

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040671.D
 Acq On : 06 Jul 2023 11:19
 Operator : MA/JU
 Sample : 03248-06DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 11:50:40 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 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	13310	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	48940	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.549	164	23260	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	42627	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	27861	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	30018	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	9230	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	2368	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	3307	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.341	178	7554	0.057	ng/ul#	90
19) Fluoranthene	19.361	202	19840	0.168	ng/ul	99
20) Pyrene	19.723	202	17939	0.141	ng/ul#	94
21) Benzo(a)anthracene	21.471	228	10516	0.112	ng/ul#	92
22) Chrysene	21.523	228	11038	0.103	ng/ul#	94
24) Benzo(b)fluoranthene	23.160	252	23010	0.198	ng/ul	83
25) Benzo(k)fluoranthene	23.195	252	7218m	0.063	ng/ul	
26) Benzo(a)pyrene	23.783	252	12645	0.121	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.373	276	12572	0.086	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.390	278	3081	0.027	ng/ul#	30
29) Benzo(g,h,i)perylene	27.145	276	10726	0.084	ng/ul#	88

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

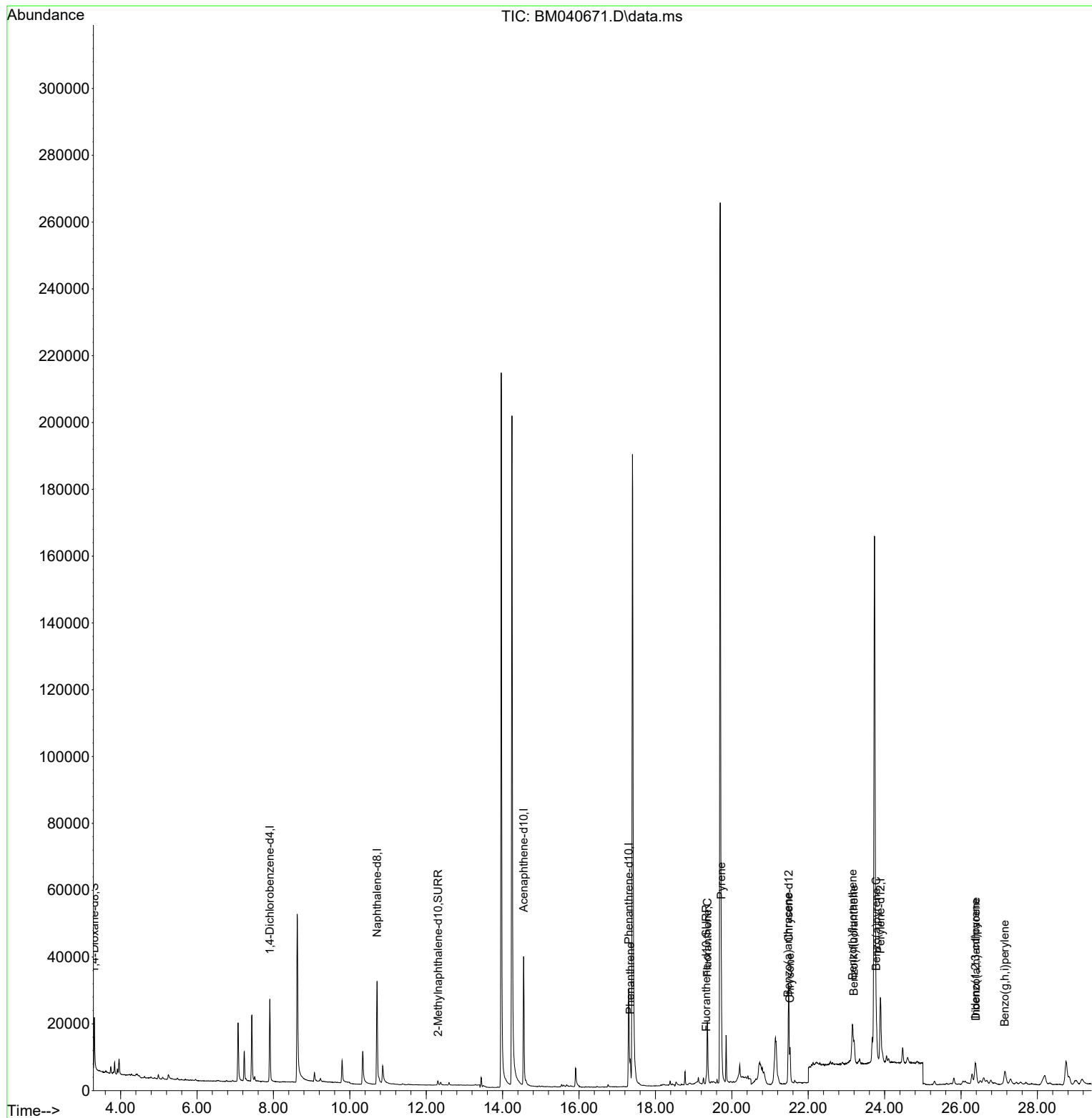
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040671.D
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ALS Vial : 41 Sample Multiplier: 1

