

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040824.D
 Acq On : 12 Jul 2023 00:16
 Operator : MA/JU
 Sample : 03414-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4639

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 06:07:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	2308	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	8953	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	4537	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	9159	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.469	240	6230	0.400	ng/ul	-0.01
23) Perylene-d12	23.857	264	4097	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2360	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	517	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	1011	0.051	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.735	128	5191	0.210	ng/ul#	95
7) 2-Methylnaphthalene	12.352	142	387	0.027	ng/ul	98
10) Acenaphthylene	14.245	152	557	0.027	ng/ul#	34
15) Phenanthrene	17.320	178	3297	0.116	ng/ul#	88
16) Anthracene	17.409	178	935	0.039	ng/ul#	52
19) Fluoranthene	19.338	202	7317	0.276	ng/ul	99
20) Pyrene	19.701	202	7422	0.262	ng/ul#	91
21) Benzo(a)anthracene	21.454	228	2891	0.137	ng/ul#	82
22) Chrysene	21.504	228	3137	0.131	ng/ul#	87
24) Benzo(b)fluoranthene	23.135	252	3098	0.195	ng/ul#	37
25) Benzo(k)fluoranthene	23.164	252	1924m	0.123	ng/ul	
26) Benzo(a)pyrene	23.752	252	1619	0.113	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.341	276	1649	0.083	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.341	278	453	0.029	ng/ul#	1

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

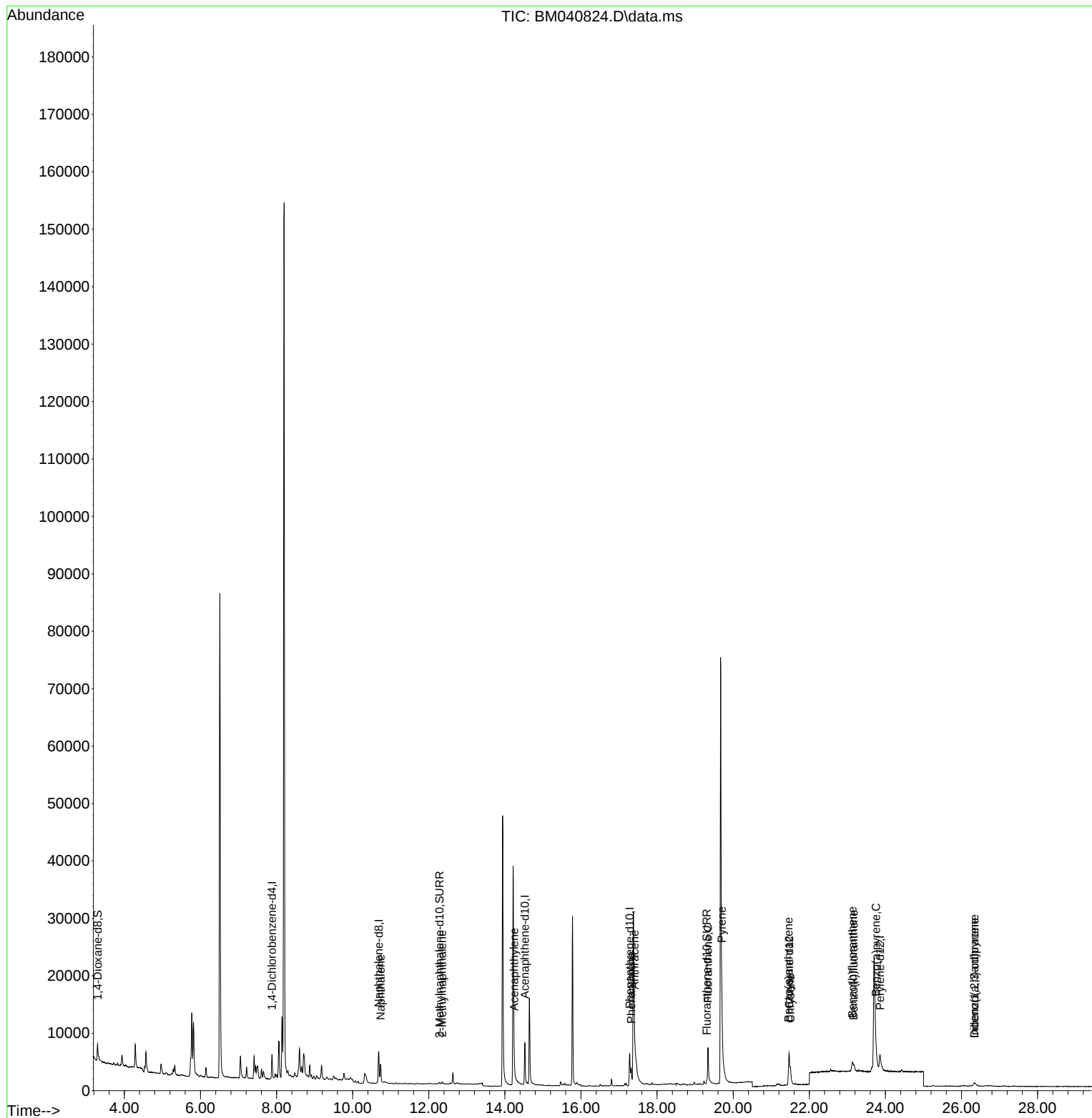
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040824.D
Acq On : 12 Jul 2023 00:16
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Sample : 03414-12
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ALS Vial : 23 Sample Multiplier: 1

