

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040662.D
 Acq On : 06 Jul 2023 05:06
 Operator : MA/JU
 Sample : 03248-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN2

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 05:39:44 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	6489	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	24242	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	13374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	27226	0.400	ng/ul	-0.01
17) Chrysene-d12	21.485	240	23196	0.400	ng/ul	-0.01
23) Perylene-d12	23.888	264	21143	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	19811	1.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	5591	0.165	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	11696	0.157	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.761	128	163155	2.440	ng/ul	99
7) 2-Methylnaphthalene	12.373	142	31678	0.807	ng/ul	100
8) 1-Methylnaphthalene	12.593	142	10263	0.262	ng/ul	99
10) Acenaphthylene	14.272	152	186066	3.114	ng/ul	99
11) Acenaphthene	14.614	153	11047	0.219	ng/ul	97
12) Fluorene	15.599	166	15569	0.289	ng/ul#	98
15) Phenanthrene	17.341	178	367981	4.351	ng/ul	99
16) Anthracene	17.433	178	129810	1.827	ng/ul	99
19) Fluoranthene	19.356	202	1104517	11.210	ng/ul	96
20) Pyrene	19.723	202	873547	8.269	ng/ul	96
21) Benzo(a)anthracene	21.468	228	658250	8.390	ng/ul	97
22) Chrysene	21.520	228	526407	5.882	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	1058021	12.931	ng/ul	87
25) Benzo(k)fluoranthene	23.198	252	285238m	3.537	ng/ul	
26) Benzo(a)pyrene	23.780	252	566923	7.692	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.377	276	487296	4.747	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.383	278	119907	1.492	ng/ul	95
29) Benzo(g,h,i)perylene	27.148	276	377925	4.201	ng/ul	94

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

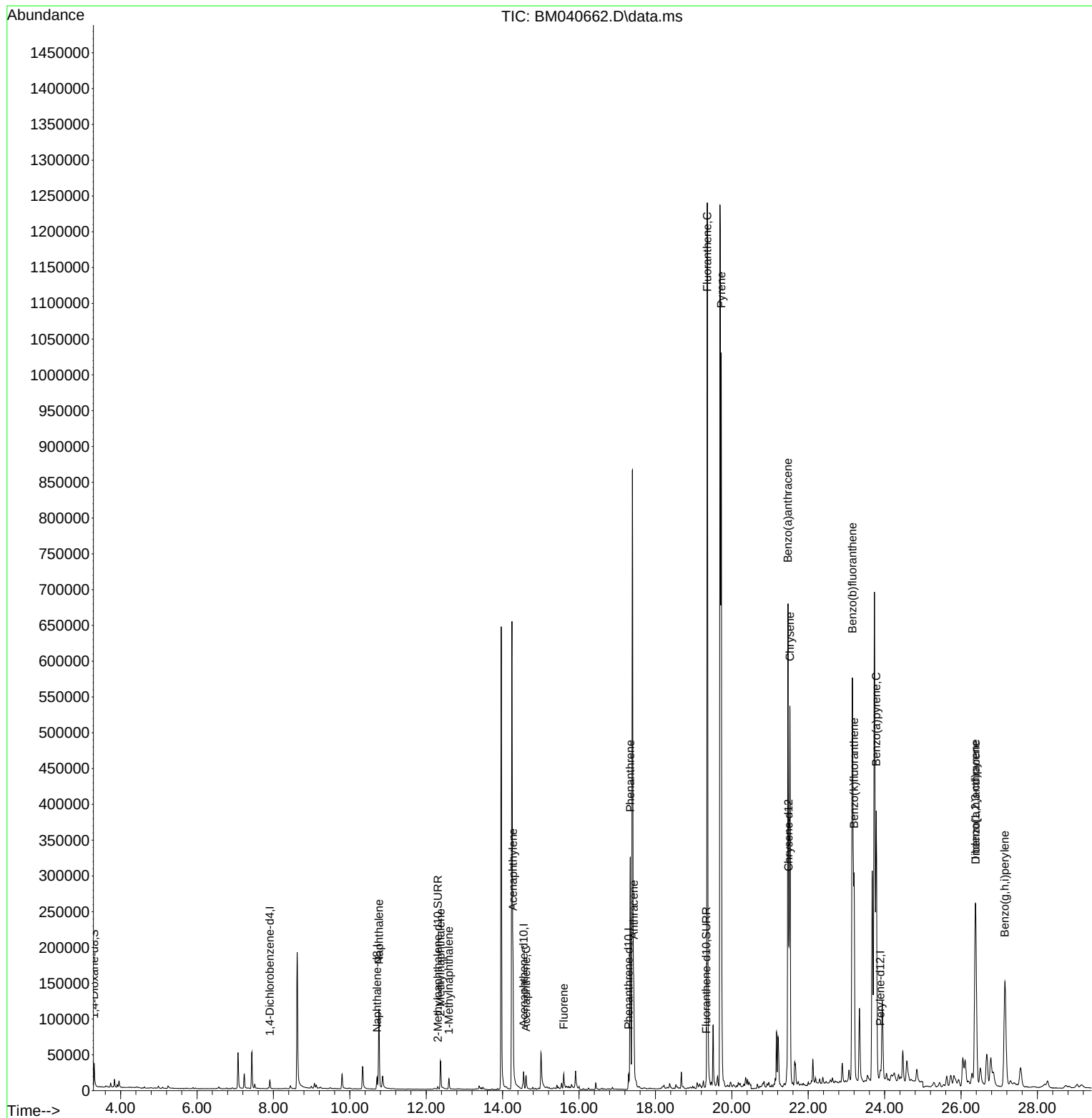
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040662.D
Acq On : 06 Jul 2023 05:06
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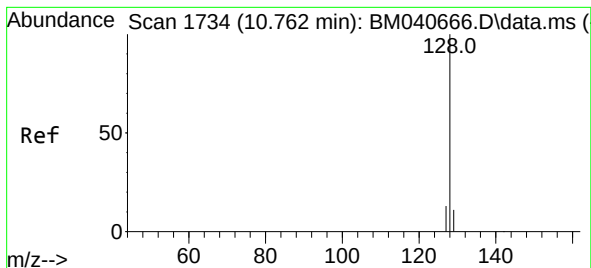
Instrument :
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Quant Time: Jul 06 05:39:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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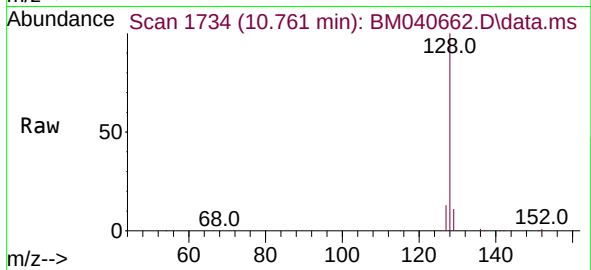
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 2.440 ng/ul
RT: 10.761 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

