

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040660.D
 Acq On : 06 Jul 2023 03:51
 Operator : MA/JU
 Sample : 03248-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN1

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 04:49:03 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	8112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	29285	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	14577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	26801	0.400	ng/ul	-0.01
17) Chrysene-d12	21.486	240	17301	0.400	ng/ul	-0.01
23) Perylene-d12	23.888	264	18005	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	41153	3.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	9628	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	15902	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	48045	0.595	ng/ul	99
7) 2-Methylnaphthalene	12.378	142	12595	0.265	ng/ul	100
8) 1-Methylnaphthalene	12.593	142	5210	0.110	ng/ul	99
10) Acenaphthylene	14.272	152	41356	0.635	ng/ul	99
11) Acenaphthene	14.614	153	3132	0.057	ng/ul	96
12) Fluorene	15.600	166	3154	0.054	ng/ul#	93
15) Phenanthrene	17.341	178	76856	0.923	ng/ul	99
16) Anthracene	17.434	178	41801	0.598	ng/ul	99
19) Fluoranthene	19.356	202	217243	2.956	ng/ul	99
20) Pyrene	19.724	202	203753	2.586	ng/ul	98
21) Benzo(a)anthracene	21.468	228	120964	2.067	ng/ul	97
22) Chrysene	21.524	228	141216	2.115	ng/ul	98
24) Benzo(b)fluoranthene	23.157	252	298760	4.288	ng/ul	89
25) Benzo(k)fluoranthene	23.198	252	83200m	1.212	ng/ul	
26) Benzo(a)pyrene	23.780	252	143071	2.279	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.377	276	146880	1.680	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.384	278	35658	0.521	ng/ul	93
29) Benzo(g,h,i)perylene	27.148	276	117945	1.539	ng/ul	96

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

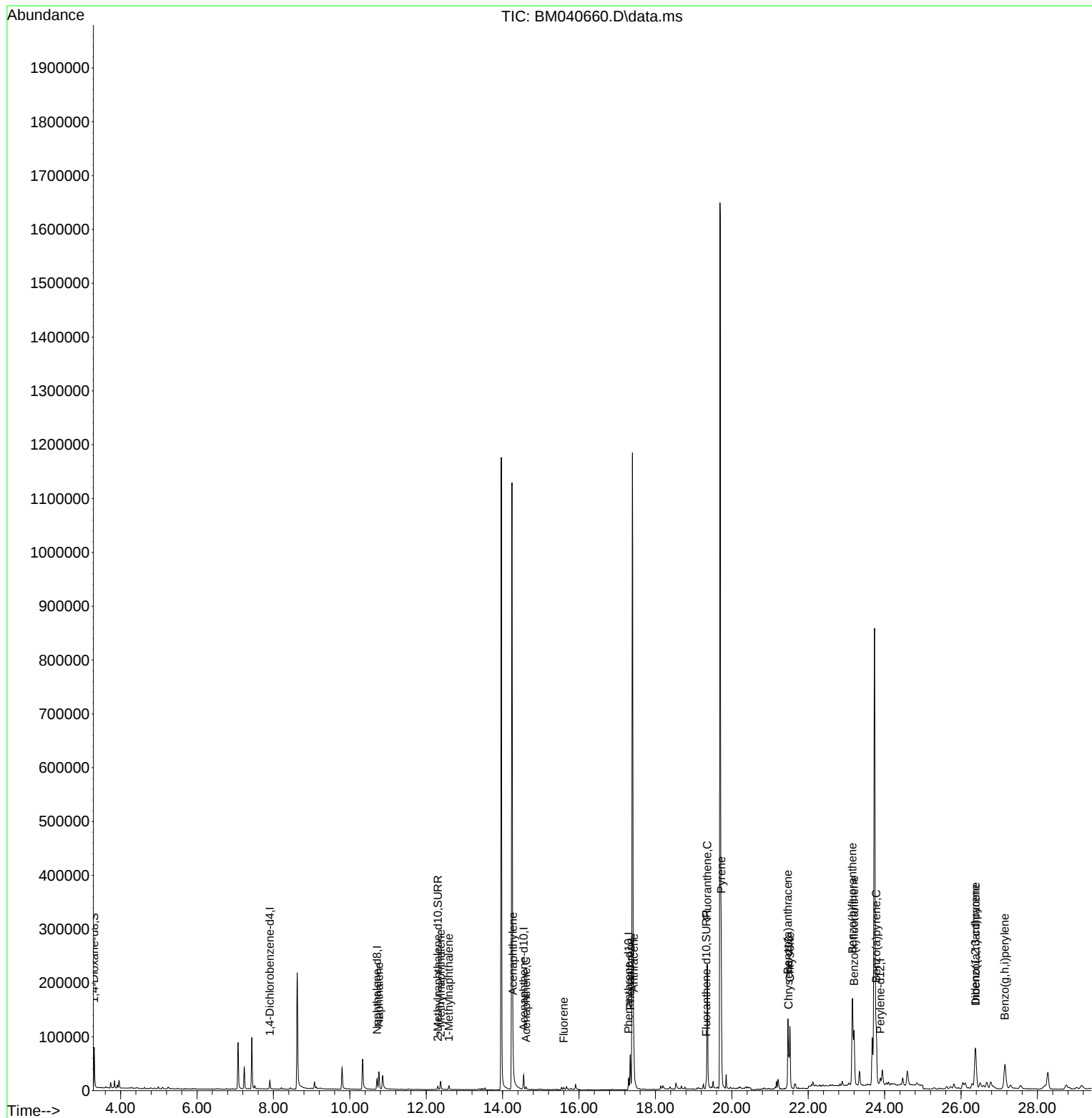
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040660.D
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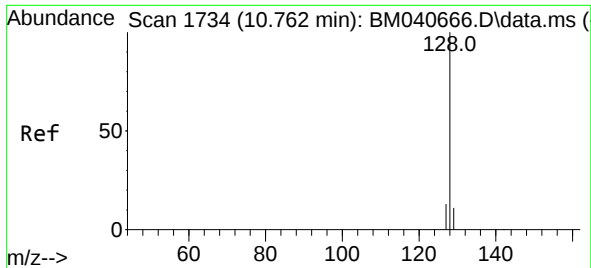
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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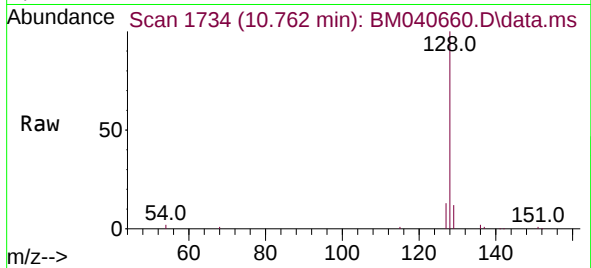
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.595 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