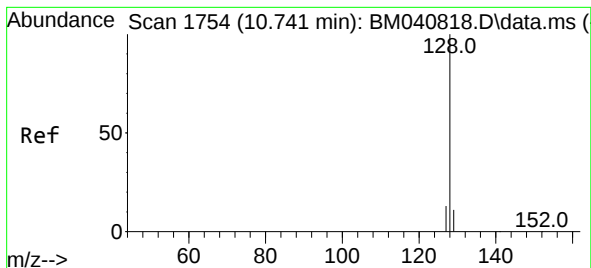
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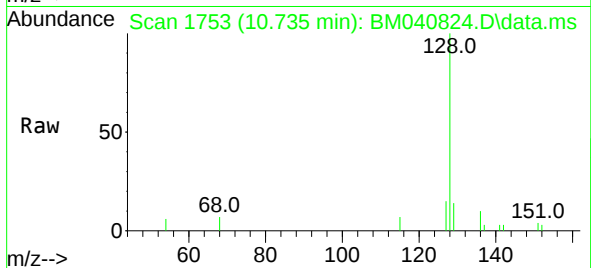
Quant Time: Jul 12 06:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.735 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

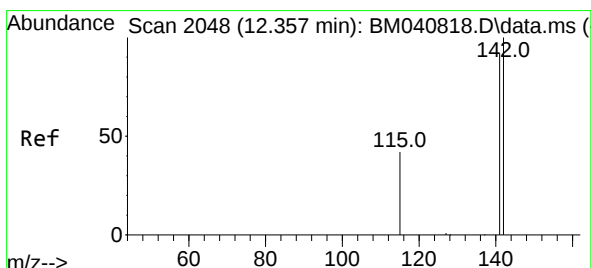
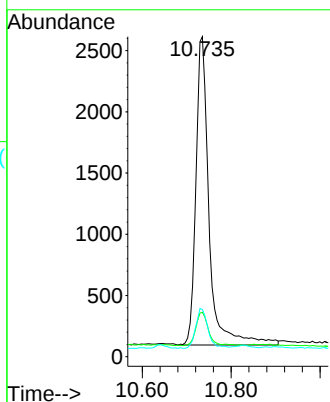
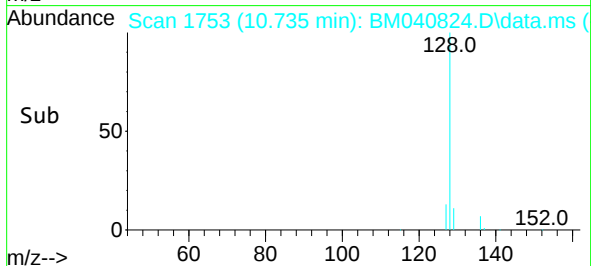
Instrument :
BNA_M
ClientSampleId :
A4639



Tgt Ion:128 Resp: 519
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 14.8 10.6 15.8

