

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040679.D
 Acq On : 06 Jul 2023 16:25
 Operator : MA/JU
 Sample : 03248-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN8

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 17:16:52 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	6885	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	26835	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	14056	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	27254	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.488	240	20297	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	19760	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	28398	2.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	8218	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	16468	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	16278	0.220	ng/ul	97
7) 2-Methylnaphthalene	12.373	142	7426	0.171	ng/ul	98
8) 1-Methylnaphthalene	12.593	142	4501	0.104	ng/ul	98
10) Acenaphthylene	14.272	152	48089	0.766	ng/ul	100
11) Acenaphthene	14.609	153	3828	0.072	ng/ul	95
12) Fluorene	15.599	166	3644	0.064	ng/ul#	96
15) Phenanthrene	17.341	178	127129	1.502	ng/ul	96
16) Anthracene	17.434	178	38557	0.542	ng/ul	97
19) Fluoranthene	19.361	202	591450	6.860	ng/ul	95
20) Pyrene	19.723	202	463271	5.012	ng/ul	97
21) Benzo(a)anthracene	21.474	228	204494	2.979	ng/ul	98
22) Chrysene	21.526	228	217387	2.776	ng/ul	98
24) Benzo(b)fluoranthene	23.163	252	349233	4.567	ng/ul	90
25) Benzo(k)fluoranthene	23.204	252	107097m	1.421	ng/ul	
26) Benzo(a)pyrene	23.789	252	186163	2.703	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.387	276	169945	1.771	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.394	278	40955	0.545	ng/ul	91
29) Benzo(g,h,i)perylene	27.168	276	138794	1.651	ng/ul	98

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

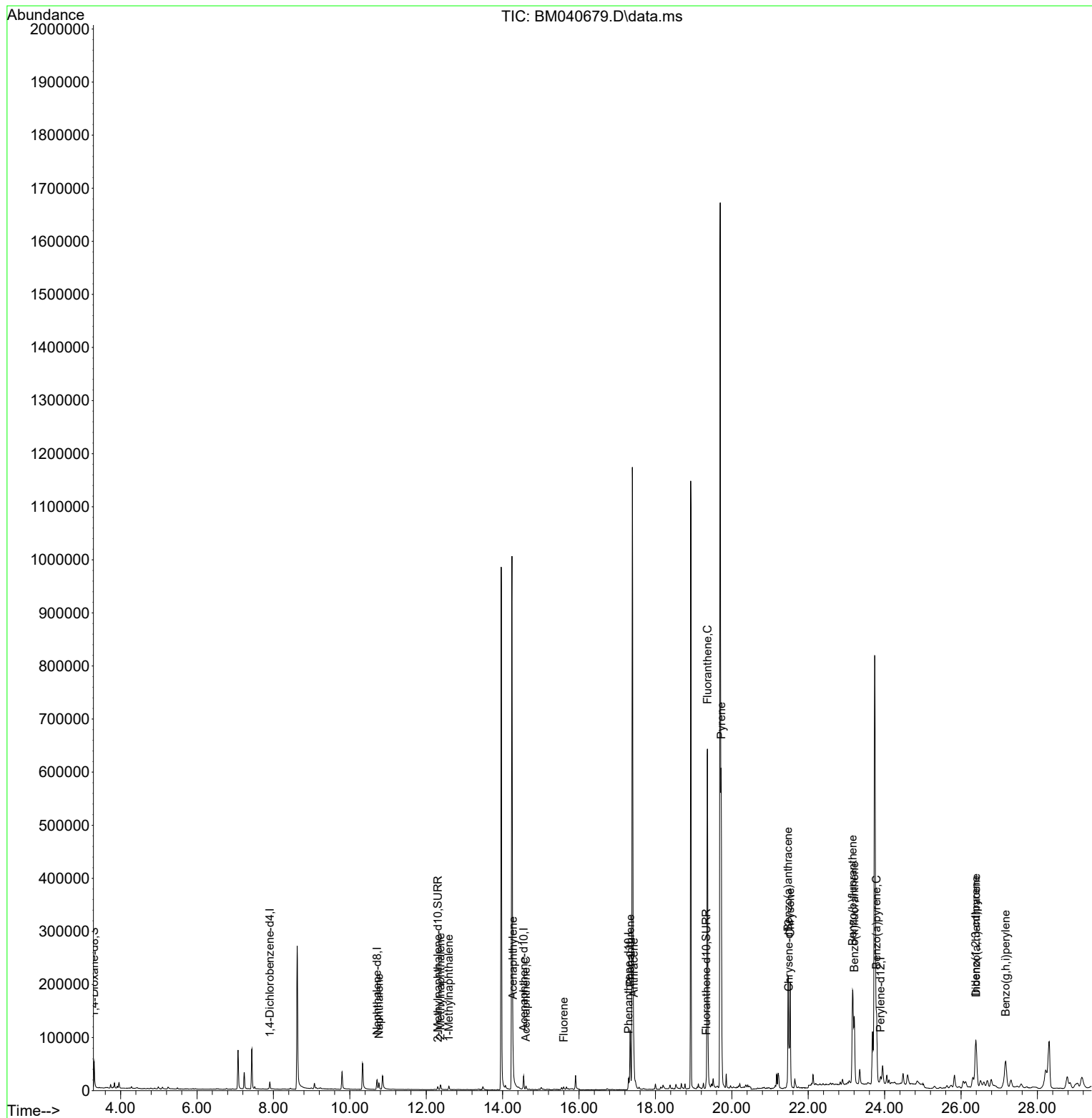
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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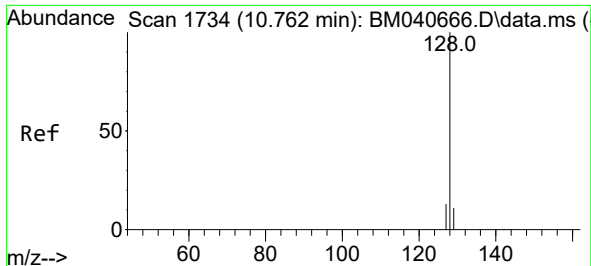
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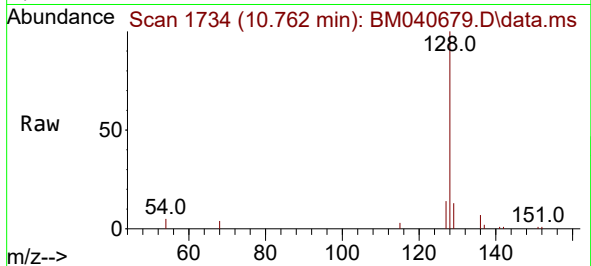
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.220 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

