

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045889.D
 Acq On : 07 Jun 2024 20:30
 Operator : MA/JU
 Sample : P2586-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56

Quant Time: Jun 07 23:01:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

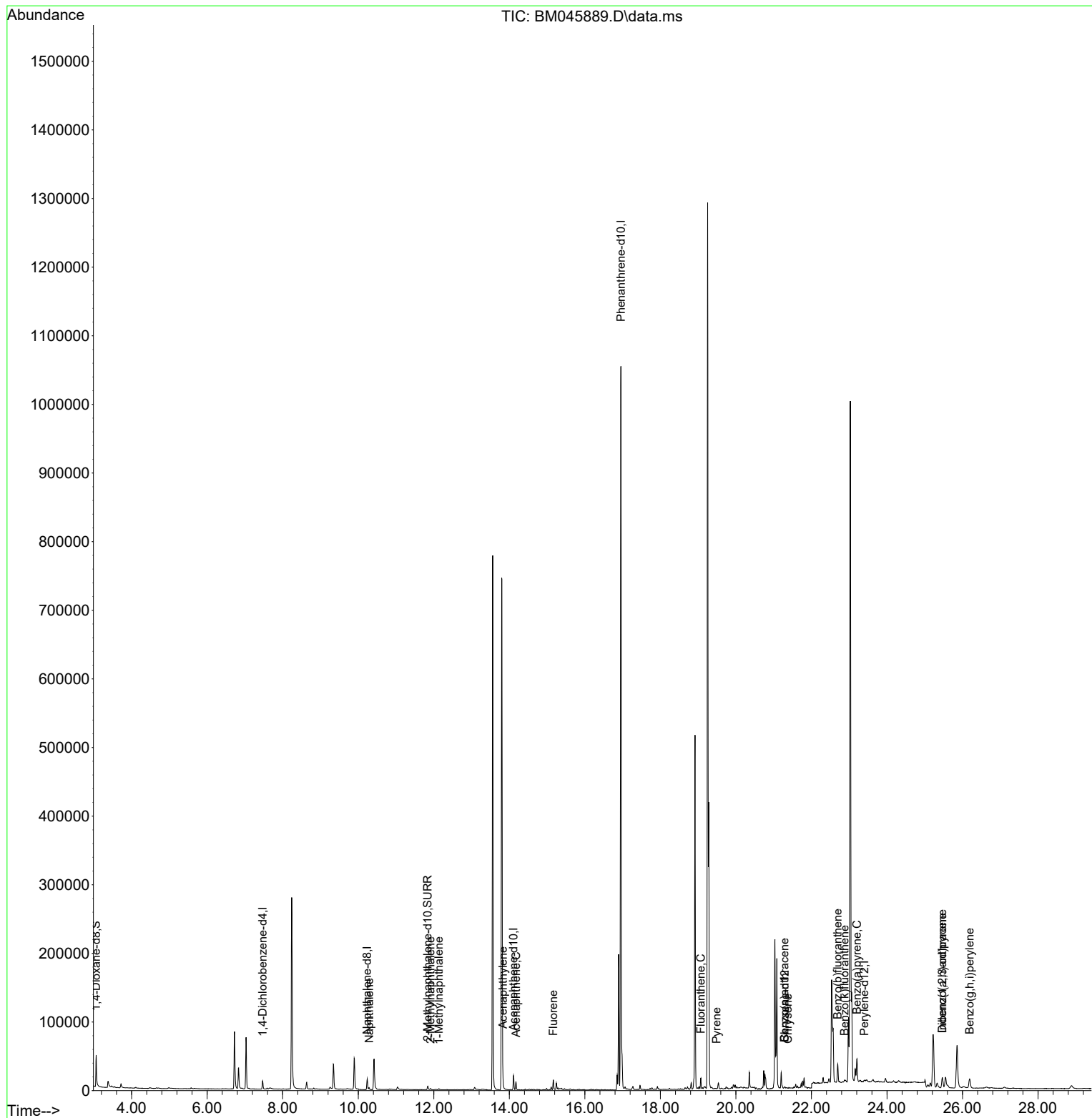
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5884	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	20299	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11061	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	1148246	0.400	ng/ul	0.09
17) Chrysene-d12	21.295	240	285	0.400	ng/ul	# 0.24
23) Perylene-d12	23.400	264	2574	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26635	3.974	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7240	0.248	ng/ul	-0.01
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds					Qvalue	
5) Naphthalene	10.286	128	3979	0.075	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	1320	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1102	0.030	ng/ul	97
10) Acenaphthylene	13.830	152	13454	0.267	ng/ul	99
11) Acenaphthene	14.177	153	6860	0.186	ng/ul	97
12) Fluorene	15.167	166	9143	0.221	ng/ul	99
19) Fluoranthene	19.071	202	10983	9.664	ng/ul#	90
20) Pyrene	19.489	202	157	0.132	ng/ul#	22
21) Benzo(a)anthracene	21.287	228	1066	1.019	ng/ul#	1
22) Chrysene	21.374	228	90	0.079	ng/ul#	1
24) Benzo(b)fluoranthene	22.695	252	32456	3.802	ng/ul	92
25) Benzo(k)fluoranthene	22.879	252	3321	0.354	ng/ul#	1
26) Benzo(a)pyrene	23.204	252	39414	4.642	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.464	276	5195	0.473	ng/ul#	49
28) Dibenzo(a,h)anthracene	25.467	278	20224	2.304	ng/ul	94
29) Benzo(g,h,i)perylene	26.189	276	24836	2.623	ng/ul#	88

