

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042201.D
 Acq On : 05 Oct 2023 00:19
 Operator : MA/JU
 Sample : 04588-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK29

Quant Time: Oct 05 01:55:58 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 02 19:28:41 2023
 Response via : Initial Calibration

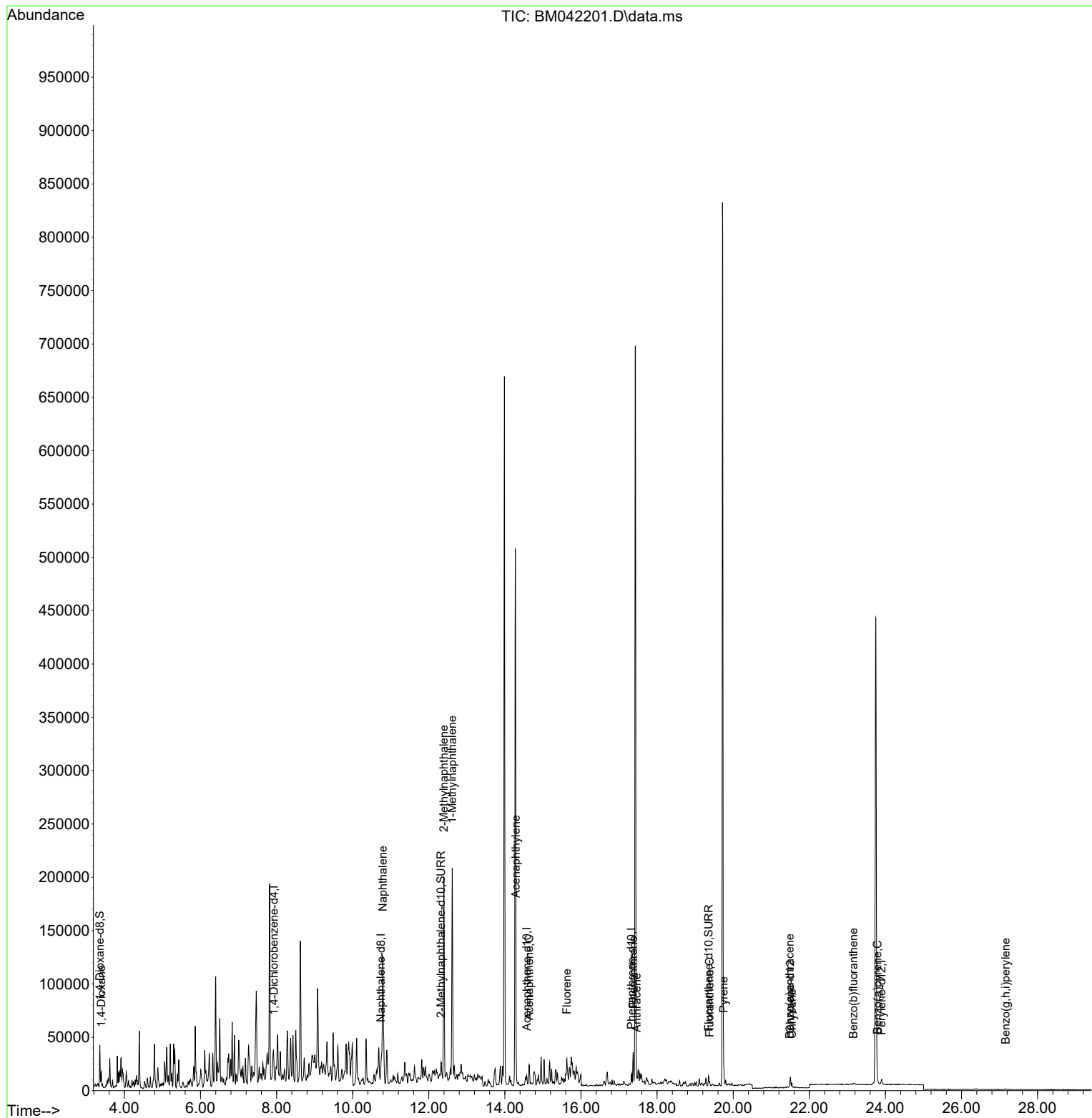
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3398	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.741	136	9100	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	4877	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.329	188	10691	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.501	240	6358	0.400	ng/ul	-0.01
23) Perylene-d12	23.901	264	7016	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	20271	4.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	4513	0.362	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	7961	0.334	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	8208	1.737	ng/ul	89
5) Naphthalene	10.790	128	175733	5.788	ng/ul	99
7) 2-Methylnaphthalene	12.396	142	131389	7.228	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	130934	7.151	ng/ul	99
10) Acenaphthylene	14.291	152	3072	0.100	ng/ul#	1
11) Acenaphthene	14.638	153	10932	0.469	ng/ul	93
12) Fluorene	15.628	166	14688	0.559	ng/ul#	92
15) Phenanthrene	17.371	178	33085	0.751	ng/ul#	93
16) Anthracene	17.464	178	2882	0.071	ng/ul#	55
19) Fluoranthene	19.380	202	3734	0.077	ng/ul#	75
20) Pyrene	19.747	202	14794	0.288	ng/ul#	86
21) Benzo(a)anthracene	21.483	228	3033	0.074	ng/ul#	64
22) Chrysene	21.539	228	3451	0.086	ng/ul#	66
24) Benzo(b)fluoranthene	23.161	252	1862	0.045	ng/ul#	4
26) Benzo(a)pyrene	23.793	252	1396	0.039	ng/ul#	18
29) Benzo(g,h,i)perylene	27.159	276	1600	0.038	ng/ul#	63

