

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040675.D
 Acq On : 06 Jul 2023 13:52
 Operator : MA/JU
 Sample : 03248-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN6

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 15:27:43 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	6055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	23274	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.549	164	12025	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	22581	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	14954	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	16139	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	34024	3.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	8944	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	15108	0.315	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.761	128	8888	0.138	ng/ul#	94
7) 2-Methylnaphthalene	12.373	142	3705	0.098	ng/ul	100
8) 1-Methylnaphthalene	12.593	142	2208	0.059	ng/ul	99
10) Acenaphthylene	14.272	152	7089	0.132	ng/ul#	93
11) Acenaphthene	14.609	153	1781	0.039	ng/ul	95
12) Fluorene	15.599	166	1842	0.038	ng/ul#	94
15) Phenanthrene	17.340	178	43355	0.618	ng/ul	99
16) Anthracene	17.433	178	8291	0.141	ng/ul#	95
19) Fluoranthene	19.356	202	105234	1.657	ng/ul	99
20) Pyrene	19.723	202	96690	1.420	ng/ul	98
21) Benzo(a)anthracene	21.474	228	50764	1.004	ng/ul	96
22) Chrysene	21.526	228	48400	0.839	ng/ul	97
24) Benzo(b)fluoranthene	23.160	252	83652	1.339	ng/ul	96
25) Benzo(k)fluoranthene	23.198	252	25432m	0.413	ng/ul	
26) Benzo(a)pyrene	23.783	252	49299	0.876	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.380	276	42649	0.544	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.390	278	10332	0.168	ng/ul#	71
29) Benzo(g,h,i)perylene	27.155	276	36229	0.528	ng/ul	99

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

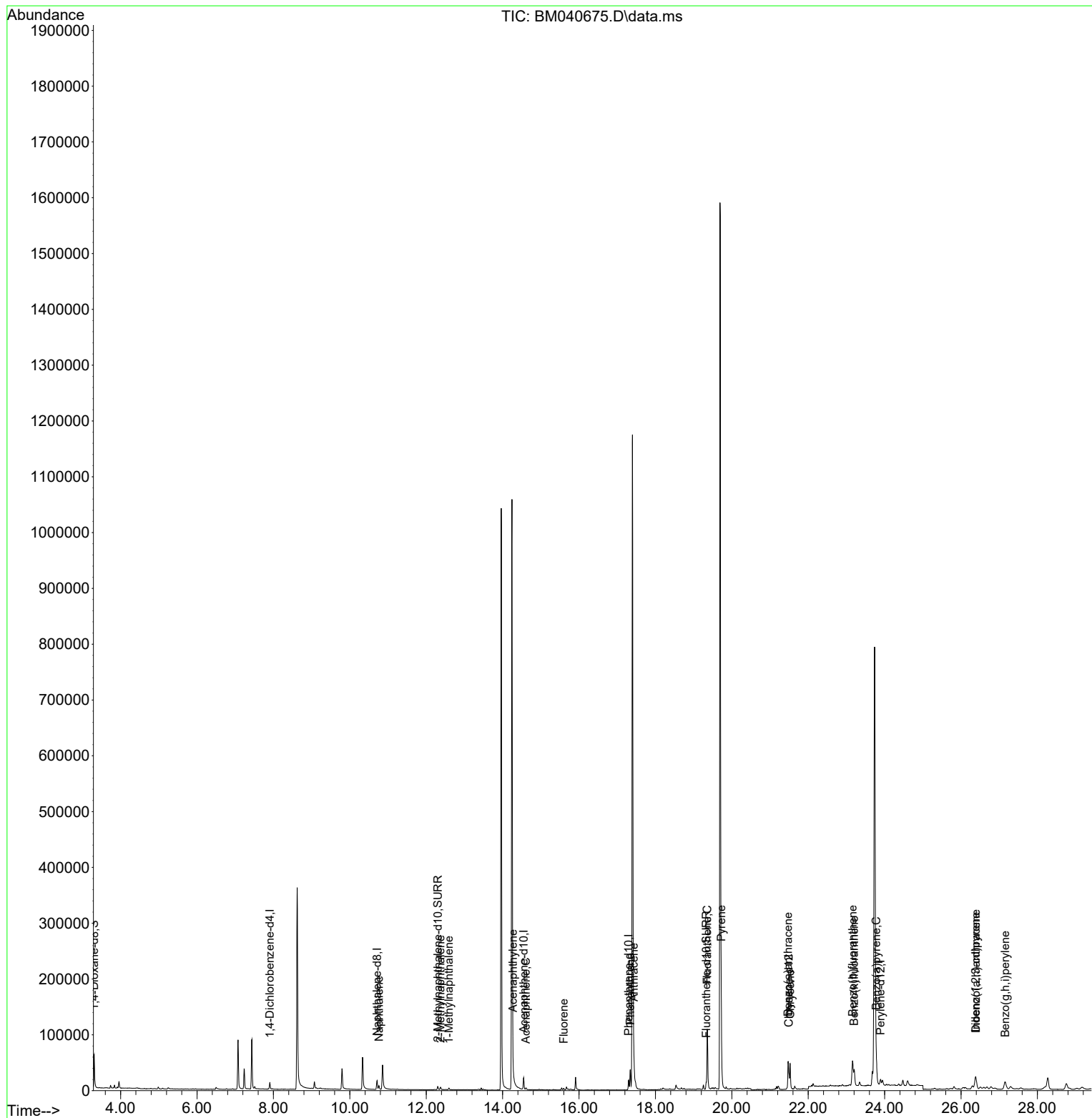
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040675.D
Acq On : 06 Jul 2023 13:52
Operator : MA/JU
Sample : 03248-08
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ALS Vial : 44 Sample Multiplier: 1