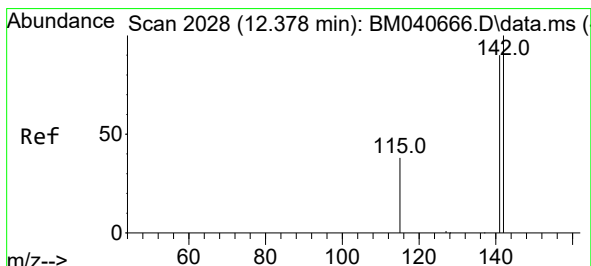
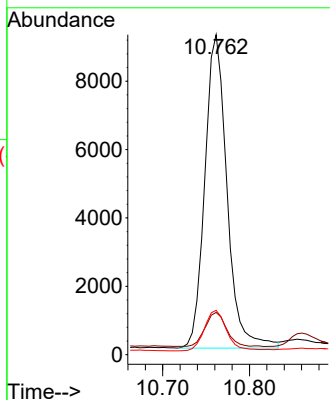
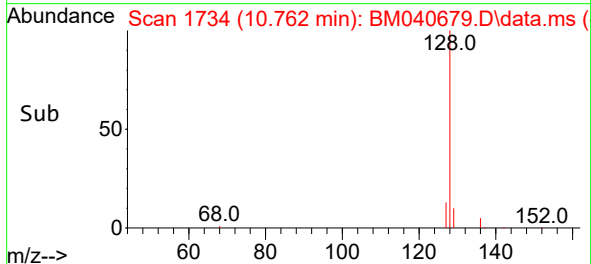
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:128 Resp: 16278
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 13.8 10.6 15.8

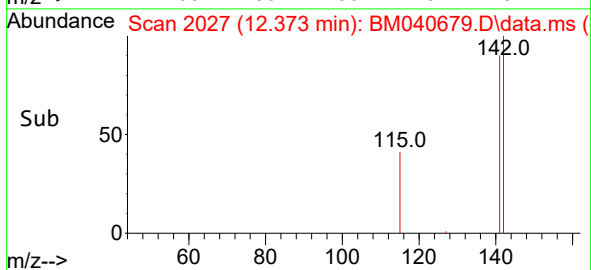
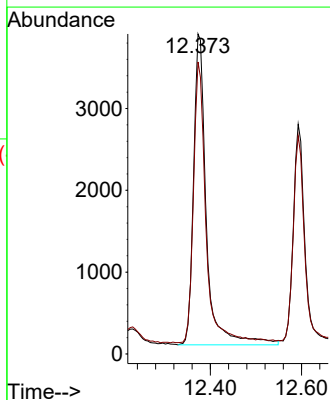
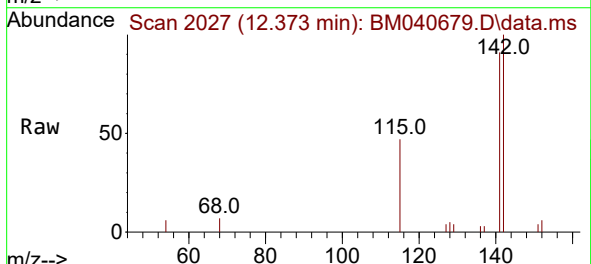
Manual Integrations
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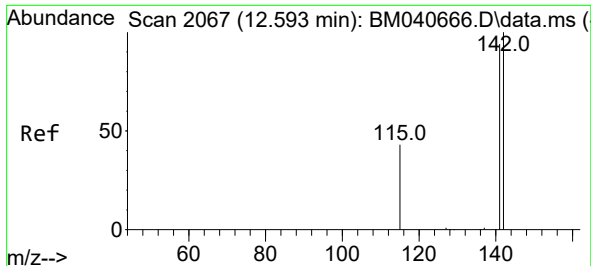
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.373 min Scan# 2027
Delta R.T. -0.010 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

Tgt Ion:142 Resp: 7426
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9





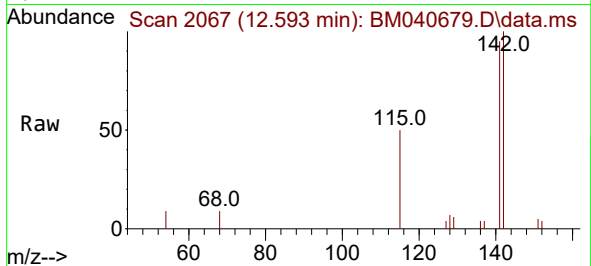
#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

Instrument :

BNA_M

ClientSampleId :