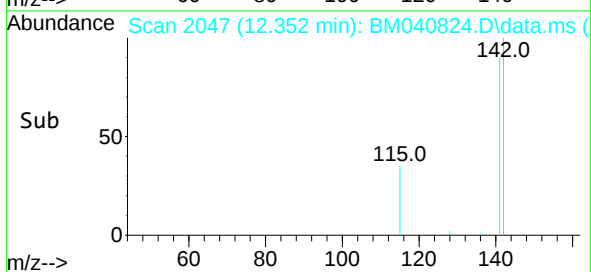
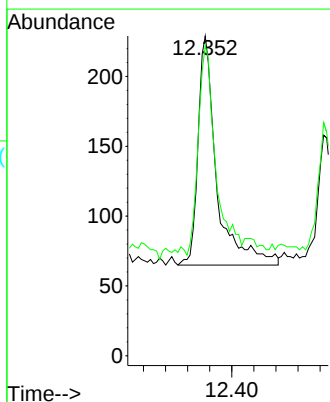
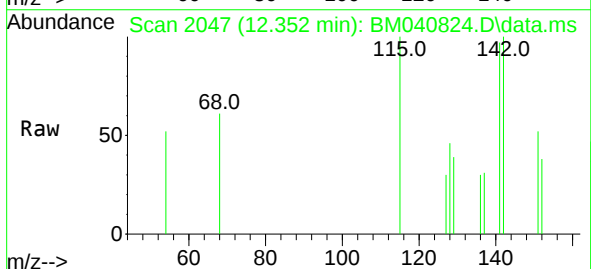
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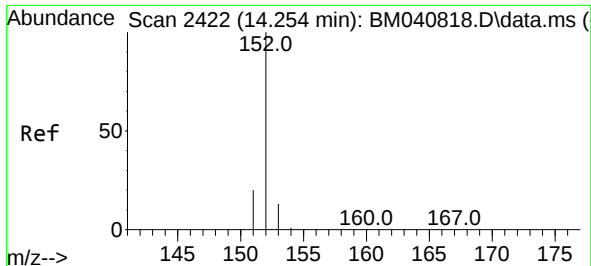
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

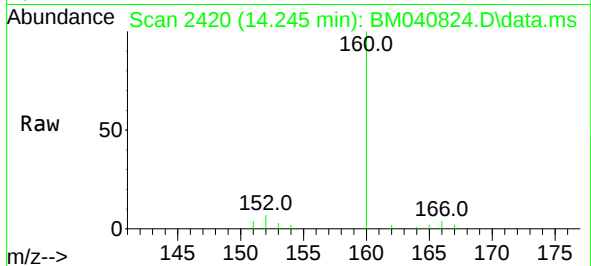
Tgt Ion:142 Resp: 387
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.245 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

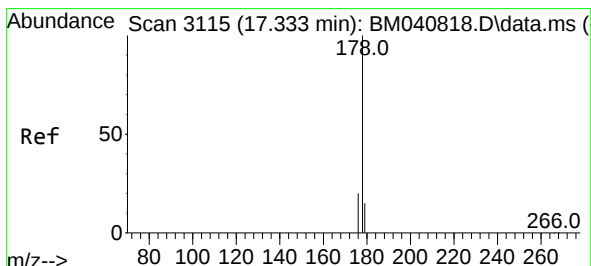
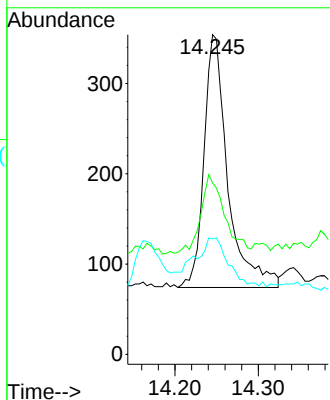
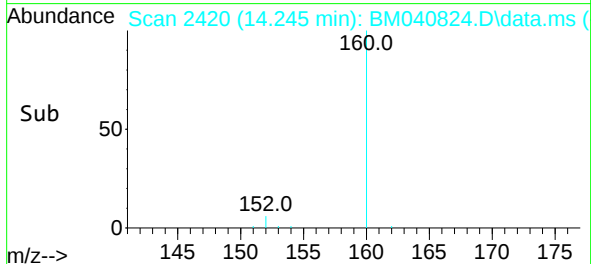
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BNA_M
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A4639



Tgt Ion:152 Resp: 55
Ion Ratio Lower Upper
152 100
151 53.7 16.2 24.2
153 36.2 10.9 16.3

