

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042231.D
 Acq On : 09 Oct 2023 19:33
 Operator : MA/JU
 Sample : PB156201BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK201

Quant Time: Oct 10 00:01:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 23:59:28 2023
 Response via : Initial Calibration

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

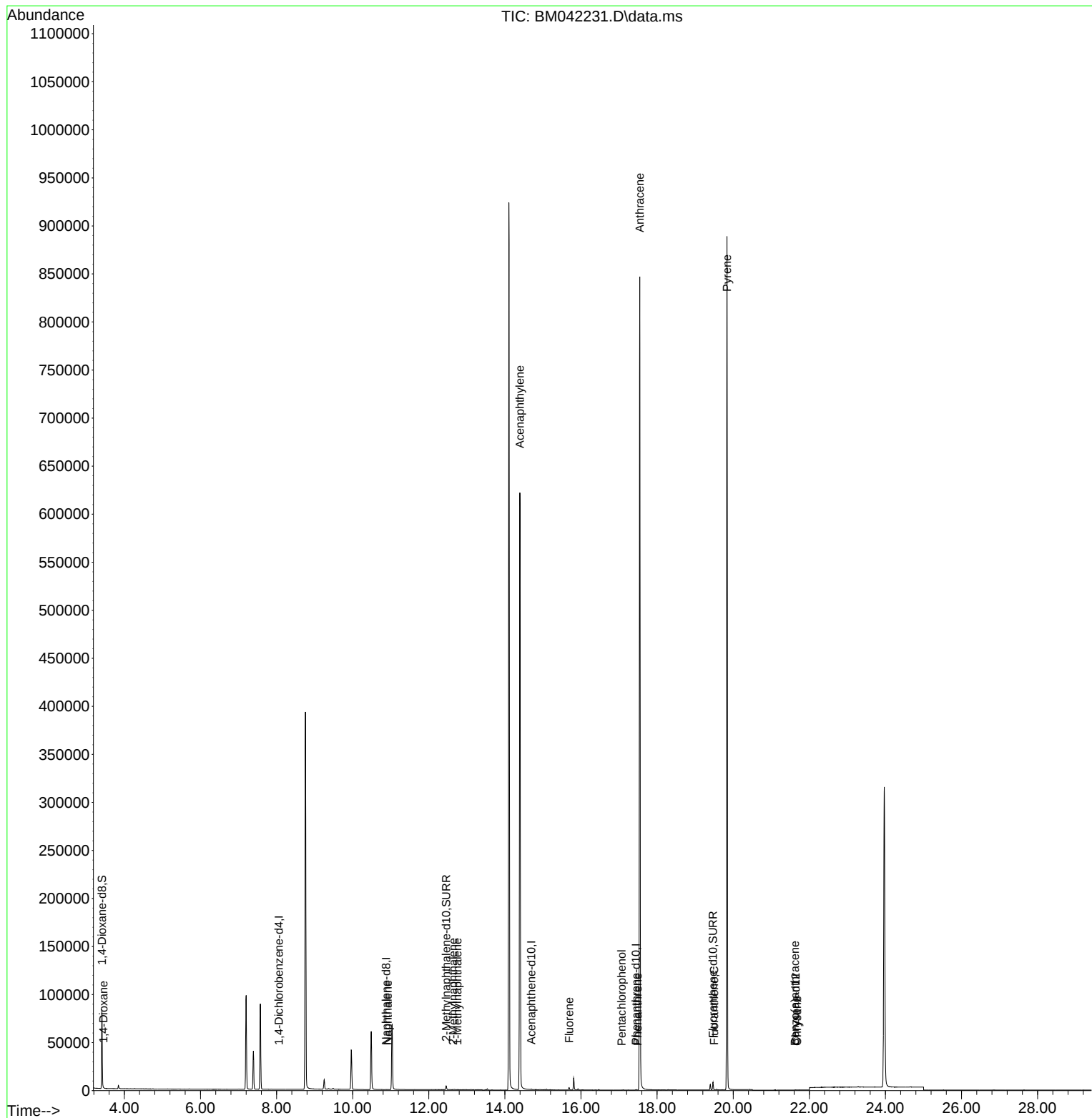
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	2	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.878	136	78	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.694	164	269	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.447	188	409	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.638	240	148	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	43299	16257.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5355	50.057	ng/ul	0.00
18) Fluoranthene-d10	19.468	212	6503	11.703	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	23	8.269	ng/ul#	1
5) Naphthalene	10.922	128	144	0.553	ng/ul#	1
7) 2-Methylnaphthalene	12.638	142	10	0.064	ng/ul	87
8) 1-Methylnaphthalene	12.753	142	23	0.147	ng/ul	99
10) Acenaphthylene	14.393	152	114	0.067	ng/ul#	1
12) Fluorene	15.688	166	2382	1.644	ng/ul#	15
14) Pentachlorophenol	17.071	266	5	0.027	ng/ul#	1
15) Phenanthrene	17.489	178	45	0.027	ng/ul#	1
16) Anthracene	17.544	178	485	0.314	ng/ul#	1
19) Fluoranthene	19.496	202	43	0.038	ng/ul#	1
20) Pyrene	19.835	202	1811	1.516	ng/ul#	1
21) Benzo(a)anthracene	21.620	228	90	0.094	ng/ul#	18
22) Chrysene	21.679	228	86	0.092	ng/ul#	28

