

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040657.D
 Acq On : 06 Jul 2023 01:59
 Operator : MA/JU
 Sample : 03248-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGM9DL

Quant Time: Jul 06 04:20:16 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	10621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	38817	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	17793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	32224	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	21733	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	22901	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	10178	0.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2290	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	3468	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.270	152	5948	0.075	ng/ul#	92
15) Phenanthrene	17.343	178	13763	0.137	ng/ul	98
16) Anthracene	17.436	178	9087	0.108	ng/ul#	93
19) Fluoranthene	19.360	202	43849	0.475	ng/ul	98
20) Pyrene	19.722	202	43663	0.441	ng/ul	98
21) Benzo(a)anthracene	21.470	228	36772	0.500	ng/ul	96
22) Chrysene	21.522	228	28691	0.342	ng/ul	96
24) Benzo(b)fluoranthene	23.156	252	74113	0.836	ng/ul	98
25) Benzo(k)fluoranthene	23.197	252	17061m	0.195	ng/ul	
26) Benzo(a)pyrene	23.782	252	32470	0.407	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.372	276	29320	0.264	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.385	278	7996	0.092	ng/ul#	74
29) Benzo(g,h,i)perylene	27.150	276	24039	0.247	ng/ul	97

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

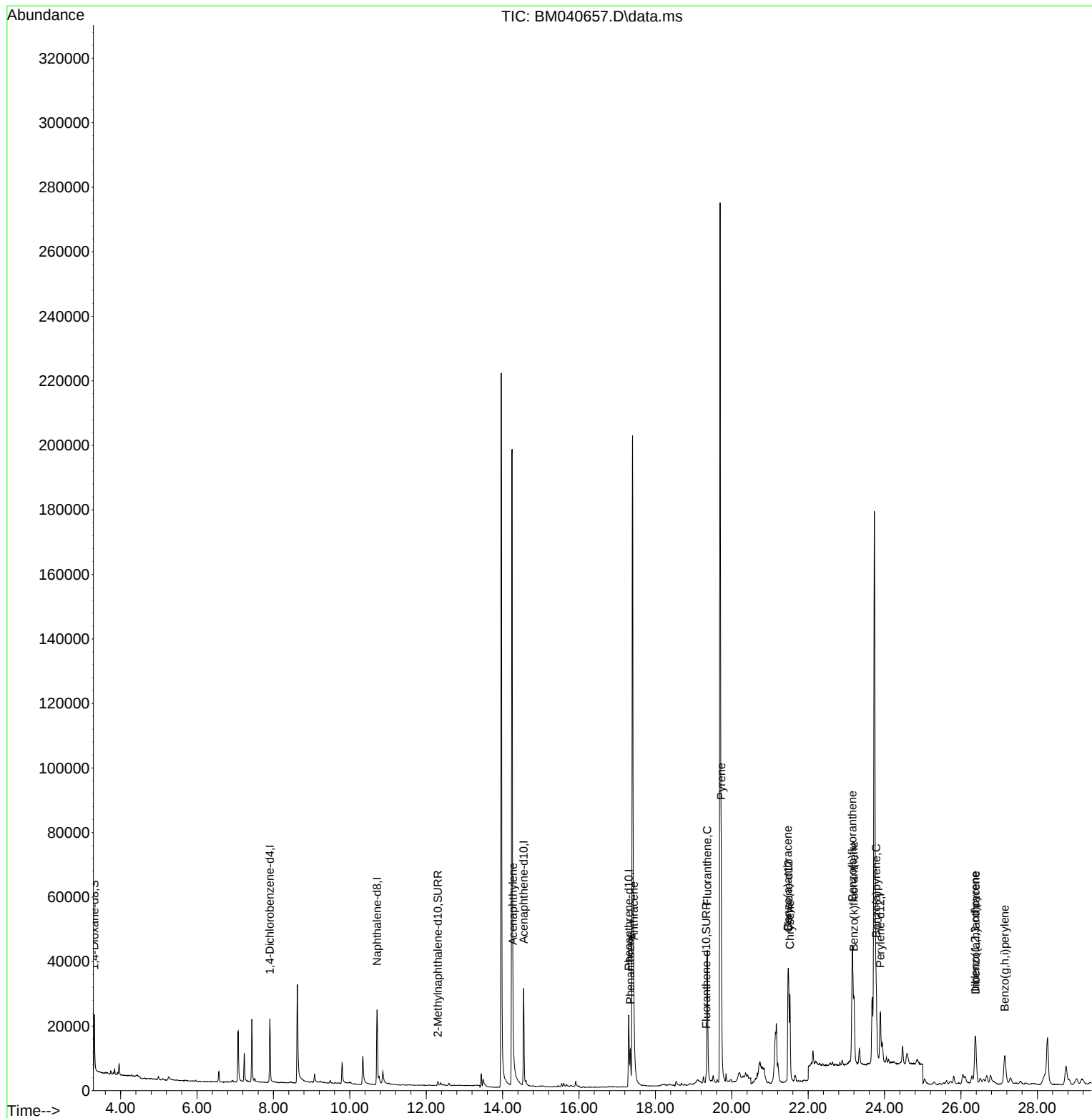
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040657.D
Acq On : 06 Jul 2023 01:59
Operator : MA/JU
Sample : 03248-01DL 5X
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ALS Vial : 26 Sample Multiplier: 1