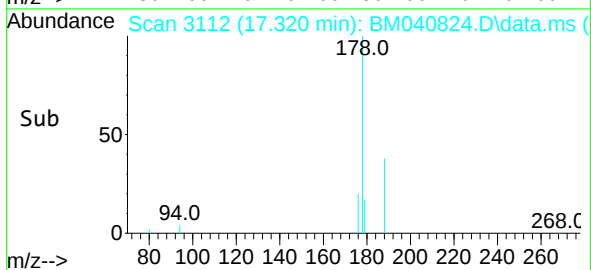
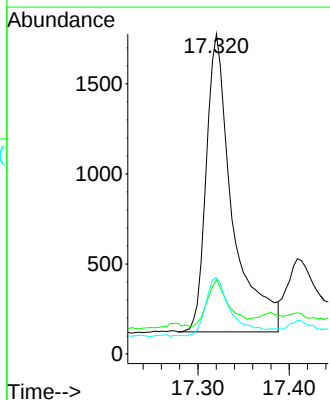
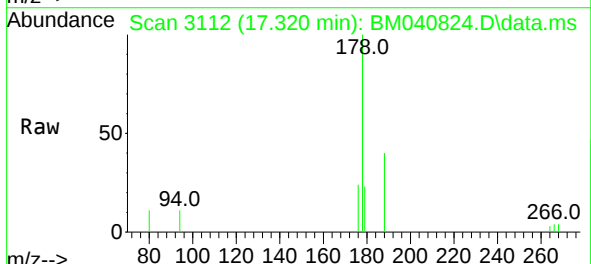
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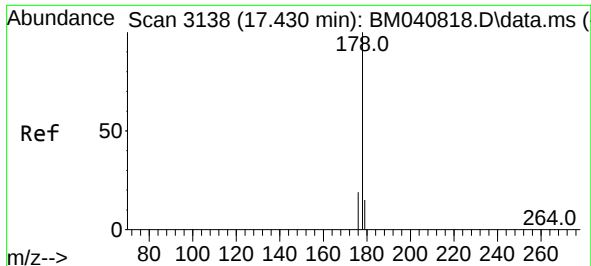
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

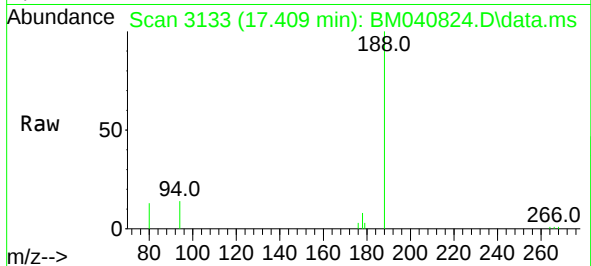
Tgt Ion:178 Resp: 3297
Ion Ratio Lower Upper
178 100
179 23.2 12.8 19.2
176 23.9 16.4 24.6





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.409 min Scan# 3133
 Delta R.T. -0.021 min
 Lab File: BM040824.D
 Acq: 12 Jul 2023 00:16

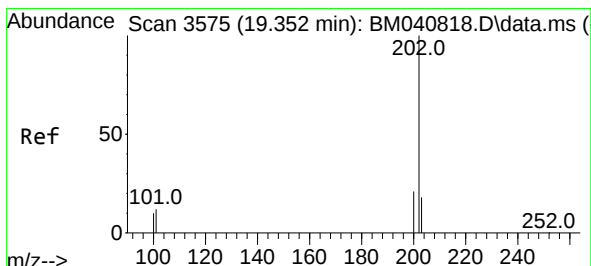
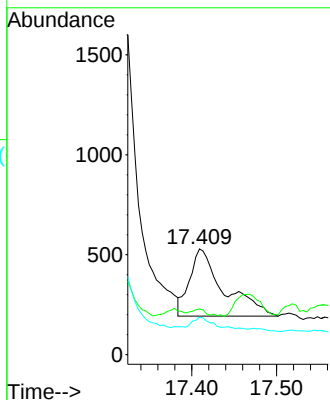
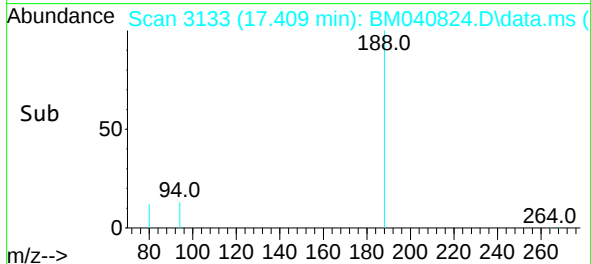
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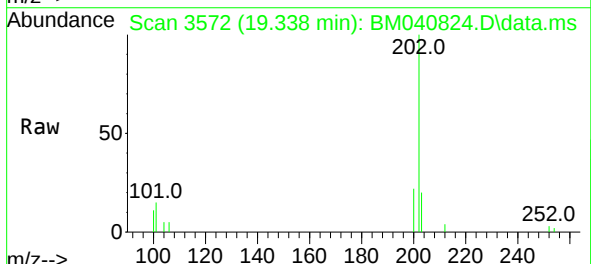
Tgt Ion:178 Resp: 938
 Ion Ratio Lower Upper
 178 100
 179 43.3 12.9 19.3
 176 35.3 15.8 23.6

