

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040976.D
 Acq On : 20 Jul 2023 11:45
 Operator : MA/JU
 Sample : 03452-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 12:24:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4797	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	17797	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.518	164	10116	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	21739	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	15117	0.400	ng/ul	# 0.00
23) Perylene-d12	23.863	264	11046	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	5307	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	5035	0.212	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	10962	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.301	88	1146	0.138	ng/ul#	1
5) Naphthalene	10.724	128	4144	0.085	ng/ul#	94
15) Phenanthrene	17.316	178	1817	0.028	ng/ul#	84
19) Fluoranthene	19.338	202	5223	0.067	ng/ul#	84
20) Pyrene	19.701	202	4541	0.057	ng/ul	97
21) Benzo(a)anthracene	21.454	228	1555	0.034	ng/ul#	77
22) Chrysene	21.507	228	2290	0.043	ng/ul#	86
24) Benzo(b)fluoranthene	23.137	252	2294	0.054	ng/ul#	20
25) Benzo(k)fluoranthene	23.181	252	1003m	0.025	ng/ul	

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

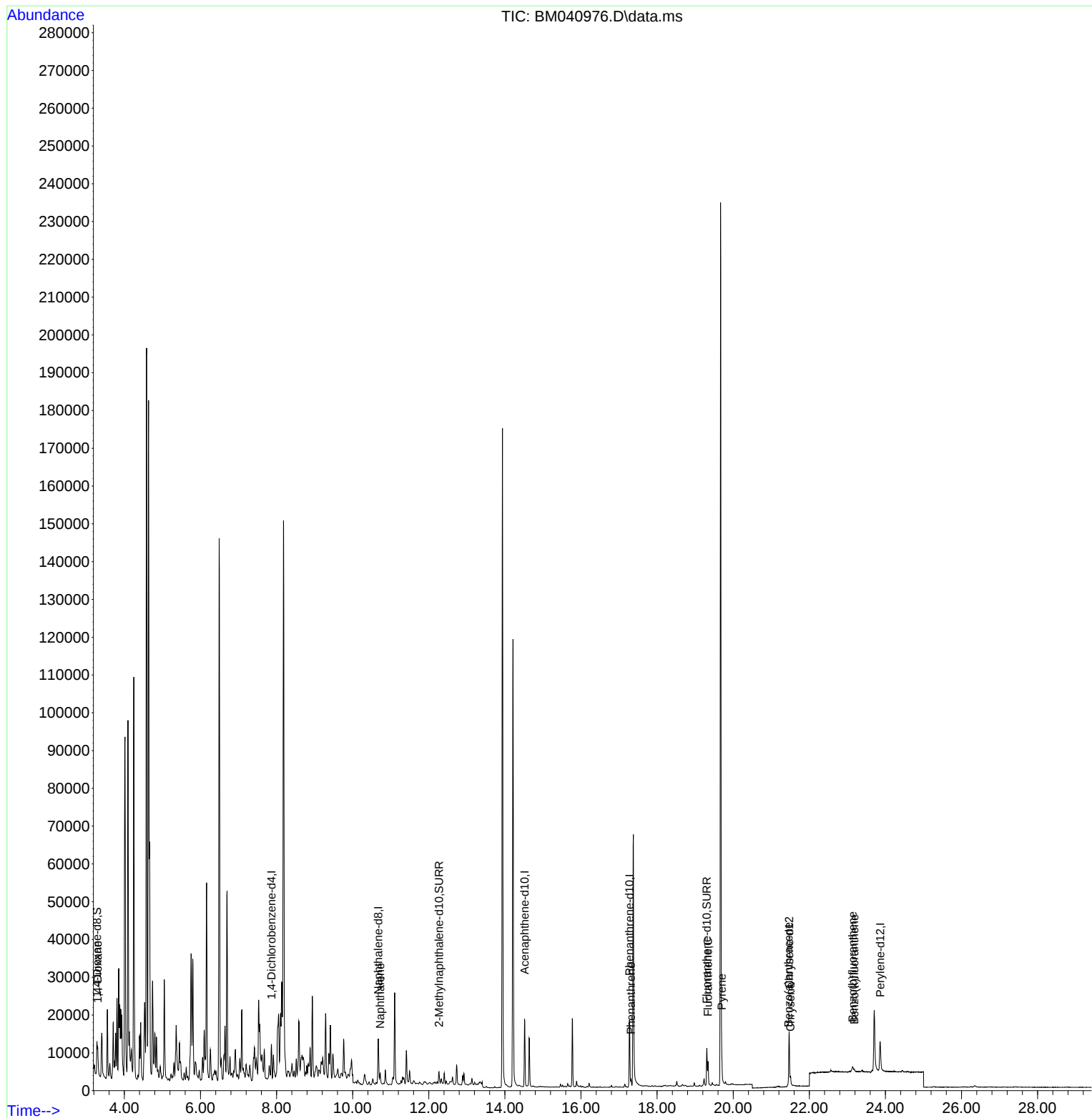
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040976.D
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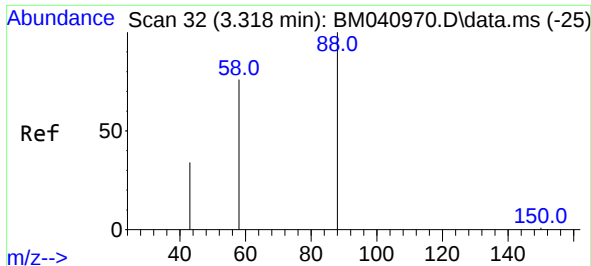
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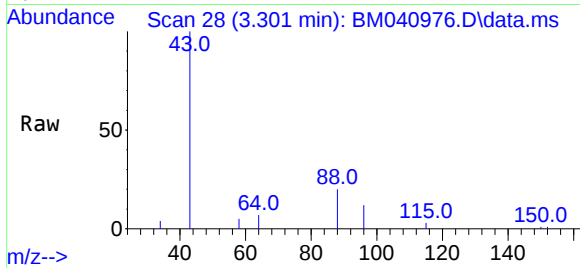
Quant Time: Jul 20 12:24:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2
1,4-Dioxane
Concen: 0.138 ng/ul
RT: 3.301 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