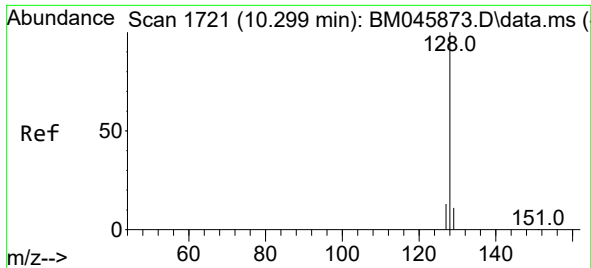
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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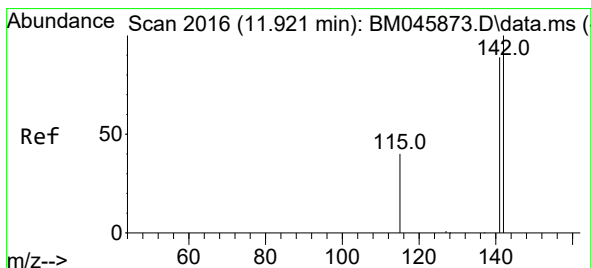
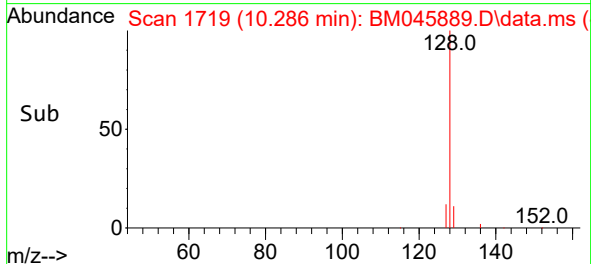
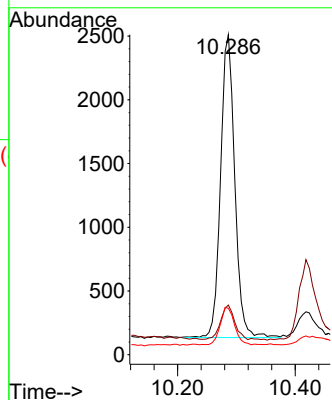
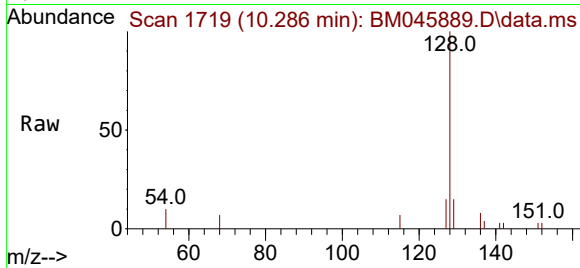




#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.286 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

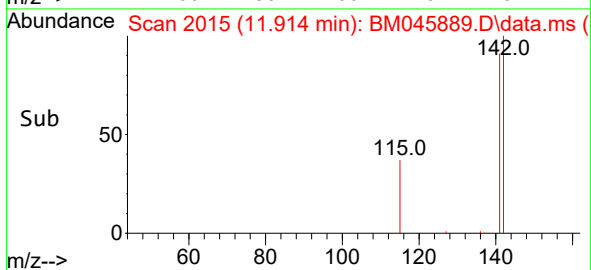
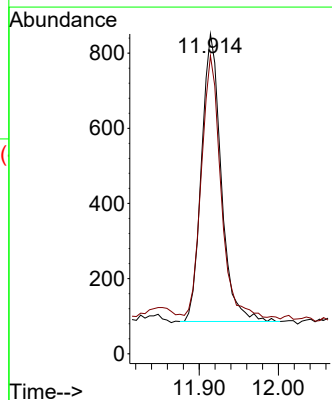
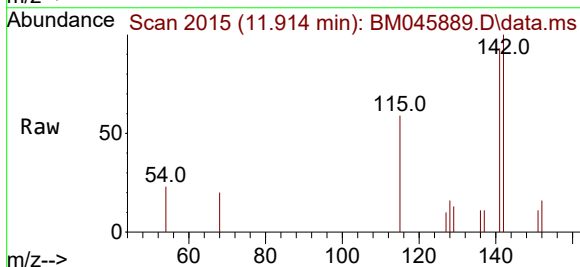
Instrument :
BNA_M
ClientSampleId :
A4C56

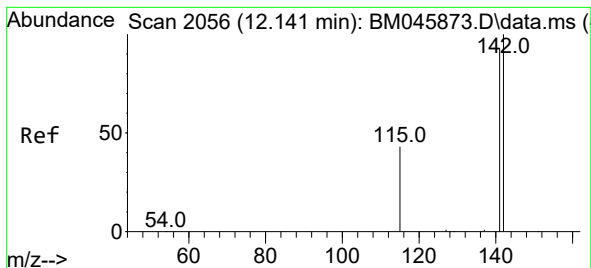
Tgt Ion:128 Resp: 3979
Ion Ratio Lower Upper
128 100
129 15.5 9.4 14.0#
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Tgt Ion:142 Resp: 1320
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.134 min Scan# 2056