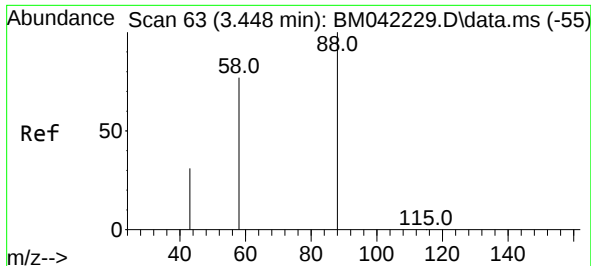
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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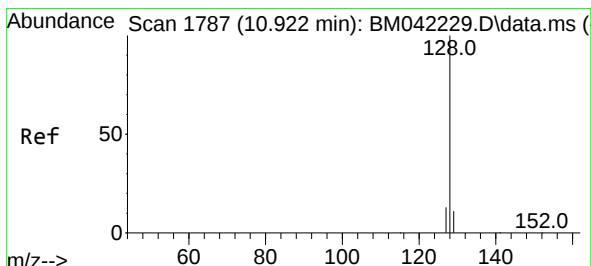
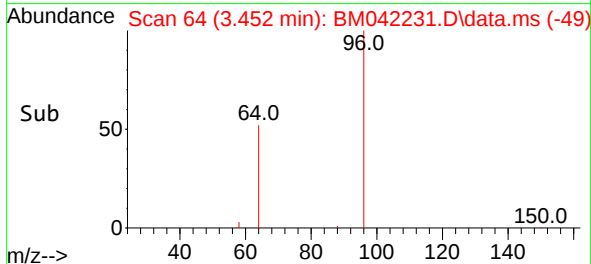
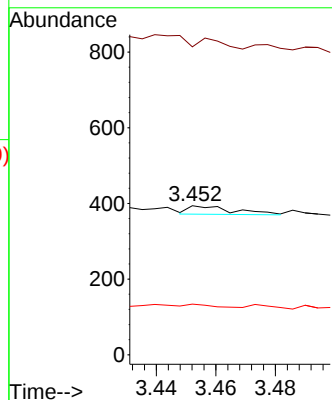
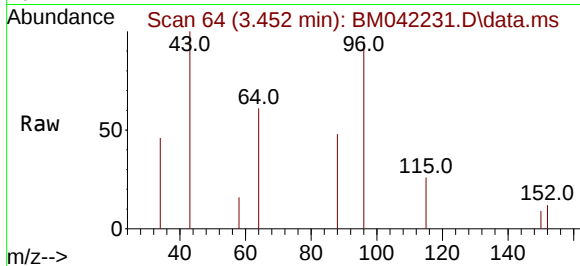




#2
1,4-Dioxane
Concen: 8.269 ng/ul
RT: 3.452 min Scan# 64
Delta R.T. 0.004 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