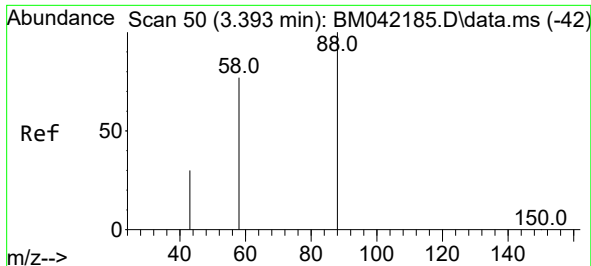
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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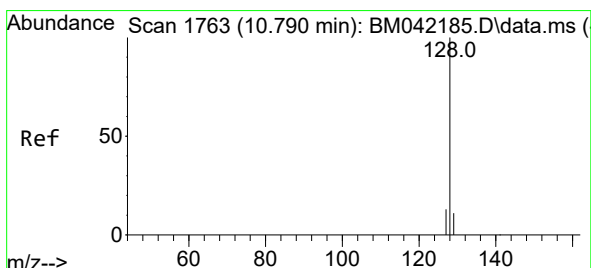
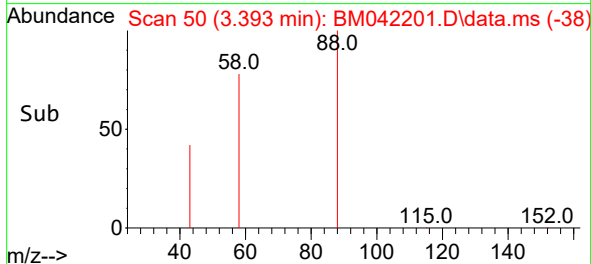
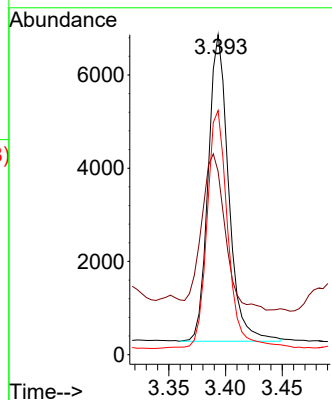
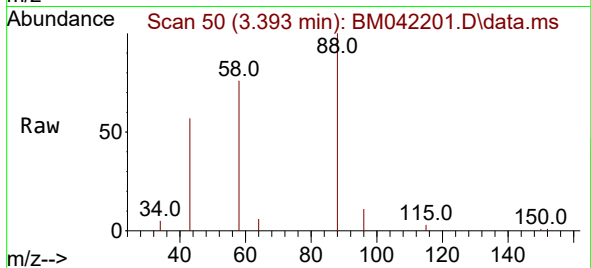




#2
1,4-Dioxane
Concen: 1.737 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

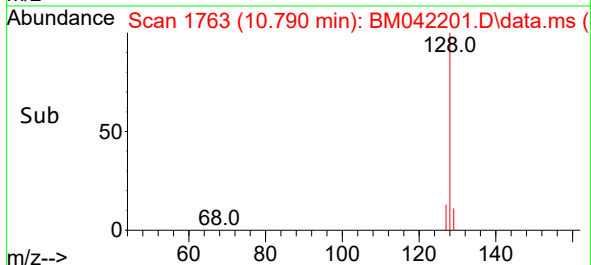
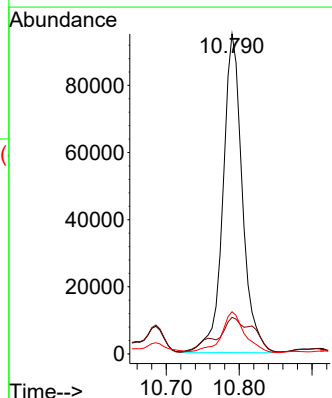
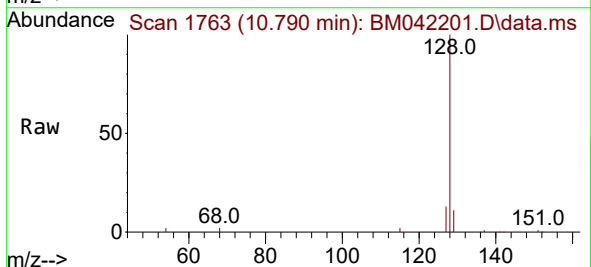
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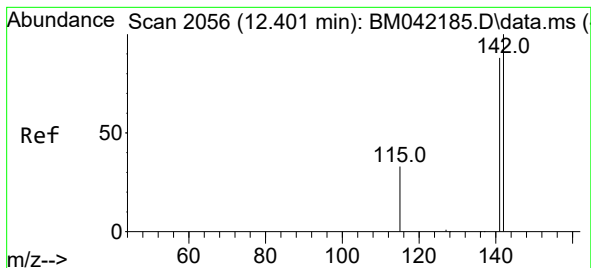
Tgt Ion: 88 Resp: 8208
Ion Ratio Lower Upper
88 100
43 57.2 52.1 78.1
58 76.3 53.8 80.6