Delta R.T. -0.011 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

Instrument :

BNA_M

ClientSampleId :

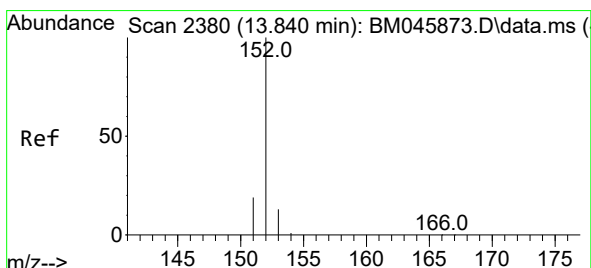
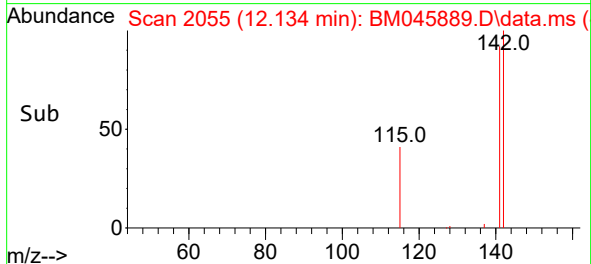
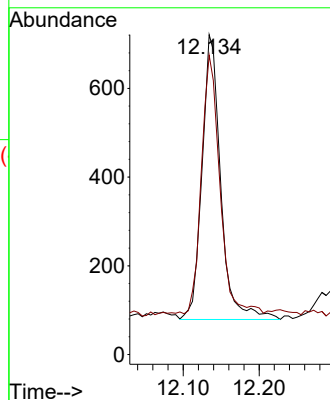
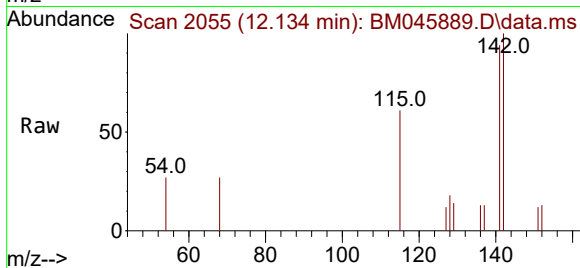
A4C56

Tgt Ion:142 Resp: 1102

Ion Ratio Lower Upper

142 100

141 88.6 73.5 110.3



#10

Acenaphthylene

Concen: 0.267 ng/ul

RT: 13.830 min Scan# 2378

Delta R.T. -0.009 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

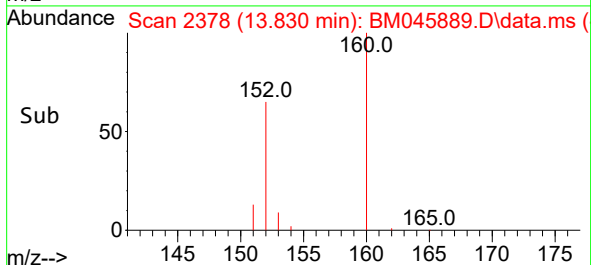
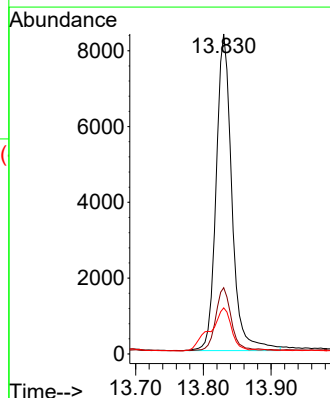
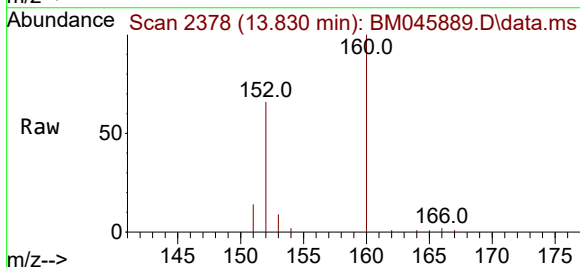
Tgt Ion:152 Resp: 13454

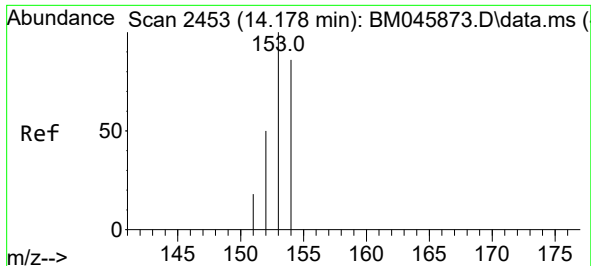
Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 14.4 11.1 16.7