DCGN8

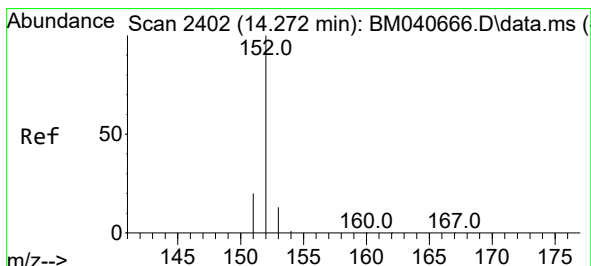
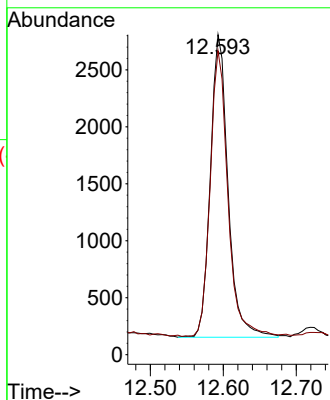
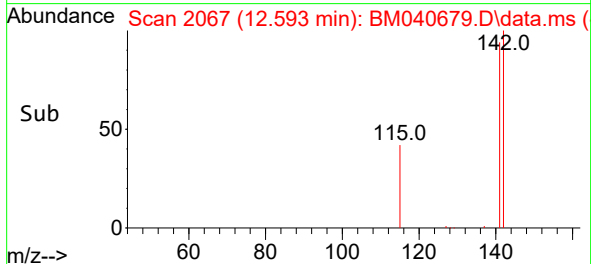


Tgt Ion:142 Resp: 450
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5

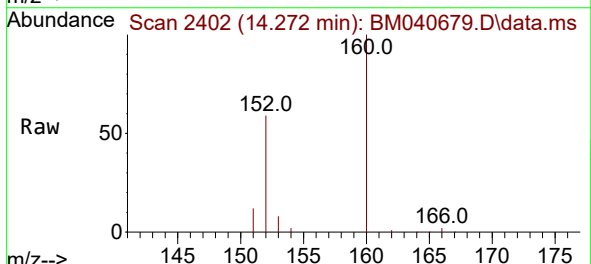
Manual Integrations

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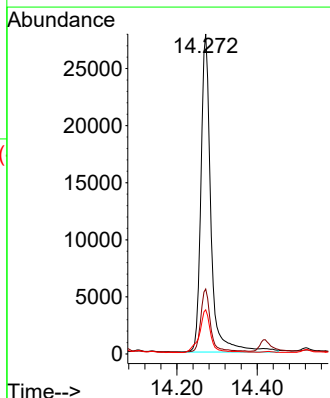
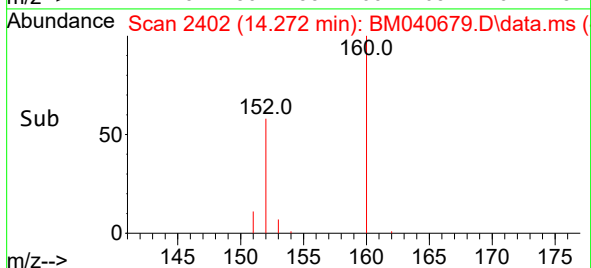
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

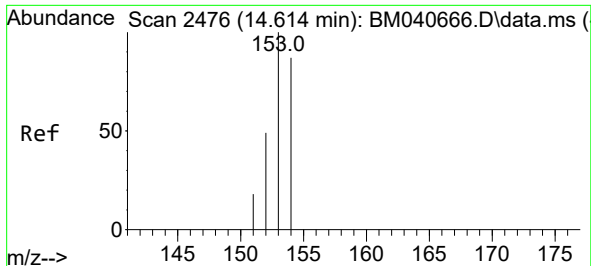


#10
Acenaphthylene
Concen: 0.766 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25



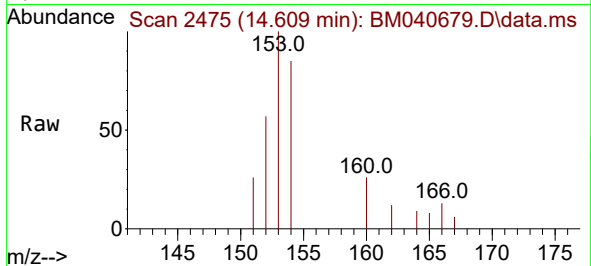
Tgt Ion:152 Resp: 48089
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.609 min Scan# 2475
Delta R.T. -0.008 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

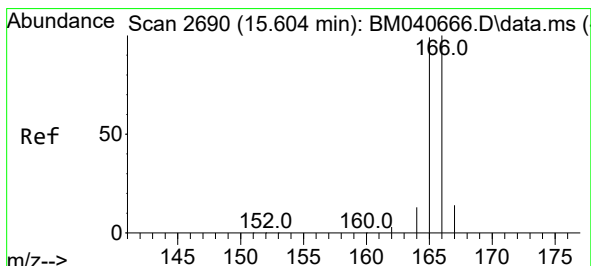
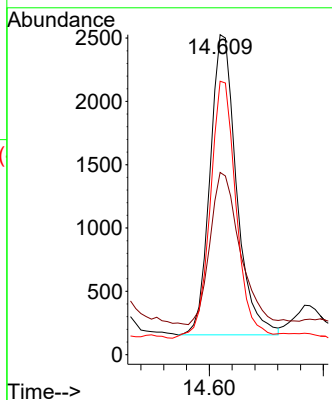
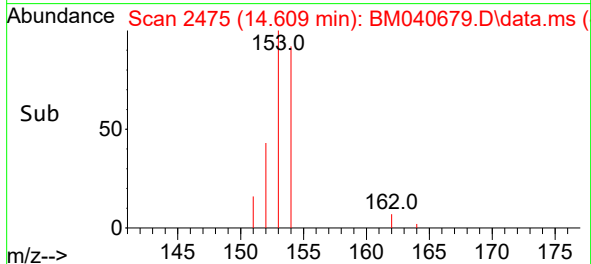
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:153 Resp: 3828
Ion Ratio Lower Upper
153 100
152 56.9 41.0 61.4
154 85.4 70.8 106.2