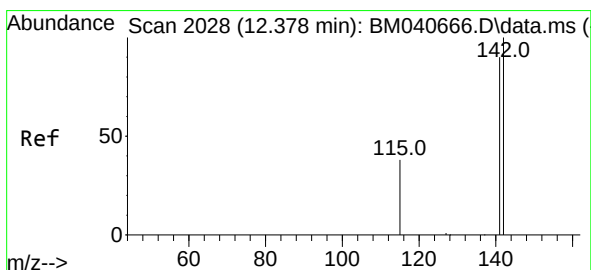
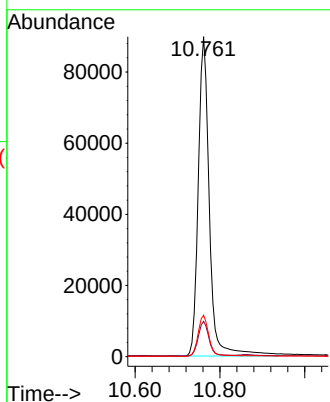
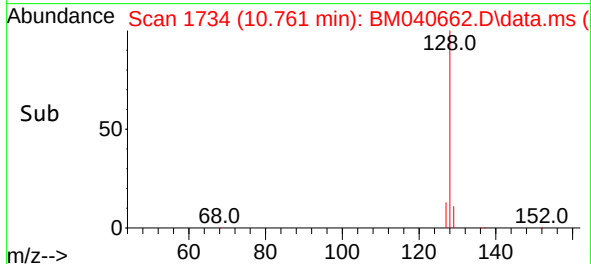
Instrument :
BNA_M
ClientSampleId :
DCGN2



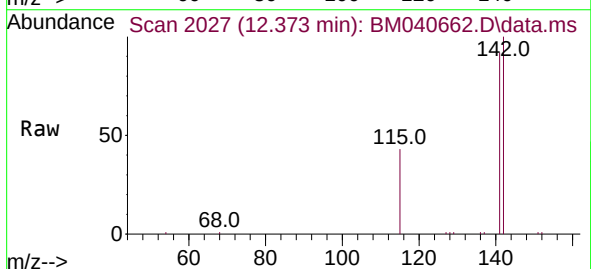
Tgt Ion:128 Resp: 16315
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.6 15.8

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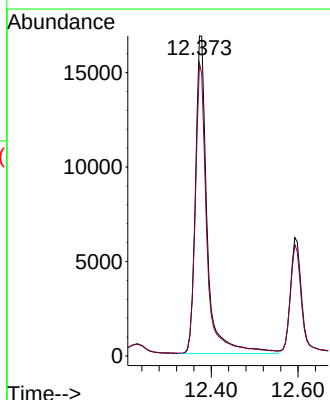
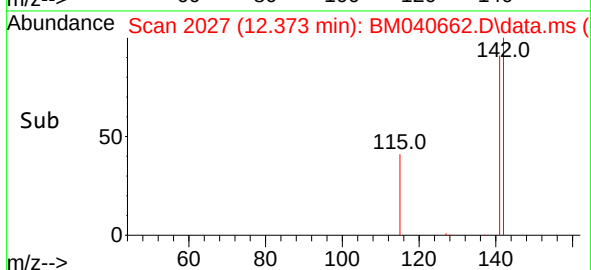
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

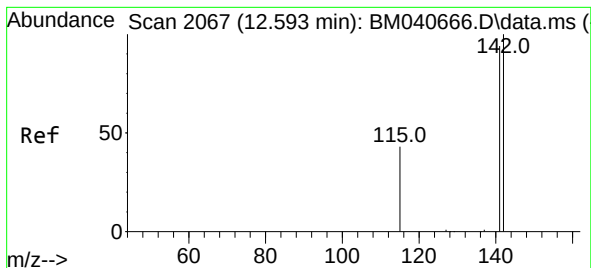


#7
2-Methylnaphthalene
Concen: 0.807 ng/ul
RT: 12.373 min Scan# 2027
Delta R.T. -0.010 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06



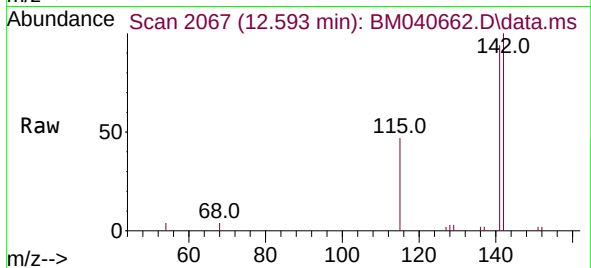
Tgt Ion:142 Resp: 31678
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