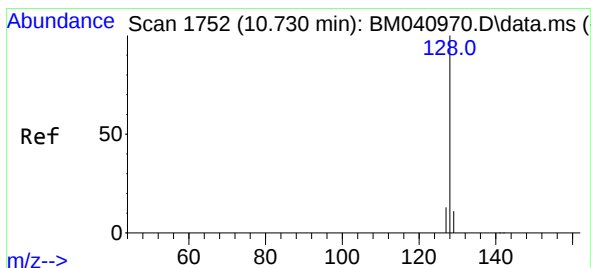
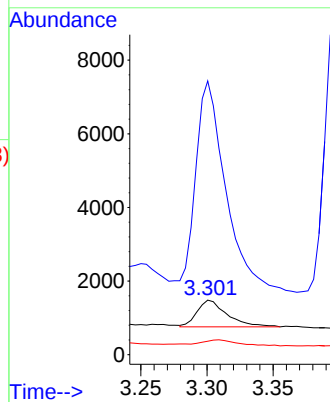
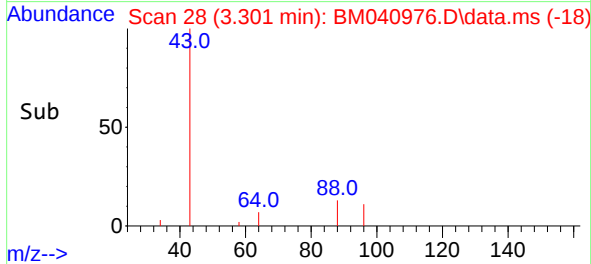
Instrument :
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ClientSampleId :
A46N3



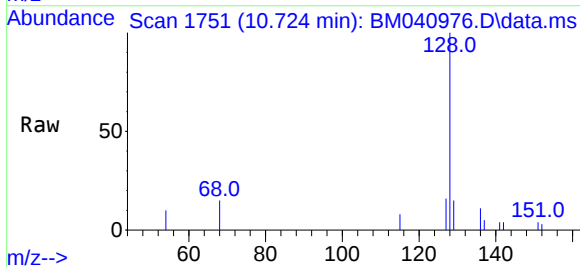
Tgt Ion: 88 Resp: 1140
Ion Ratio Lower Upper
88 100
43 502.4 46.7 70.1
58 24.7 40.3 60.5