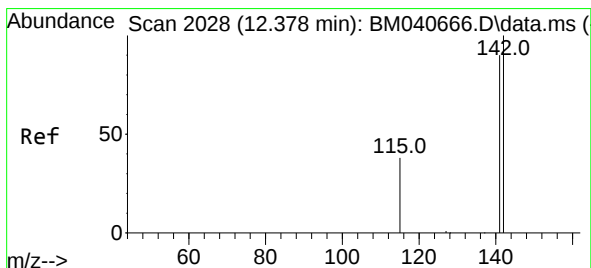
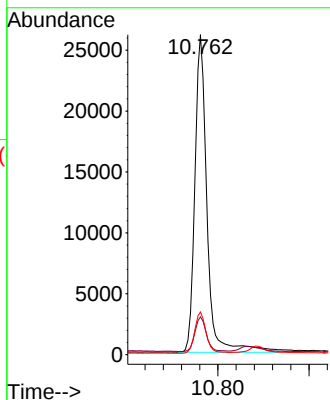
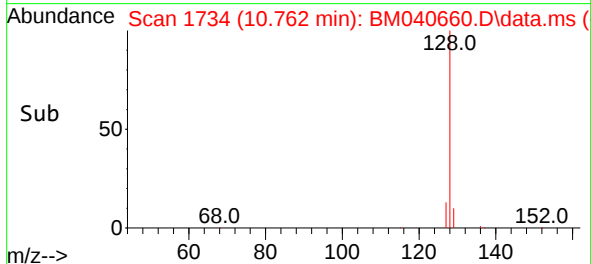
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:128 Resp: 4804
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.3 10.6 15.8

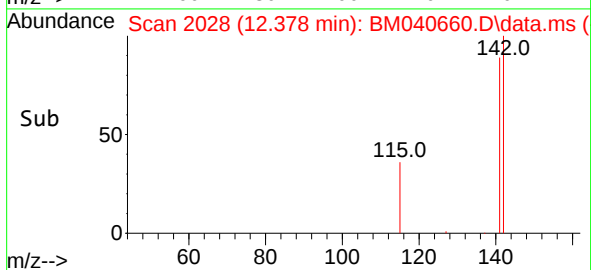
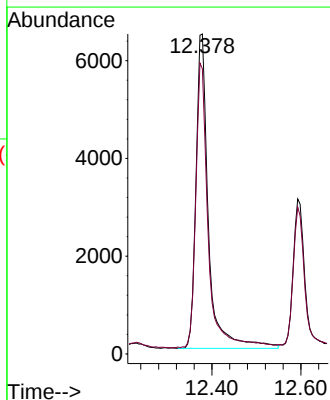
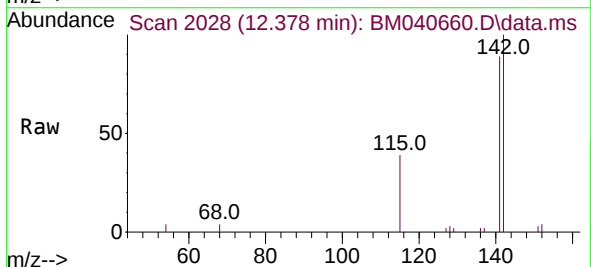
Manual Integrations
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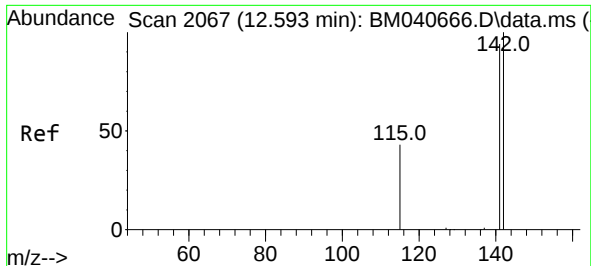
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

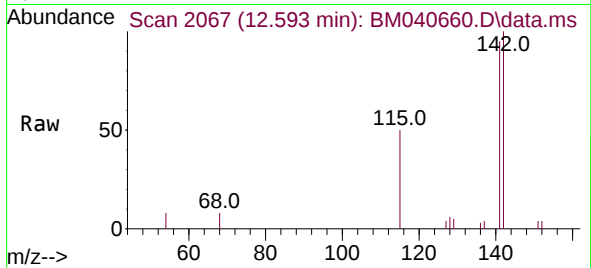
Tgt Ion:142 Resp: 12595
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