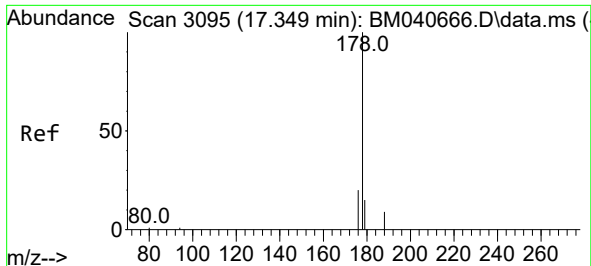
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Quant Time: Jul 06 11:50:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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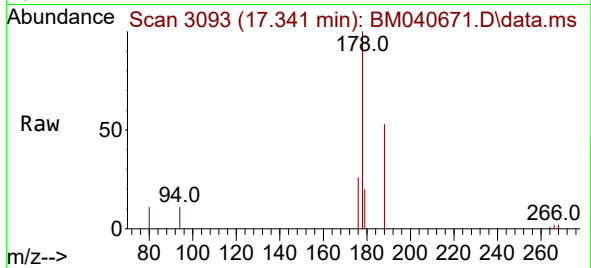
Reviewed By :Yogesh Patel 07/06/2023
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#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.341 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

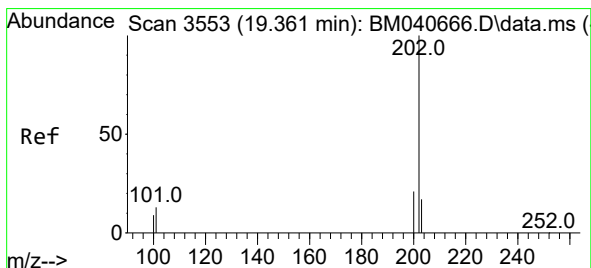
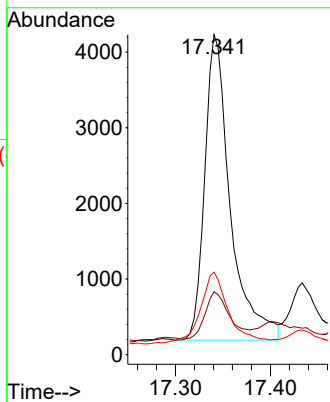
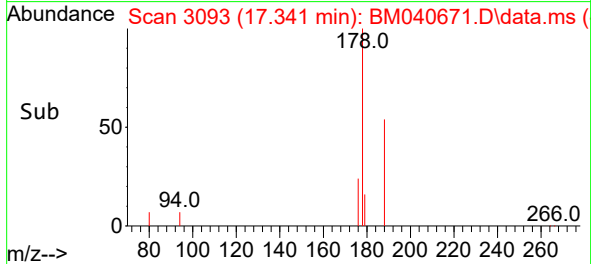
Instrument :
BNA_M
ClientSampleId :
DCGN4DL