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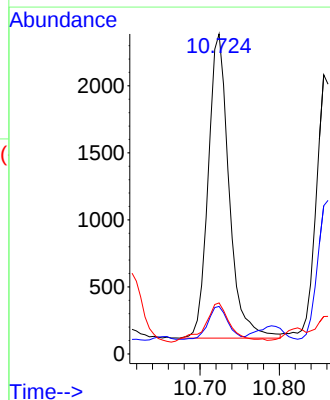
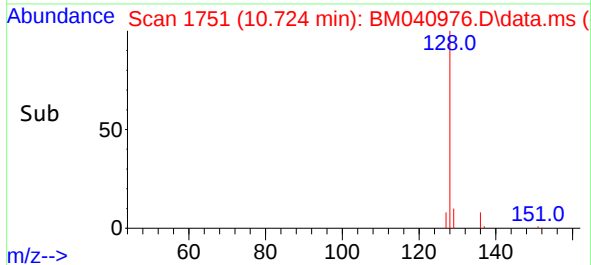
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Supervised By :Sohil Jodhani 07/20/2023

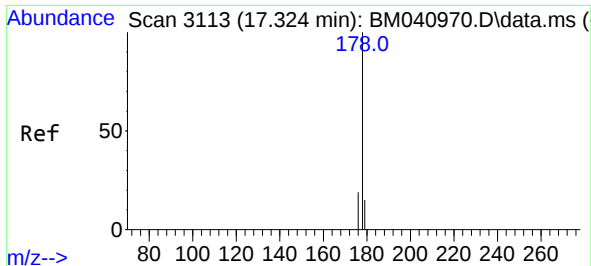


#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45



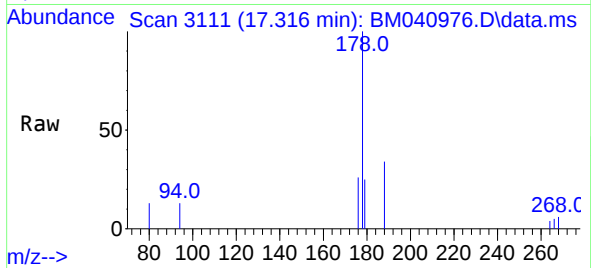
Tgt Ion:128 Resp: 4144
Ion Ratio Lower Upper
128 100
129 14.8 9.8 14.8
127 16.0 11.0 16.4





#15
Phenanthrene
Concen: 0.028 ng/u1
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

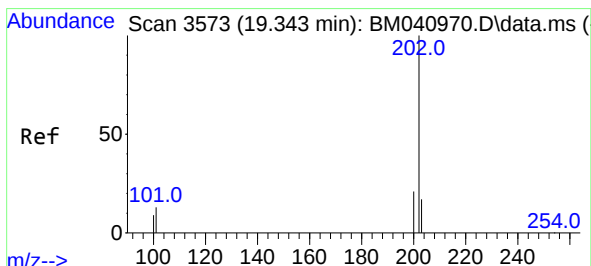
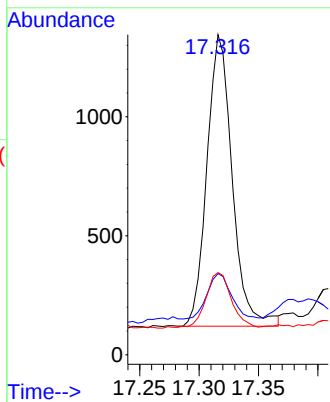
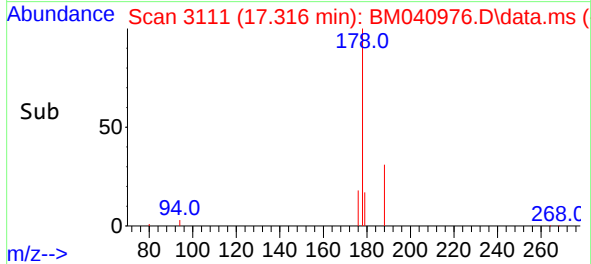
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Tgt Ion:178 Resp: 181
Ion Ratio Lower Upper
178 100
179 25.4 13.0 19.6
176 25.7 16.2 24.4