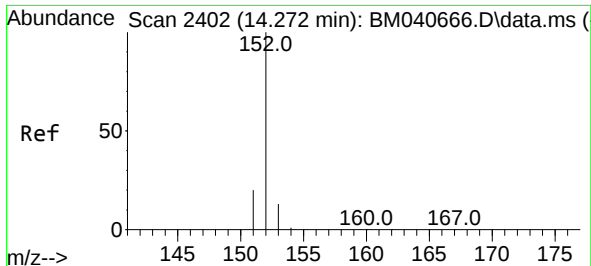
Instrument :
BNA_M
ClientSampleId :
DCGM9DL

Quant Time: Jul 06 04:20:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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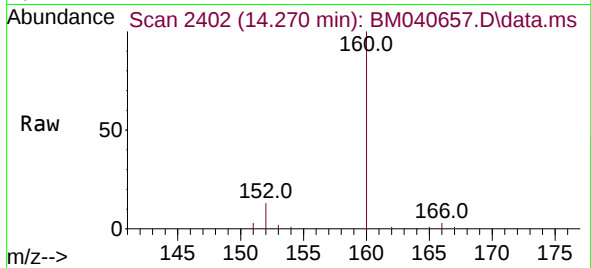
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.270 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

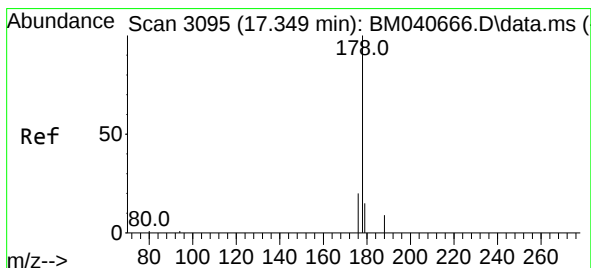
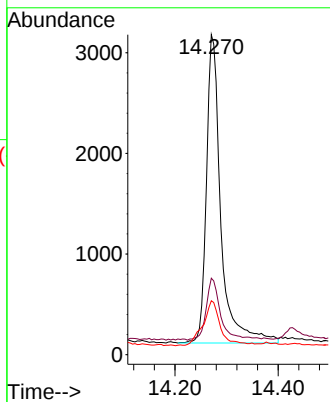
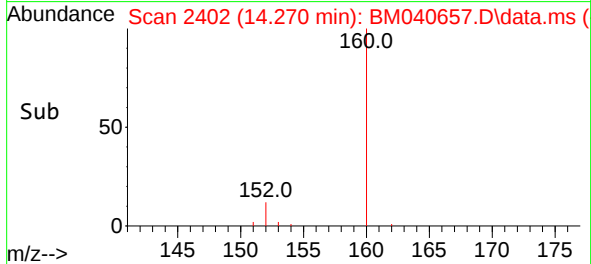
Instrument :
BNA_M
ClientSampleId :
DCGM9DL



Tgt Ion:152 Resp: 5948
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.2
153 16.9 10.9 16.3