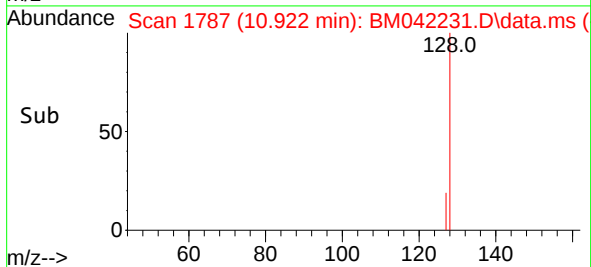
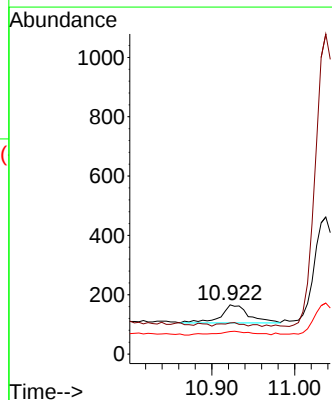
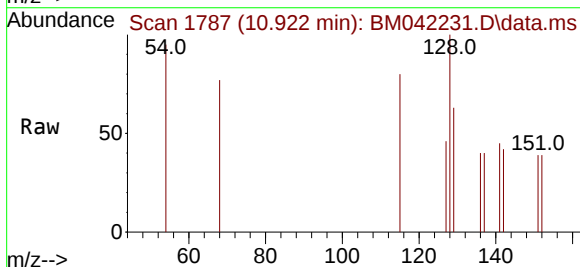
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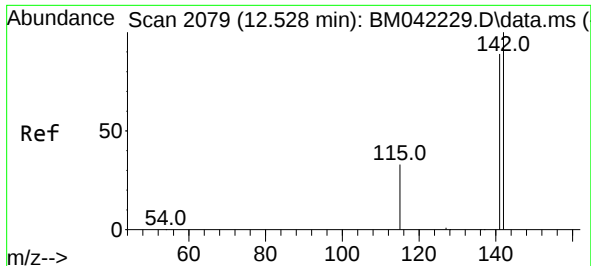
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 206.6 52.1 78.1#
58 34.0 53.8 80.6#



#5
Naphthalene
Concen: 0.553 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

Tgt Ion: 128 Resp: 144
Ion Ratio Lower Upper
128 100
129 63.3 9.4 14.2#
127 45.8 11.0 16.4#

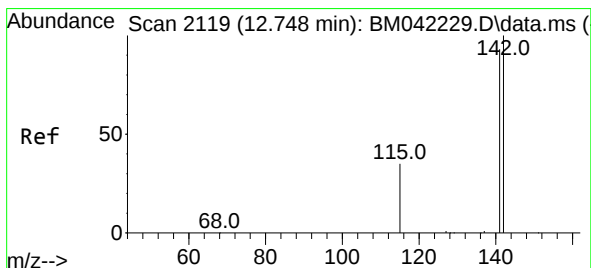
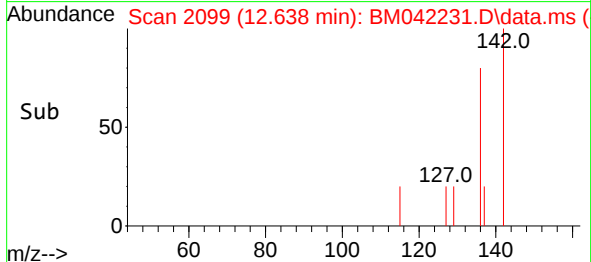
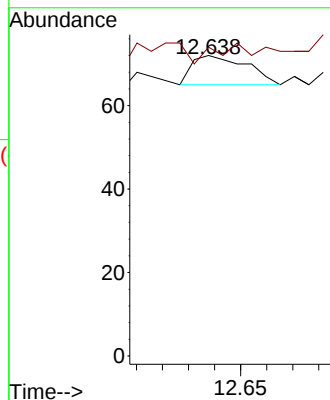
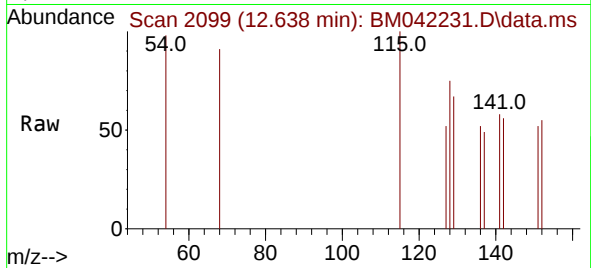




#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.638 min Scan# 2079
Delta R.T. 0.110 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