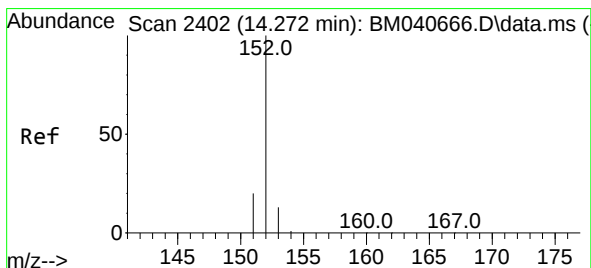
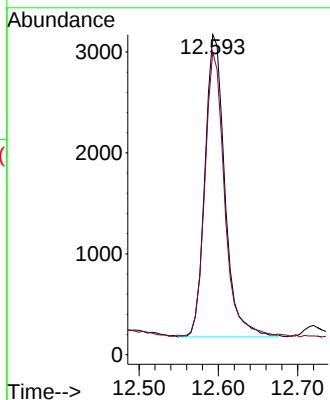
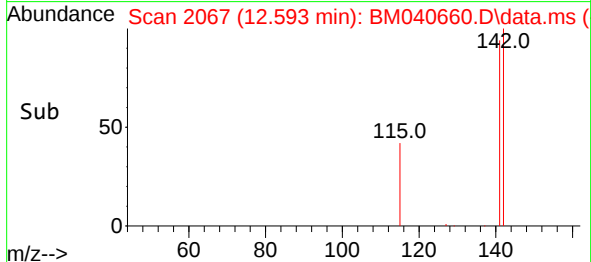
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:142 Resp: 5210
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5

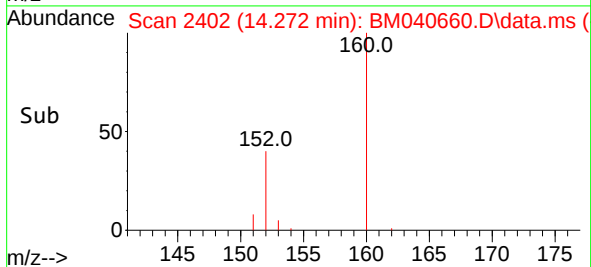
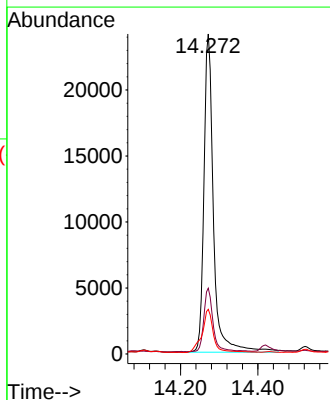
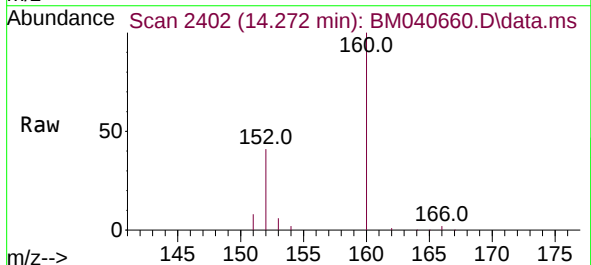
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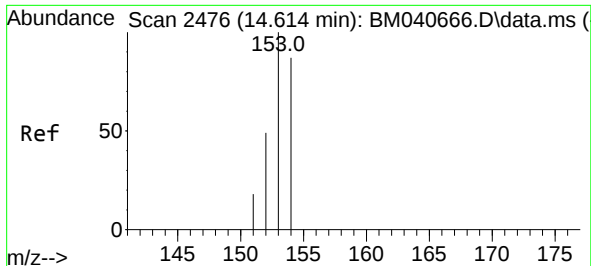
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.635 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

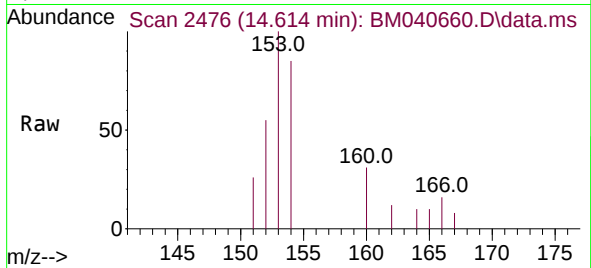
Tgt Ion:152 Resp: 41356
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.614 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

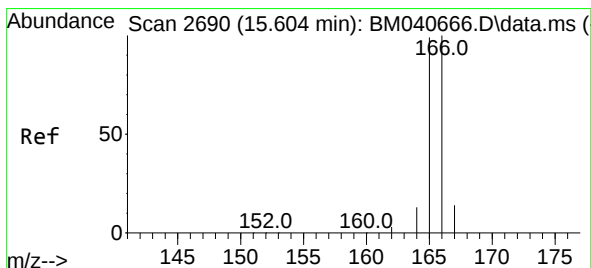
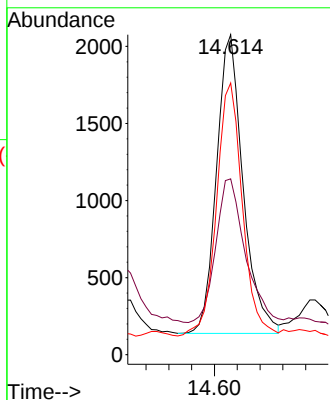
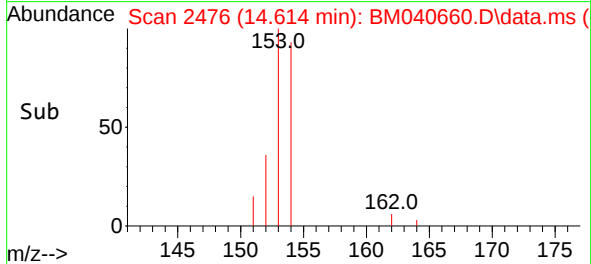
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:153 Resp: 3132
Ion Ratio Lower Upper
153 100
152 55.0 41.0 61.4
154 84.9 70.8 106.2