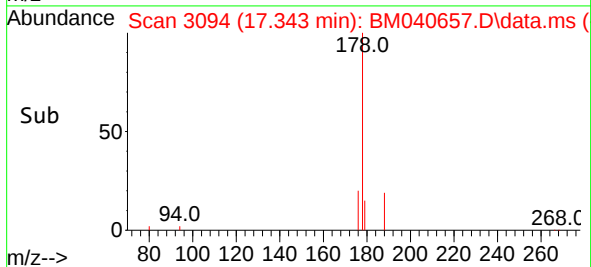
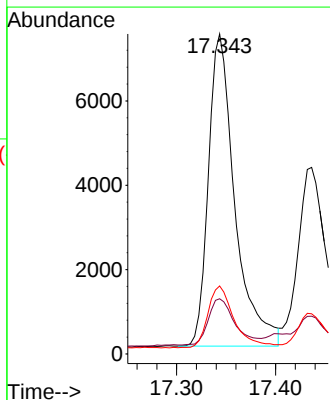
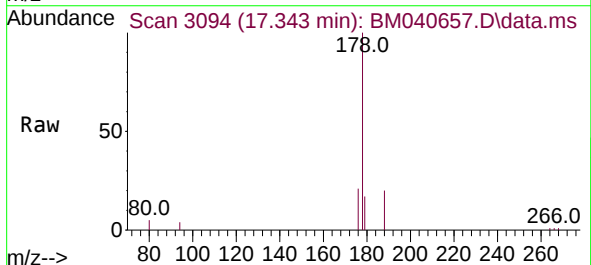
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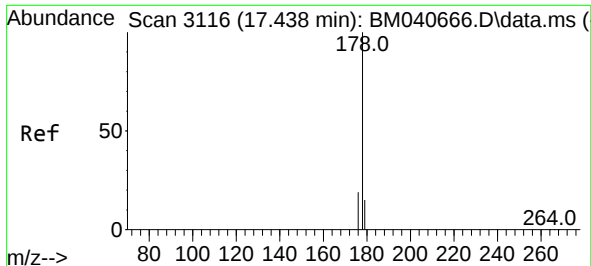
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.343 min Scan# 3094
Delta R.T. -0.008 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

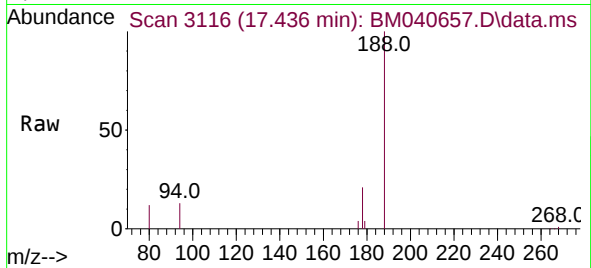
Tgt Ion:178 Resp: 13763
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 21.2 16.4 24.6





#16
 Anthracene
 Concen: 0.108 ng/ul
 RT: 17.436 min Scan# 3116
 Delta R.T. -0.008 min
 Lab File: BM040657.D
 Acq: 06 Jul 2023 01:59

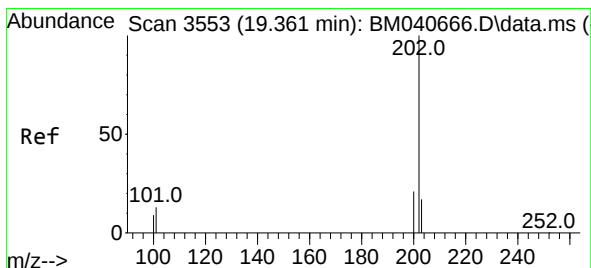
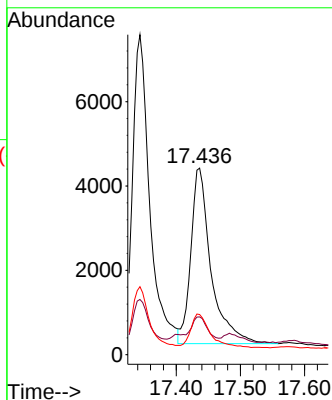
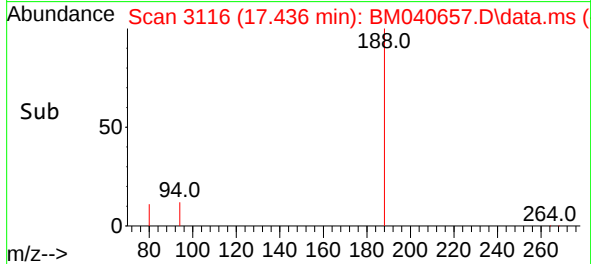
Instrument :
 BNA_M
 ClientSampleId :
 DCGM9DL



Tgt Ion:178 Resp: 908
 Ion Ratio Lower Upper
 178 100
 179 20.3 12.9 19.3
 176 21.5 15.8 23.6