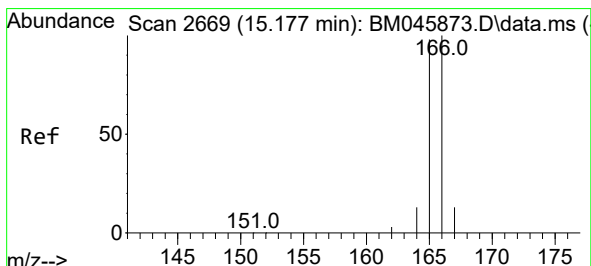
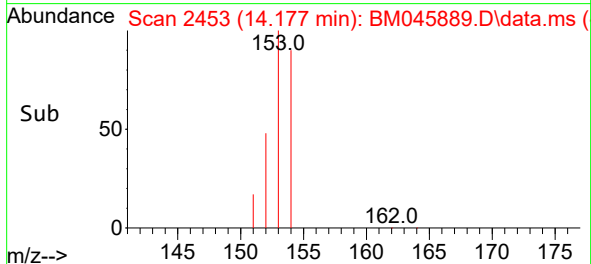
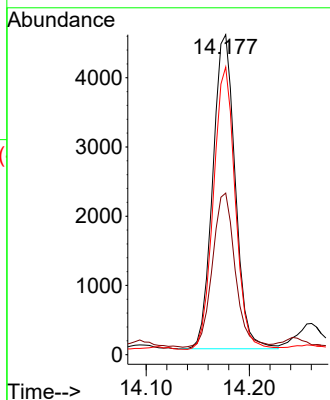
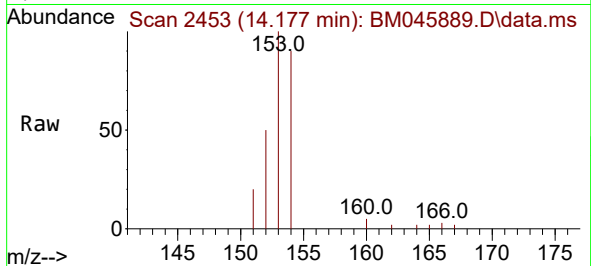




#11
Acenaphthene
Concen: 0.186 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

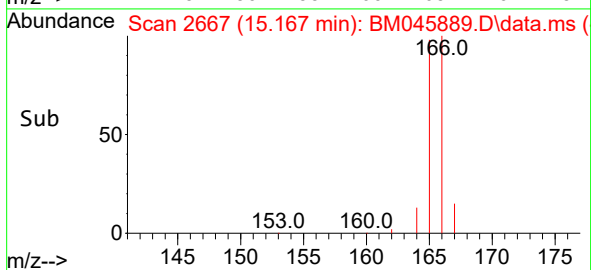
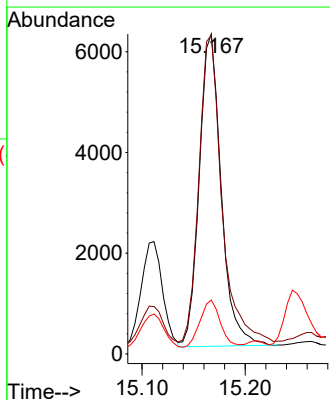
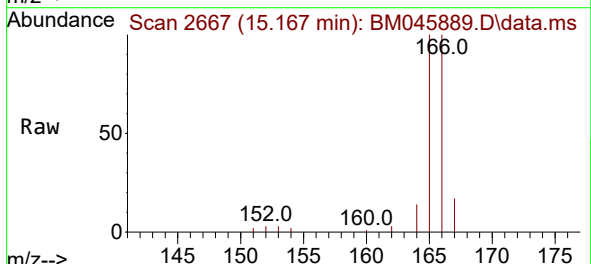
Instrument :
BNA_M
ClientSampleId :
A4C56

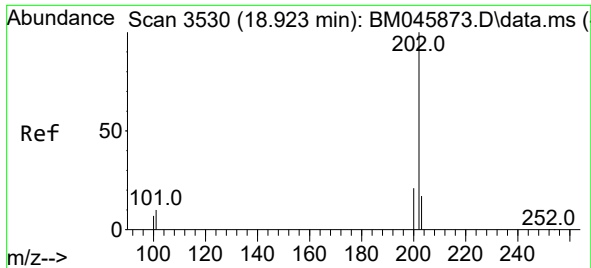
Tgt Ion:153 Resp: 6860
Ion Ratio Lower Upper
153 100
152 50.5 39.0 58.4
154 89.9 69.4 104.2



#12
Fluorene
Concen: 0.221 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Tgt Ion:166 Resp: 9143
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 16.9 11.3 16.9

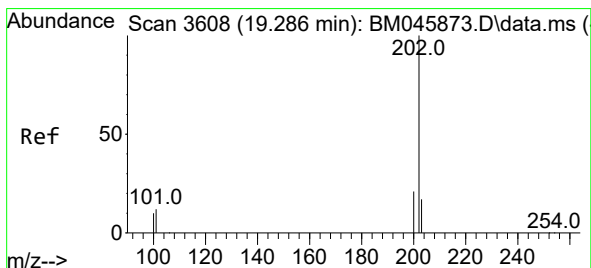
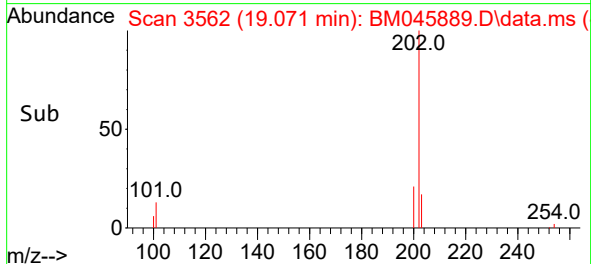
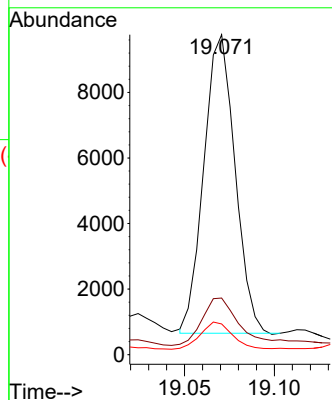
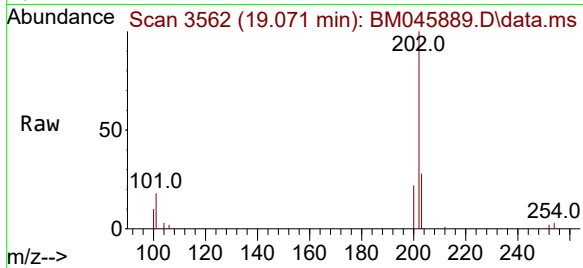