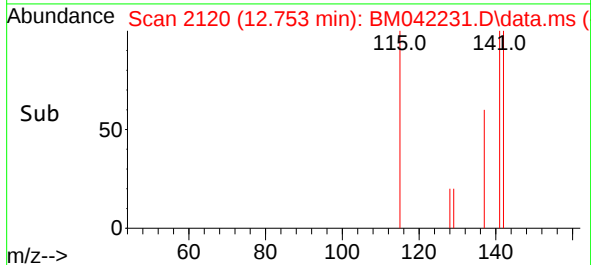
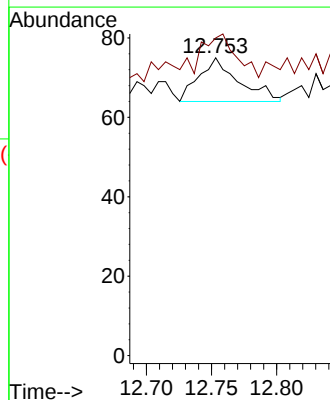
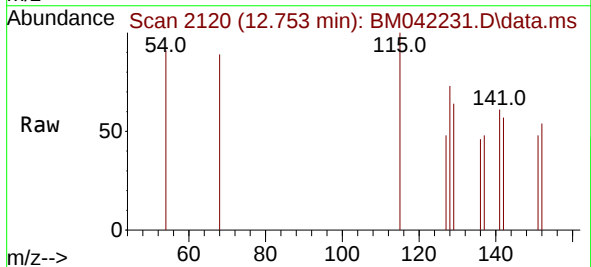
Instrument :
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ClientSampleId :
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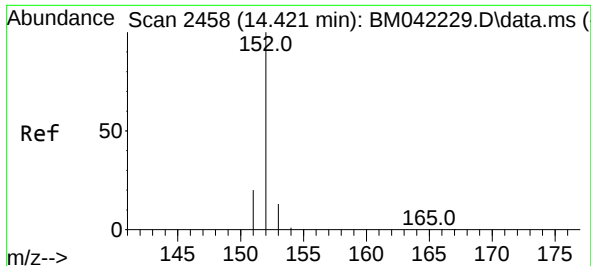
Tgt Ion:142 Resp: 10
Ion Ratio Lower Upper
142 100
141 100.0 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.753 min Scan# 2120
Delta R.T. 0.005 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3

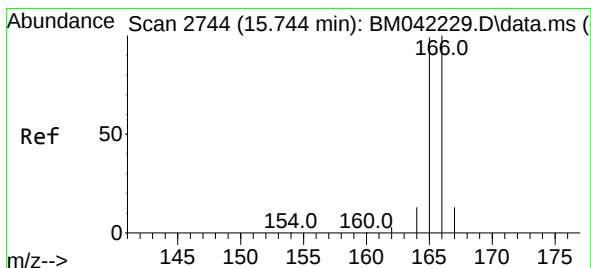
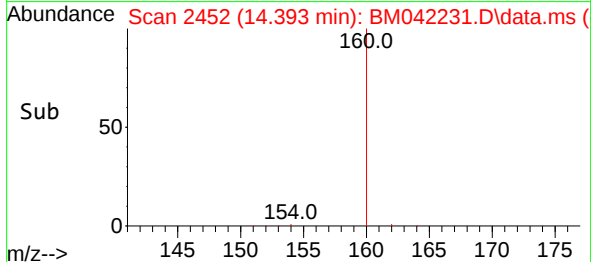
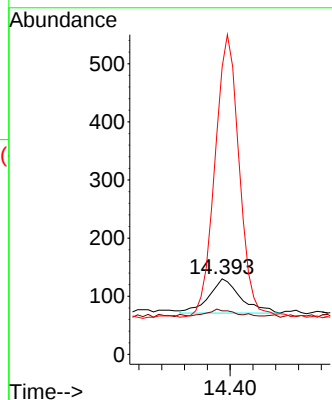
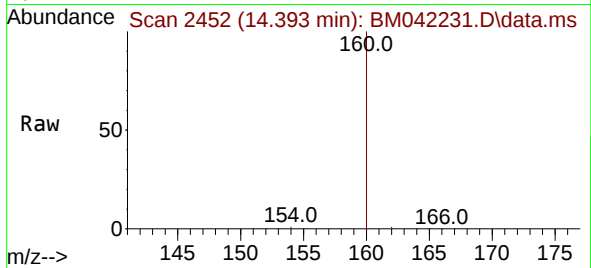




#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. -0.028 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