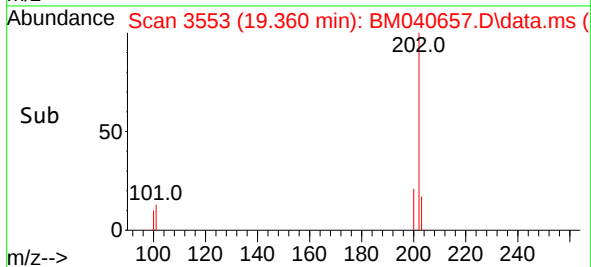
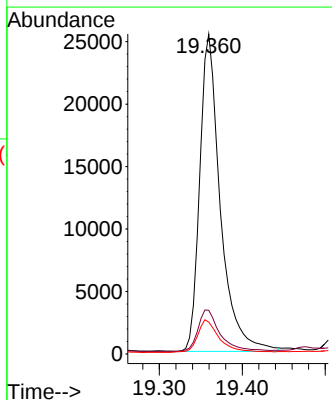
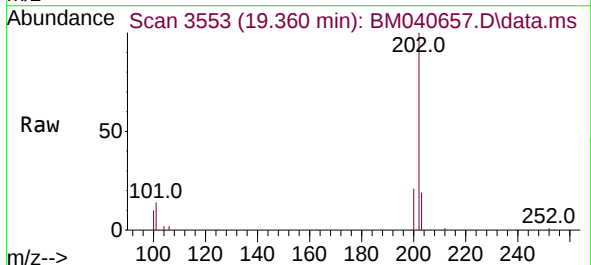
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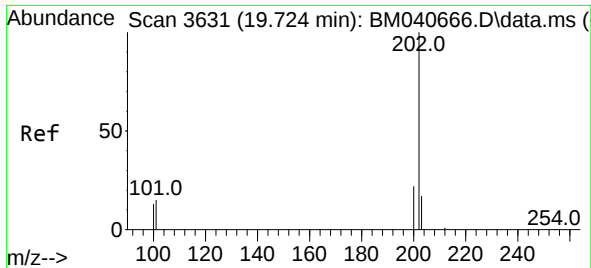
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 0.475 ng/ul
 RT: 19.360 min Scan# 3553
 Delta R.T. -0.009 min
 Lab File: BM040657.D
 Acq: 06 Jul 2023 01:59

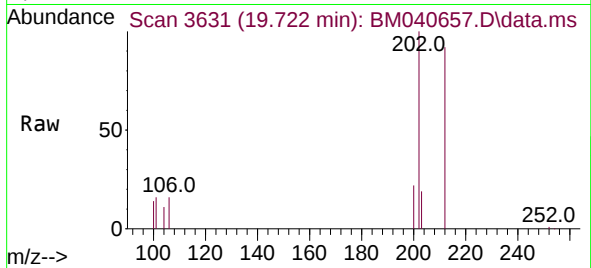
Tgt Ion:202 Resp: 43849
 Ion Ratio Lower Upper
 202 100
 101 13.6 11.4 17.0
 100 10.0 8.7 13.1





#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.722 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

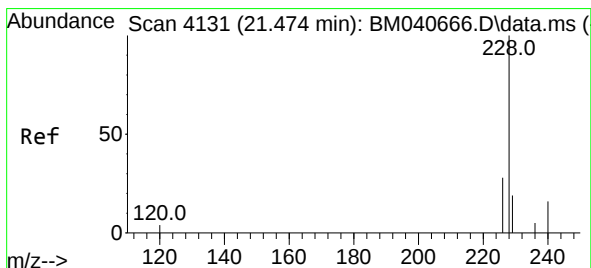
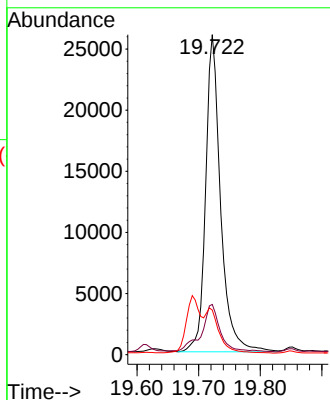
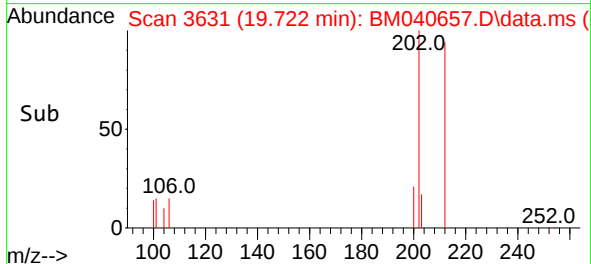
Instrument :
BNA_M
ClientSampleId :
DCGM9DL