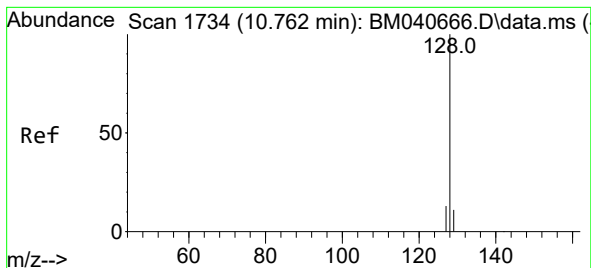
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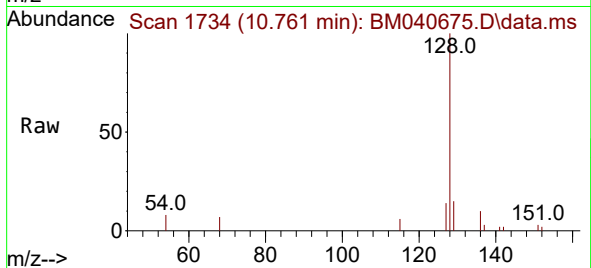
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.761 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

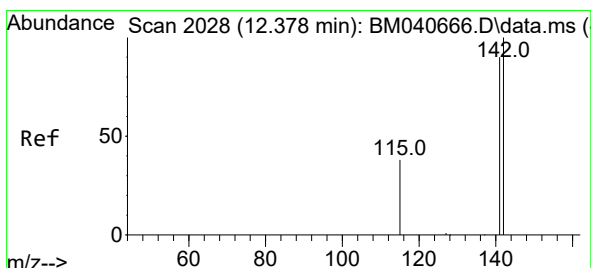
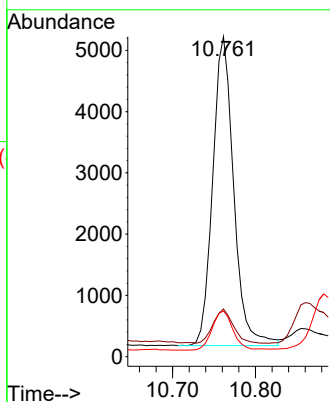
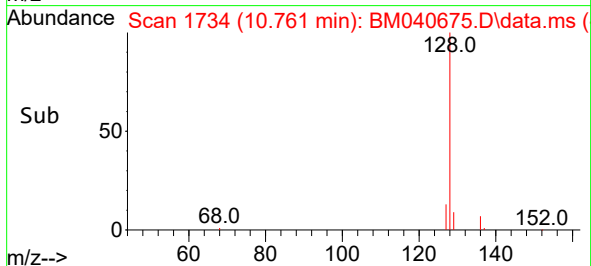
Instrument :
BNA_M
ClientSampleId :
DCGN6



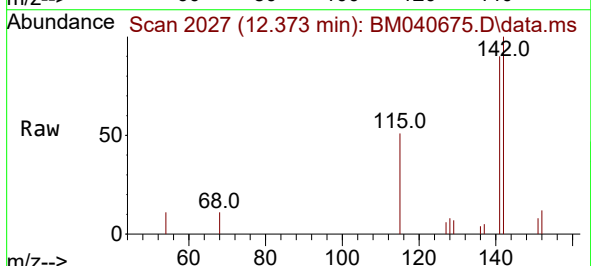
Tgt Ion:128 Resp: 888
Ion Ratio Lower Upper
128 100
129 14.9 9.2 13.8
127 14.3 10.6 15.8

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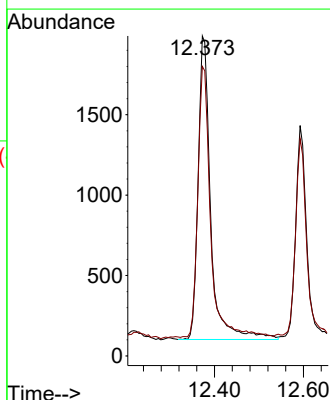
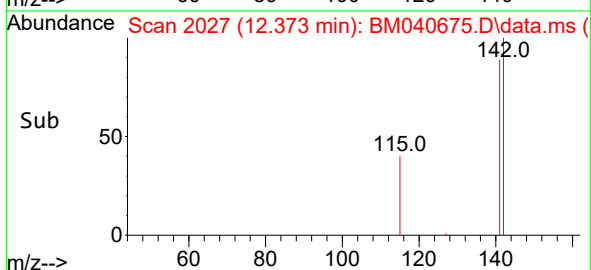
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

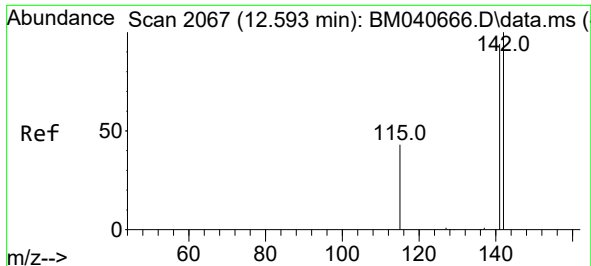


#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.373 min Scan# 2027
Delta R.T. -0.010 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52



Tgt Ion:142 Resp: 3705
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





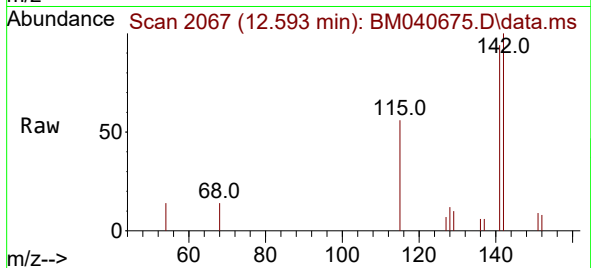
#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

Instrument :

BNA_M

ClientSampleId :