Tgt Ion:178 Resp: 7554
Ion Ratio Lower Upper
178 100
179 19.6 12.8 19.2
176 25.8 16.4 24.6

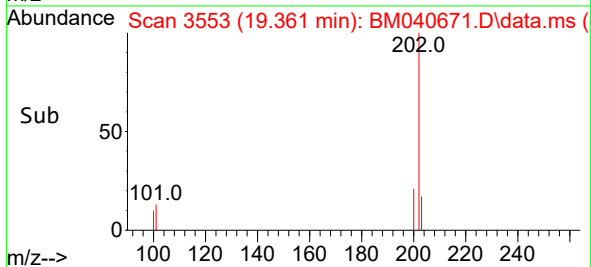
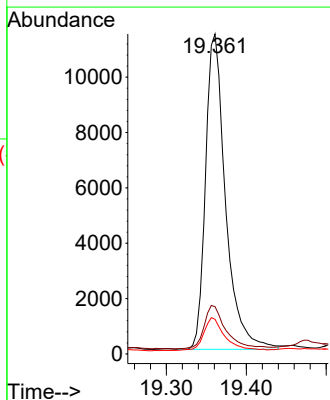
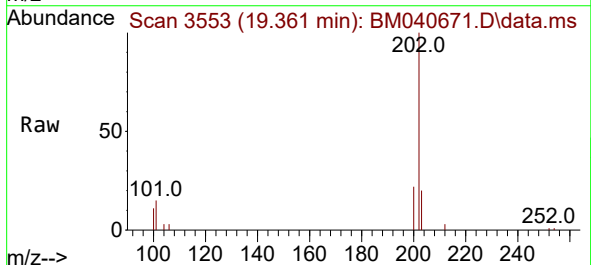
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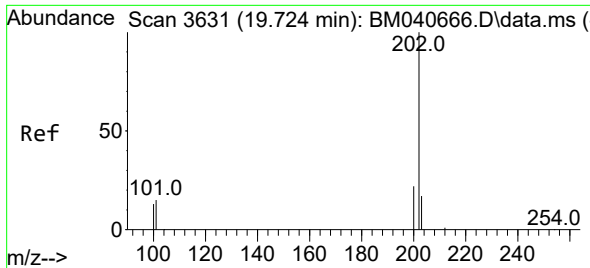
Reviewed By :Yogesh Patel 07/06/2023
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#19
Fluoranthene
Concen: 0.168 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

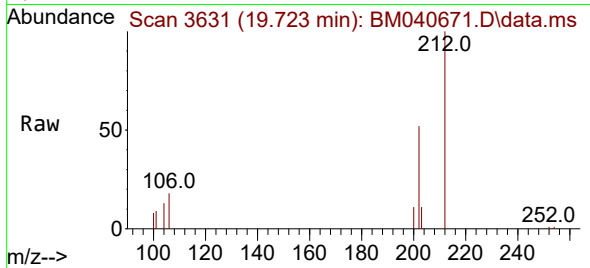
Tgt Ion:202 Resp: 19840
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 10.8 8.7 13.1





#20
Pyrene
Concen: 0.141 ng/ul
RT: 19.723 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