Tgt Ion:202 Resp: 4366
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 14.0 9.8 14.6

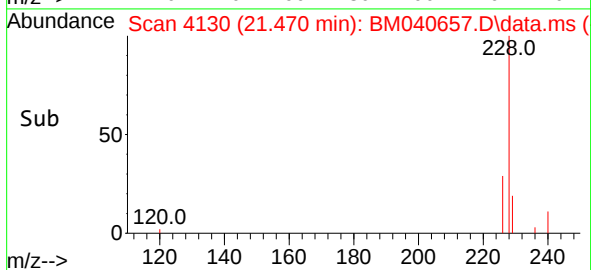
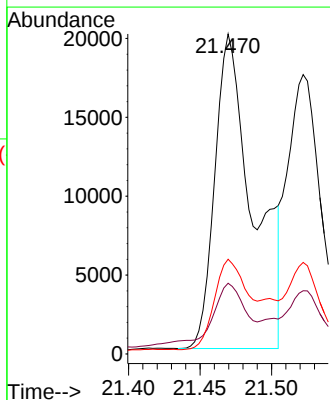
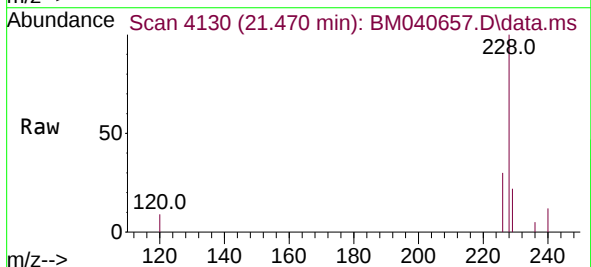
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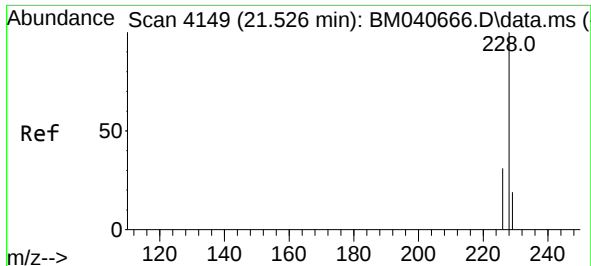
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.470 min Scan# 4130
Delta R.T. -0.009 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

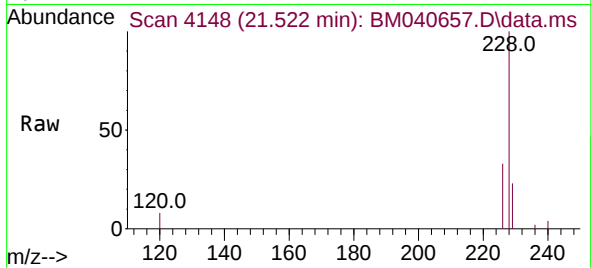
Tgt Ion:228 Resp: 36772
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.6 22.3 33.5





#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.522 min Scan# 4149
Delta R.T. -0.009 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

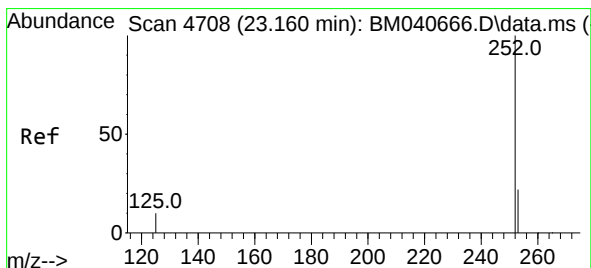
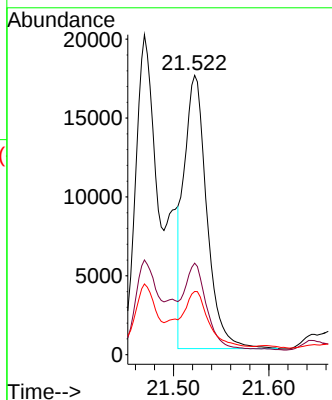
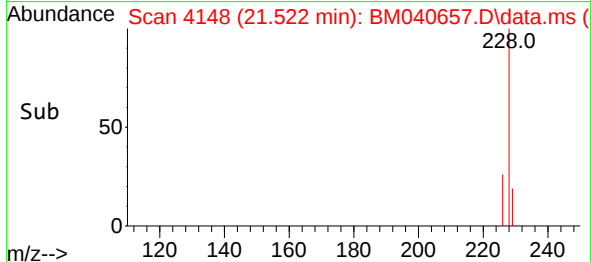
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BNA_M
ClientSampleId :
DCGM9DL