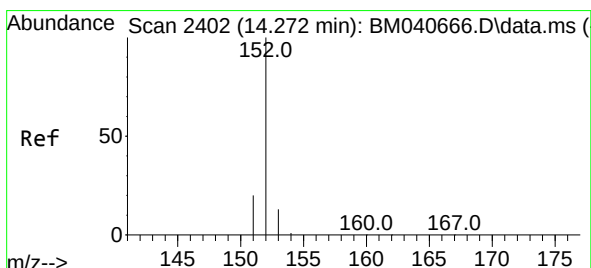
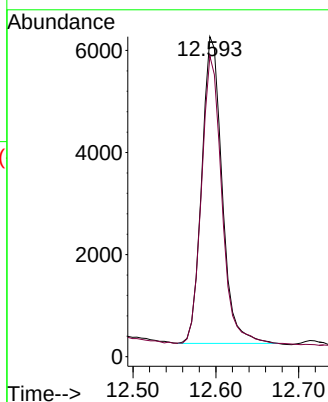
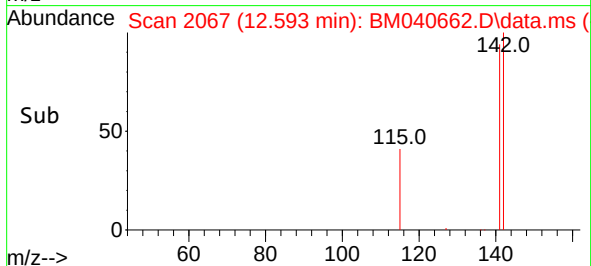
Instrument :
BNA_M
ClientSampleId :
DCGN2



Tgt Ion:142 Resp: 1026
Ion Ratio Lower Upper
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141 93.1 73.7 110.5

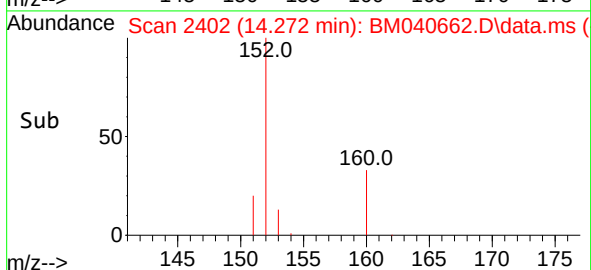
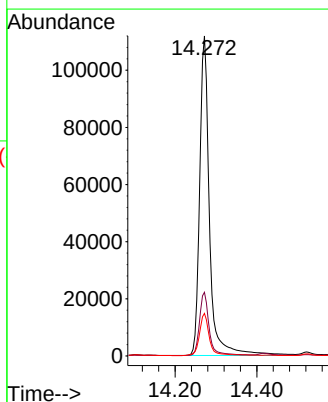
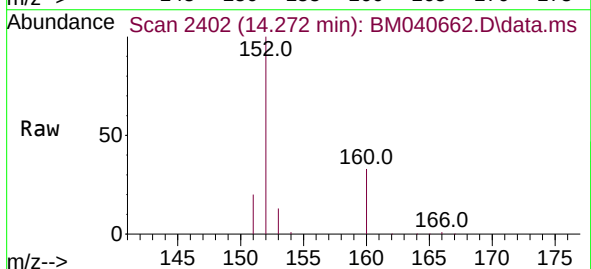
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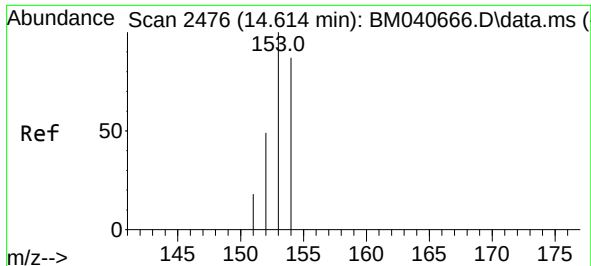
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 3.114 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

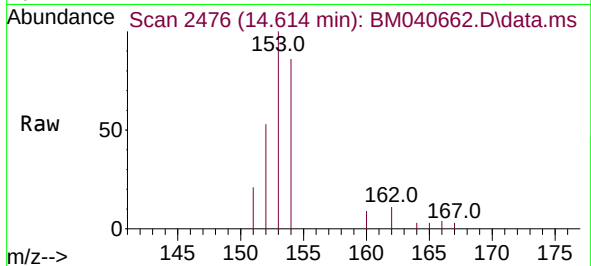
Tgt Ion:152 Resp: 186066
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.614 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

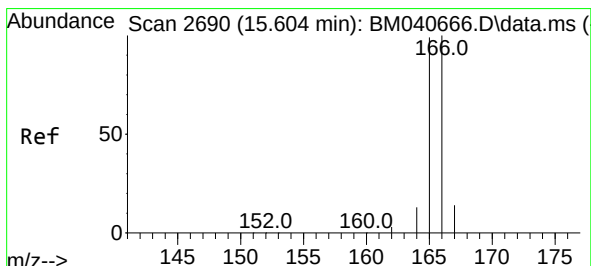
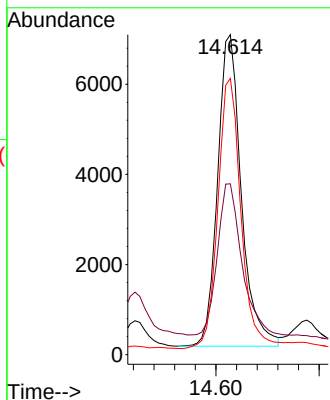
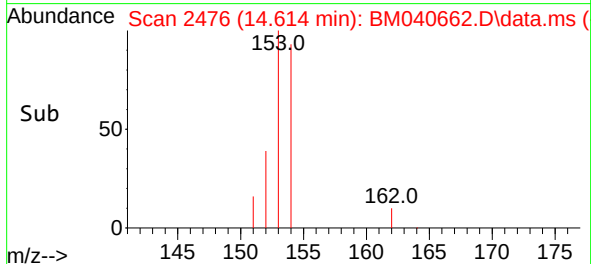
Instrument :
BNA_M
ClientSampleId :
DCGN2