DCGN6

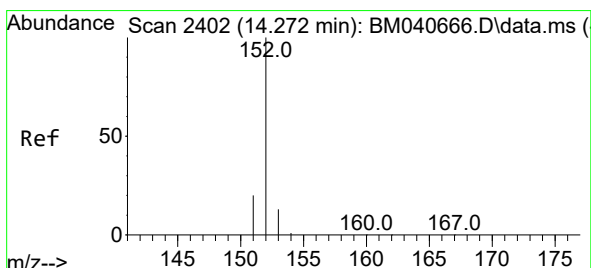
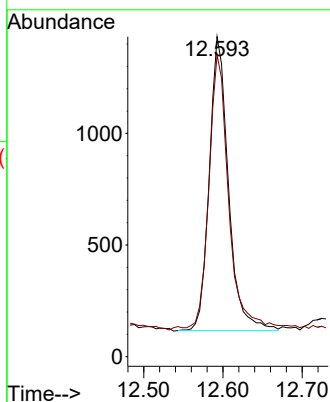
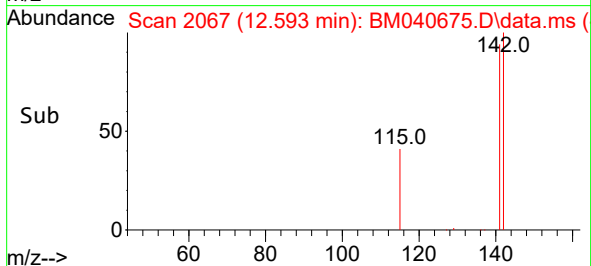


Tgt Ion:142 Resp: 2208
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5

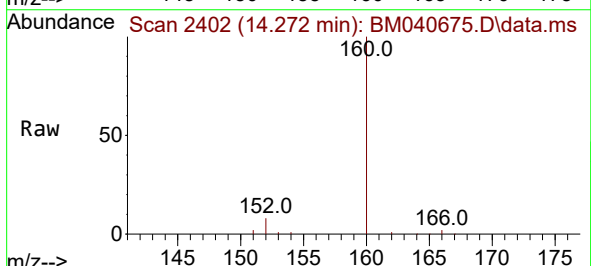
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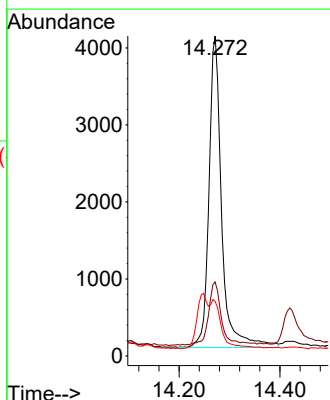
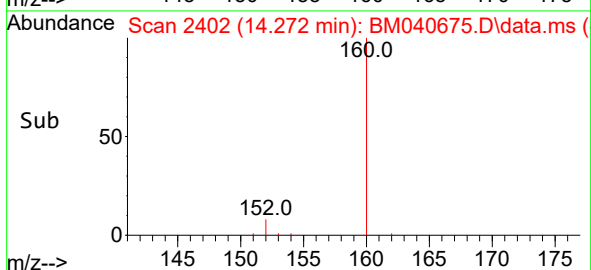
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

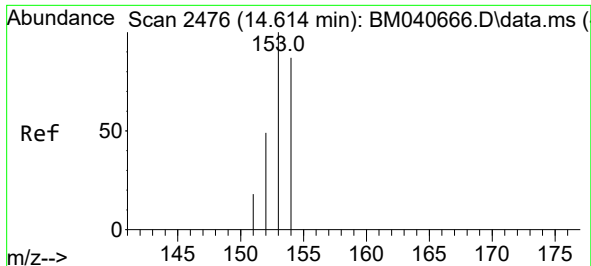


#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52



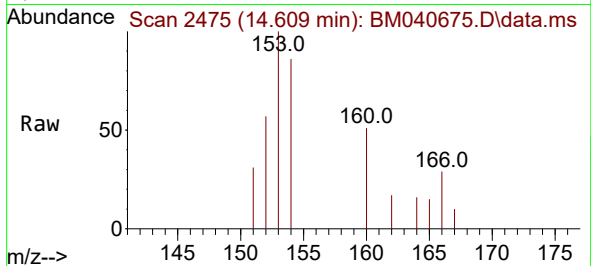
Tgt Ion:152 Resp: 7089
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.2
153 17.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.609 min Scan# 2475
Delta R.T. -0.008 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

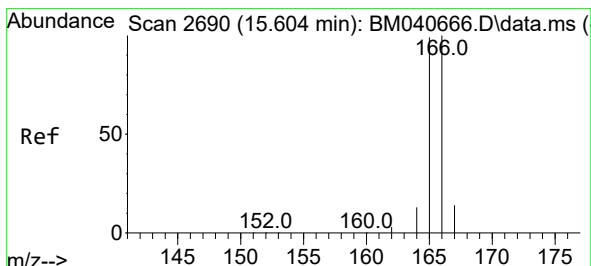
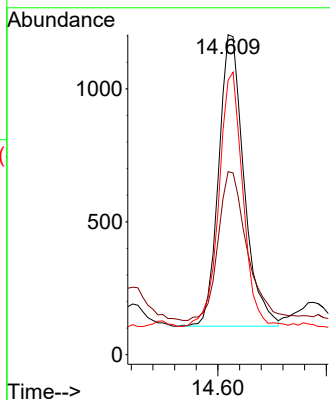
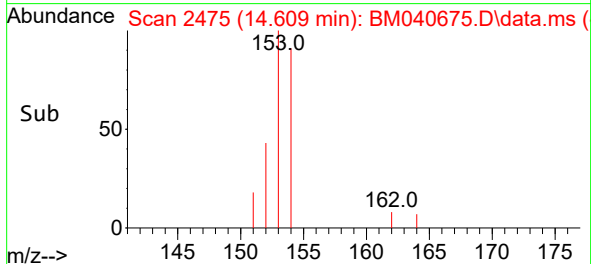
Instrument :
BNA_M
ClientSampleId :
DCGN6