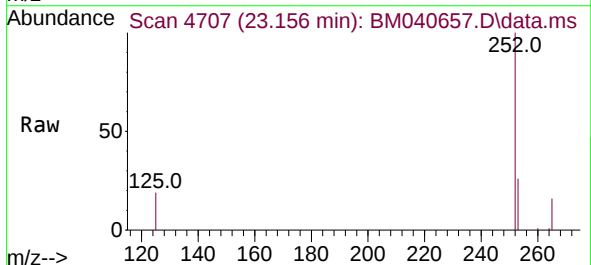
Tgt Ion:228 Resp: 2869
Ion Ratio Lower Upper
228 100
226 32.8 24.9 37.3
229 22.6 15.8 23.6

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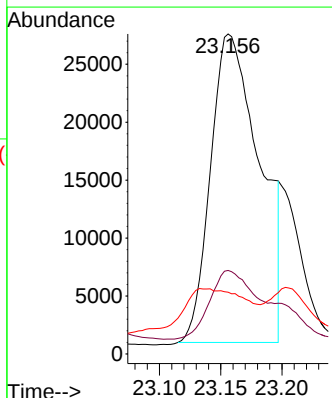
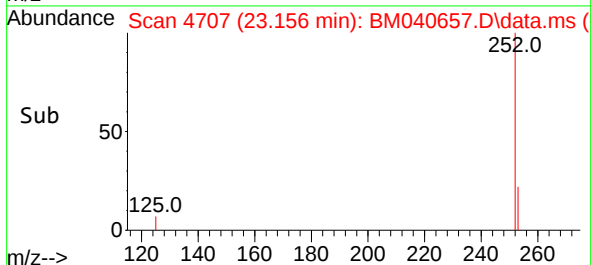
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

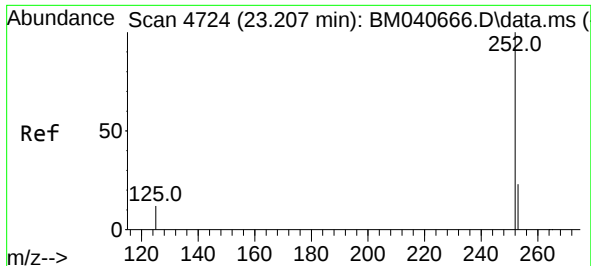


#24
Benzo(b)fluoranthene
Concen: 0.836 ng/ul
RT: 23.156 min Scan# 4707
Delta R.T. -0.012 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59



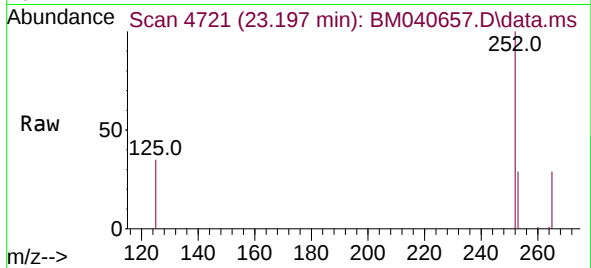
Tgt Ion:252 Resp: 74113
Ion Ratio Lower Upper
252 100
253 26.1 0.0 52.8
125 19.3 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.195 ng/ul m
RT: 23.197 min Scan# 4721
Delta R.T. -0.015 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

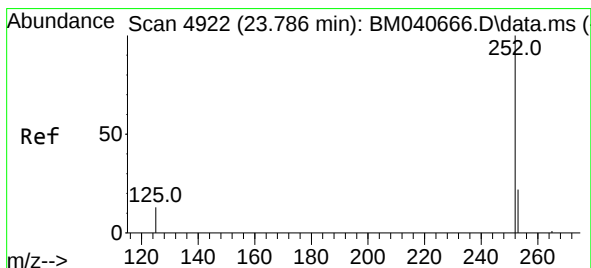
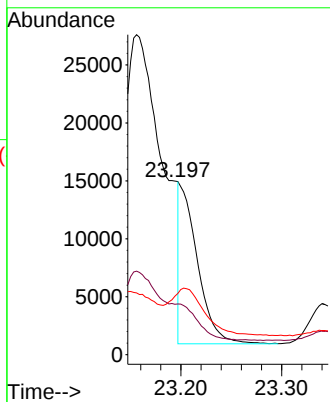
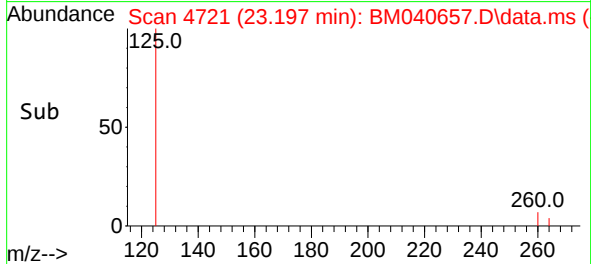
Instrument :
BNA_M
ClientSampleId :
DCGM9DL