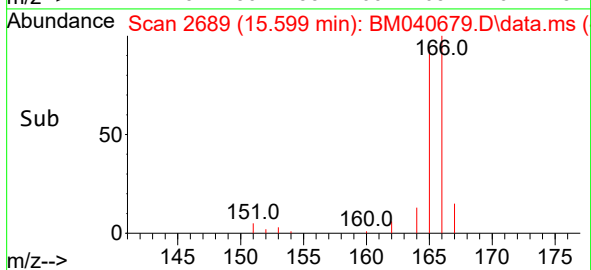
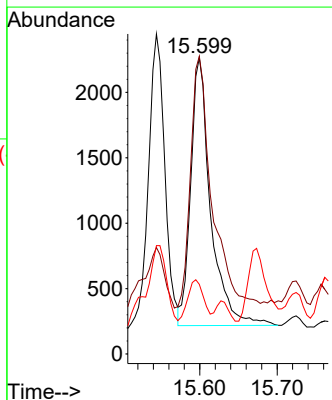
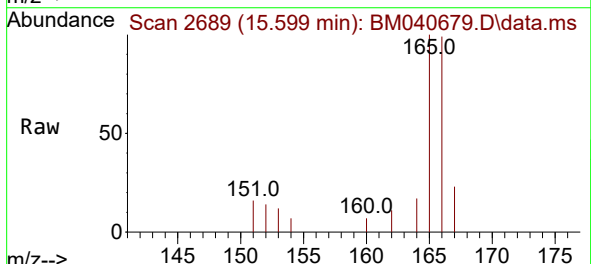
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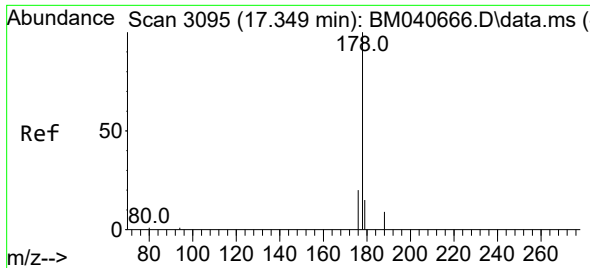
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.599 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

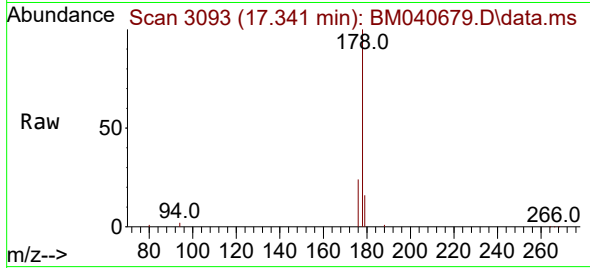
Tgt Ion:166 Resp: 3644
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 23.5 11.4 17.0#





#15
Phenanthrene
Concen: 1.502 ng/ul
RT: 17.341 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

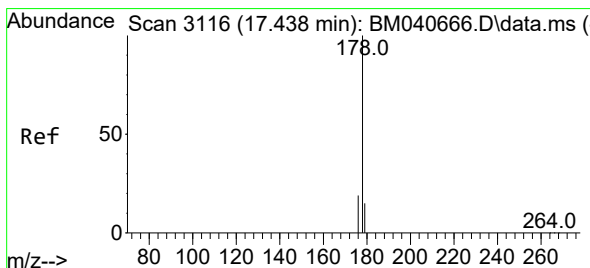
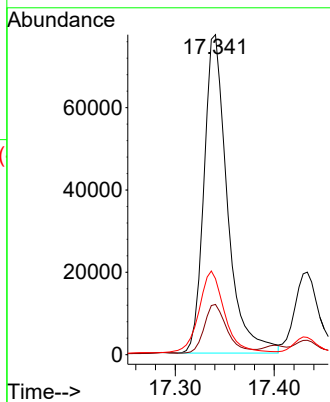
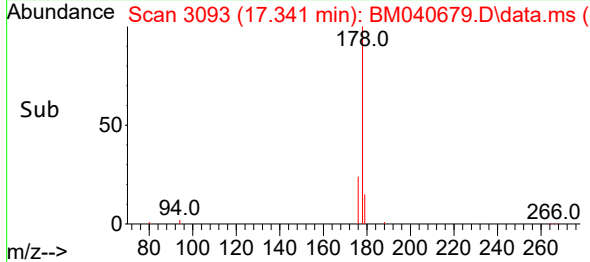
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:178 Resp: 127129
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 23.7 16.4 24.6