Tgt Ion:153 Resp: 178
Ion Ratio Lower Upper
153 100
152 57.2 41.0 61.4
154 85.8 70.8 106.2

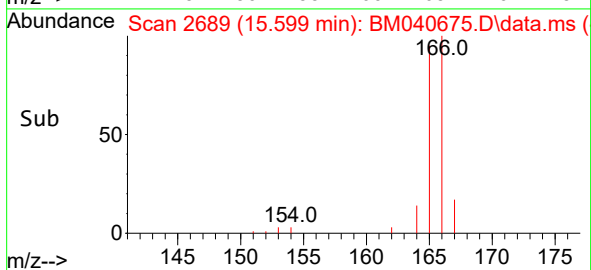
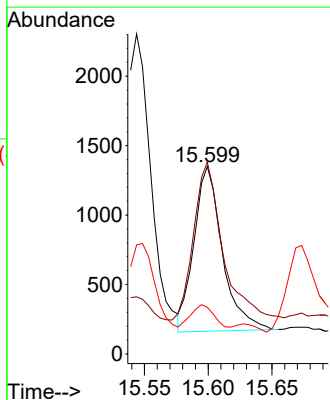
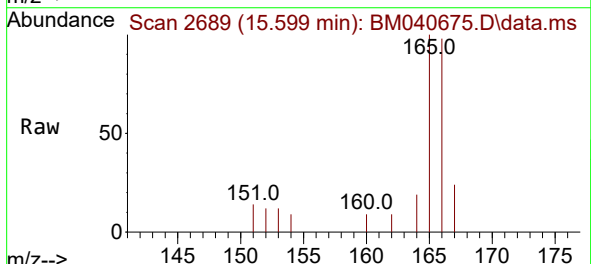
Manual Integrations
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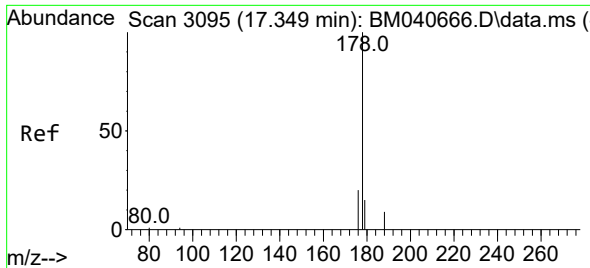
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.599 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

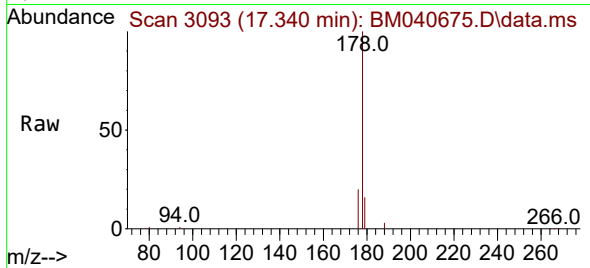
Tgt Ion:166 Resp: 1842
Ion Ratio Lower Upper
166 100
165 102.3 79.6 119.4
167 25.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.618 ng/ul
RT: 17.340 min Scan# 3095
Delta R.T. -0.011 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

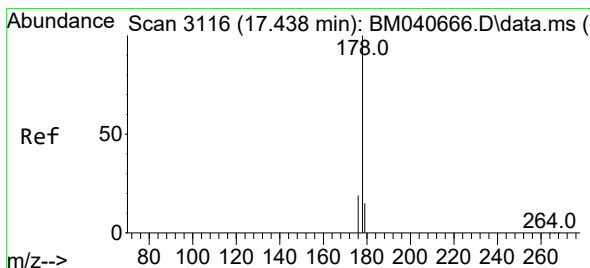
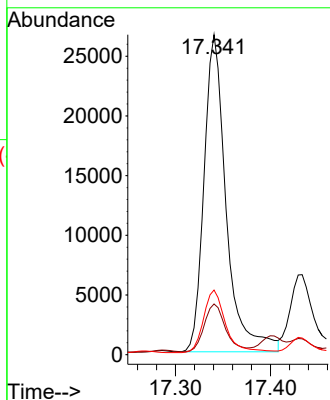
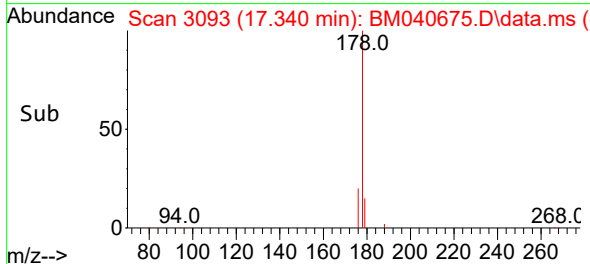
Instrument :
BNA_M
ClientSampleId :
DCGN6



Tgt Ion:178 Resp: 4335
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.2 16.4 24.6