#19
Fluoranthene
Concen: 9.664 ng/ul
RT: 19.071 min Scan# 3562
Delta R.T. 0.149 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

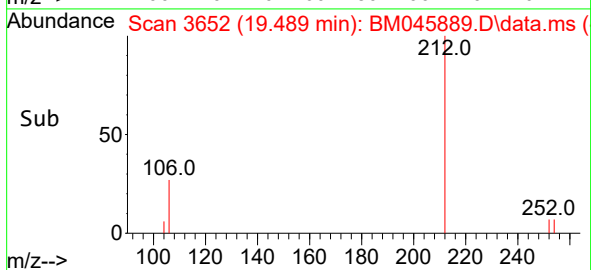
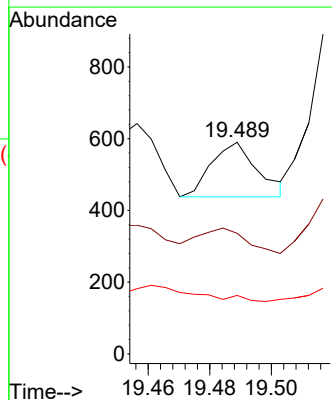
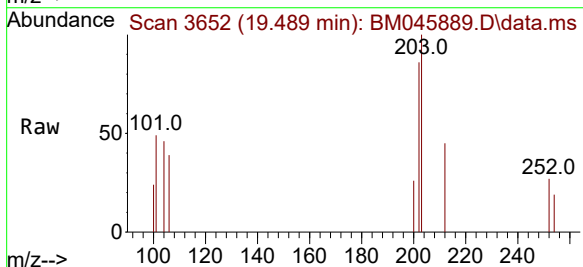
Instrument :
BNA_M
ClientSampleId :
A4C56

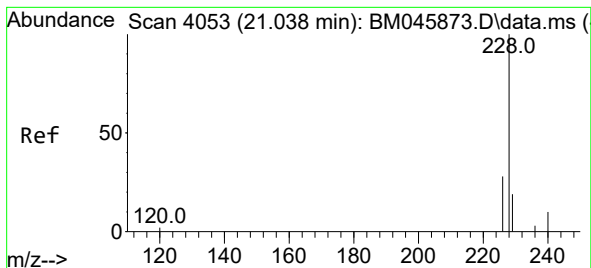
Tgt Ion:202 Resp: 10983
Ion Ratio Lower Upper
202 100
101 17.7 9.0 13.6#
100 9.6 7.0 10.6



#20
Pyrene
Concen: 0.132 ng/ul
RT: 19.489 min Scan# 3652
Delta R.T. 0.205 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Tgt Ion:202 Resp: 157
Ion Ratio Lower Upper
202 100
101 56.9 10.6 16.0#
100 27.6 9.1 13.7#





#21

Benzo(a)anthracene

Concen: 1.019 ng/ul

RT: 21.287 min Scan# 4138

Delta R.T. 0.251 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

Instrument :

BNA_M

ClientSampleId :

A4C56

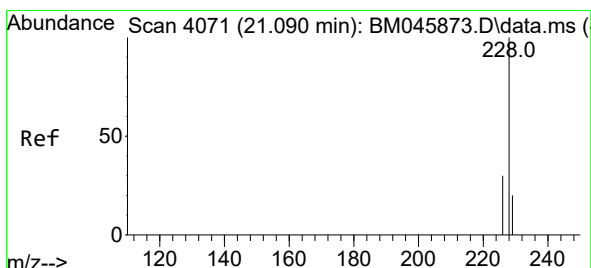
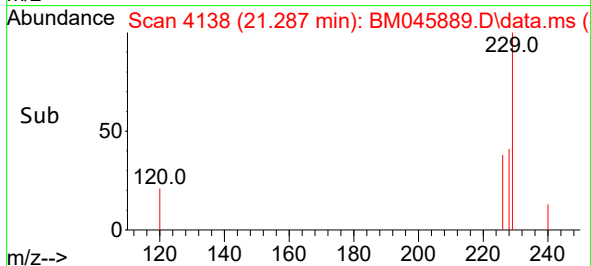
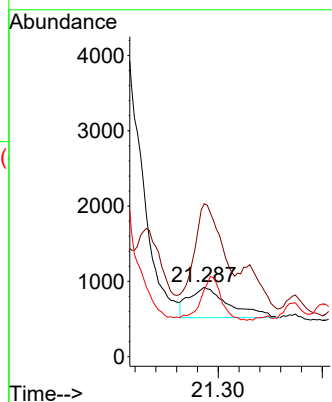
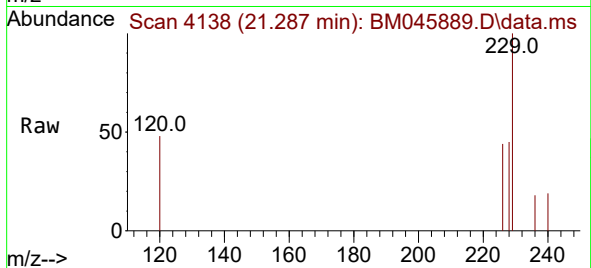
Tgt Ion:228 Resp: 1066