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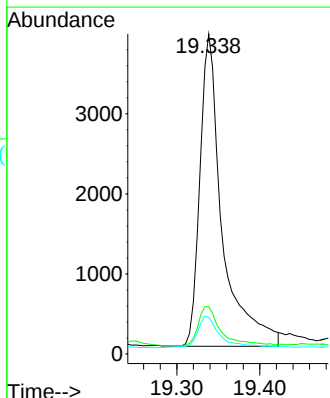
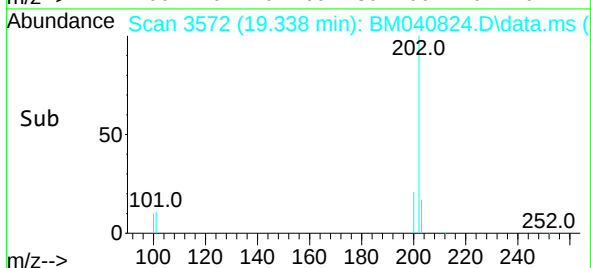
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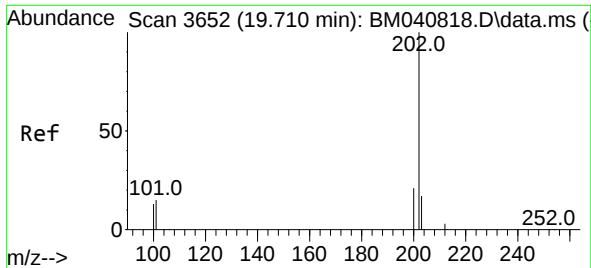


#19
 Fluoranthene
 Concen: 0.276 ng/ul
 RT: 19.338 min Scan# 3572
 Delta R.T. -0.014 min
 Lab File: BM040824.D
 Acq: 12 Jul 2023 00:16



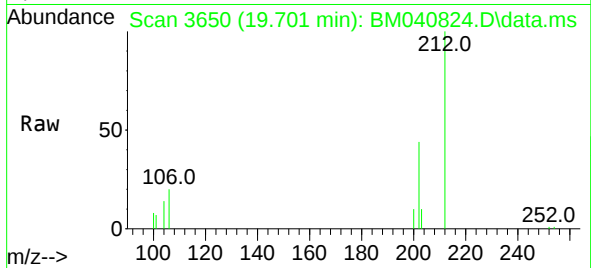
Tgt Ion:202 Resp: 7317
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.4 17.0
 100 11.4 8.7 13.1





#20
Pyrene
Concen: 0.262 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

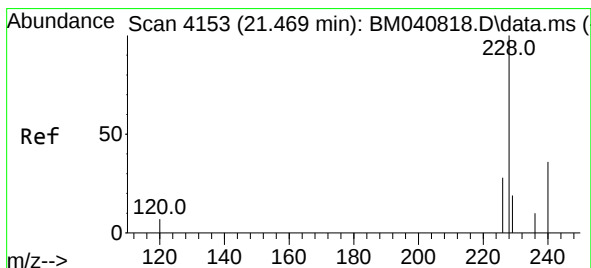
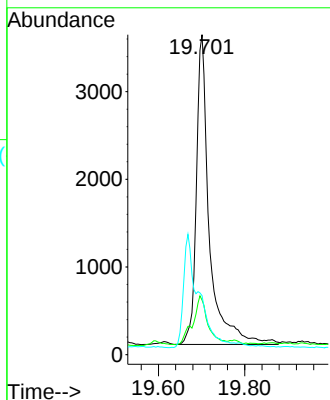
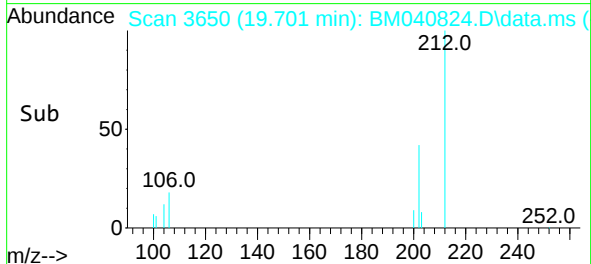
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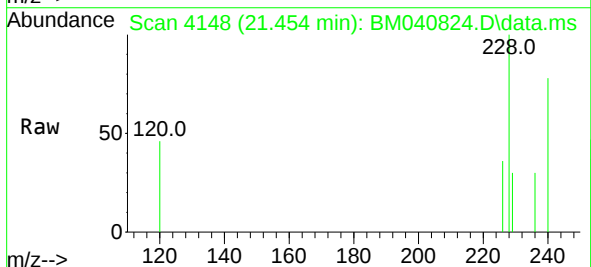
Tgt Ion:202 Resp: 742
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 18.4 9.8 14.6