#5
Naphthalene
Concen: 5.788 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

Tgt Ion: 128 Resp: 175733
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.2 11.0 16.4

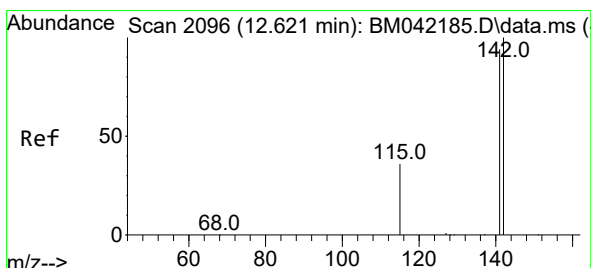
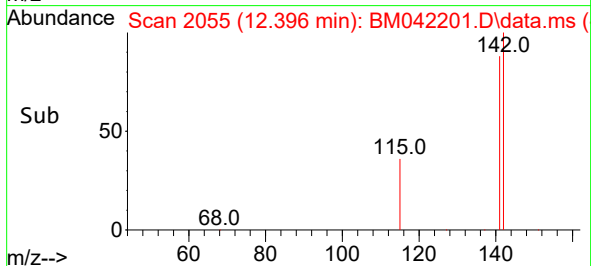
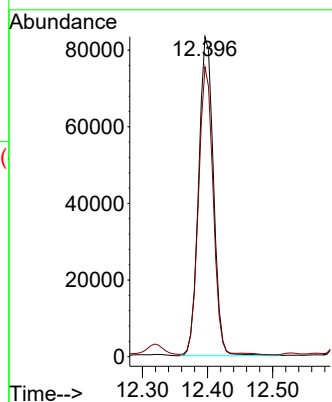
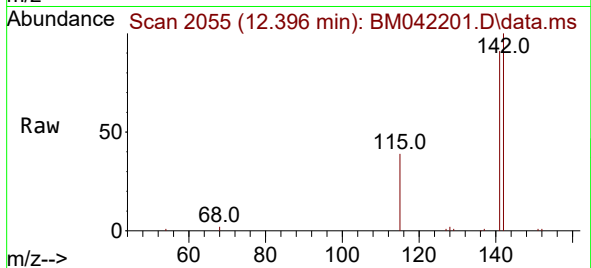




#7
2-Methylnaphthalene
Concen: 7.228 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

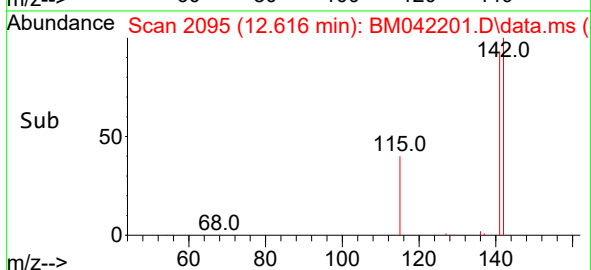
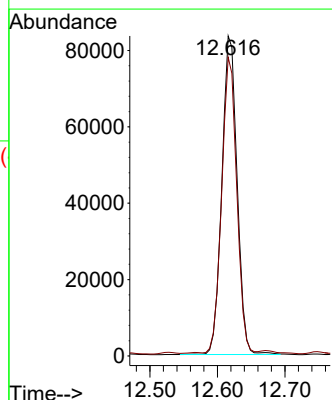
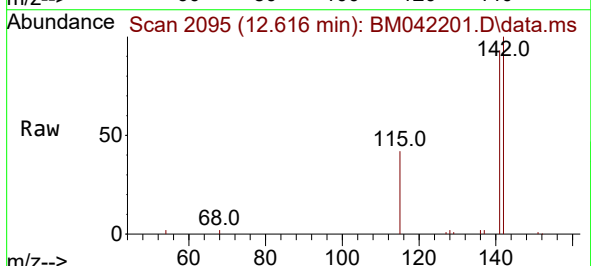
Instrument :
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ClientSampleId :
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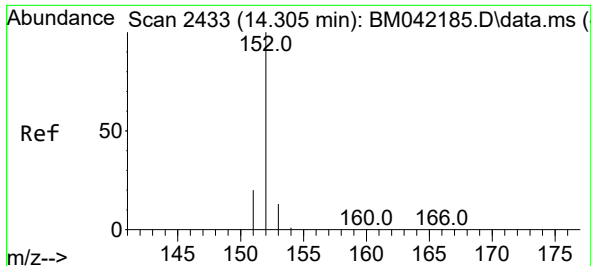
Tgt Ion:142 Resp: 131389
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4



#8
1-Methylnaphthalene
Concen: 7.151 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