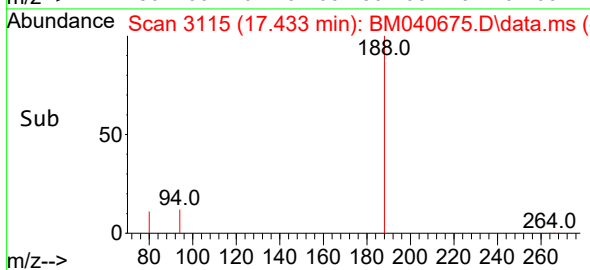
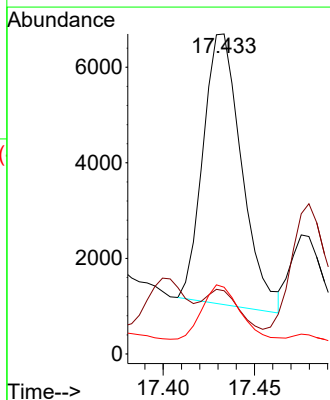
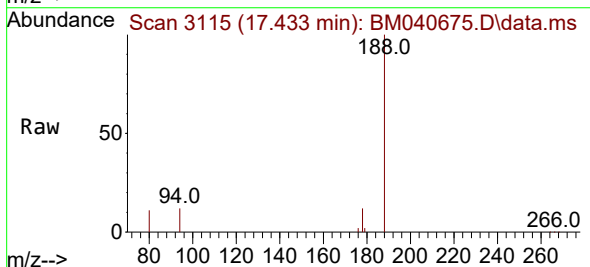
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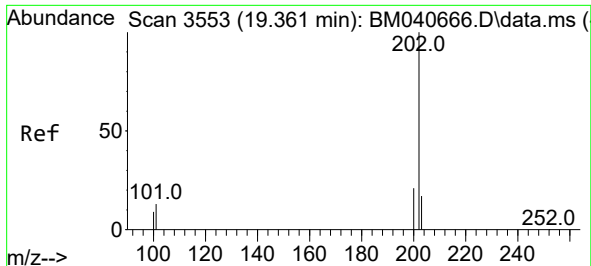
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.141 ng/ul
RT: 17.433 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

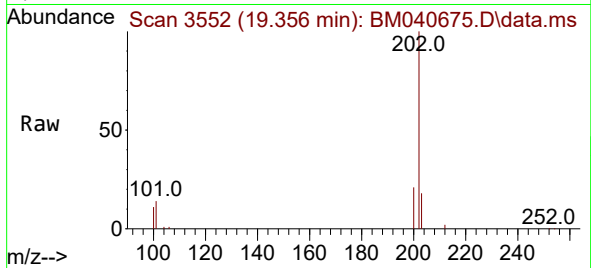
Tgt Ion:178 Resp: 8291
Ion Ratio Lower Upper
178 100
179 19.8 12.9 19.3#
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 1.657 ng/ul
RT: 19.356 min Scan# 3553
Delta R.T. -0.013 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

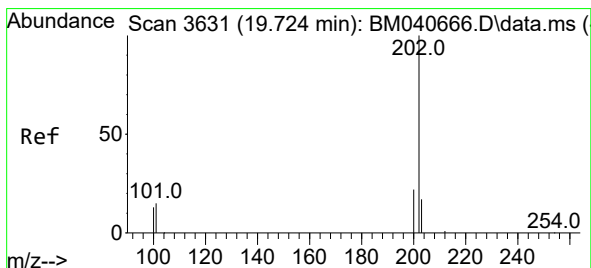
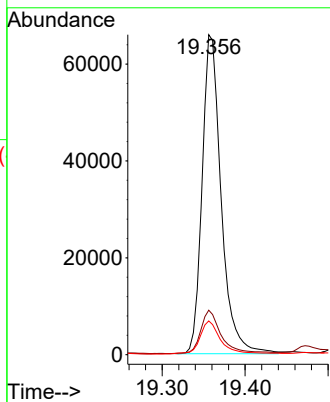
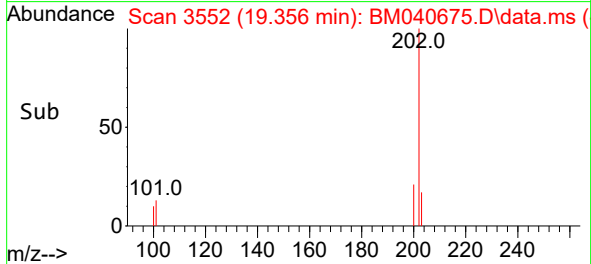
Instrument :
BNA_M
ClientSampleId :
DCGN6



Tgt Ion:202 Resp: 105234
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.5 8.7 13.1

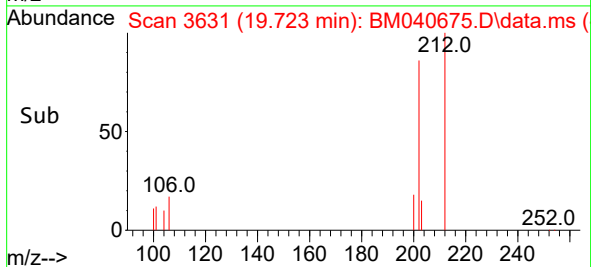
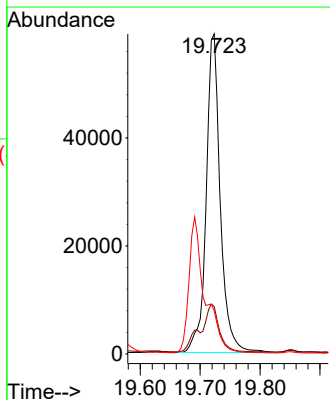
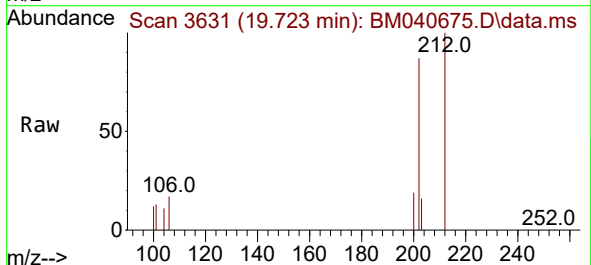
Manual Integrations
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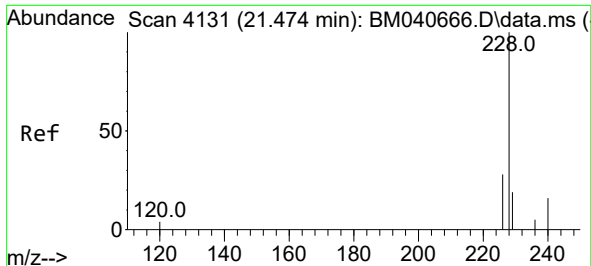
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 1.420 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