Ion Ratio Lower Upper

228 100

229 220.5 15.7 23.5#

226 96.9 22.0 33.0#



#22

Chrysene

Concen: 0.079 ng/ul

RT: 21.374 min Scan# 4168

Delta R.T. 0.286 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

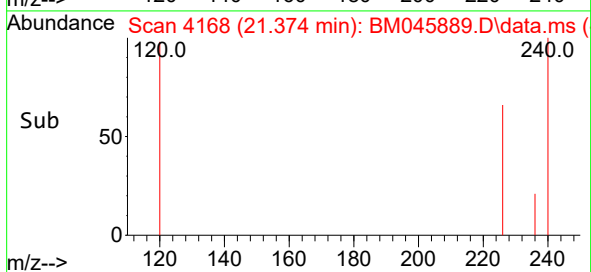
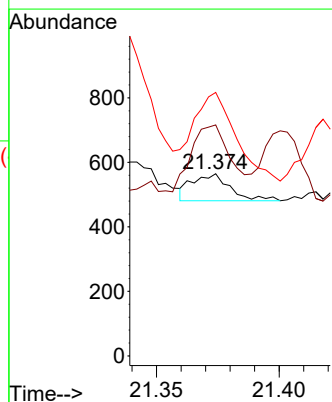
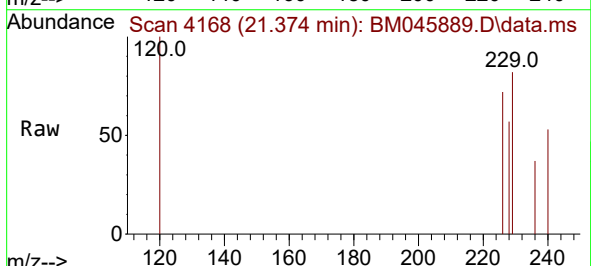
Tgt Ion:228 Resp: 90

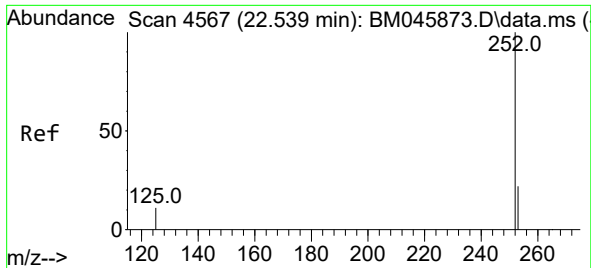
Ion Ratio Lower Upper

228 100

226 126.7 24.5 36.7#

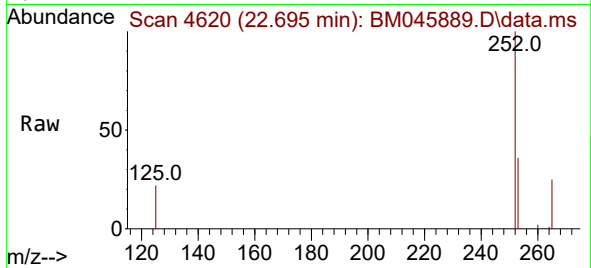
229 144.6 16.2 24.2#



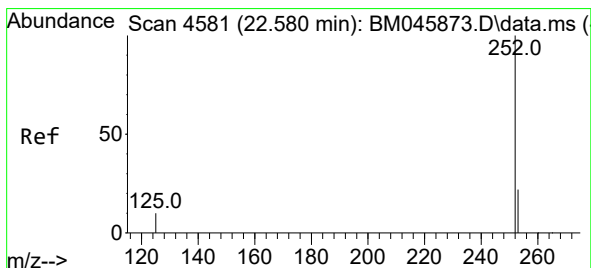
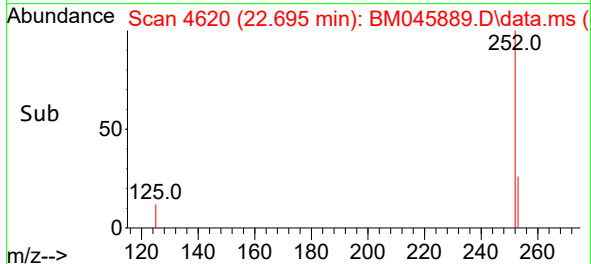
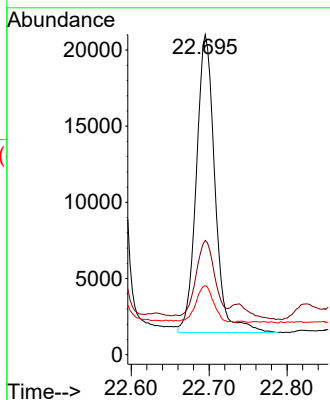