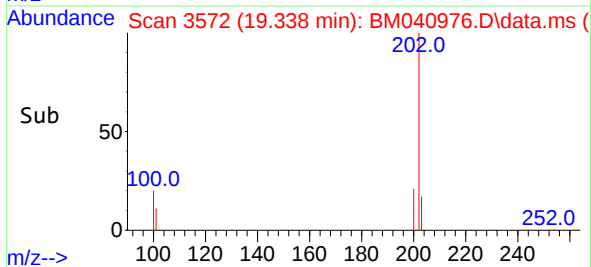
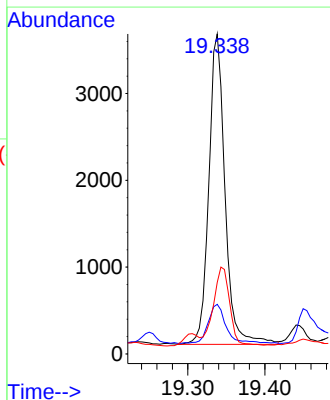
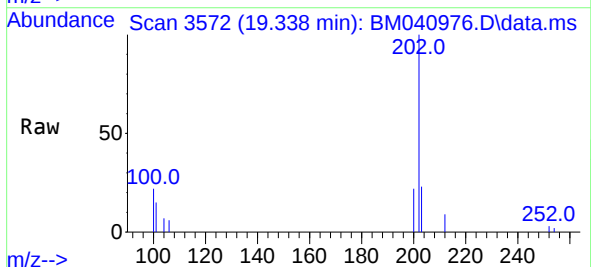
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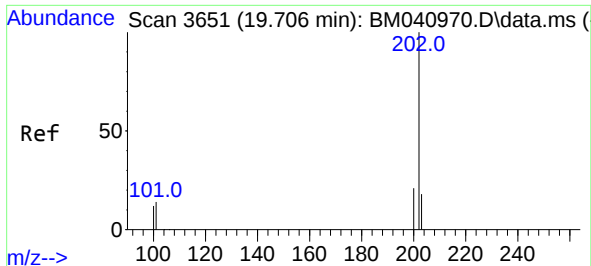
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#19
Fluoranthene
Concen: 0.067 ng/u1
RT: 19.338 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

Tgt Ion:202 Resp: 5223
Ion Ratio Lower Upper
202 100
101 15.5 11.0 16.4
100 22.3 8.3 12.5





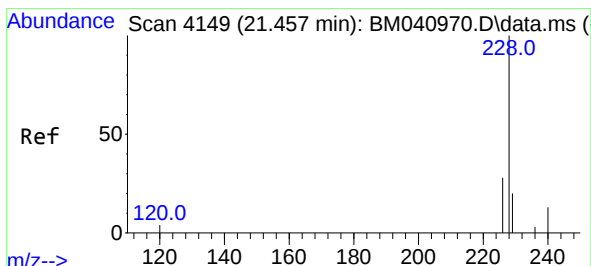
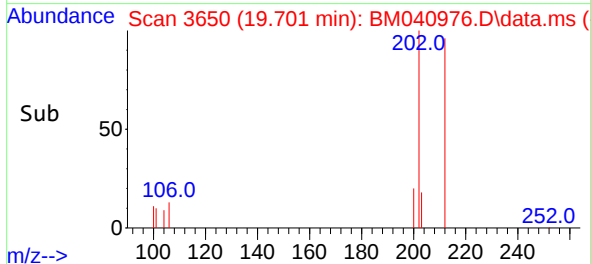
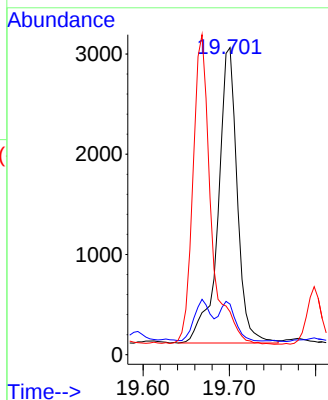
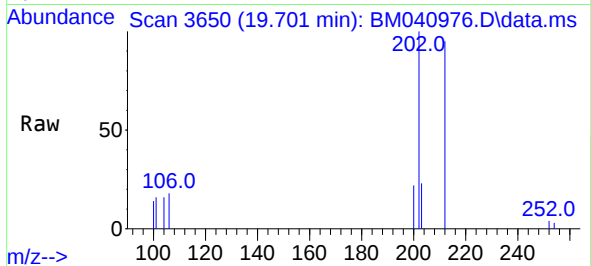
#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.701 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