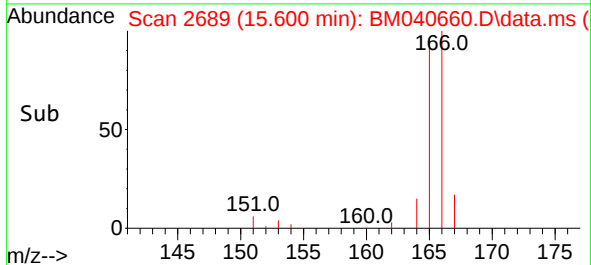
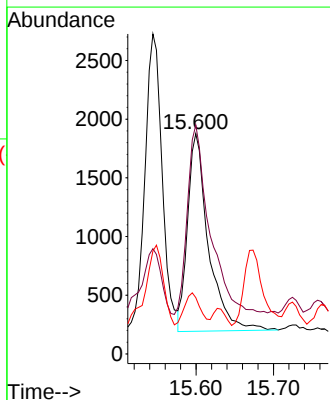
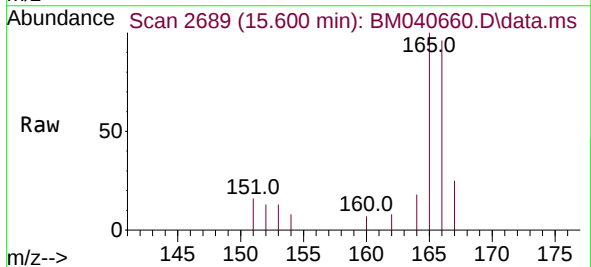
Manual Integrations
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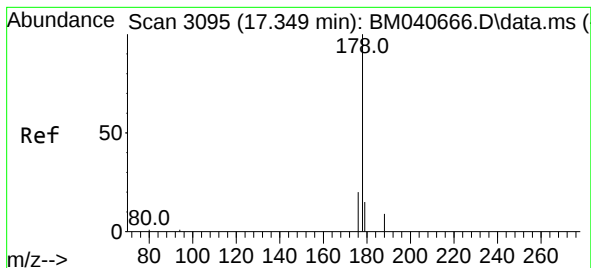
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.054 ng/ul
RT: 15.600 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

Tgt Ion:166 Resp: 3154
Ion Ratio Lower Upper
166 100
165 103.9 79.6 119.4
167 25.6 11.4 17.0#





#15

Phenanthrene

Concen: 0.923 ng/ul

RT: 17.341 min Scan# 3095

Delta R.T. -0.011 min

Lab File: BM040660.D

Acq: 06 Jul 2023 03:51

Instrument :

BNA_M

ClientSampleId :

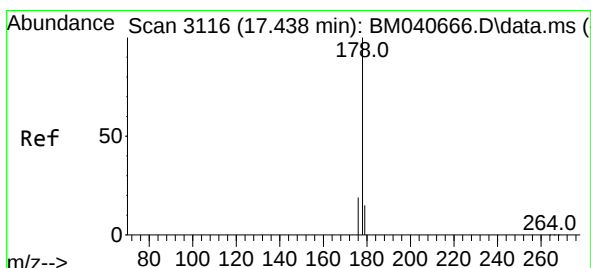
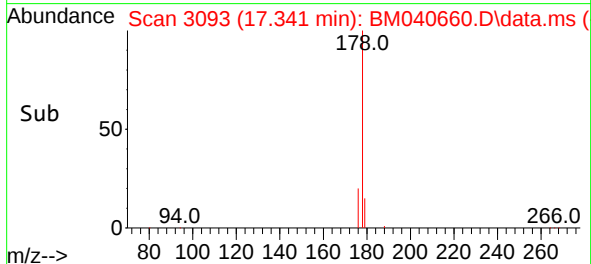
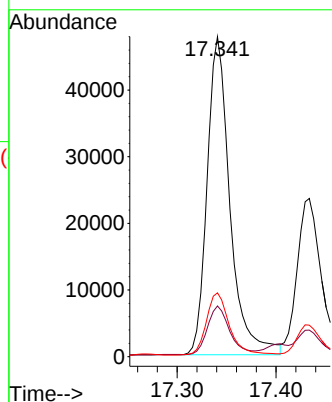
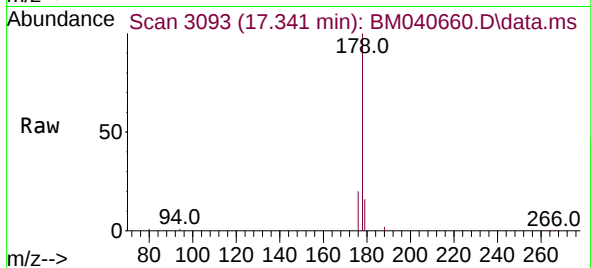
DCGN1

Tgt Ion:178	Resp:	7685
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	20.0	16.4 24.6

Manual Integrations

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



#16

Anthracene

Concen: 0.598 ng/ul

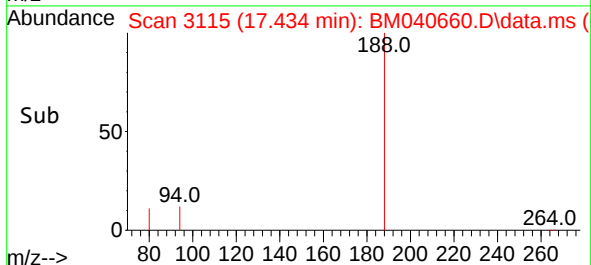
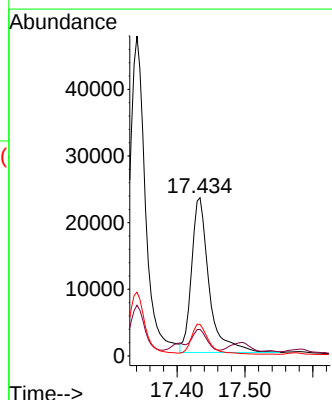
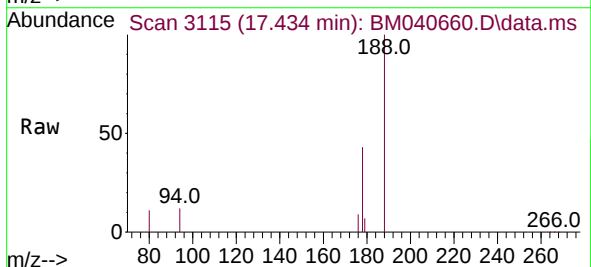
RT: 17.434 min Scan# 3115