#24
Benzo(b)fluoranthene
Concen: 3.802 ng/ul
RT: 22.695 min Scan# 4620
Delta R.T. 0.158 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Instrument :
BNA_M
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A4C56

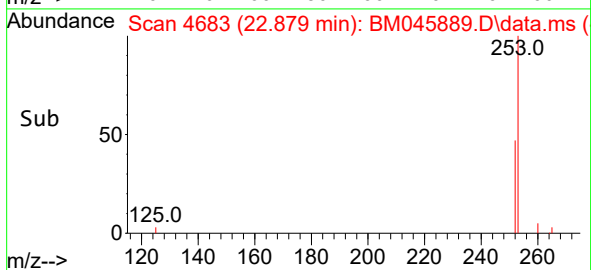
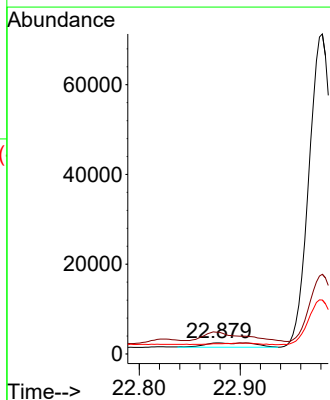
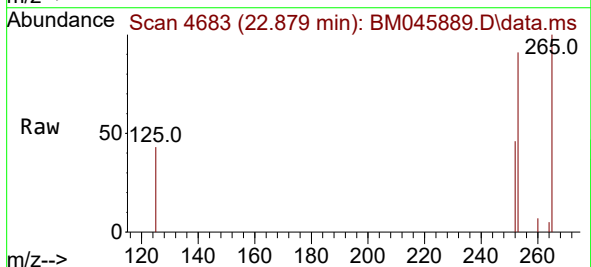


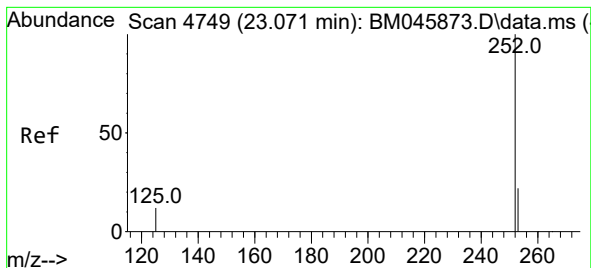
Tgt Ion:252 Resp: 32456
Ion Ratio Lower Upper
252 100
253 35.7 0.0 63.6
125 21.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 22.879 min Scan# 4683
Delta R.T. 0.298 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Tgt Ion:252 Resp: 3321
Ion Ratio Lower Upper
252 100
253 196.1 25.0 37.6#
125 93.1 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 4.642 ng/ul

RT: 23.204 min Scan# 41

Delta R.T. 0.132 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

Instrument :

BNA_M

ClientSampleId :

A4C56

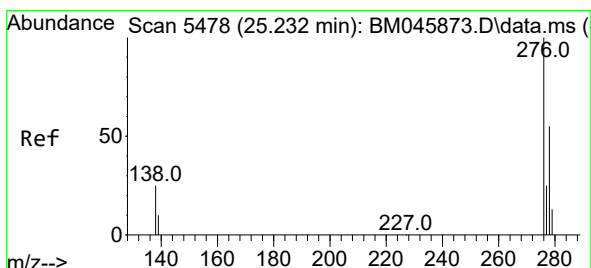
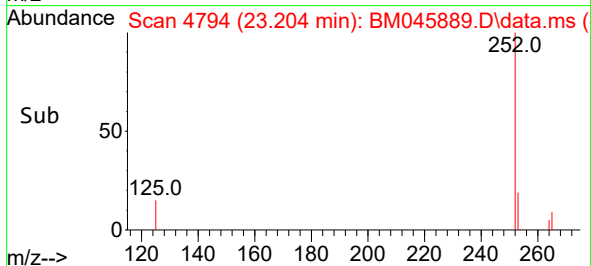
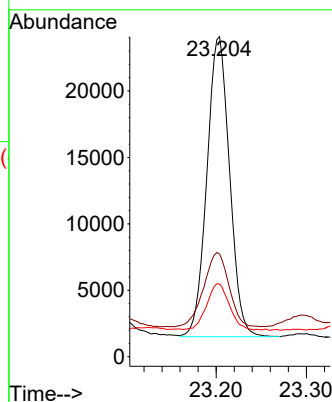
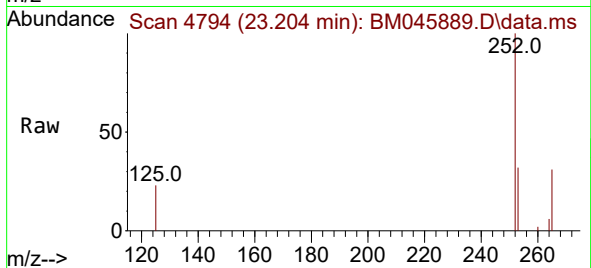
Tgt Ion:252 Resp: 39414