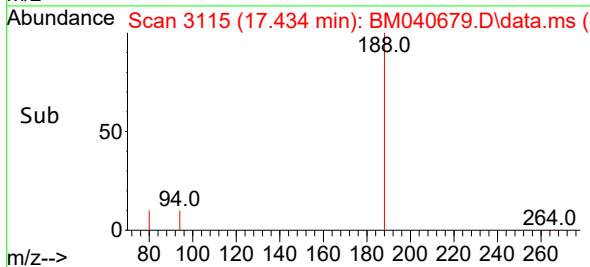
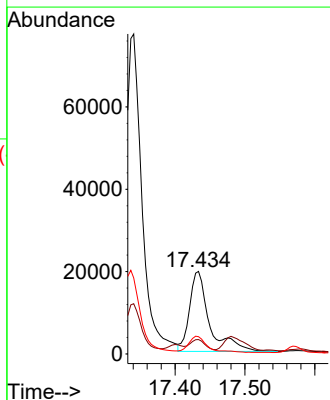
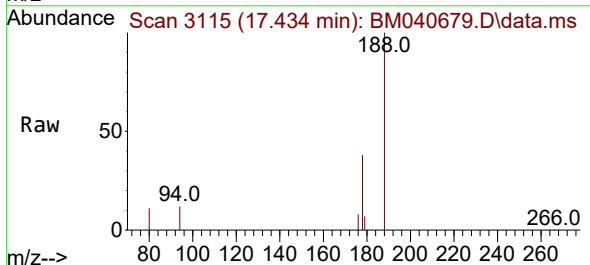
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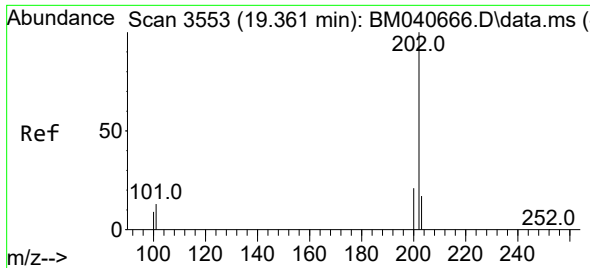
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.542 ng/ul
RT: 17.434 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

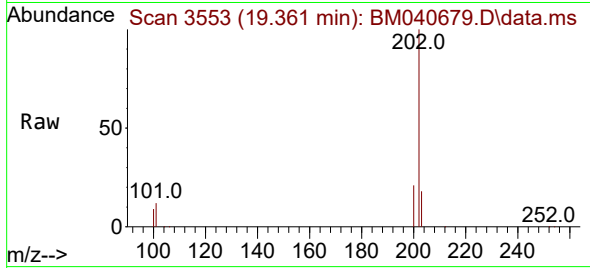
Tgt Ion:178 Resp: 38557
Ion Ratio Lower Upper
178 100
179 17.4 12.9 19.3
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 6.860 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

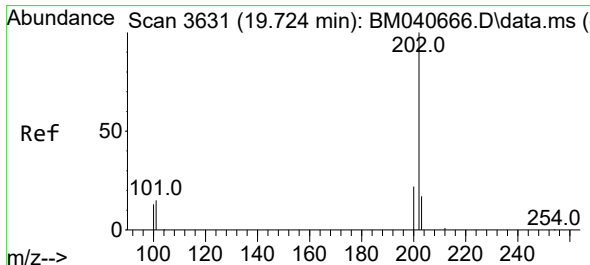
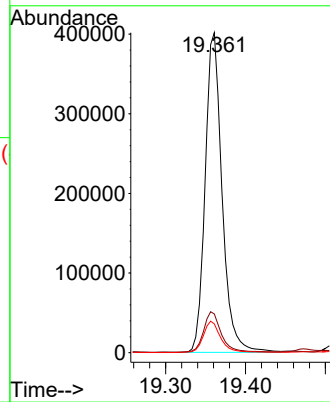
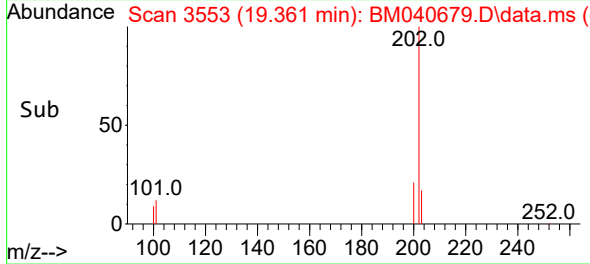
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:202 Resp: 591450
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.0 8.7 13.1

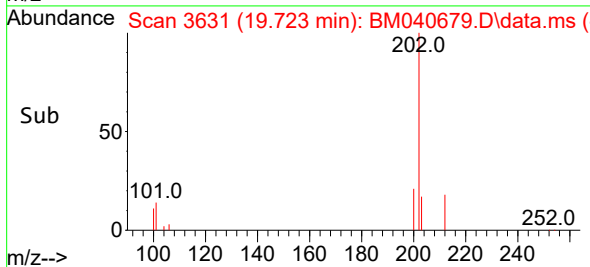
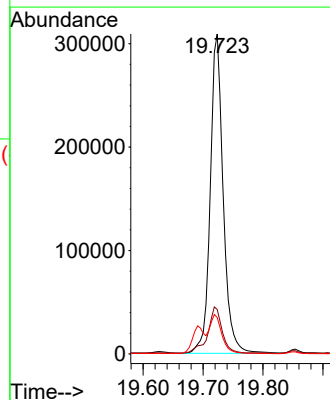
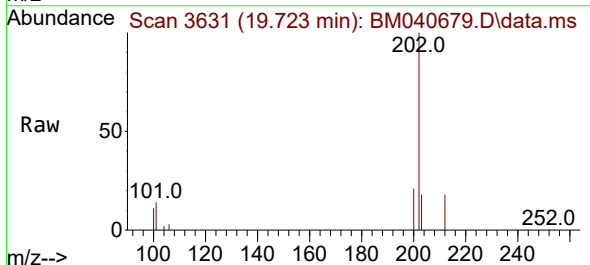
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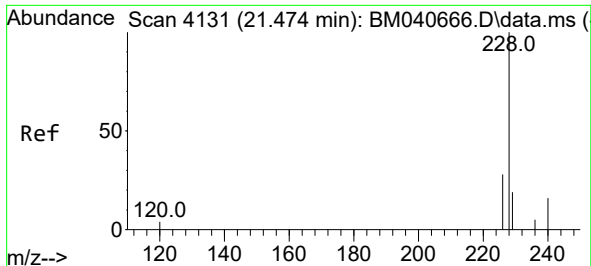
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 5.012 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