Tgt Ion:142 Resp: 130934
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3

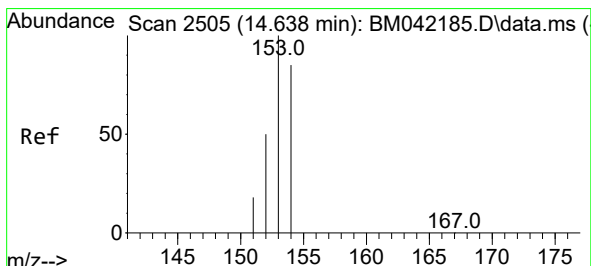
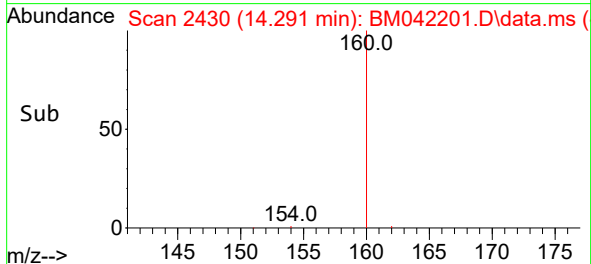
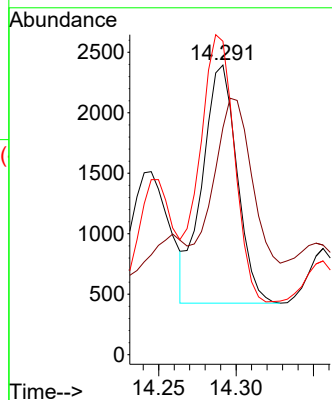
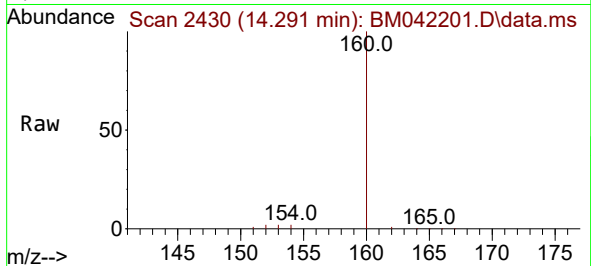




#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.291 min Scan# 2433
Delta R.T. -0.023 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

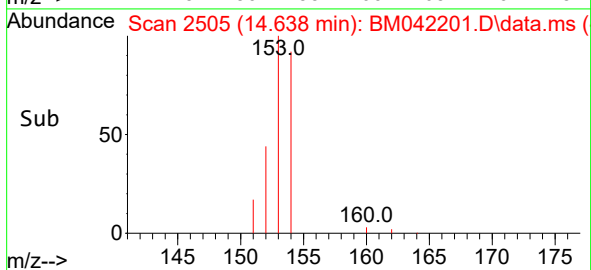
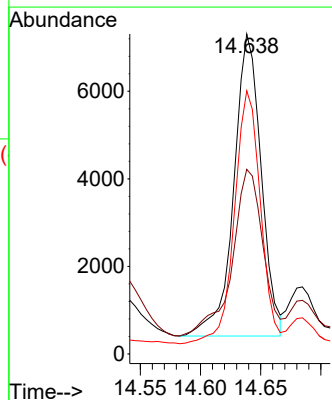
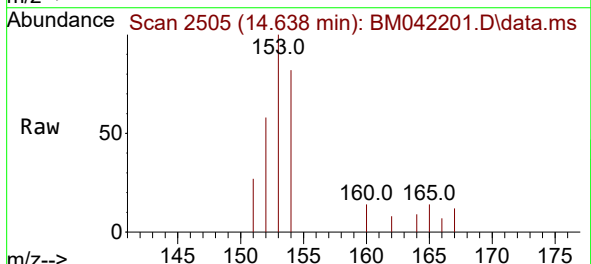
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ClientSampleId :
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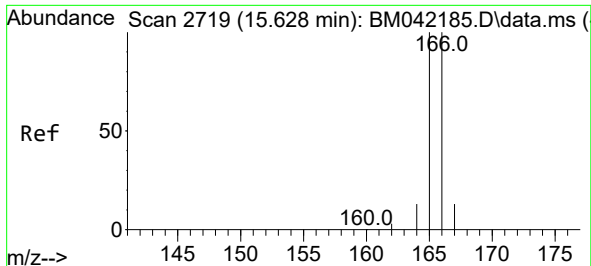
Tgt Ion:152 Resp: 3072
Ion Ratio Lower Upper
152 100
151 78.3 16.4 24.6#
153 108.2 10.9 16.3#



#11
Acenaphthene
Concen: 0.469 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

Tgt Ion:153 Resp: 10932
Ion Ratio Lower Upper
153 100
152 57.7 41.1 61.7
154 82.2 69.5 104.3

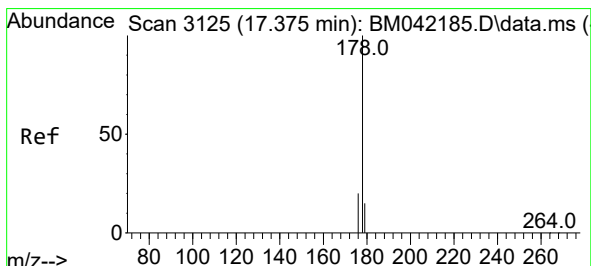
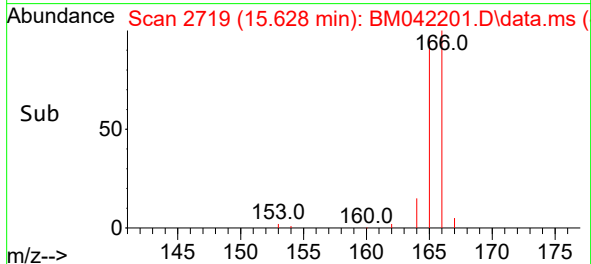
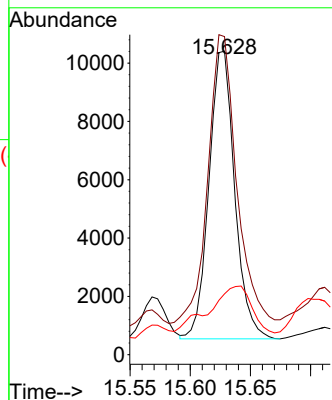
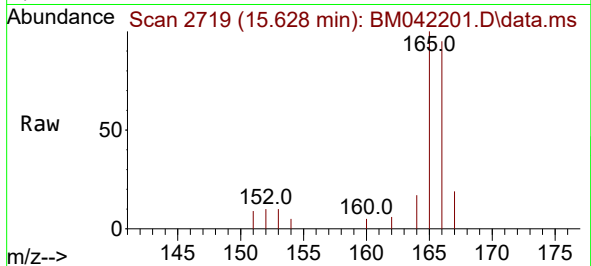