Instrument :
BNA_M
ClientSampleId :
A46N3

Tgt Ion:202 Resp: 454
Ion Ratio Lower Upper
202 100
101 16.4 12.5 18.7
100 14.0 10.0 15.0

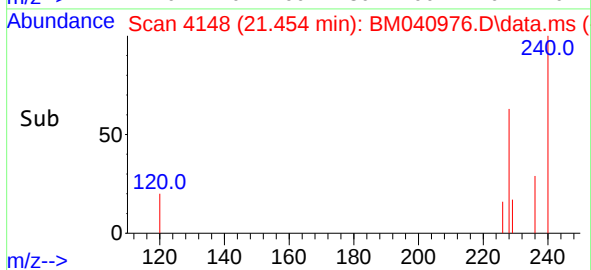
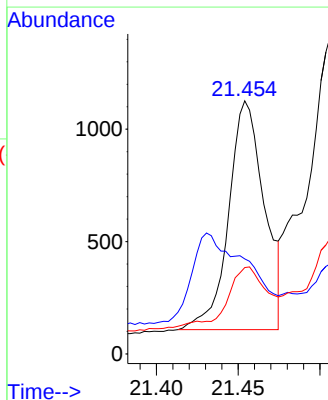
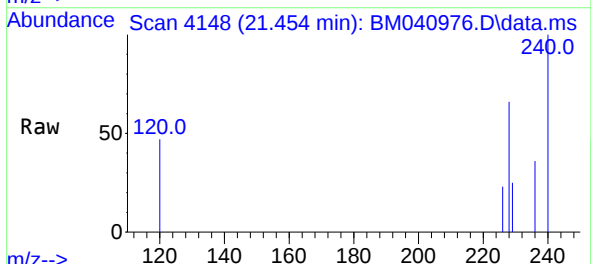
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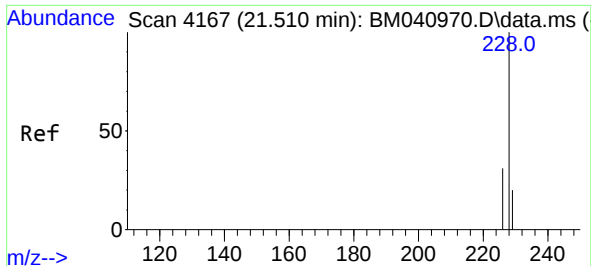
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#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.454 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

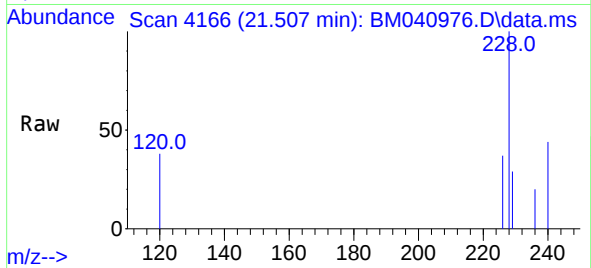
Tgt Ion:228 Resp: 1555
Ion Ratio Lower Upper
228 100
229 37.6 16.2 24.4#
226 34.1 22.3 33.5#





#22
Chrysene
Concen: 0.043 ng/u1
RT: 21.507 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