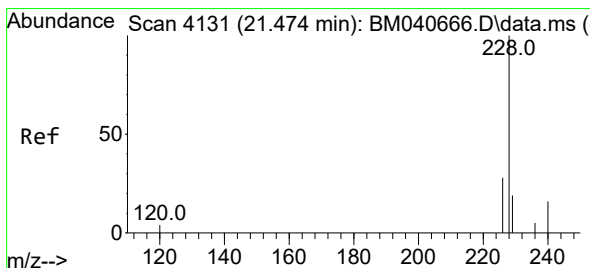
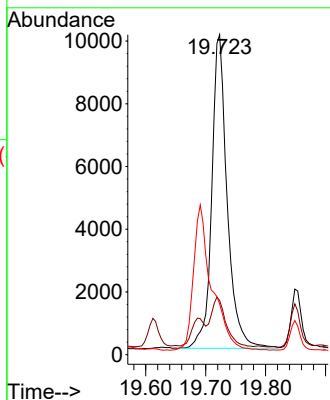
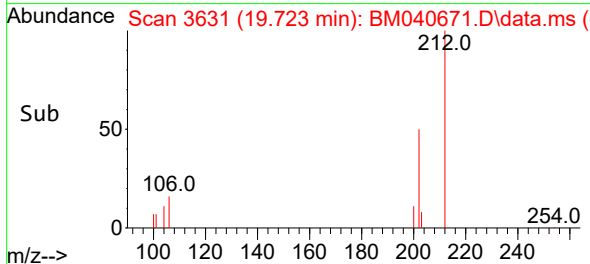
Instrument :
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ClientSampleId :
DCGN4DL



Tgt Ion:202 Resp: 17939
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 15.8 9.8 14.6

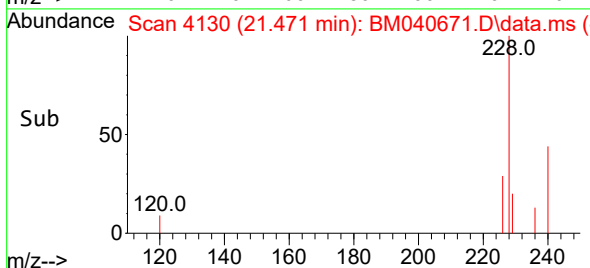
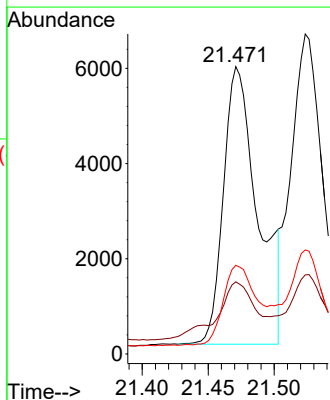
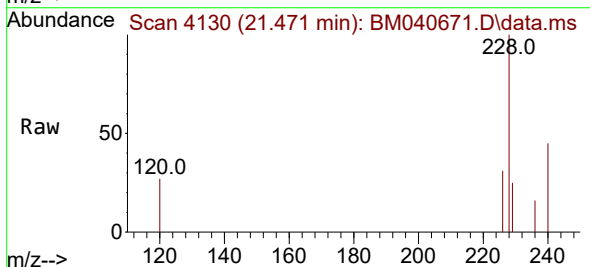
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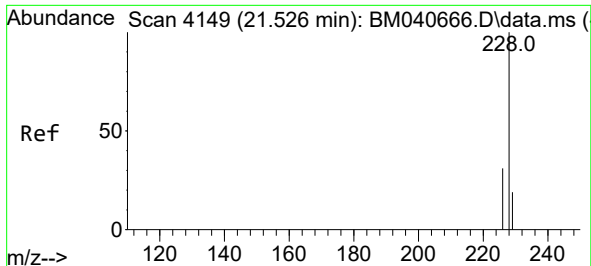
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.471 min Scan# 4130
Delta R.T. -0.007 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

Tgt Ion:228 Resp: 10516
Ion Ratio Lower Upper
228 100
229 25.1 16.0 24.0#
226 30.8 22.3 33.5