#12
Fluorene
Concen: 0.559 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

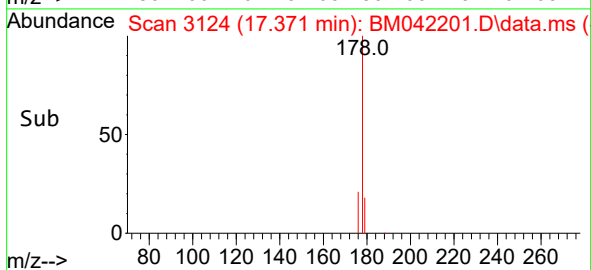
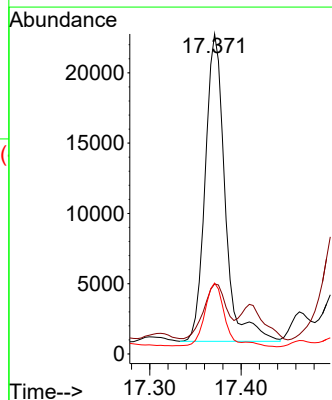
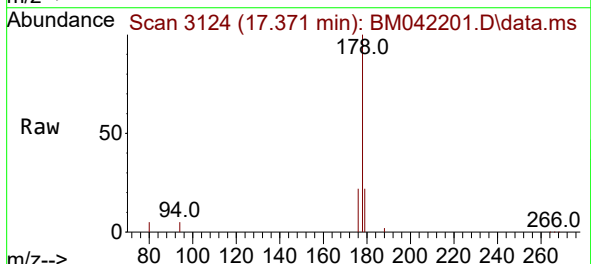
Instrument :
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ClientSampleId :
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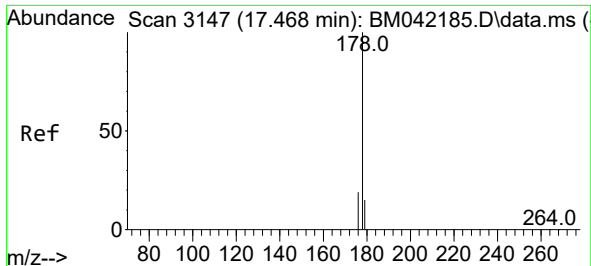
Tgt Ion:166 Resp: 14688
Ion Ratio Lower Upper
166 100
165 104.8 78.4 117.6
167 20.0 11.5 17.3#



#15
Phenanthrene
Concen: 0.751 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

Tgt Ion:178 Resp: 33085
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.4#
176 22.1 16.8 25.2

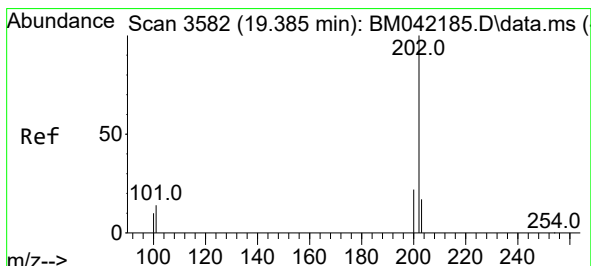
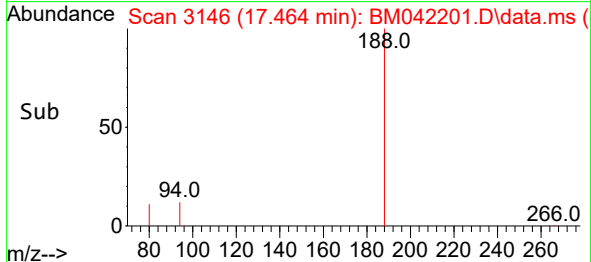
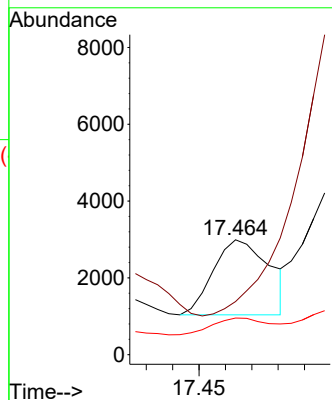
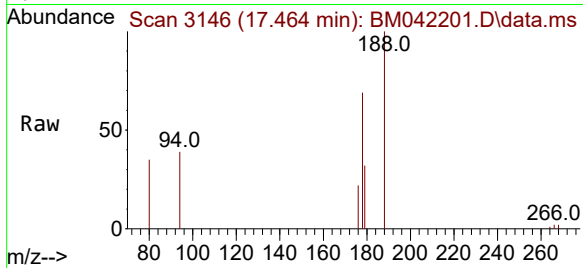