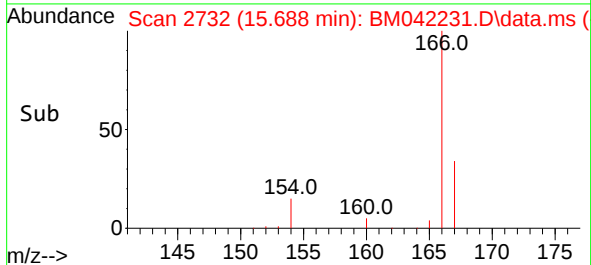
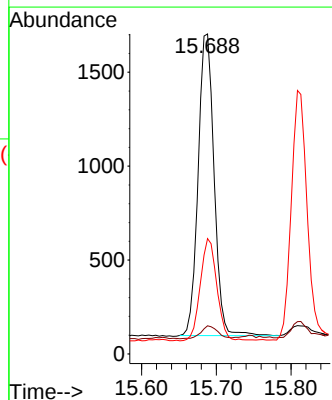
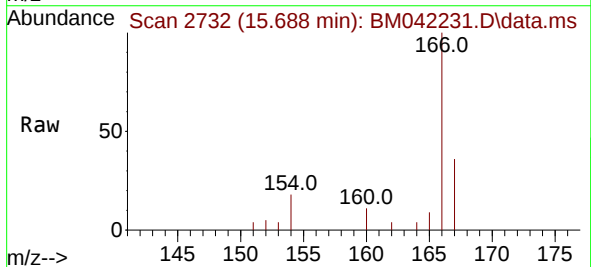
Instrument :
BNA_M
ClientSampleId :
SBLK201

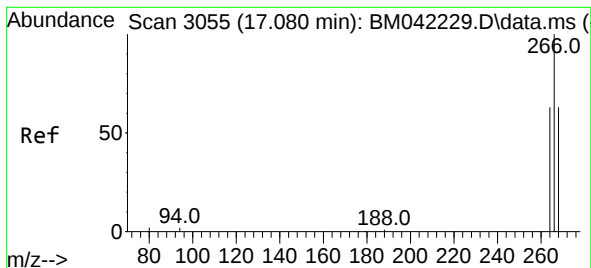
Tgt Ion:152 Resp: 114
Ion Ratio Lower Upper
152 100
151 57.7 16.4 24.6#
153 380.0 10.9 16.3#



#12
Fluorene
Concen: 1.644 ng/ul
RT: 15.688 min Scan# 2732
Delta R.T. -0.056 min
Lab File: BM042231.D
Acq: 09 Oct 2023 19:33

Tgt Ion:166 Resp: 2382
Ion Ratio Lower Upper
166 100
165 8.8 78.4 117.6#
167 36.0 11.5 17.3#





#14

Pentachlorophenol

Concen: 0.027 ng/ul

RT: 17.071 min Scan# 3053

Delta R.T. -0.009 min

Lab File: BM042231.D

Acq: 09 Oct 2023 19:33

Instrument :

BNA_M

ClientSampleId :

SBLK201

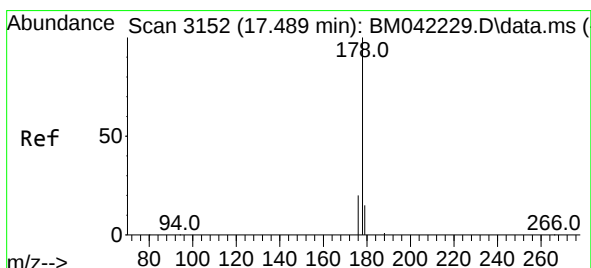
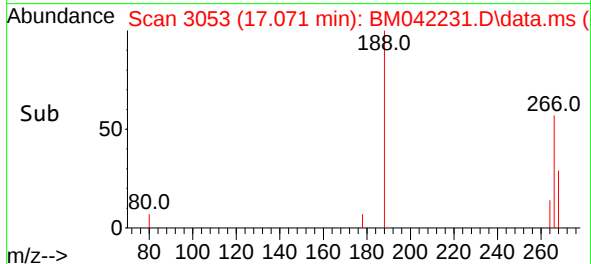
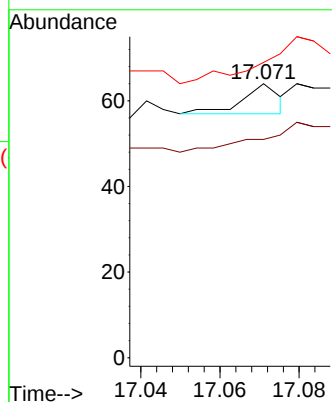
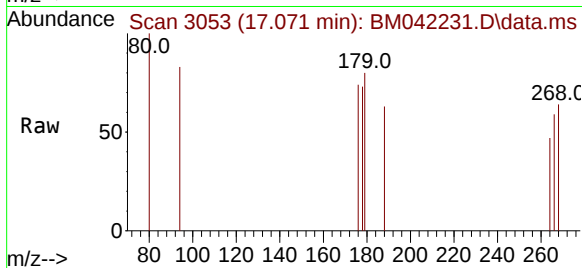
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 240.0 51.1 76.7#