#22

Chrysene

Concen: 0.103 ng/ul

RT: 21.523 min Scan# 4149

Delta R.T. -0.008 min

Lab File: BM040671.D

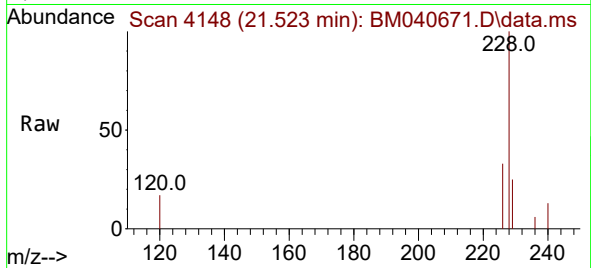
Acq: 06 Jul 2023 11:19

Instrument :

BNA_M

ClientSampleId :

DCGN4DL



Tgt Ion:228 Resp: 11038

Ion Ratio Lower Upper

228 100

226 32.5 24.9 37.3

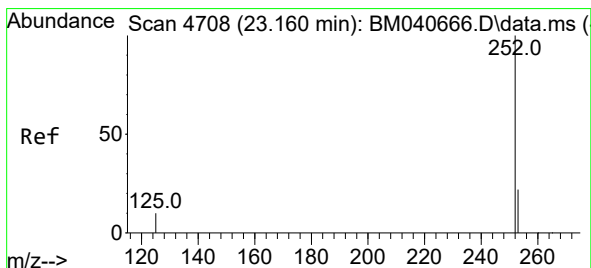
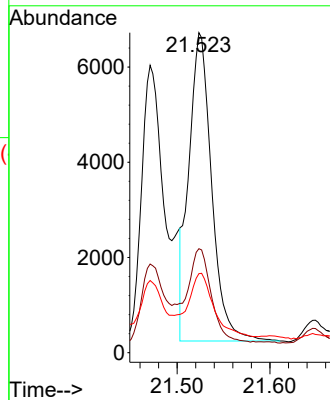
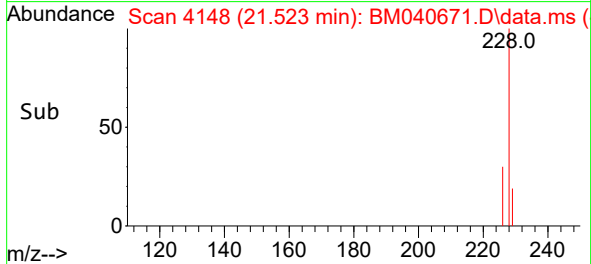
229 24.7 15.8 23.6

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.198 ng/ul

RT: 23.160 min Scan# 4708

Delta R.T. -0.008 min

Lab File: BM040671.D

Acq: 06 Jul 2023 11:19

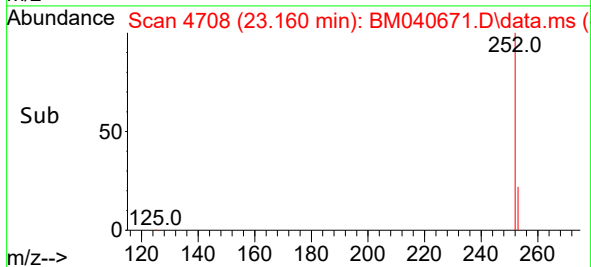
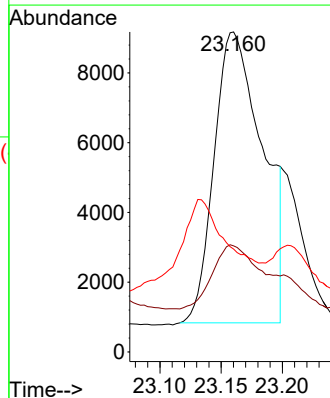
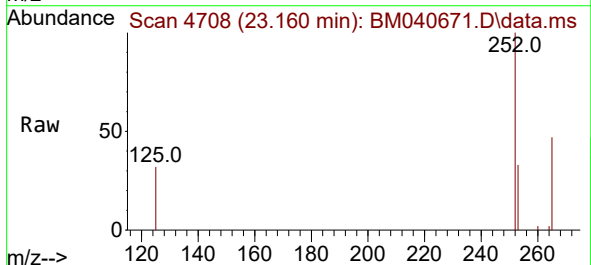
Tgt Ion:252 Resp: 23010