Ion Ratio Lower Upper

252 100

253 32.1 28.8 43.2

125 22.7 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/ul

RT: 25.464 min Scan# 5547

Delta R.T. 0.232 min

Lab File: BM045889.D

Acq: 07 Jun 2024 20:30

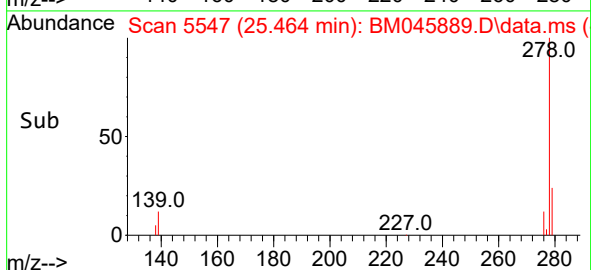
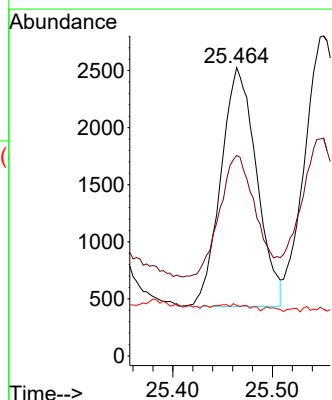
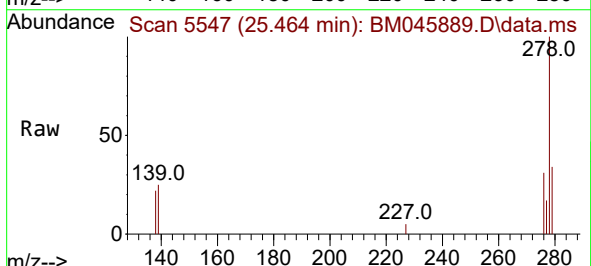
Tgt Ion:276 Resp: 5195

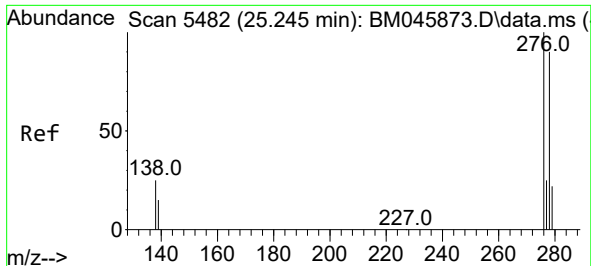
Ion Ratio Lower Upper

276 100

138 51.9 20.7 31.1#

227 2.3 0.2 0.2#

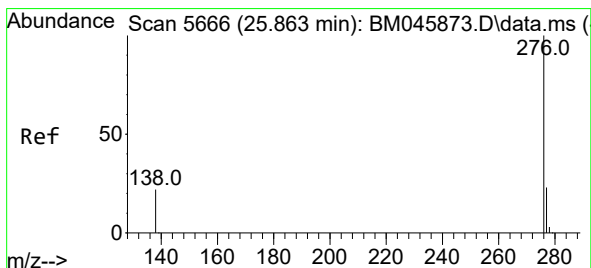
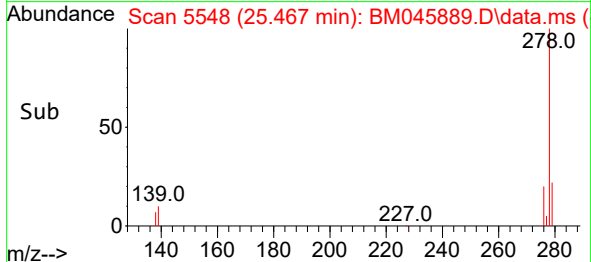
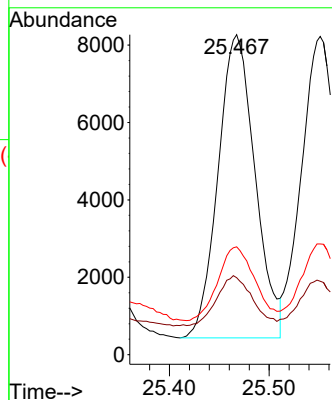
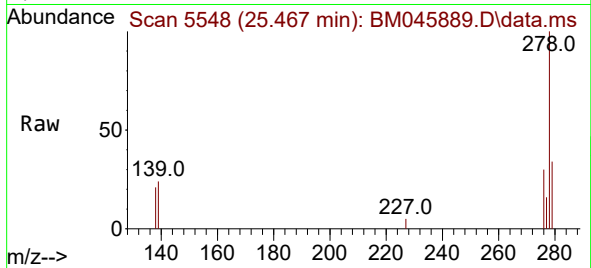




#28
Dibenzo(a,h)anthracene
Concen: 2.304 ng/ul
RT: 25.467 min Scan# 51
Delta R.T. 0.219 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Instrument :
BNA_M
ClientSampleId :
A4C56

Tgt Ion:278 Resp: 20224
Ion Ratio Lower Upper
278 100
139 24.0 16.6 25.0
279 33.7 24.6 37.0



#29
Benzo(g,h,i)perylene
Concen: 2.623 ng/ul
RT: 26.189 min Scan# 5763
Delta R.T. 0.326 min
Lab File: BM045889.D
Acq: 07 Jun 2024 20:30

Tgt Ion:276 Resp: 24836
Ion Ratio Lower Upper
276 100
138 29.6 21.0 31.4
277 34.2 20.5 30.7#

