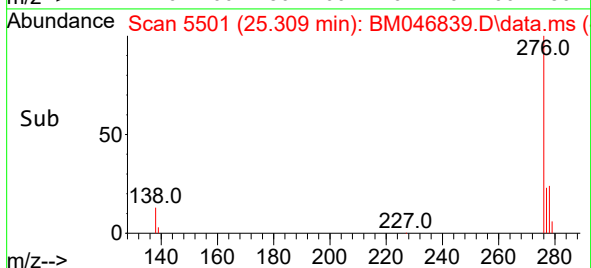
Tgt Ion:252 Resp: 55708
Ion Ratio Lower Upper
252 100
253 26.0 26.0 39.0
125 10.0 7.8 11.8

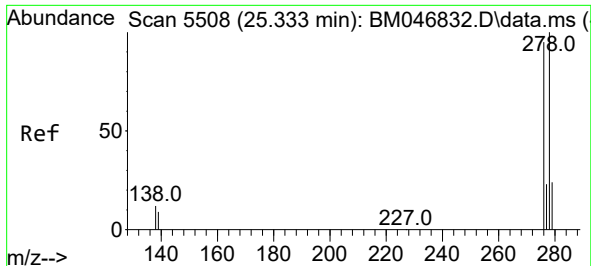


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.123 ng/ul
RT: 25.309 min Scan# 5501
Delta R.T. -0.007 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21



Tgt Ion:276 Resp: 53807
Ion Ratio Lower Upper
276 100
138 14.1 9.7 14.5
227 0.2 0.2 0.2

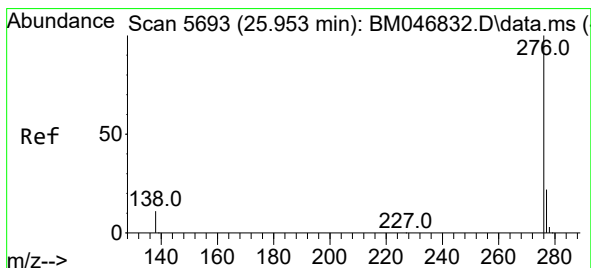
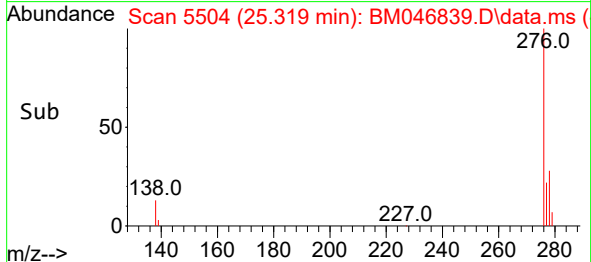
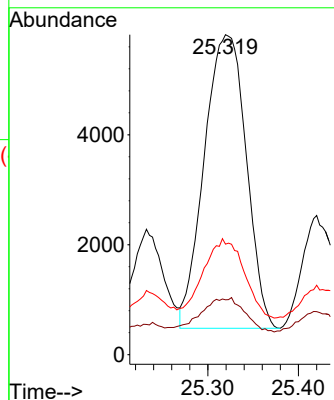
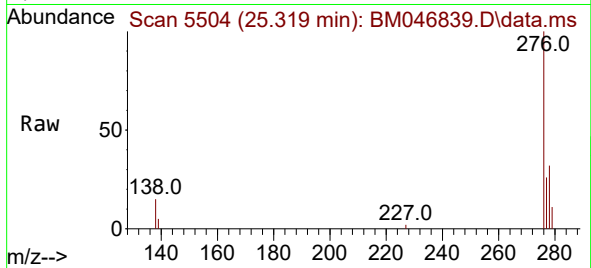




#28
Dibenzo(a,h)anthracene
Concen: 0.489 ng/ul
RT: 25.319 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4BB0DL

Tgt Ion:278 Resp: 17161
Ion Ratio Lower Upper
278 100
139 17.1 9.8 14.8#
279 34.6 25.2 37.8



#29
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. 0.000 min
Lab File: BM046839.D
Acq: 26 Jul 2024 20:21

Tgt Ion:276 Resp: 7976
Ion Ratio Lower Upper
276 100
138 24.1 9.5 14.3#
277 34.2 20.9 31.3#