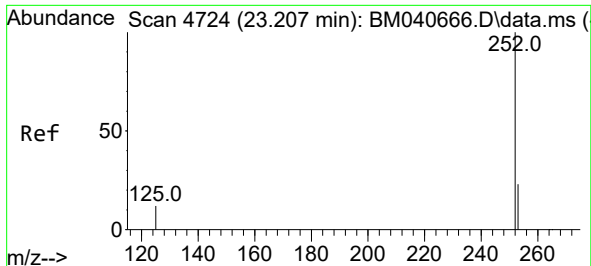
Ion Ratio Lower Upper

252 100

253 33.2 0.0 52.8

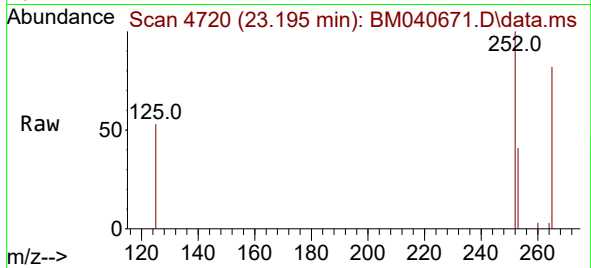
125 32.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.195 min Scan# 4720
Delta R.T. -0.016 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

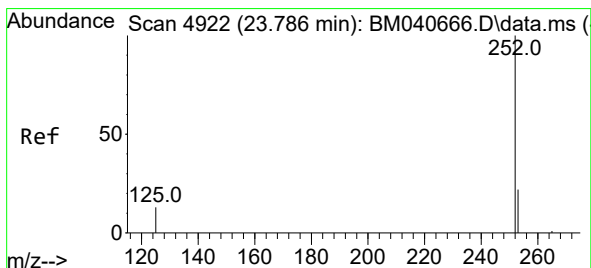
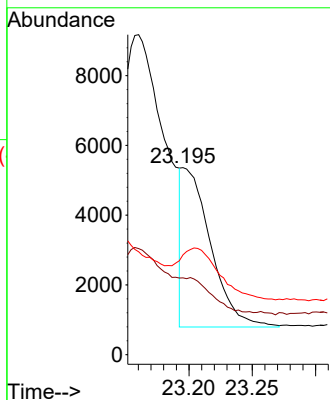
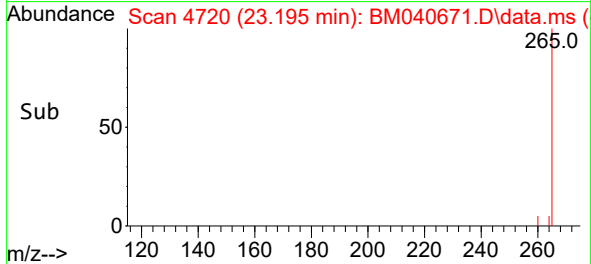
Instrument :
BNA_M
ClientSampleId :
DCGN4DL



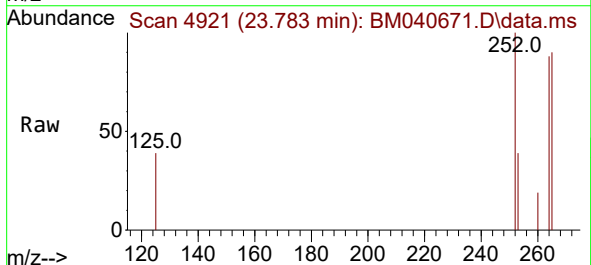
Tgt Ion:252 Resp: 7218
Ion Ratio Lower Upper
252 100
253 41.0 21.2 31.8#
125 53.4 16.4 24.6#