Tgt Ion:153 Resp: 1104
Ion Ratio Lower Upper
153 100
152 53.4 41.0 61.4
154 86.3 70.8 106.2

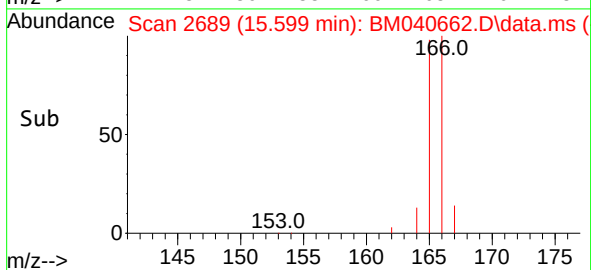
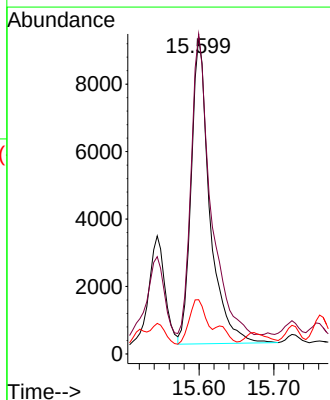
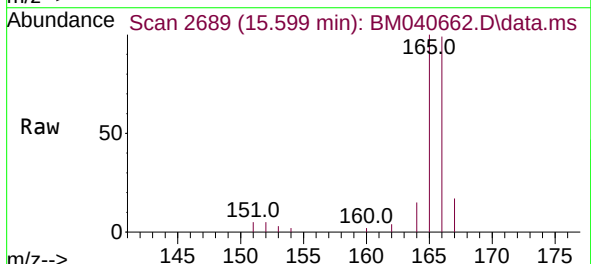
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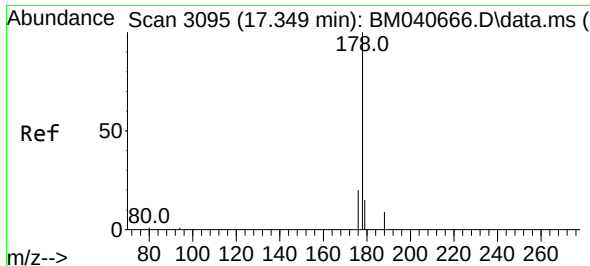
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.599 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

Tgt Ion:166 Resp: 15569
Ion Ratio Lower Upper
166 100
165 101.0 79.6 119.4
167 17.1 11.4 17.0#





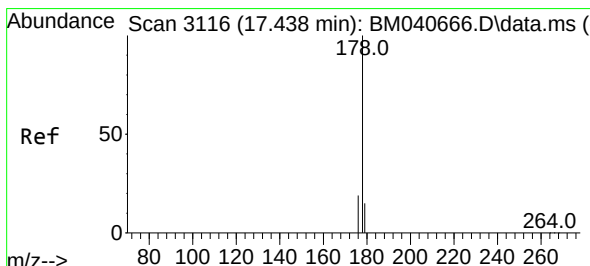
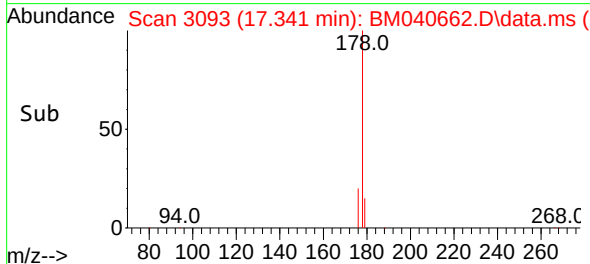
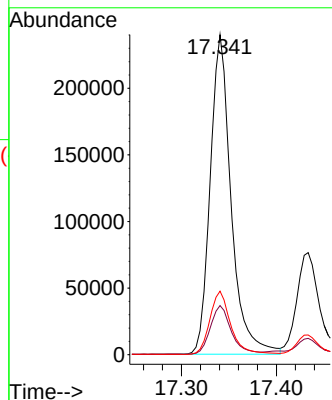
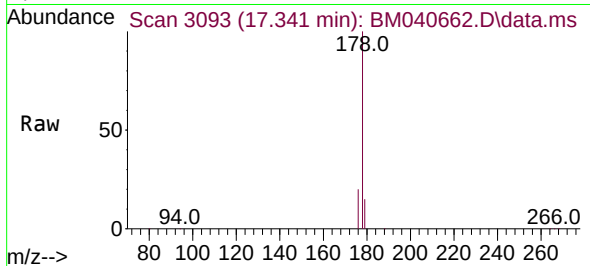
#15
Phenanthrene
Concen: 4.351 ng/ul
RT: 17.341 min Scan# 3095
Delta R.T. -0.011 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

Instrument :
BNA_M
ClientSampleId :
DCGN2

Tgt Ion:178 Resp: 36798
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.9 16.4 24.6