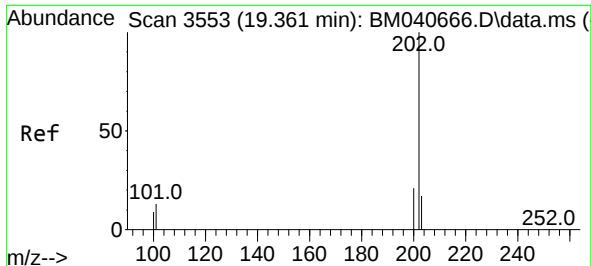
Delta R.T. -0.011 min

Lab File: BM040660.D

Acq: 06 Jul 2023 03:51

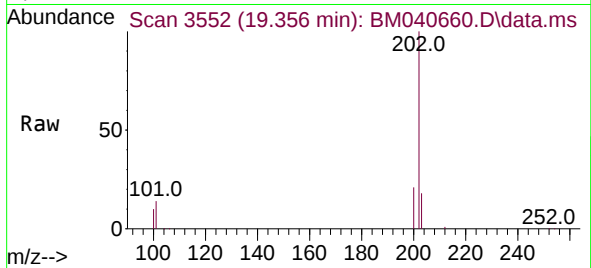
Tgt Ion:178	Resp:	41801
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	19.9	15.8 23.6





#19
Fluoranthene
Concen: 2.956 ng/ul
RT: 19.356 min Scan# 3552
Delta R.T. -0.012 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

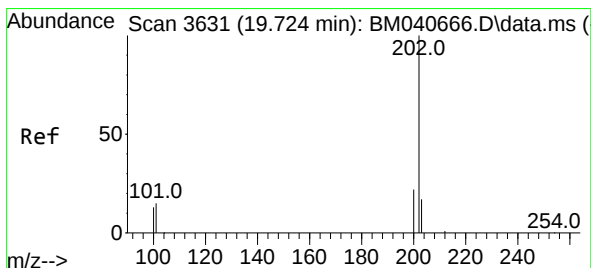
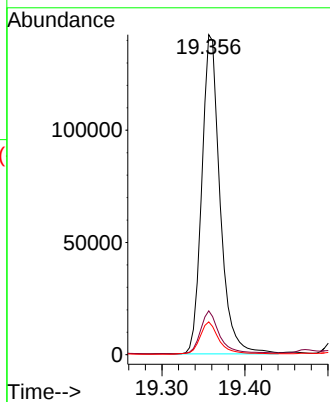
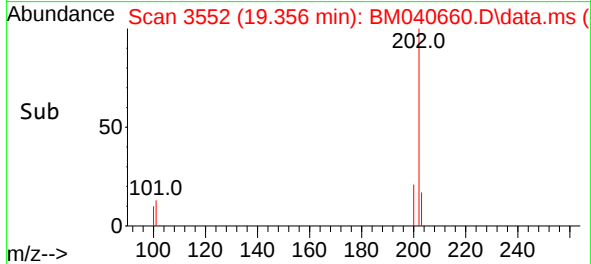
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:202 Resp: 21724
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.2 8.7 13.1

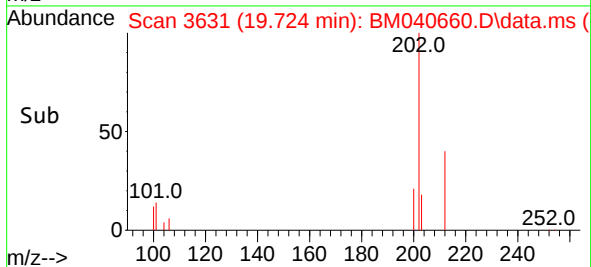
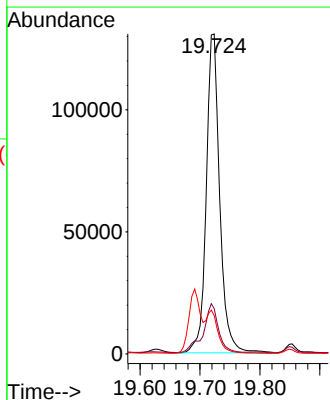
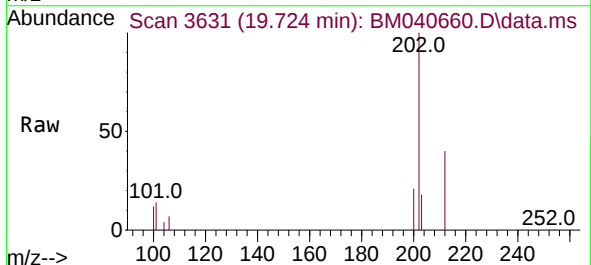
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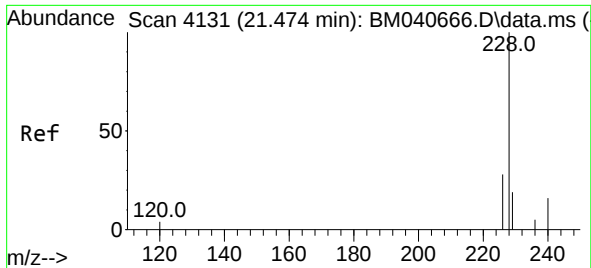
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 2.586 ng/ul
RT: 19.724 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