268 320.0 52.1 78.1#



#15

Phenanthrene

Concen: 0.027 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. -0.000 min

Lab File: BM042231.D

Acq: 09 Oct 2023 19:33

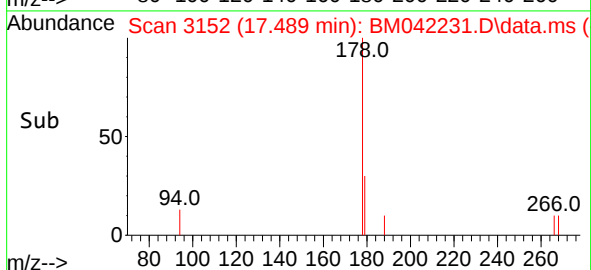
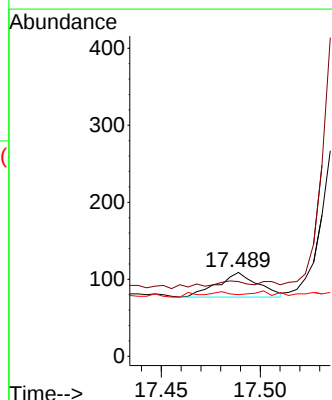
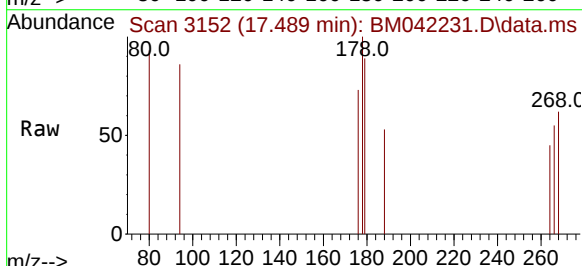
Tgt Ion:178 Resp: 45

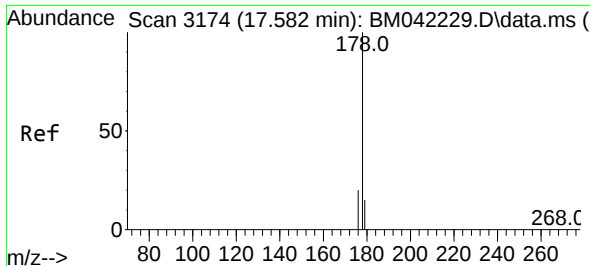
Ion Ratio Lower Upper

178 100

179 89.0 13.0 19.4#

176 73.4 16.8 25.2#

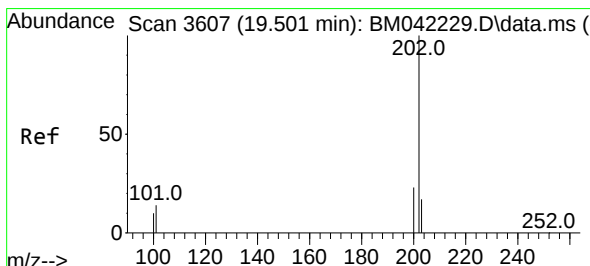
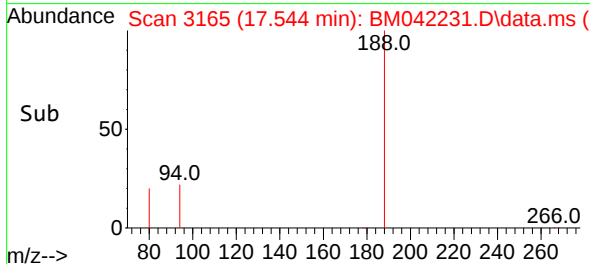
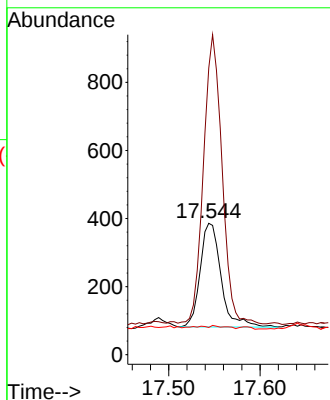
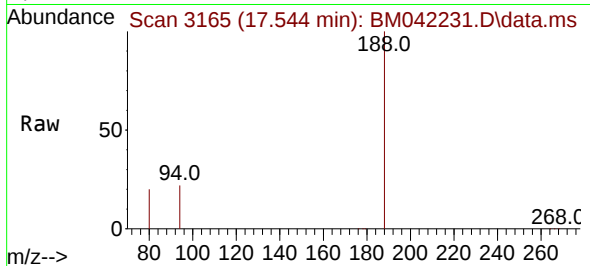