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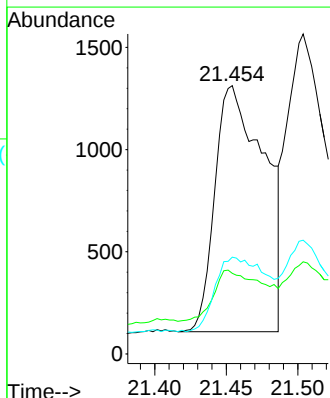
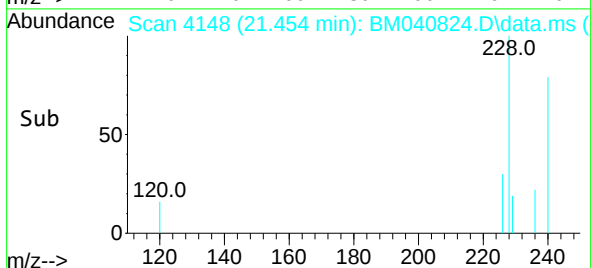
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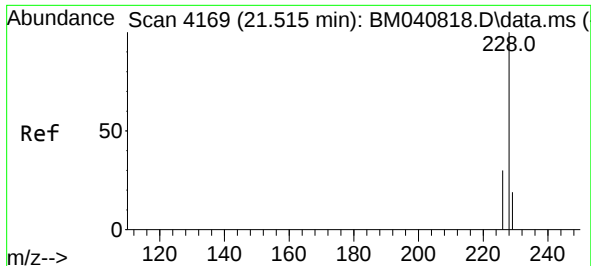


#21
Benzo(a)anthracene
Concen: 0.137 ng/u1
RT: 21.454 min Scan# 4148
Delta R.T. -0.015 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16



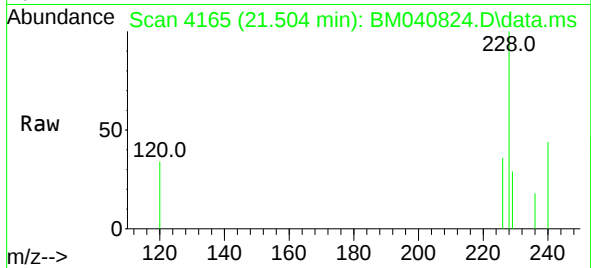
Tgt Ion:228 Resp: 2891
Ion Ratio Lower Upper
228 100
229 30.1 16.0 24.0#
226 36.1 22.3 33.5#





#22
Chrysene
Concen: 0.131 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

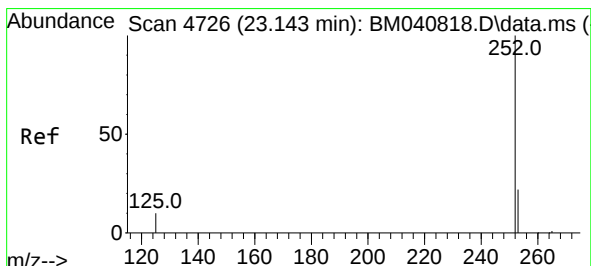
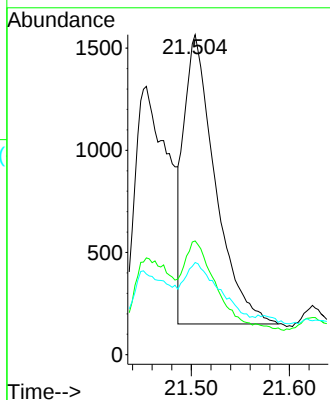
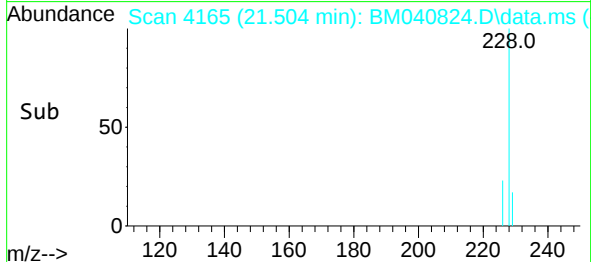
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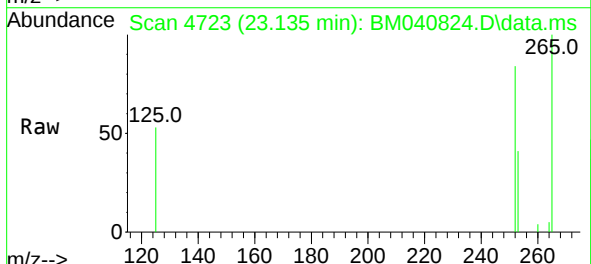
Tgt Ion:228 Resp: 3137
Ion Ratio Lower Upper
228 100
226 35.6 24.9 37.3
229 28.8 15.8 23.6