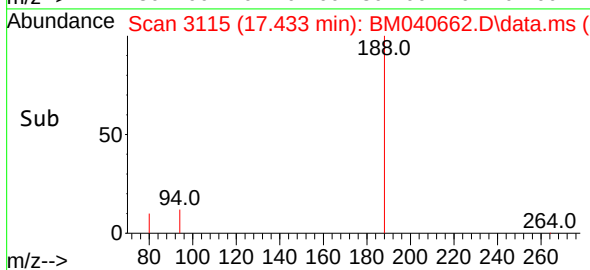
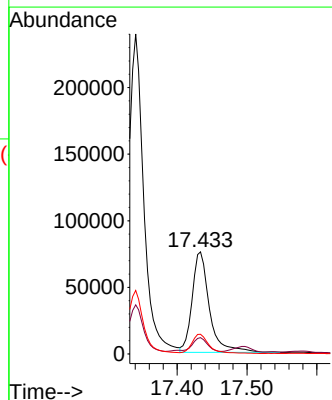
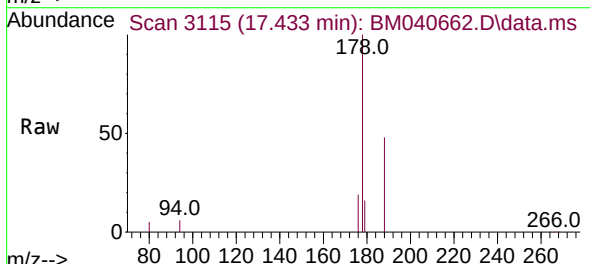
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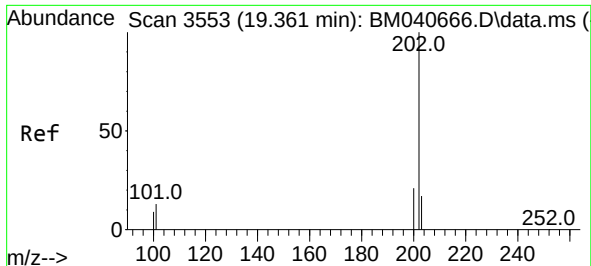
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 1.827 ng/ul
RT: 17.433 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

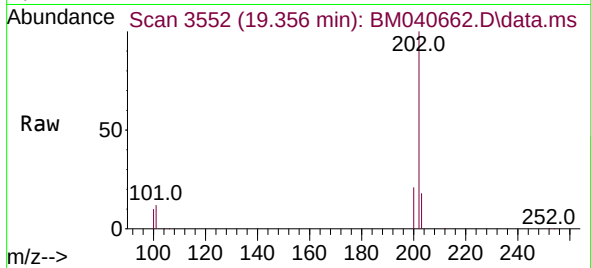
Tgt Ion:178 Resp: 129810
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 11.210 ng/uI
RT: 19.356 min Scan# 3552
Delta R.T. -0.013 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

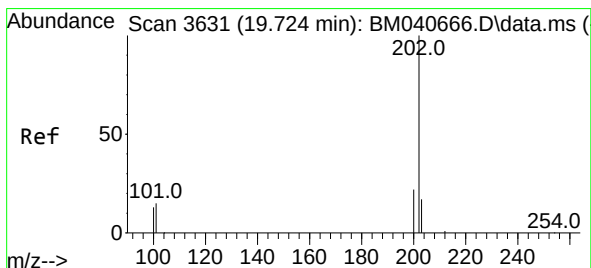
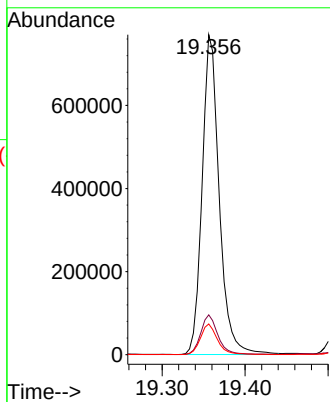
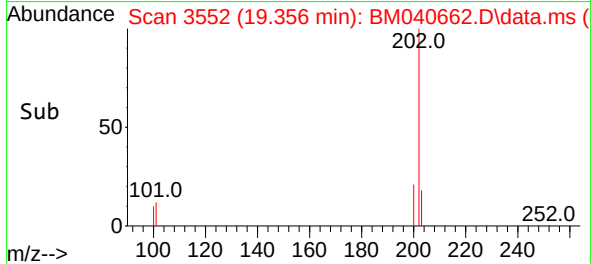
Instrument :
BNA_M
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DCGN2



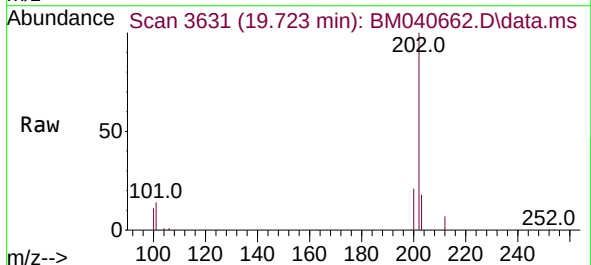
Tgt Ion:202 Resp: 110451
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.6 8.7 13.1

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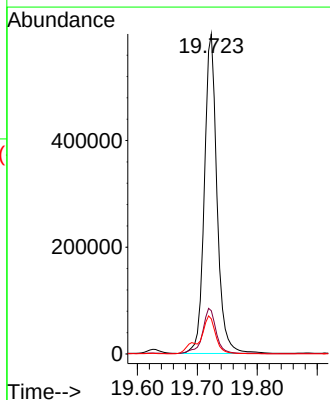
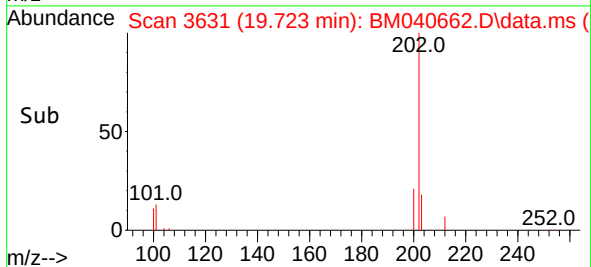
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

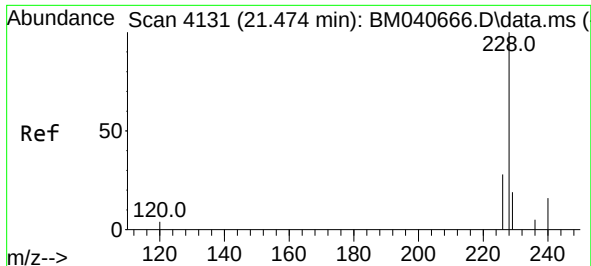


#20
Pyrene
Concen: 8.269 ng/uI
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06