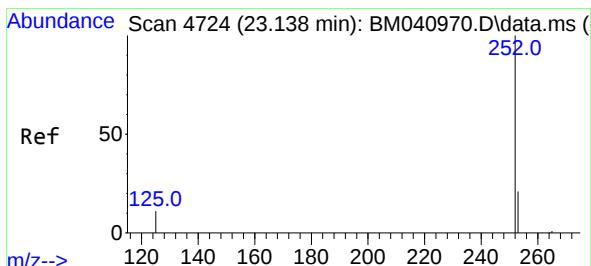
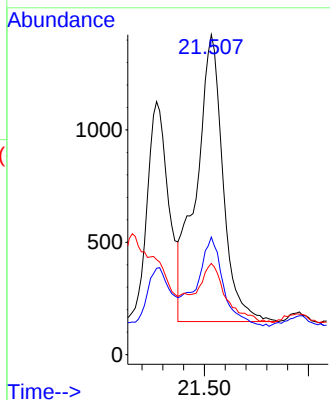
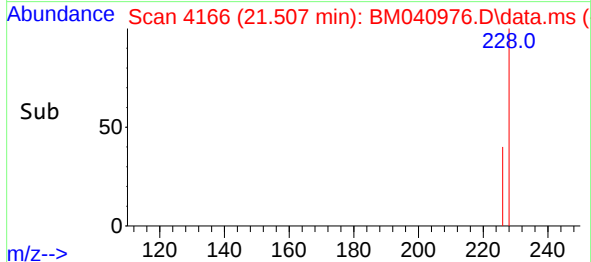
Instrument :
BNA_M
ClientSampleId :
A46N3



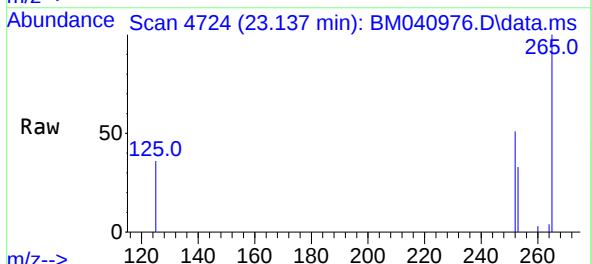
Tgt Ion:228 Resp: 2290
Ion Ratio Lower Upper
228 100
226 36.7 24.6 37.0
229 28.5 16.1 24.1

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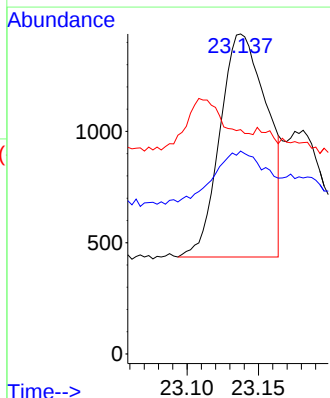
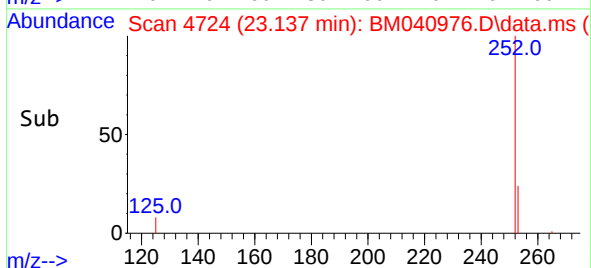
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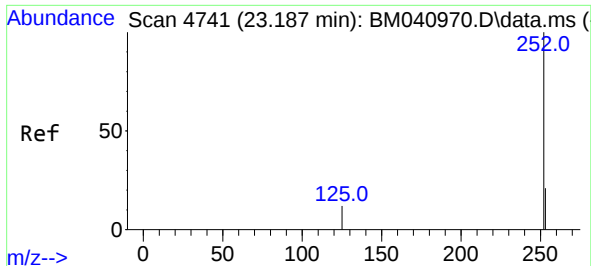


#24
Benzo(b)fluoranthene
Concen: 0.054 ng/u1
RT: 23.137 min Scan# 4724
Delta R.T. 0.003 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45



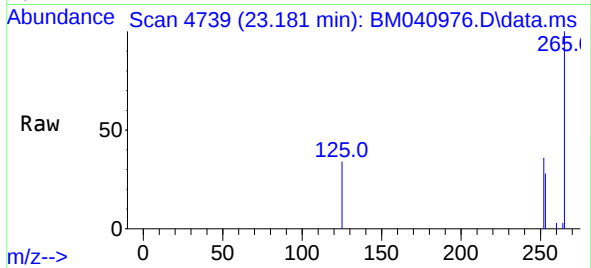
Tgt Ion:252 Resp: 2294
Ion Ratio Lower Upper
252 100
253 63.4 0.0 57.4#
125 70.1 0.0 45.2#





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul m
RT: 23.181 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040976.D
Acq: 20 Jul 2023 11:45

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 100
Ion Ratio Lower Upper
252 100
253 78.7 23.3 34.9
125 94.5 18.2 27.2

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