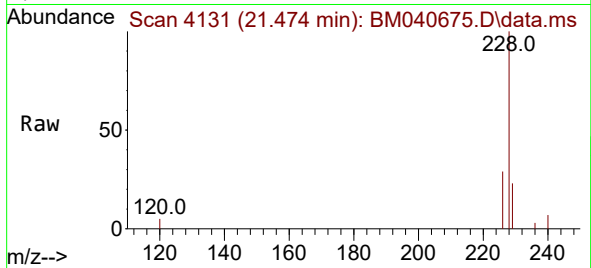
Tgt Ion:202 Resp: 96690
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 13.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.004 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.005 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

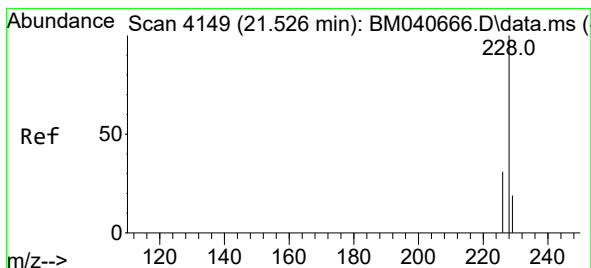
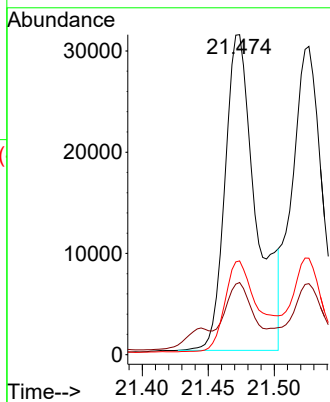
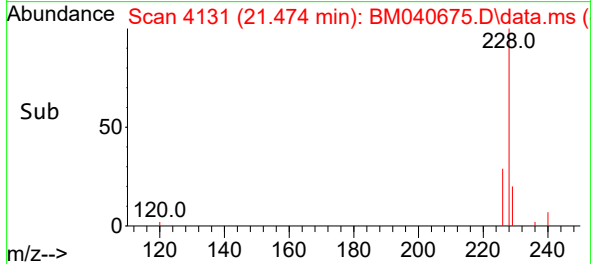
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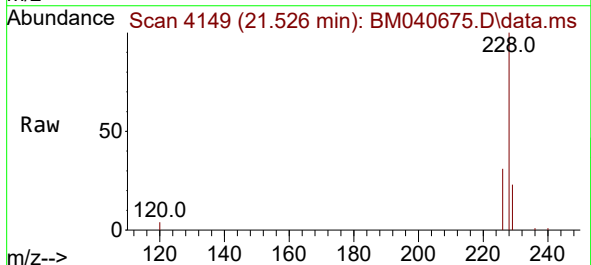
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Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 29.3 22.3 33.5

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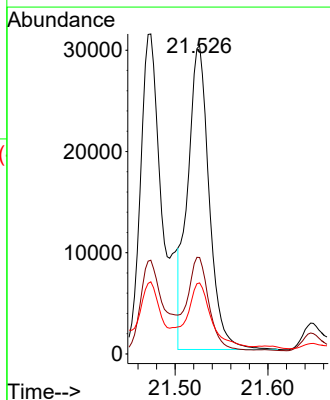
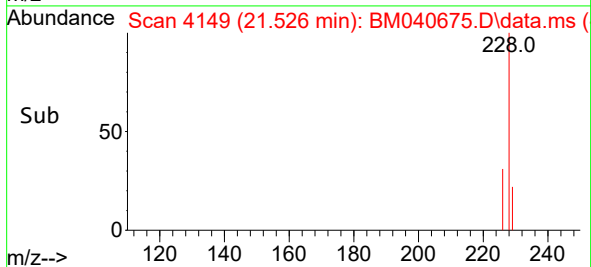
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

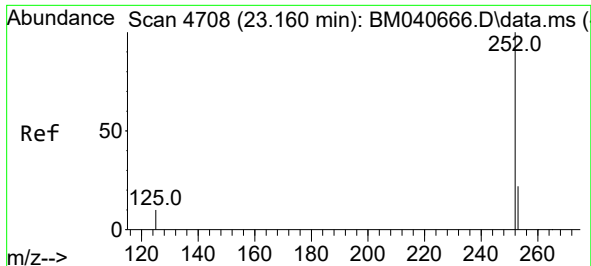


#22
Chrysene
Concen: 0.839 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52



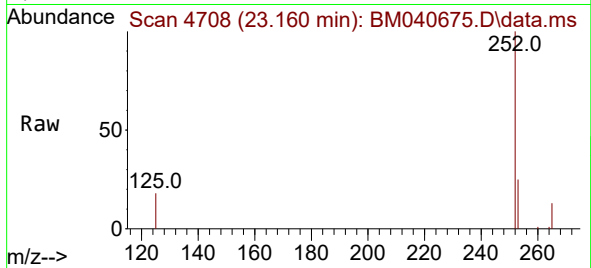
Tgt Ion:228 Resp: 48400
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.339 ng/ul
RT: 23.160 min Scan# 4708
Delta R.T. -0.008 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