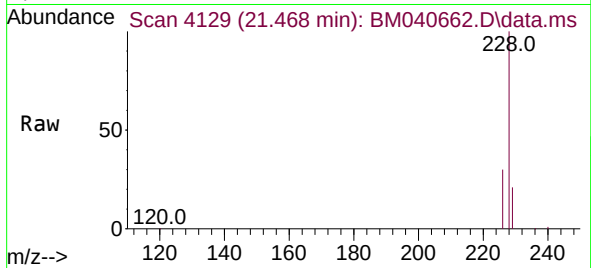
Tgt Ion:202 Resp: 873547
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 8.390 ng/u1
RT: 21.468 min Scan# 4129
Delta R.T. -0.010 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

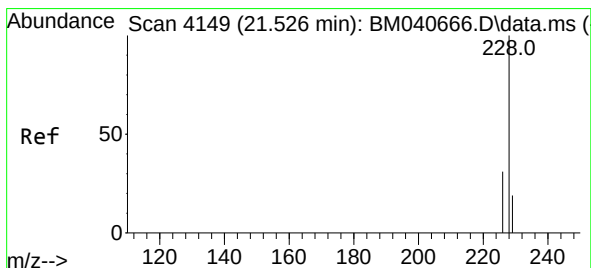
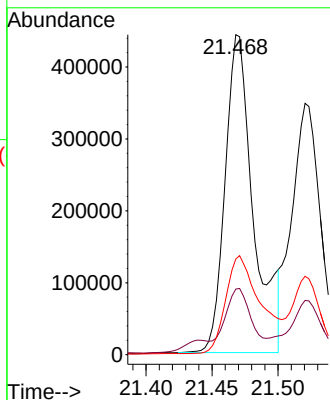
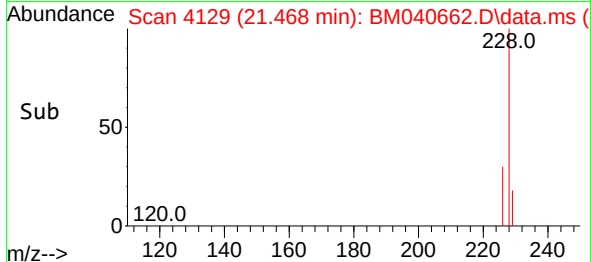
Instrument :
BNA_M
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DCGN2



Tgt Ion:228 Resp: 658250
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 29.9 22.3 33.5

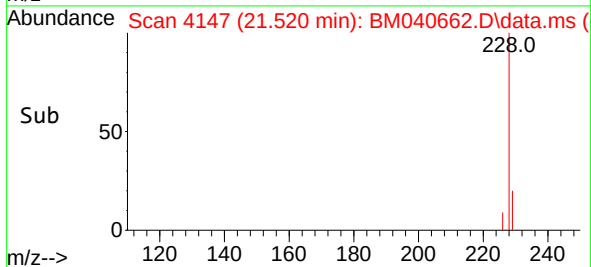
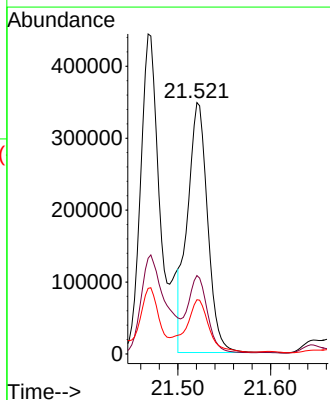
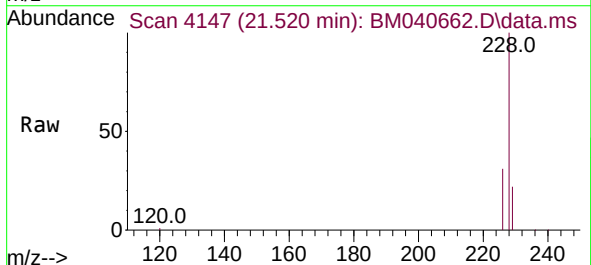
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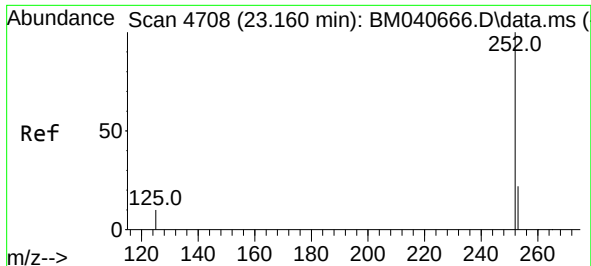
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 5.882 ng/u1
RT: 21.520 min Scan# 4147
Delta R.T. -0.010 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

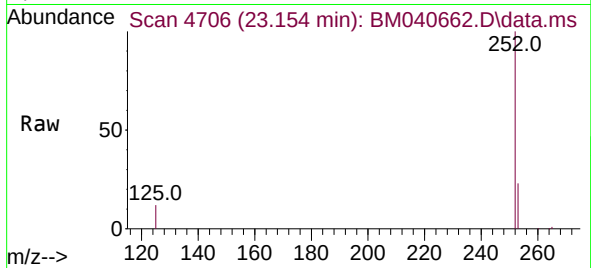
Tgt Ion:228 Resp: 526407
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 12.931 ng/ul
RT: 23.154 min Scan# 4706
Delta R.T. -0.013 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