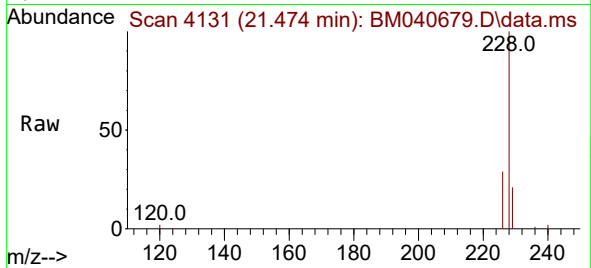
Tgt Ion:202 Resp: 463271
Ion Ratio Lower Upper
202 100
101 13.9 12.6 18.8
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.979 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.004 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

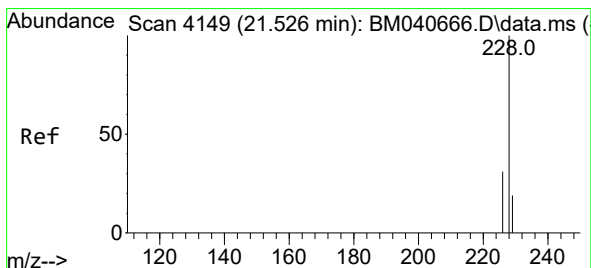
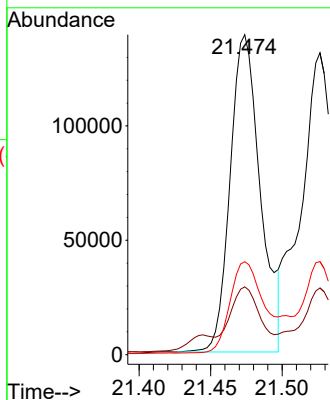
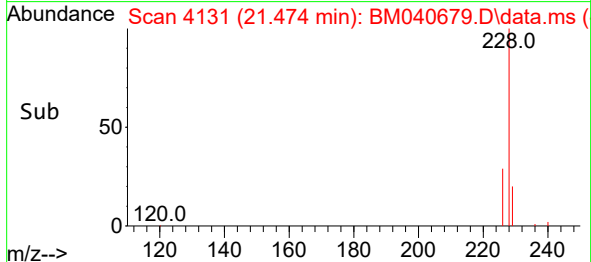
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:228 Resp: 204494
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 29.1 22.3 33.5

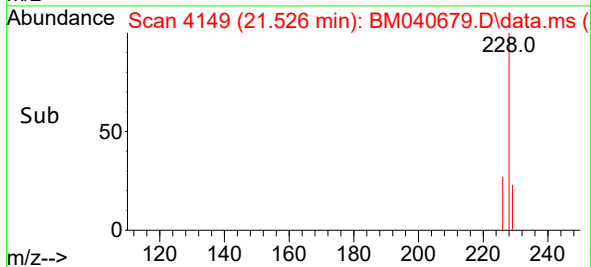
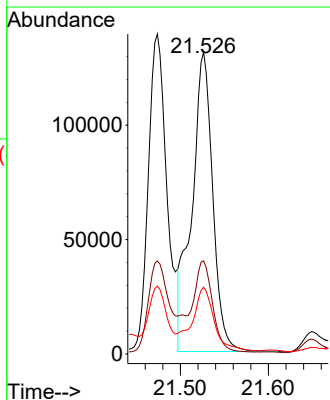
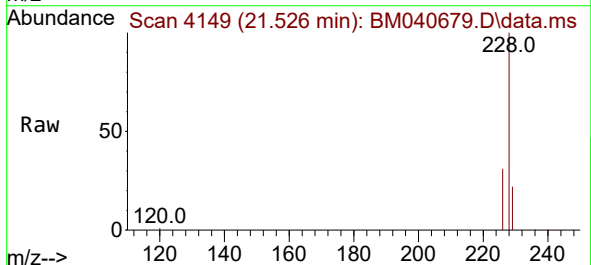
Manual Integrations
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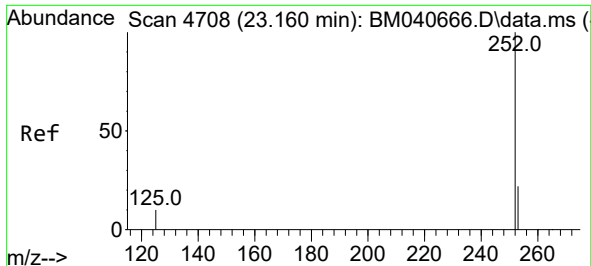
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 2.776 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

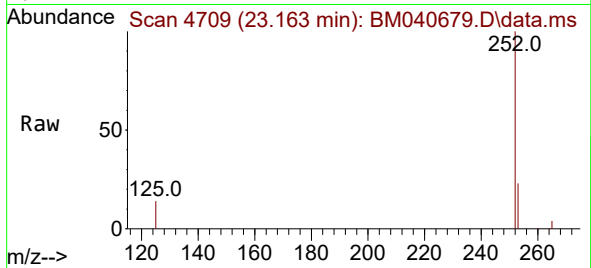
Tgt Ion:228 Resp: 217387
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.567 ng/ul
RT: 23.163 min Scan# 4708
Delta R.T. -0.005 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