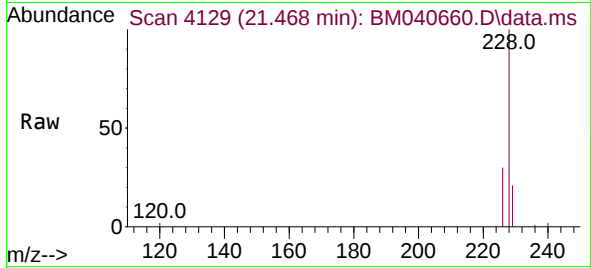
Tgt Ion:202 Resp: 203753
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.067 ng/ul
RT: 21.468 min Scan# 4129
Delta R.T. -0.010 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

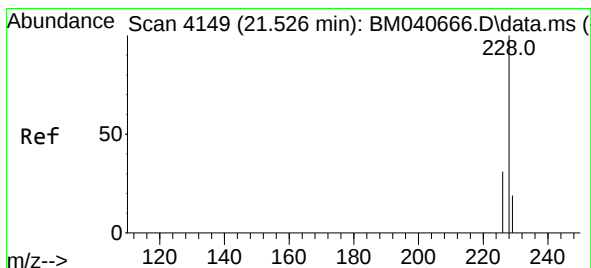
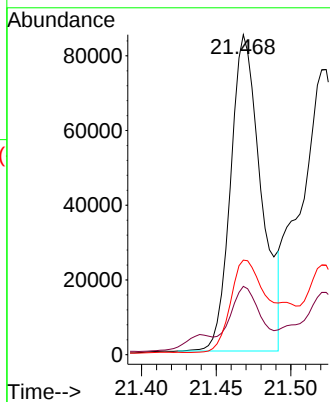
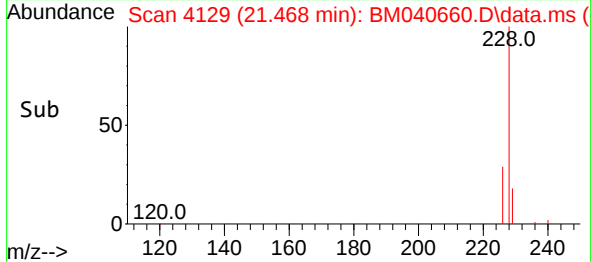
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:228 Resp: 120964
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.6 22.3 33.5

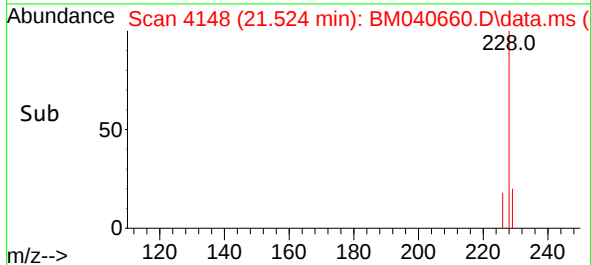
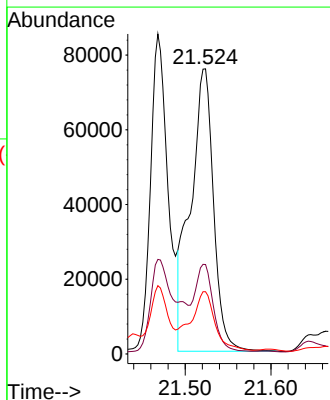
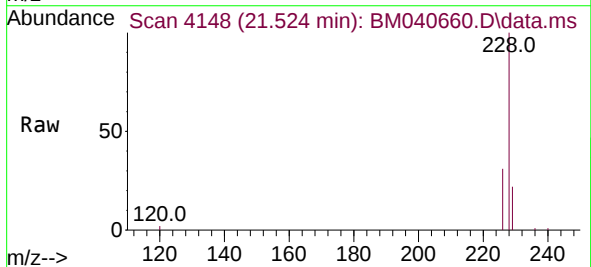
Manual Integrations
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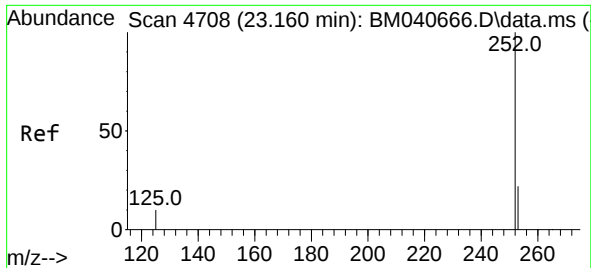
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 2.115 ng/ul
RT: 21.524 min Scan# 4148
Delta R.T. -0.007 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

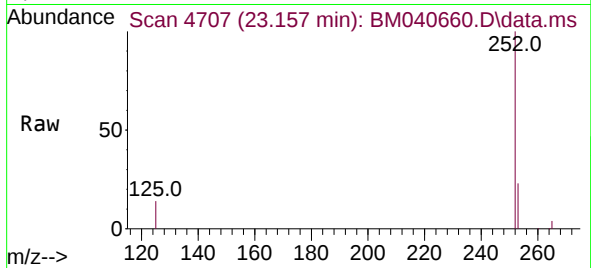
Tgt Ion:228 Resp: 141216
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.288 ng/ul
RT: 23.157 min Scan# 4707
Delta R.T. -0.010 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