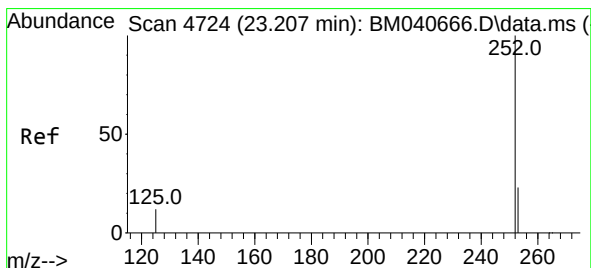
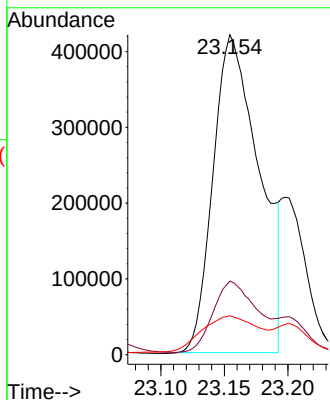
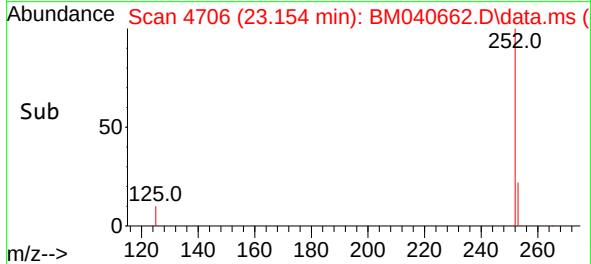
Instrument :
BNA_M
ClientSampleId :
DCGN2



Tgt Ion:252 Resp: 105802
Ion Ratio Lower Upper
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253 23.0 0.0 52.8
125 12.1 0.0 43.0

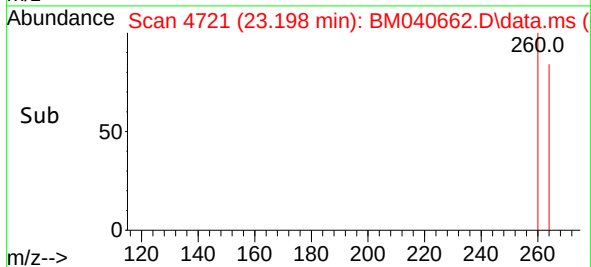
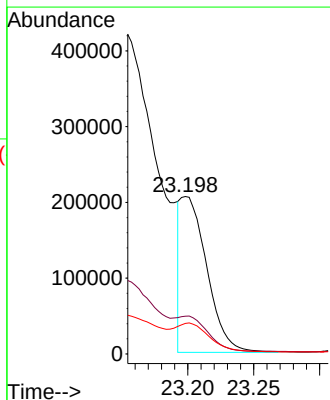
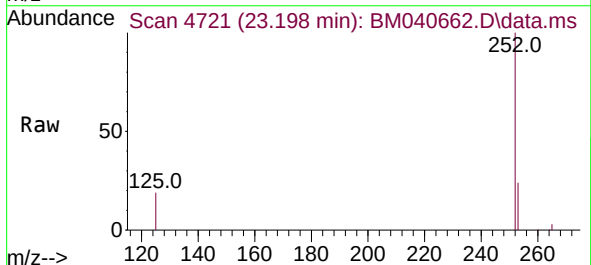
Manual Integrations
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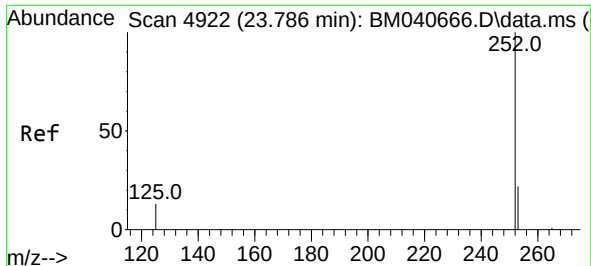
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 3.537 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

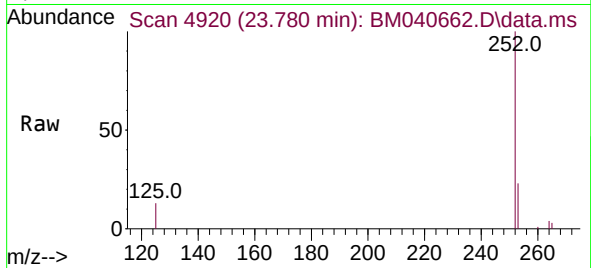
Tgt Ion:252 Resp: 285238
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 19.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 7.692 ng/ul
RT: 23.780 min Scan# 4922
Delta R.T. -0.013 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

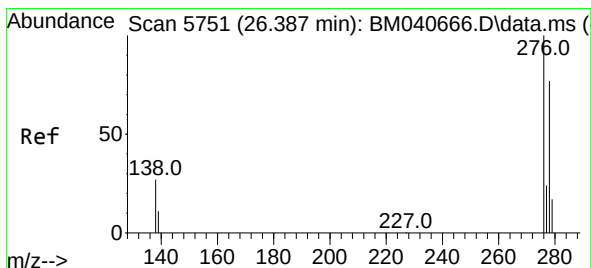
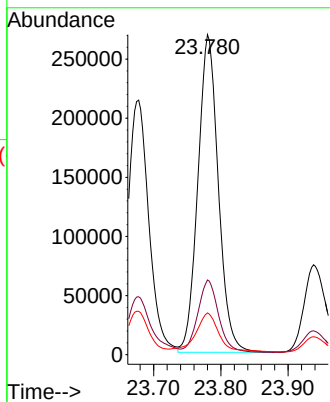
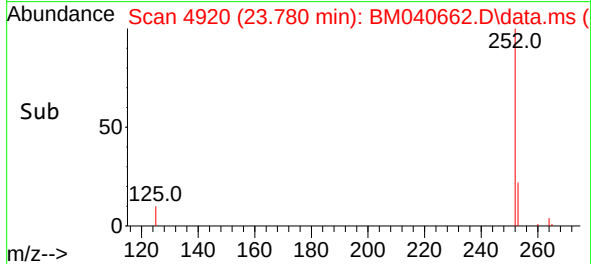
Instrument :
BNA_M
ClientSampleId :
DCGN2