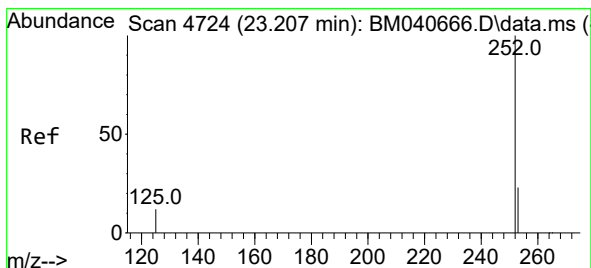
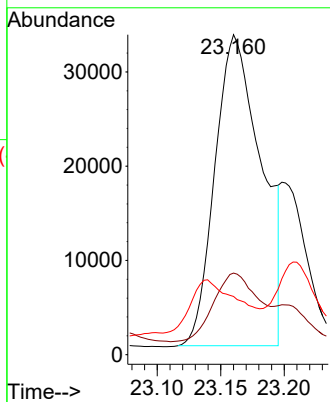
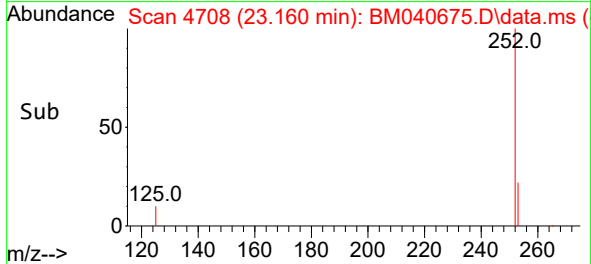
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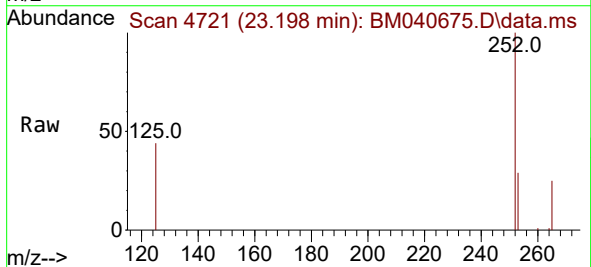
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Ion Ratio Lower Upper
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253 25.5 0.0 52.8
125 18.2 0.0 43.0

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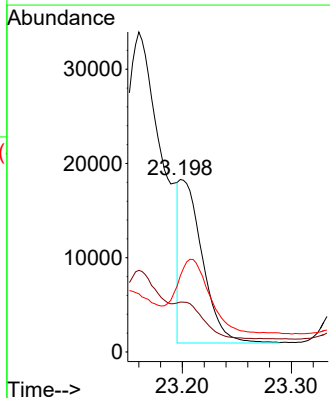
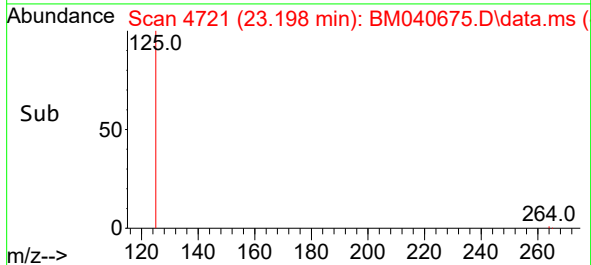
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

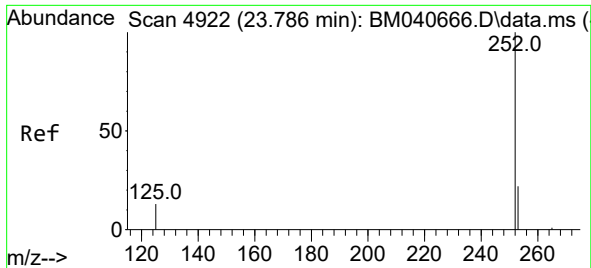


#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52



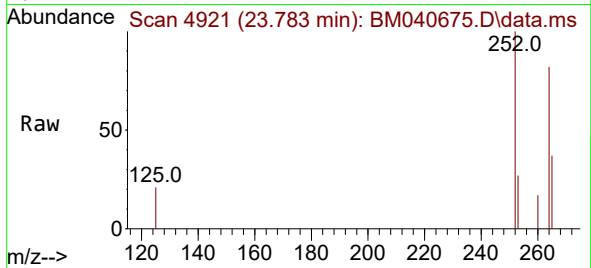
Tgt Ion:252 Resp: 25432
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 44.0 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.876 ng/ul
RT: 23.783 min Scan# 4929
Delta R.T. -0.010 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

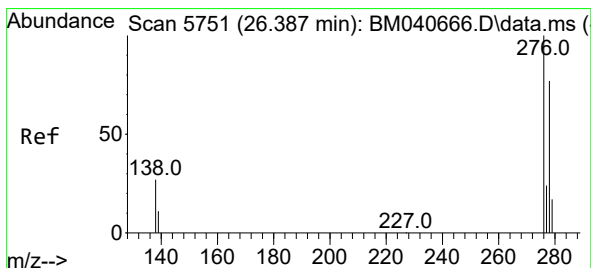
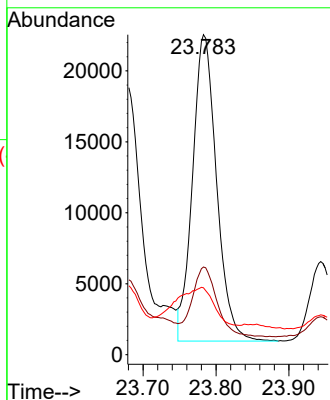
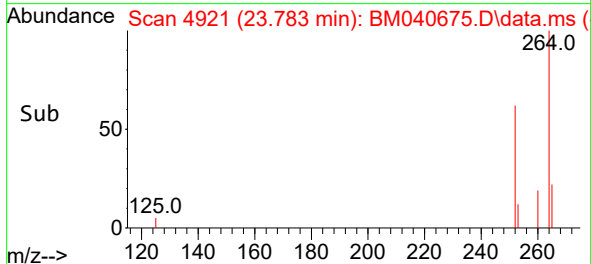
Instrument :
BNA_M
ClientSampleId :
DCGN6