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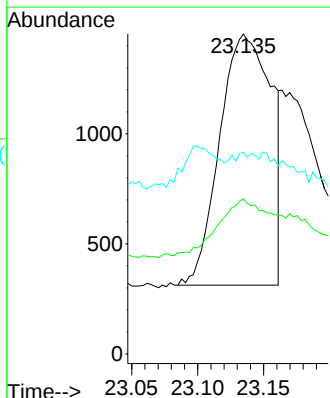
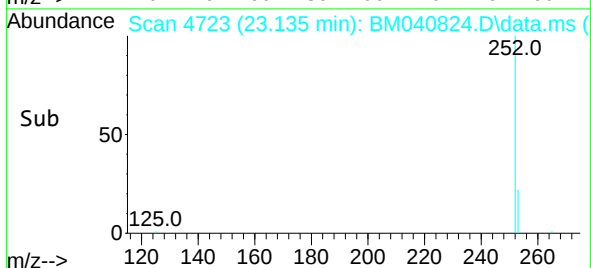
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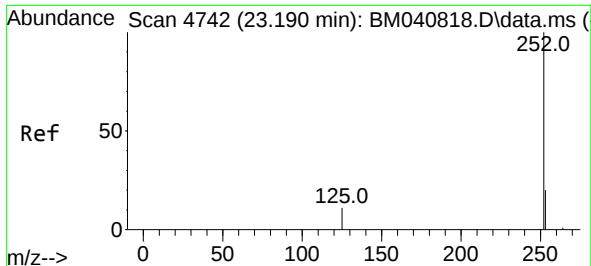


#24
Benzo(b)fluoranthene
Concen: 0.195 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.009 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16



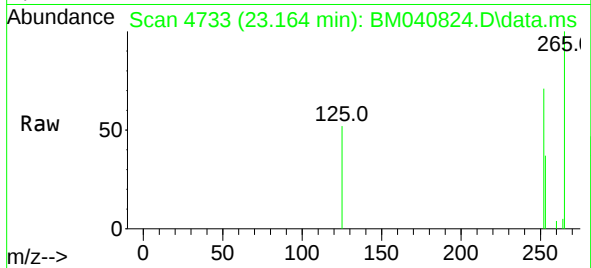
Tgt Ion:252 Resp: 3098
Ion Ratio Lower Upper
252 100
253 48.4 0.0 52.8
125 62.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 23.164 min Scan# 41
Delta R.T. -0.026 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

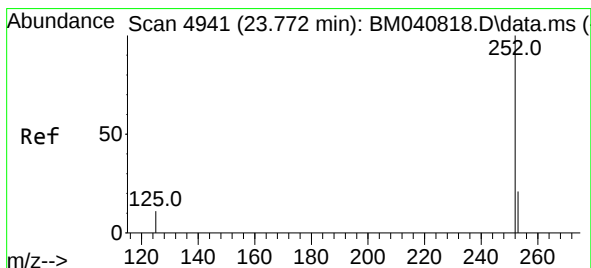
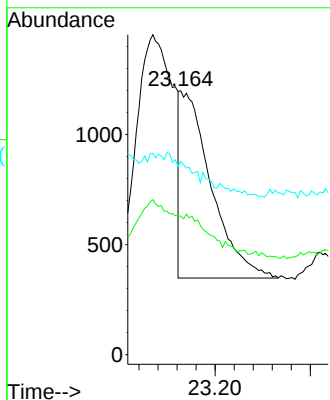
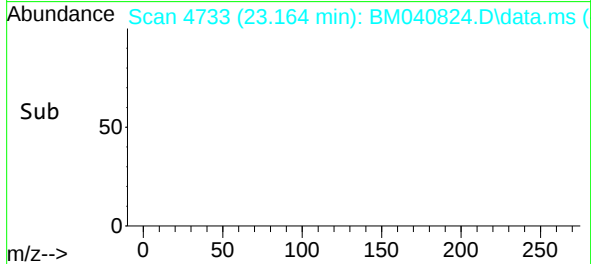
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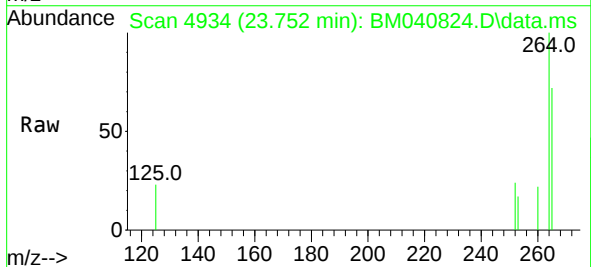
Tgt Ion:252 Resp: 1924
Ion Ratio Lower Upper
252 100
253 52.5 21.2 31.8#
125 73.2 16.4 24.6#