#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.464 min Scan# 3146
 Delta R.T. -0.013 min
 Lab File: BM042201.D
 Acq: 05 Oct 2023 00:19

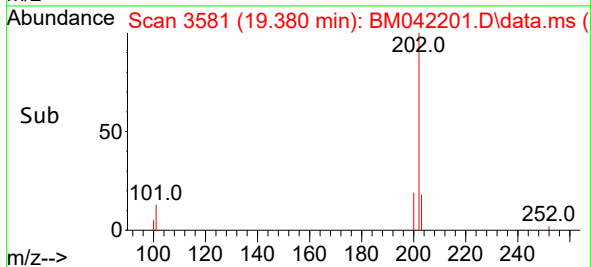
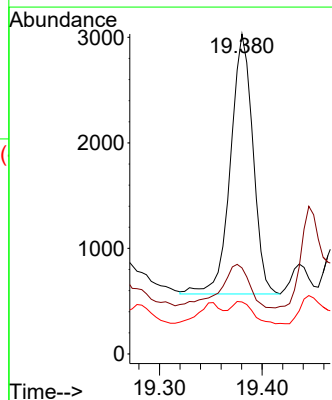
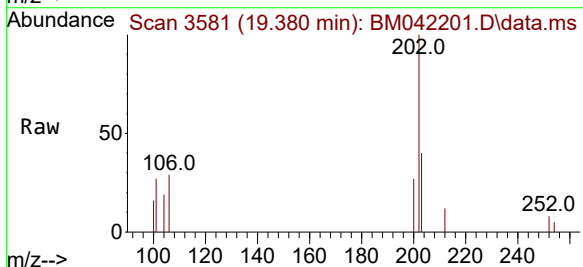
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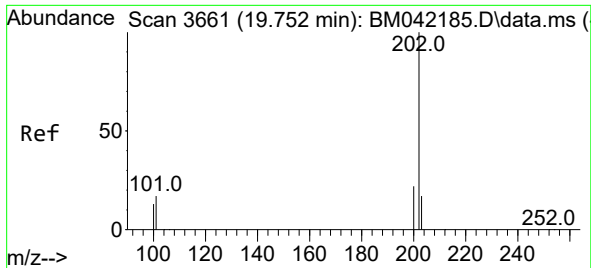
Tgt Ion:178 Resp: 2882
 Ion Ratio Lower Upper
 178 100
 179 46.3 12.9 19.3#
 176 31.9 16.3 24.5#



#19
 Fluoranthene
 Concen: 0.077 ng/ul
 RT: 19.380 min Scan# 3581
 Delta R.T. -0.014 min
 Lab File: BM042201.D
 Acq: 05 Oct 2023 00:19

Tgt Ion:202 Resp: 3734
 Ion Ratio Lower Upper
 202 100
 101 26.9 11.1 16.7#
 100 16.3 8.2 12.2#

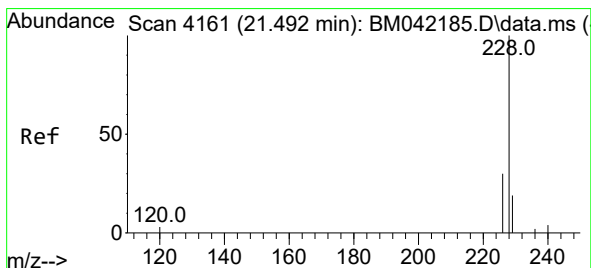
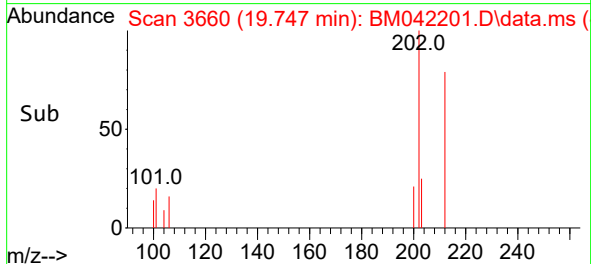
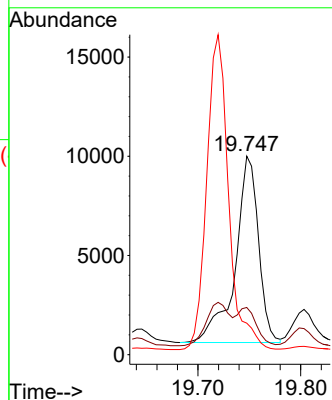
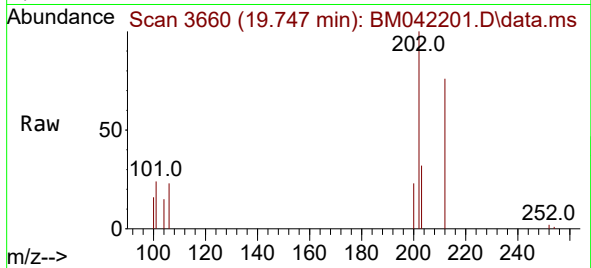