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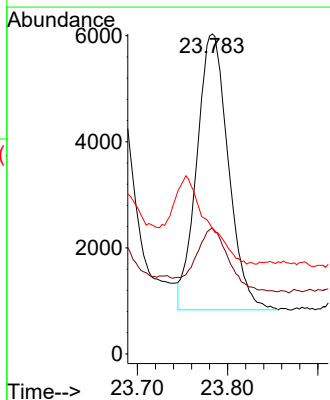
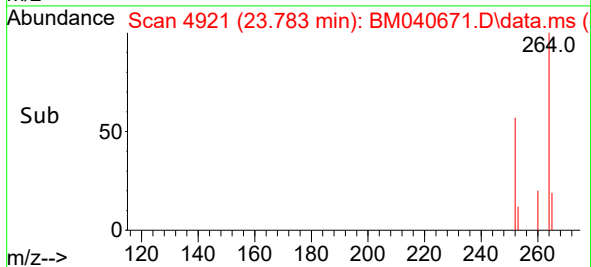
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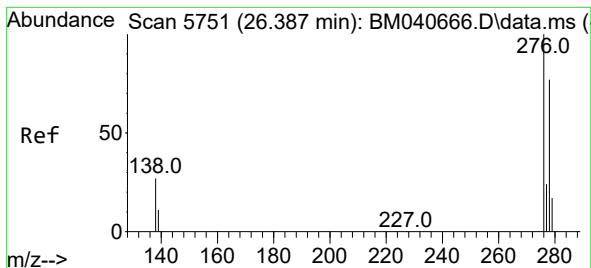


#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.010 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19



Tgt Ion:252 Resp: 12645
Ion Ratio Lower Upper
252 100
253 39.4 22.9 34.3#
125 39.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.086 ng/ul

RT: 26.373 min Scan# 51

Delta R.T. -0.015 min

Lab File: BM040671.D

Acq: 06 Jul 2023 11:19

Instrument :

BNA_M

ClientSampleId :

DCGN4DL

Tgt Ion:276 Resp: 1257

Ion Ratio Lower Upper

276 100

138 23.9 24.5 36.7

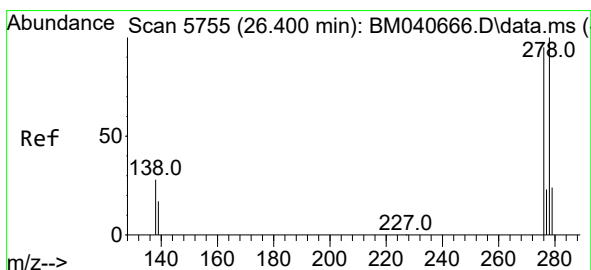
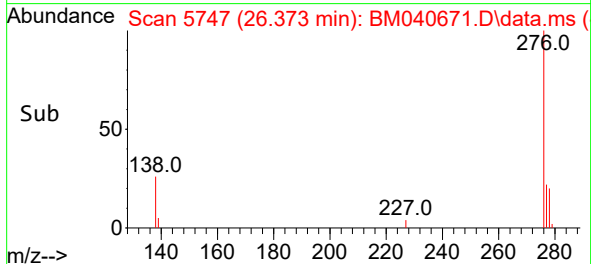
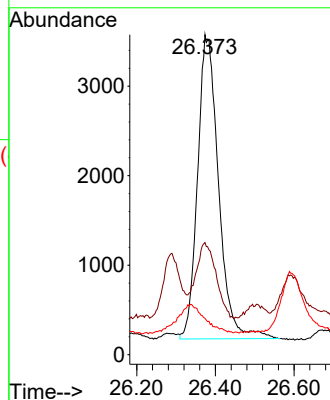
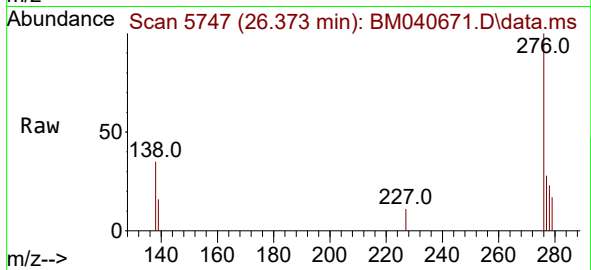
227 0.0 0.1 0.1