Tgt Ion:252 Resp: 566923
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 13.1 21.0 31.4

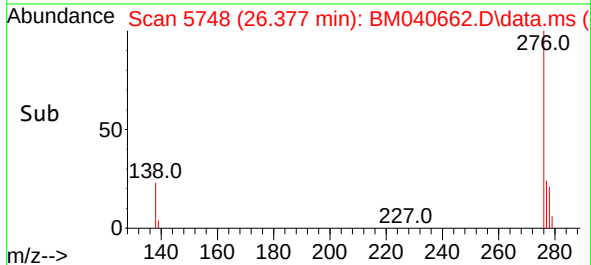
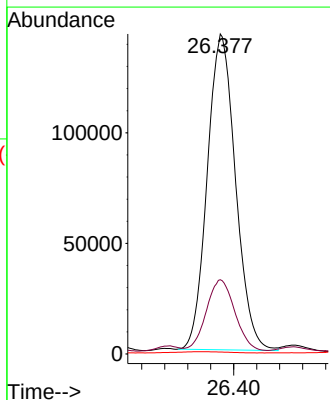
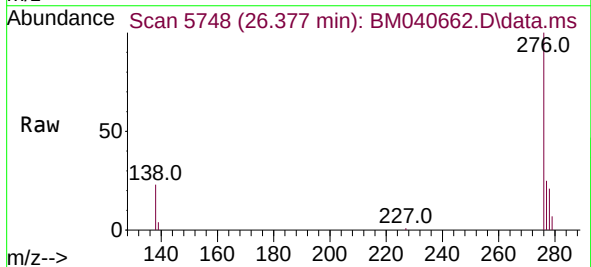
Manual Integrations
APPROVED

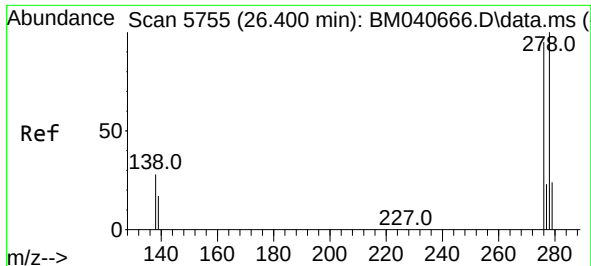
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.747 ng/ul
RT: 26.377 min Scan# 5748
Delta R.T. -0.012 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

Tgt Ion:276 Resp: 487296
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.1 0.1#





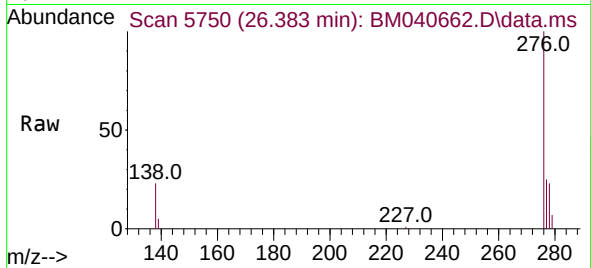
#28
Dibenzo(a,h)anthracene
Concen: 1.492 ng/ul
RT: 26.383 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06

Instrument :

BNA_M

ClientSampleId :

DCGN2

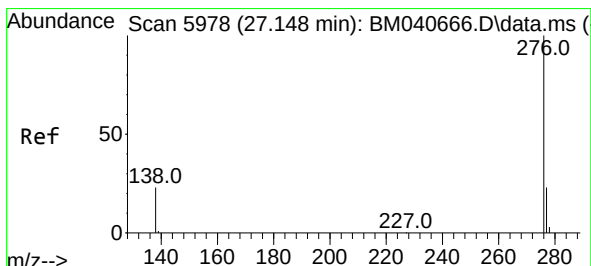
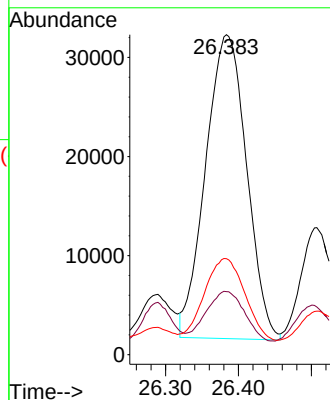
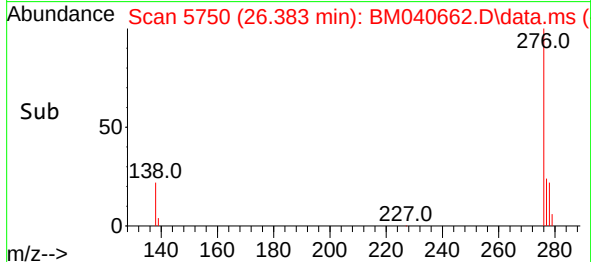


Tgt Ion:278 Resp: 11990
Ion Ratio Lower Upper
278 100
139 19.7 17.9 26.9
279 30.0 22.0 33.0

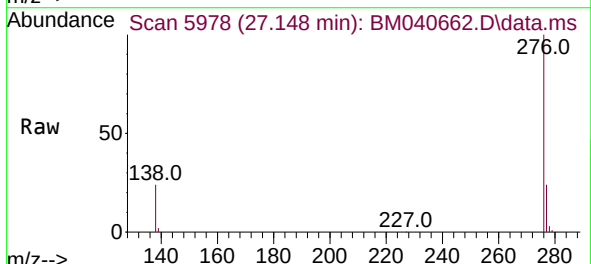
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.201 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.015 min
Lab File: BM040662.D
Acq: 06 Jul 2023 05:06



Tgt Ion:276 Resp: 377925
Ion Ratio Lower Upper
276 100
138 24.0 23.0 34.6
277 23.9 20.3 30.5