#20
Pyrene
Concen: 0.288 ng/ul
RT: 19.747 min Scan# 3660
Delta R.T. -0.014 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

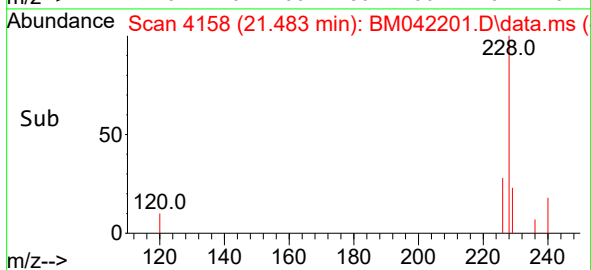
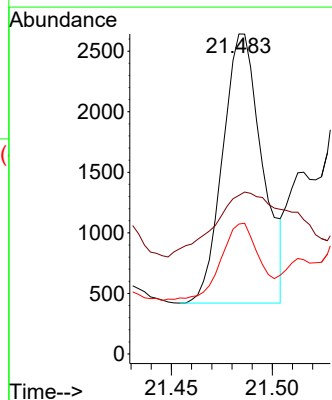
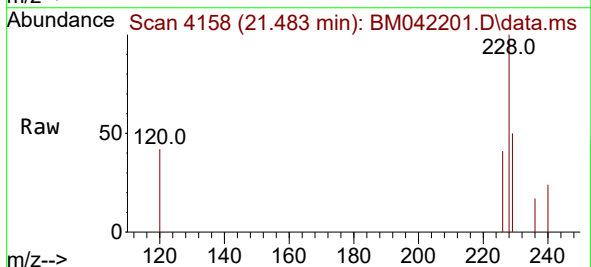
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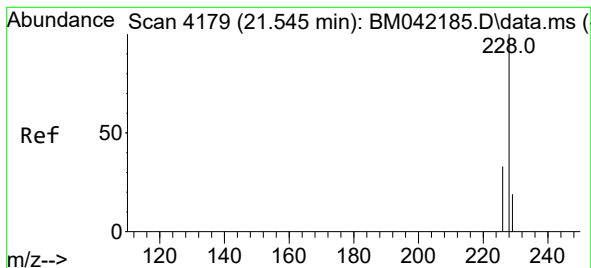
Tgt Ion:202 Resp: 14794
Ion Ratio Lower Upper
202 100
101 23.7 12.7 19.1#
100 15.9 9.9 14.9#



#21
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.015 min
Lab File: BM042201.D
Acq: 05 Oct 2023 00:19

Tgt Ion:228 Resp: 3033
Ion Ratio Lower Upper
228 100
229 49.5 15.8 23.8#
226 40.6 24.6 37.0#





#22

Chrysene

Concen: 0.086 ng/ul

RT: 21.539 min Scan# 4177

Delta R.T. -0.014 min

Lab File: BM042201.D

Acq: 05 Oct 2023 00:19

Instrument :

BNA_M

ClientSampleId :

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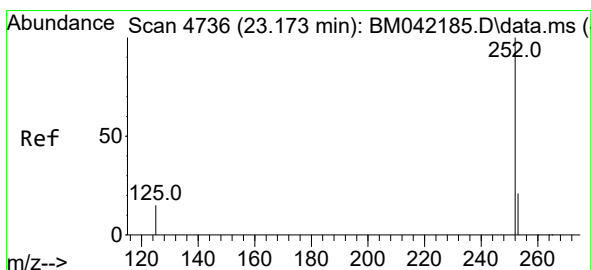
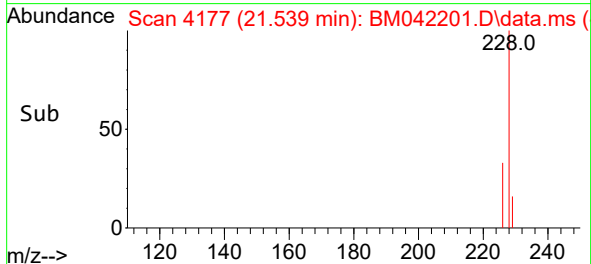
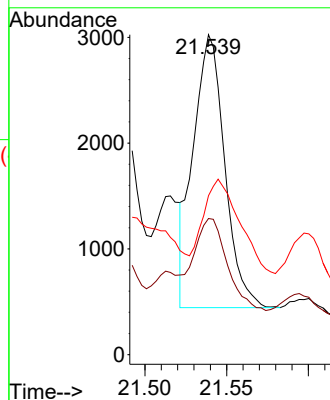
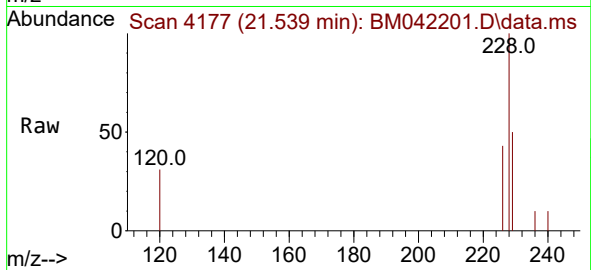
Tgt Ion:228 Resp: 3451