#16
 Anthracene
 Concen: 0.314 ng/ul
 RT: 17.544 min Scan# 3174
 Delta R.T. -0.038 min
 Lab File: BM042231.D
 Acq: 09 Oct 2023 19:33

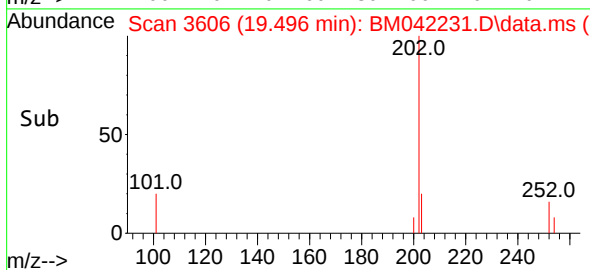
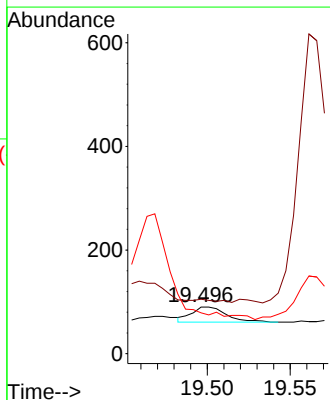
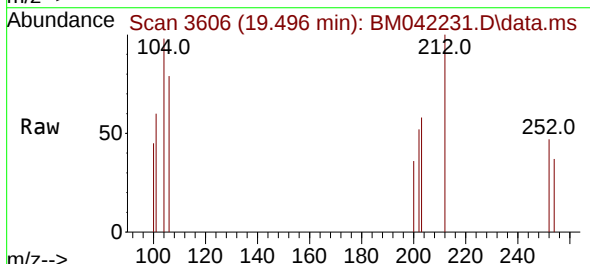
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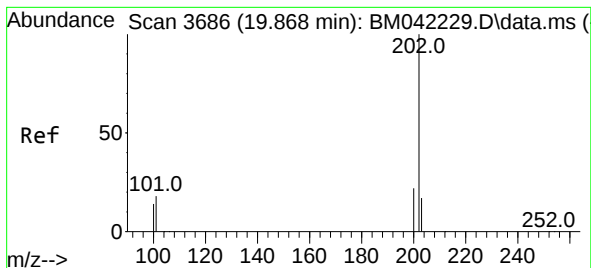
Tgt Ion:178 Resp: 485
 Ion Ratio Lower Upper
 178 100
 179 218.1 12.9 19.3#
 176 20.7 16.3 24.5



#19
 Fluoranthene
 Concen: 0.038 ng/ul
 RT: 19.496 min Scan# 3606
 Delta R.T. -0.005 min
 Lab File: BM042231.D
 Acq: 09 Oct 2023 19:33

Tgt Ion:202 Resp: 43
 Ion Ratio Lower Upper
 202 100
 101 116.7 11.1 16.7#
 100 87.8 8.2 12.2#





#20

Pyrene

Concen: 1.516 ng/ul

RT: 19.835 min Scan# 3

Delta R.T. -0.033 min

Lab File: BM042231.D

Acq: 09 Oct 2023 19:33

Instrument :

BNA_M

ClientSampleId :

SBLK201

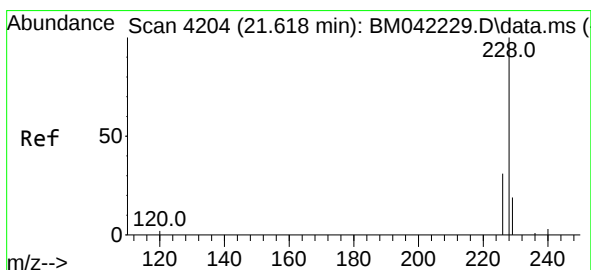
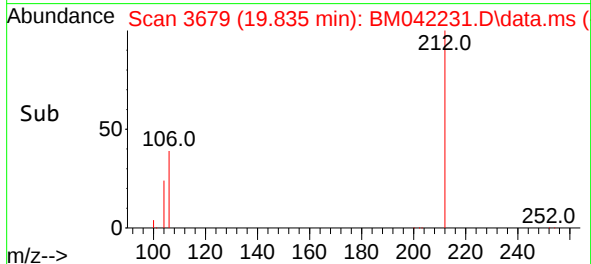
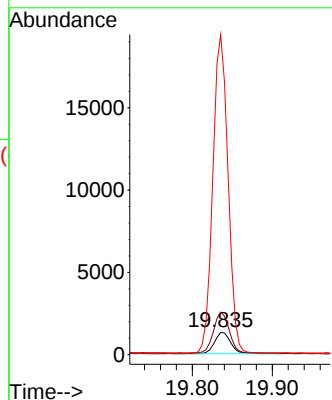
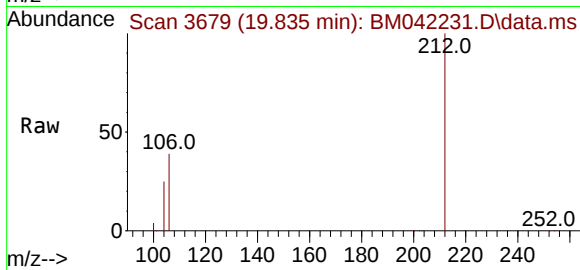
Tgt Ion:202 Resp: 1811