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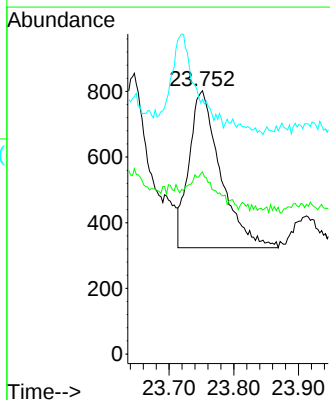
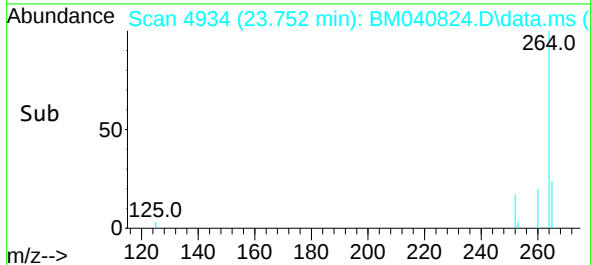
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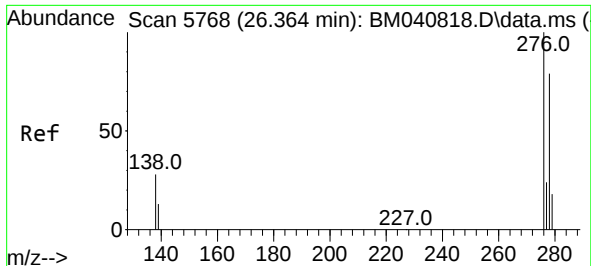


#26
Benzo(a)pyrene
Concen: 0.113 ng/ul
RT: 23.752 min Scan# 4934
Delta R.T. -0.020 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16



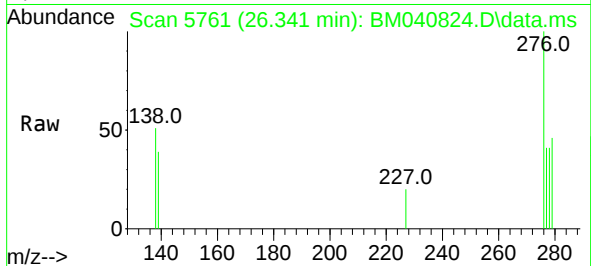
Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 69.2 22.9 34.3#
125 96.8 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.023 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

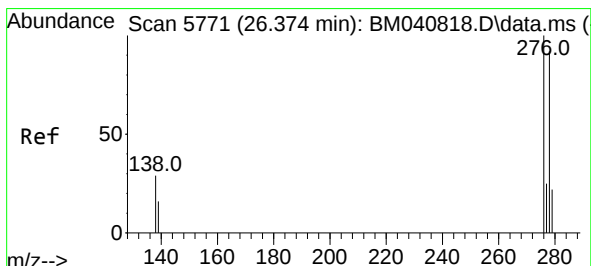
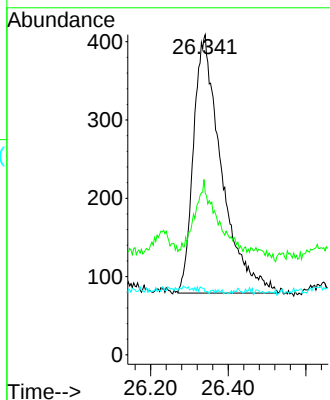
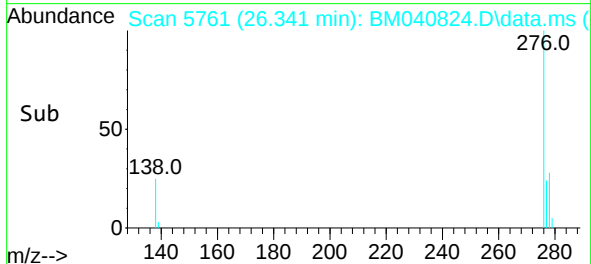
Instrument :
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A4639



Tgt Ion:276 Resp: 1649
Ion Ratio Lower Upper
276 100
138 21.3 24.5 36.7#
227 0.5 0.1 0.1#

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#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.033 min
Lab File: BM040824.D
Acq: 12 Jul 2023 00:16

Tgt Ion:278 Resp: 453
Ion Ratio Lower Upper
278 100
139 96.4 17.9 26.9#
279 113.2 22.0 33.0#