Tgt Ion:252 Resp: 4929
Ion Ratio Lower Upper
252 100
253 27.4 22.9 34.3
125 20.9 21.0 31.4

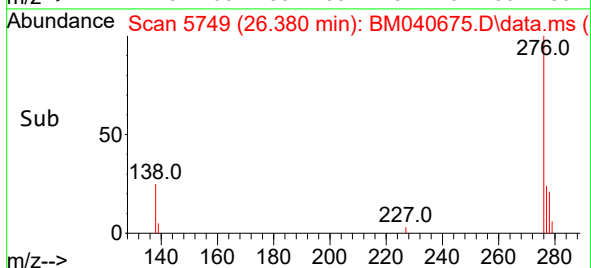
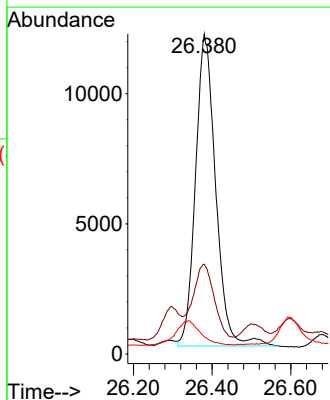
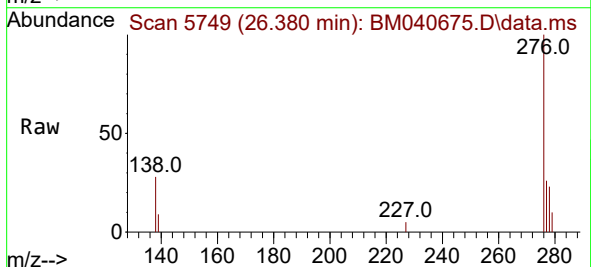
Manual Integrations
APPROVED

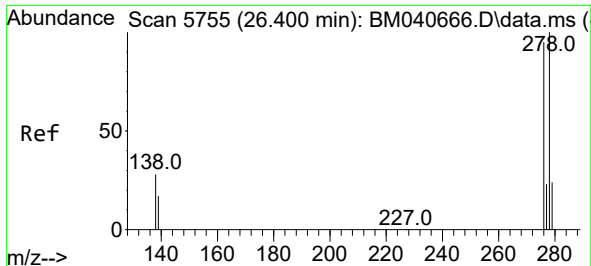
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.544 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.009 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

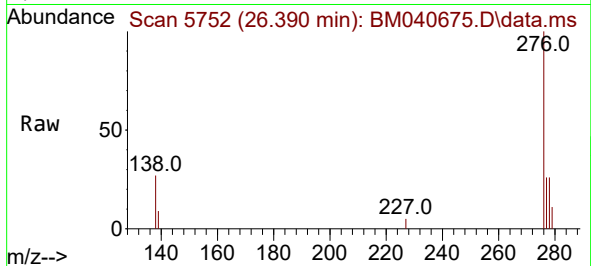
Tgt Ion:276 Resp: 42649
Ion Ratio Lower Upper
276 100
138 23.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52

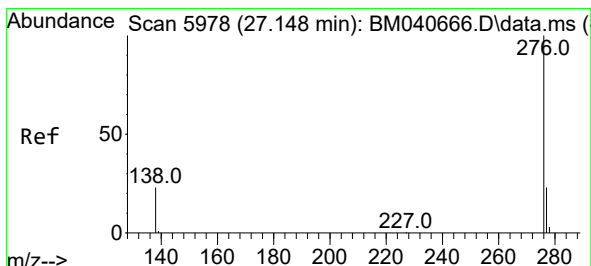
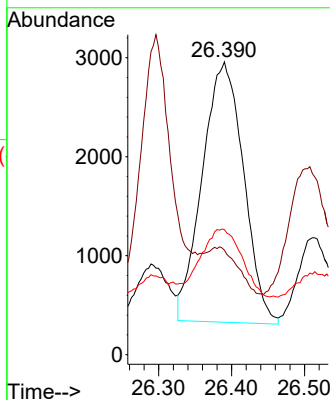
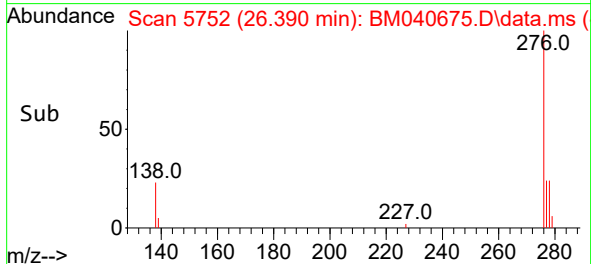
Instrument :
BNA_M
ClientSampleId :
DCGN6



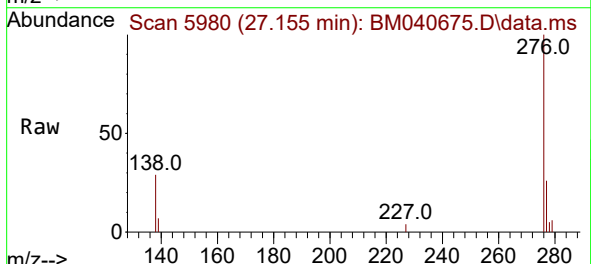
Tgt Ion:278 Resp: 10332
Ion Ratio Lower Upper
278 100
139 35.7 17.9 26.9
279 42.7 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.528 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.009 min
Lab File: BM040675.D
Acq: 06 Jul 2023 13:52



Tgt Ion:276 Resp: 36229
Ion Ratio Lower Upper
276 100
138 28.6 23.0 34.6
277 26.0 20.3 30.5