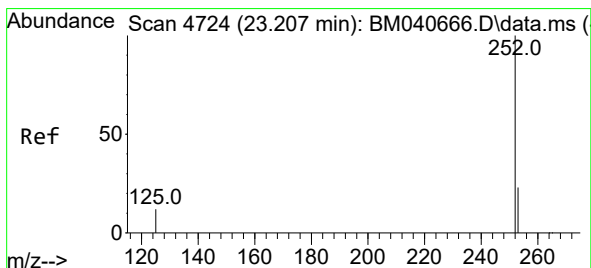
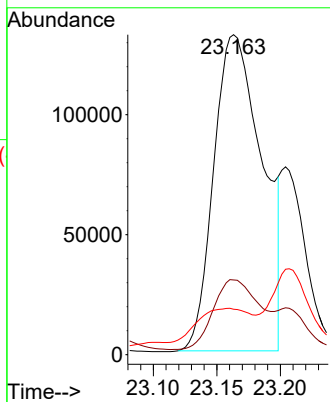
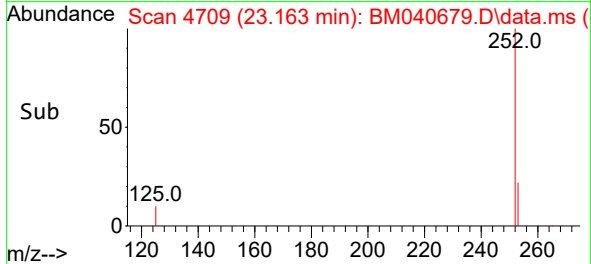
Instrument :
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DCGN8



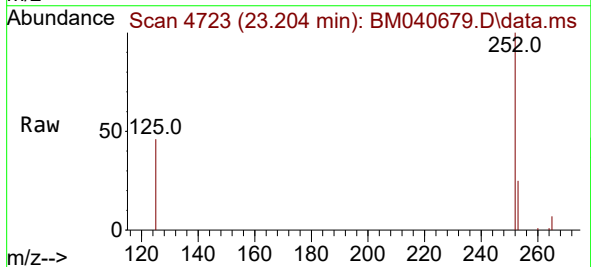
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Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.8
125 14.2 0.0 43.0

Manual Integrations
APPROVED

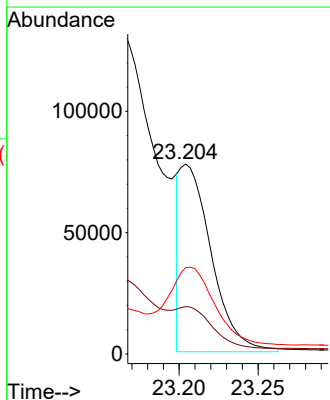
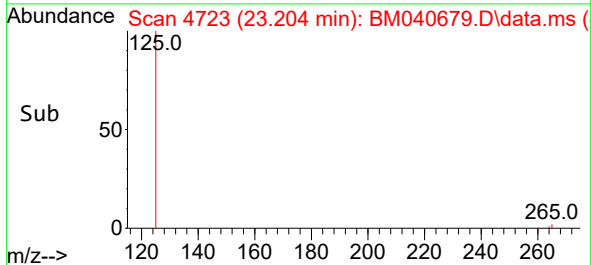
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

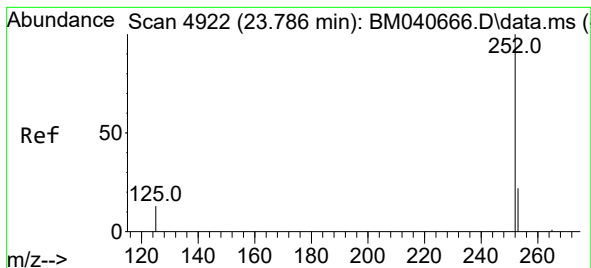


#25
Benzo(k)fluoranthene
Concen: 1.421 ng/ul m
RT: 23.204 min Scan# 4723
Delta R.T. -0.007 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25



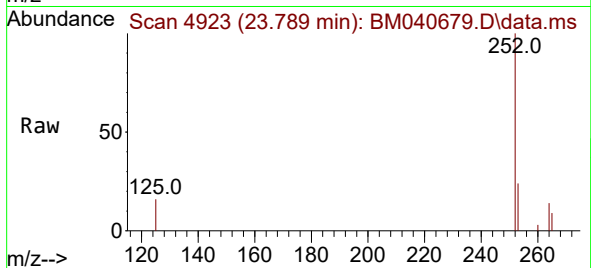
Tgt Ion:252 Resp: 107097
Ion Ratio Lower Upper
252 100
253 24.9 21.2 31.8
125 45.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.703 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.005 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

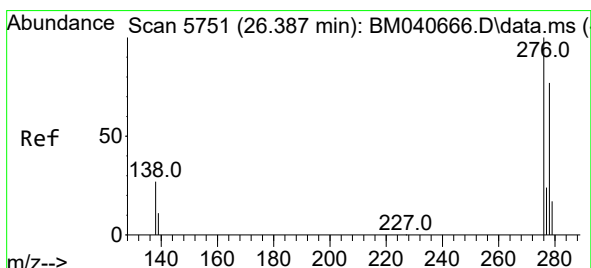
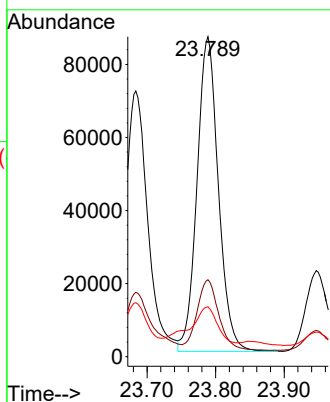
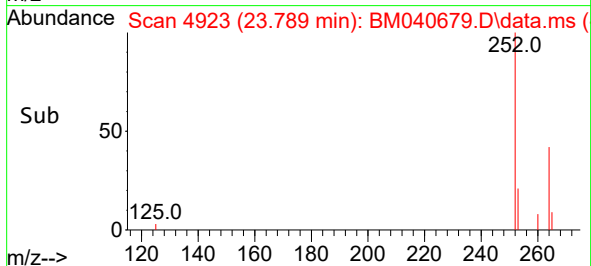
Instrument :
BNA_M
ClientSampleId :
DCGN8