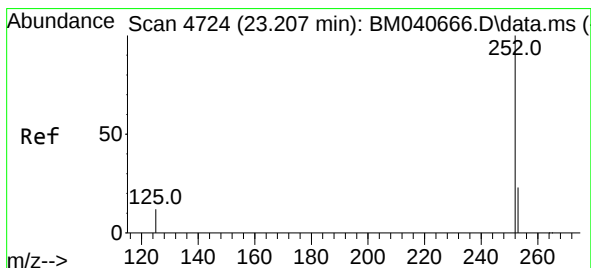
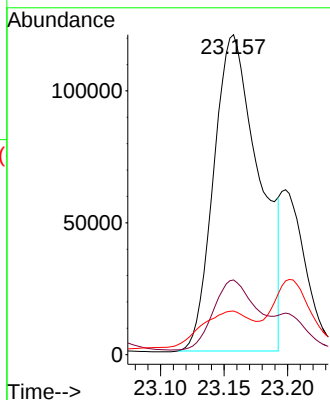
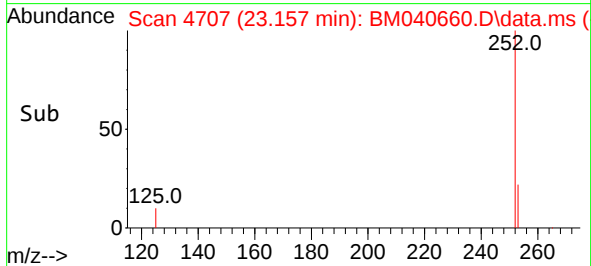
Instrument :
BNA_M
ClientSampleId :
DCGN1



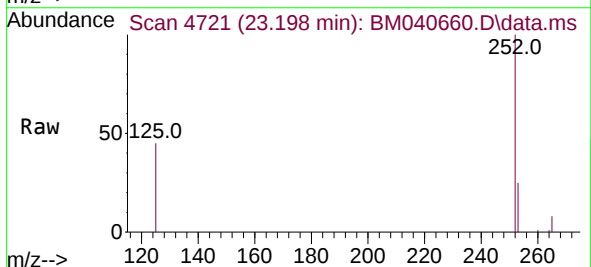
Tgt Ion:252 Resp: 298760
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.8
125 13.7 0.0 43.0

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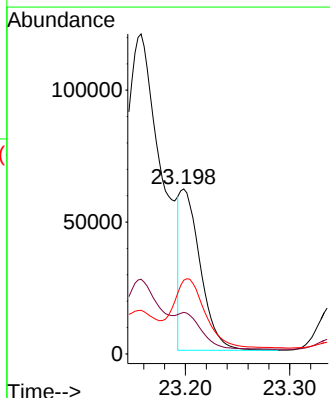
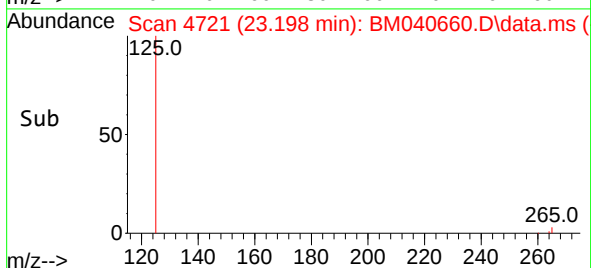
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

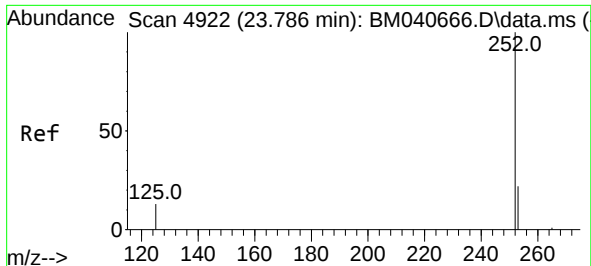


#25
Benzo(k)fluoranthene
Concen: 1.212 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51



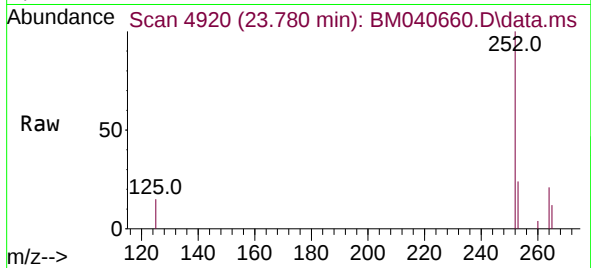
Tgt Ion:252 Resp: 83200
Ion Ratio Lower Upper
252 100
253 25.2 21.2 31.8
125 44.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.279 ng/ul
RT: 23.780 min Scan# 4922
Delta R.T. -0.013 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

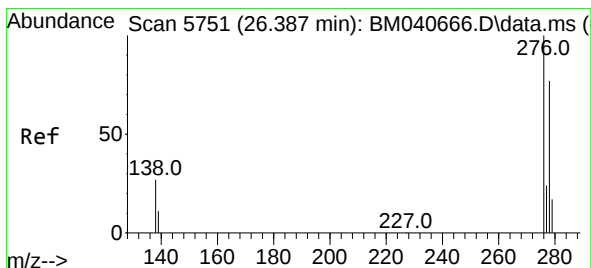
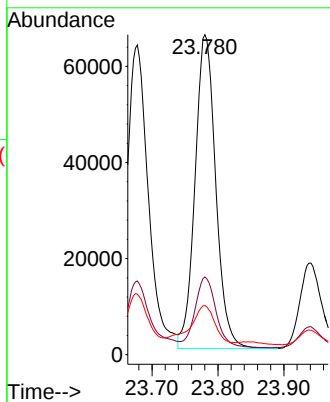
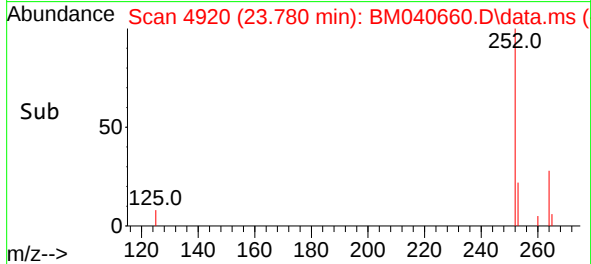
Instrument :
BNA_M
ClientSampleId :
DCGN1