Ion Ratio Lower Upper

228 100

226 42.5 26.7 40.1#

229 49.7 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.045 ng/ul

RT: 23.161 min Scan# 4732

Delta R.T. -0.017 min

Lab File: BM042201.D

Acq: 05 Oct 2023 00:19

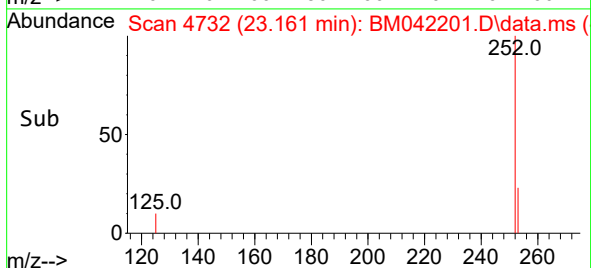
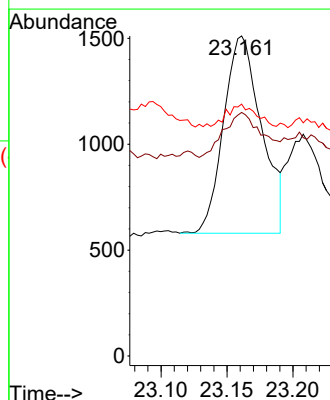
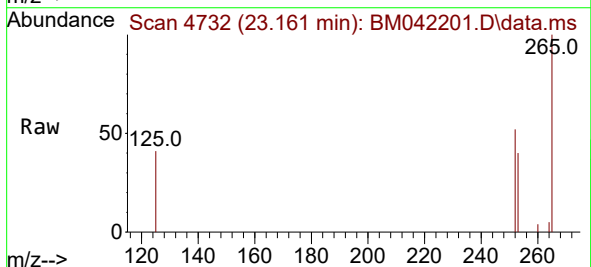
Tgt Ion:252 Resp: 1862

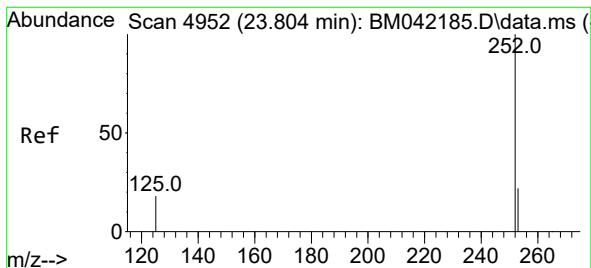
Ion Ratio Lower Upper

252 100

253 76.1 0.0 59.0#

125 78.7 0.0 49.6#





#26

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.793 min Scan# 4952

Delta R.T. -0.023 min

Lab File: BM042201.D

Acq: 05 Oct 2023 00:19

Instrument :

BNA_M

ClientSampleId :

BBK29

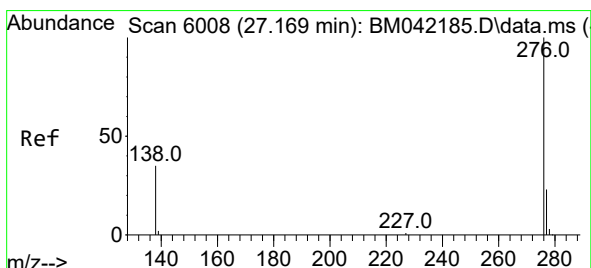
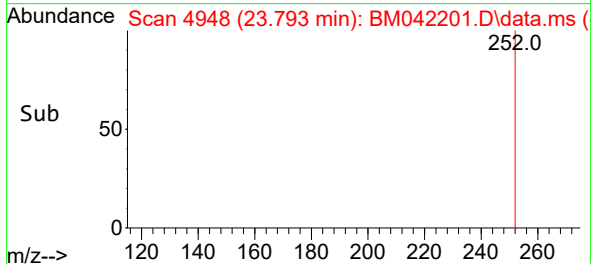
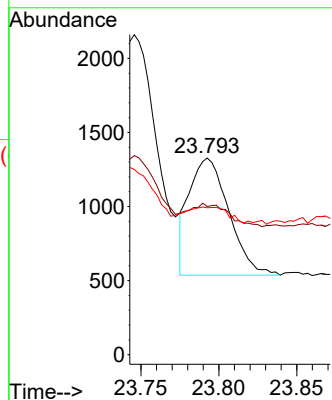
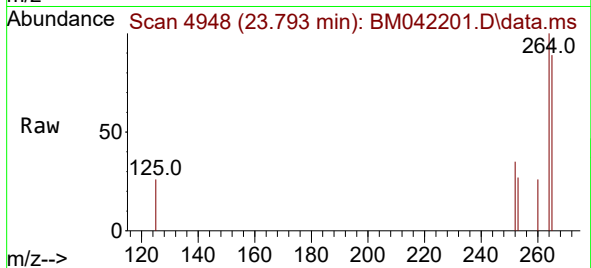
Tgt Ion:252 Resp: 1396

Ion Ratio Lower Upper

252 100

253 75.4 25.3 37.9#

125 74.7 23.2 34.8#



#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 27.159 min Scan# 6005

Delta R.T. -0.037 min

Lab File: BM042201.D

Acq: 05 Oct 2023 00:19

Tgt Ion:276 Resp: 1600

Ion Ratio Lower Upper

276 100

138 55.0 26.8 40.2#

277 43.0 20.1 30.1#