Tgt Ion:252 Resp: 18616
Ion Ratio Lower Upper
252 100
253 24.1 22.9 34.3
125 15.6 21.0 31.4

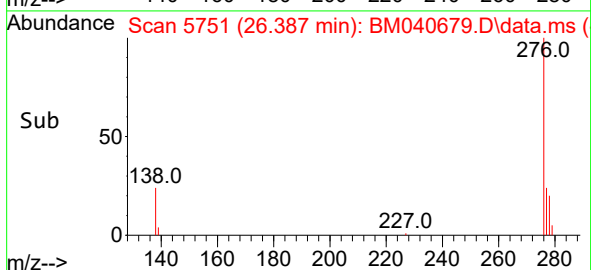
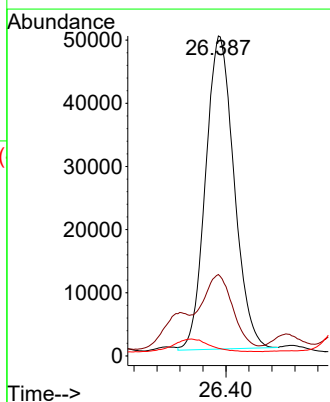
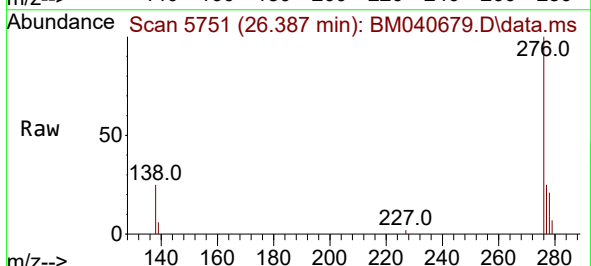
Manual Integrations
APPROVED

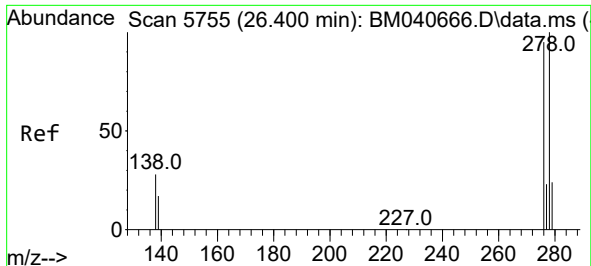
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.771 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.002 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

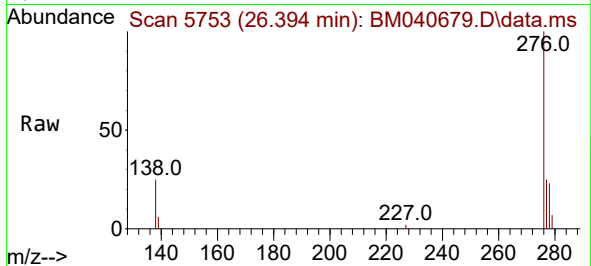
Tgt Ion:276 Resp: 169945
Ion Ratio Lower Upper
276 100
138 21.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.545 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.015 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25

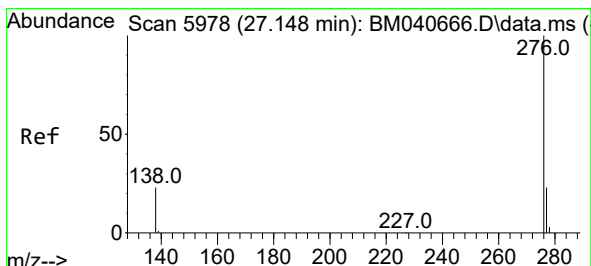
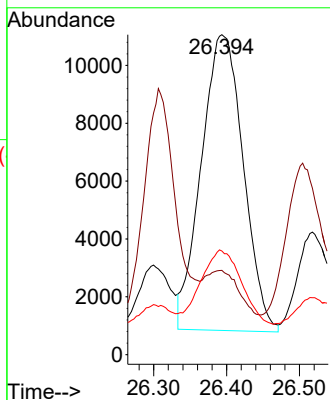
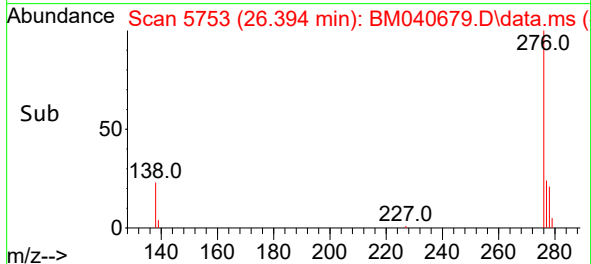
Instrument :
BNA_M
ClientSampleId :
DCGN8



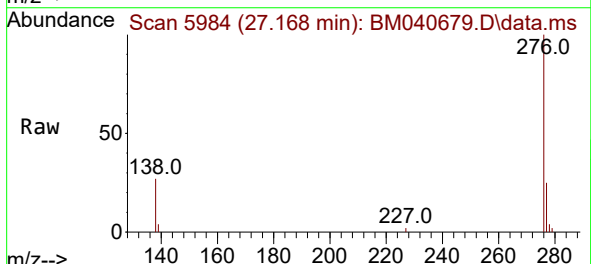
Tgt Ion:278 Resp: 4095
Ion Ratio Lower Upper
278 100
139 26.3 17.9 26.9
279 32.4 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.651 ng/ul
RT: 27.168 min Scan# 5984
Delta R.T. 0.005 min
Lab File: BM040679.D
Acq: 06 Jul 2023 16:25



Tgt Ion:276 Resp: 138794
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 24.6 20.3 30.5