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul

RT: 26.390 min Scan# 5752

Delta R.T. -0.019 min

Lab File: BM040671.D

Acq: 06 Jul 2023 11:19

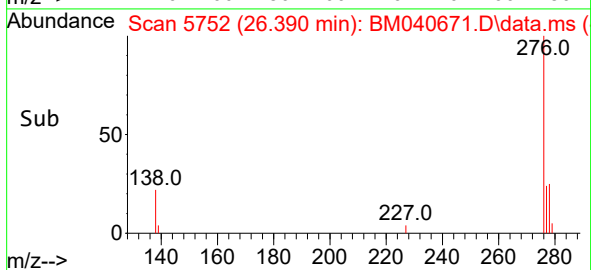
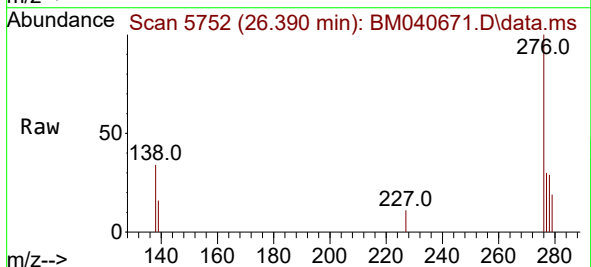
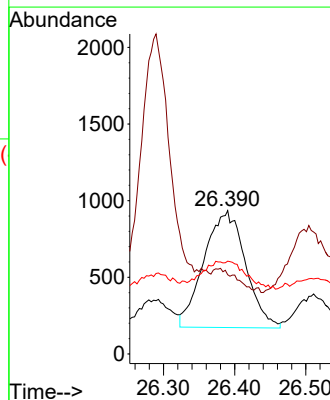
Tgt Ion:278 Resp: 3081

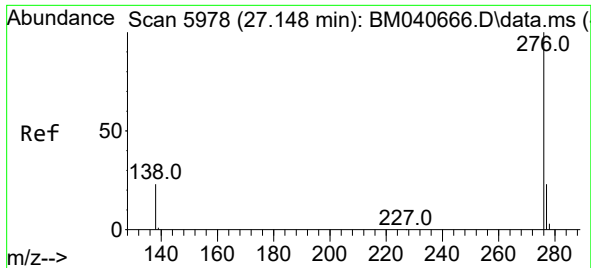
Ion Ratio Lower Upper

278 100

139 55.3 17.9 26.9#

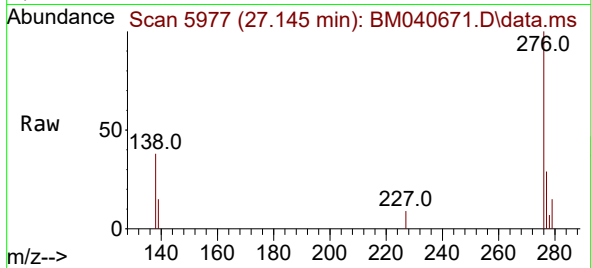
279 64.7 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 27.145 min Scan# 5977
Delta R.T. -0.019 min
Lab File: BM040671.D
Acq: 06 Jul 2023 11:19

Instrument :
BNA_M
ClientSampleId :
DCGN4DL



Tgt Ion:276 Resp: 10720
Ion Ratio Lower Upper
276 100
138 37.5 23.0 34.6
277 29.0 20.3 30.5

Manual Integrations
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