Tgt Ion:252 Resp: 1706
Ion Ratio Lower Upper
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253 29.3 21.2 31.8
125 35.4 16.4 24.6

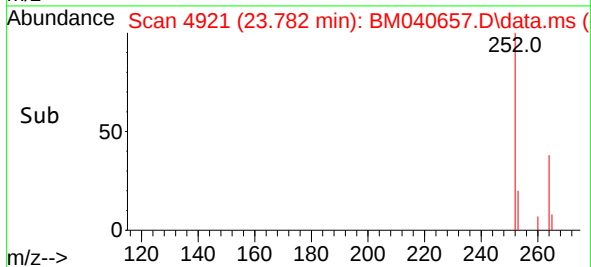
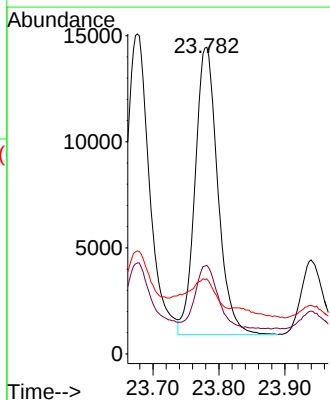
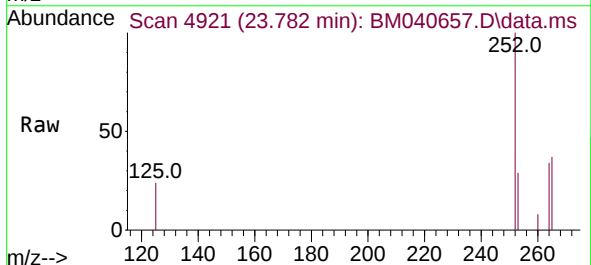
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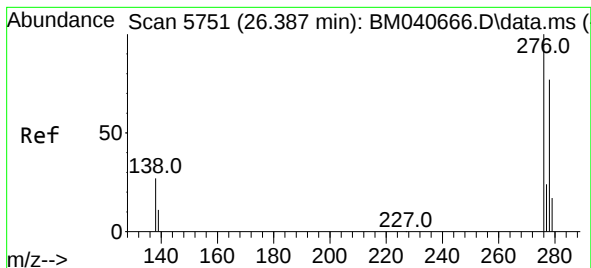
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.782 min Scan# 4921
Delta R.T. -0.012 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

Tgt Ion:252 Resp: 32470
Ion Ratio Lower Upper
252 100
253 28.9 22.9 34.3
125 24.5 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 26.372 min Scan# 5747

Delta R.T. -0.017 min

Lab File: BM040657.D

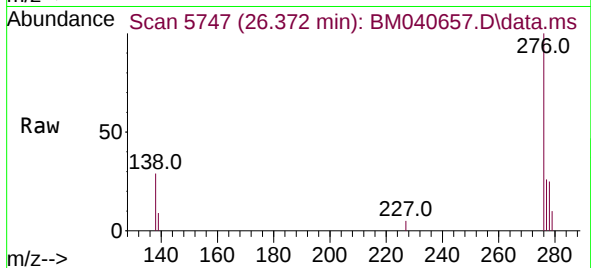
Acq: 06 Jul 2023 01:59

Instrument :

BNA_M

ClientSampleId :