Ion Ratio Lower Upper

202 100

101 189.9 12.7 19.1#

100 1426.3 9.9 14.9#



#21

Benzo(a)anthracene

Concen: 0.094 ng/ul

RT: 21.620 min Scan# 4205

Delta R.T. 0.003 min

Lab File: BM042231.D

Acq: 09 Oct 2023 19:33

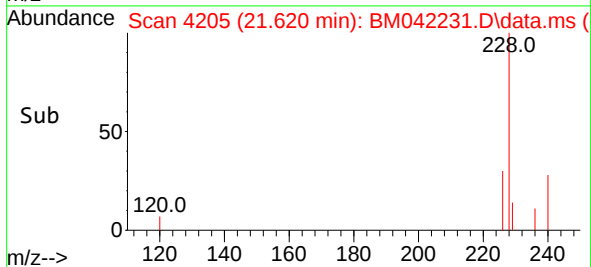
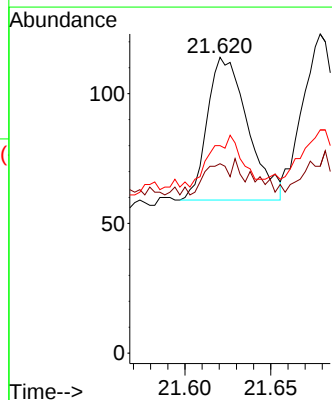
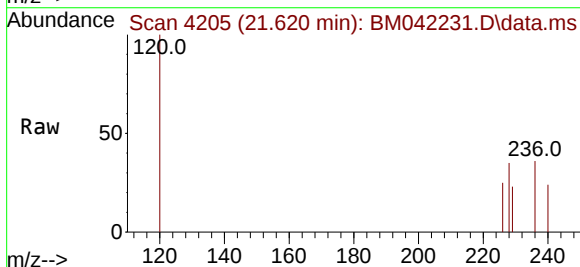
Tgt Ion:228 Resp: 90

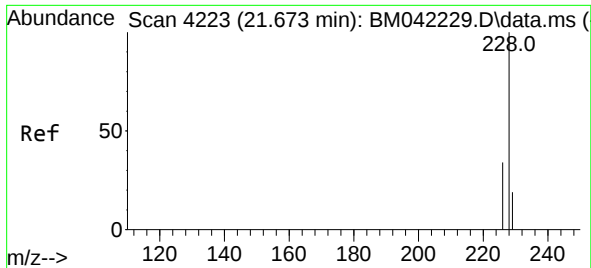
Ion Ratio Lower Upper

228 100

229 64.0 15.8 23.8#

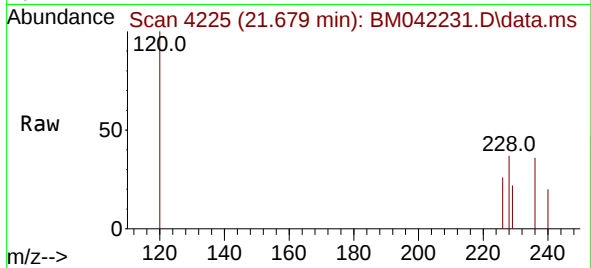
226 70.2 24.6 37.0#





#22
 Chrysene
 Concen: 0.092 ng/ul
 RT: 21.679 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BM042231.D
 Acq: 09 Oct 2023 19:33

Instrument :
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Tgt Ion:228 Resp: 86
 Ion Ratio Lower Upper
 228 100
 226 69.9 26.7 40.1#
 229 58.5 15.8 23.8#