Tgt Ion:252 Resp: 143072
Ion Ratio Lower Upper
252 100
253 24.3 22.9 34.3
125 15.4 21.0 31.4

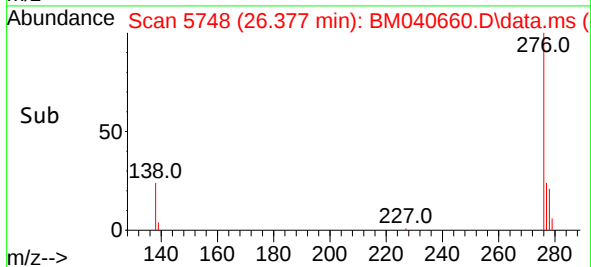
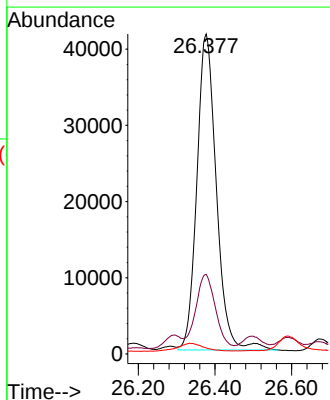
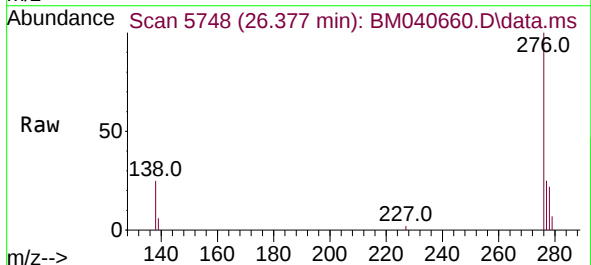
Manual Integrations
APPROVED

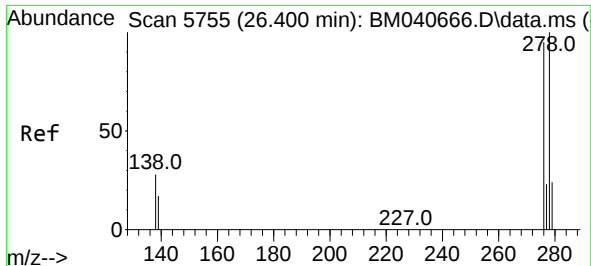
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.680 ng/ul
RT: 26.377 min Scan# 5748
Delta R.T. -0.012 min
Lab File: BM040660.D
Acq: 06 Jul 2023 03:51

Tgt Ion:276 Resp: 146880
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.521 ng/ul

RT: 26.384 min Scan# 5755

Delta R.T. -0.025 min

Lab File: BM040660.D

Acq: 06 Jul 2023 03:51

Instrument :

BNA_M

ClientSampleId :

DCGN1

Tgt Ion:278 Resp: 35658

Ion Ratio Lower Upper

278 100

139 25.0 17.9 26.9

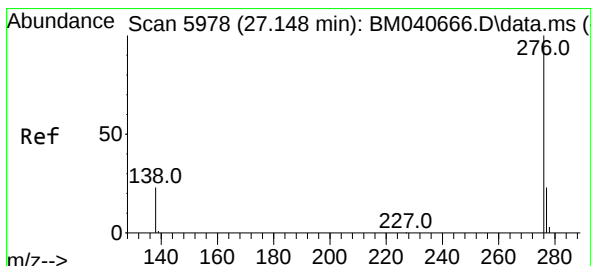
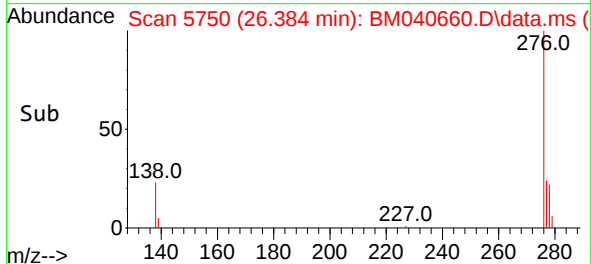
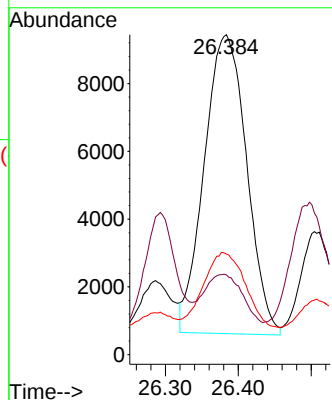
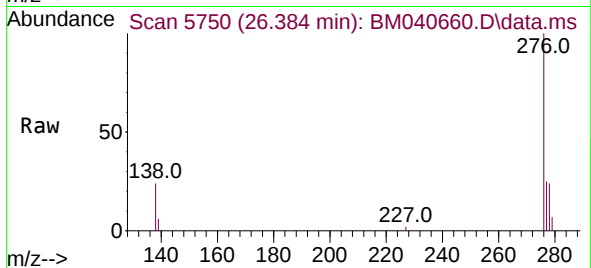
279 31.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#29

Benzo(g,h,i)perylene

Concen: 1.539 ng/ul

RT: 27.148 min Scan# 5978

Delta R.T. -0.015 min

Lab File: BM040660.D

Acq: 06 Jul 2023 03:51

Tgt Ion:276 Resp: 117945

Ion Ratio Lower Upper

276 100

138 25.6 23.0 34.6

277 24.6 20.3 30.5