DCGM9DL



Tgt Ion:276 Resp: 29320

Ion Ratio Lower Upper

276 100

138 23.7 24.5 36.7

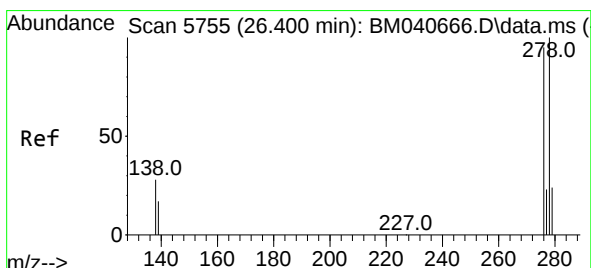
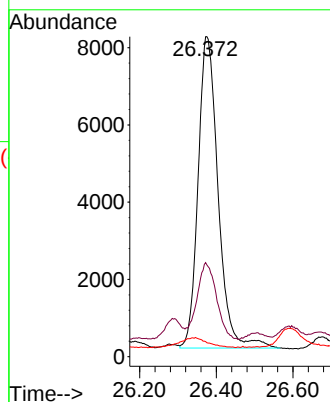
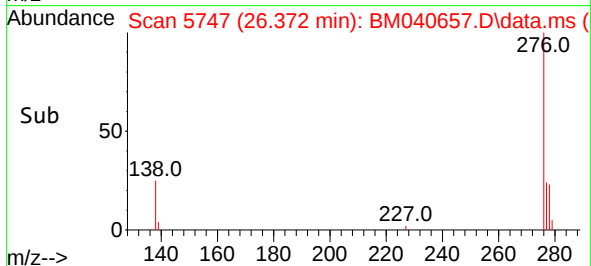
227 0.0 0.1 0.1

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.092 ng/ul

RT: 26.385 min Scan# 5751

Delta R.T. -0.023 min

Lab File: BM040657.D

Acq: 06 Jul 2023 01:59

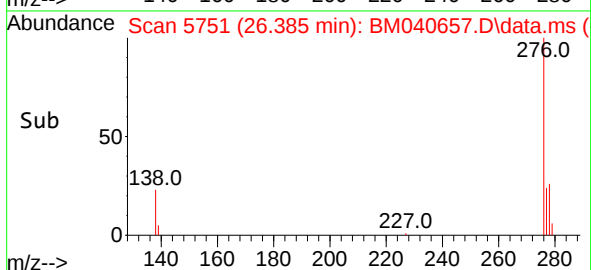
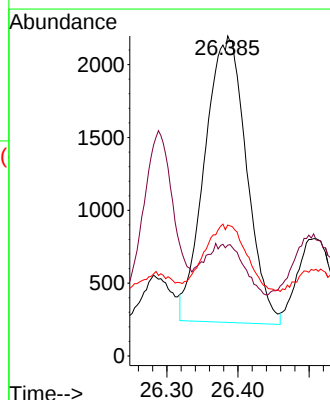
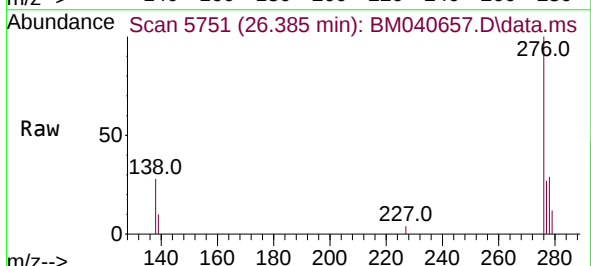
Tgt Ion:278 Resp: 7996

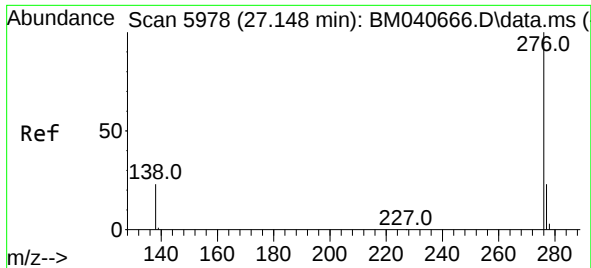
Ion Ratio Lower Upper

278 100

139 34.6 17.9 26.9#

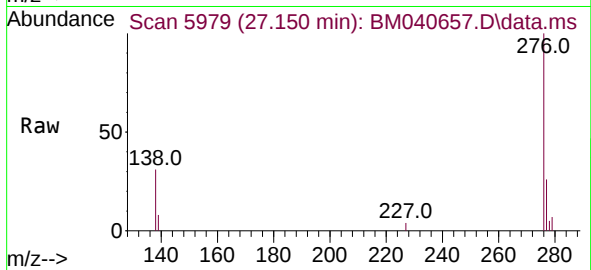
279 40.9 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.150 min Scan# 5979
Delta R.T. -0.013 min
Lab File: BM040657.D
Acq: 06 Jul 2023 01:59

Instrument :
BNA_M
ClientSampleId :
DCGM9DL



Tgt Ion: 276 Resp: 24039
Ion Ratio Lower Upper
276 100
138 30.9 23.0 34.6
277 26.2 20.3 30.5

Manual Integrations
APPROVED

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