

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040668.D
 Acq On : 06 Jul 2023 09:26
 Operator : MA/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN3

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 10:03:20 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	6487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	23908	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	11997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	21852	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	14064	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	15582	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	27012	2.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	6237	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	10557	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	16332	0.248	ng/ul	98
7) 2-Methylnaphthalene	12.373	142	4928	0.127	ng/ul	99
8) 1-Methylnaphthalene	12.593	142	3014	0.078	ng/ul	100
10) Acenaphthylene	14.267	152	11460	0.214	ng/ul	96
11) Acenaphthene	14.609	153	1590	0.035	ng/ul	94
12) Fluorene	15.599	166	1654	0.034	ng/ul#	91
15) Phenanthrene	17.336	178	48924	0.721	ng/ul	100
16) Anthracene	17.429	178	9813	0.172	ng/ul	95
19) Fluoranthene	19.356	202	125169	2.095	ng/ul	97
20) Pyrene	19.719	202	112742	1.760	ng/ul	98
21) Benzo(a)anthracene	21.471	228	61942	1.302	ng/ul	96
22) Chrysene	21.521	228	64403	1.187	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	120754	2.002	ng/ul	93
25) Benzo(k)fluoranthene	23.198	252	31707m	0.534	ng/ul	
26) Benzo(a)pyrene	23.780	252	64646	1.190	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.380	276	64276	0.850	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.383	278	15102	0.255	ng/ul#	86
29) Benzo(g,h,i)perylene	27.151	276	54632	0.824	ng/ul	98

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

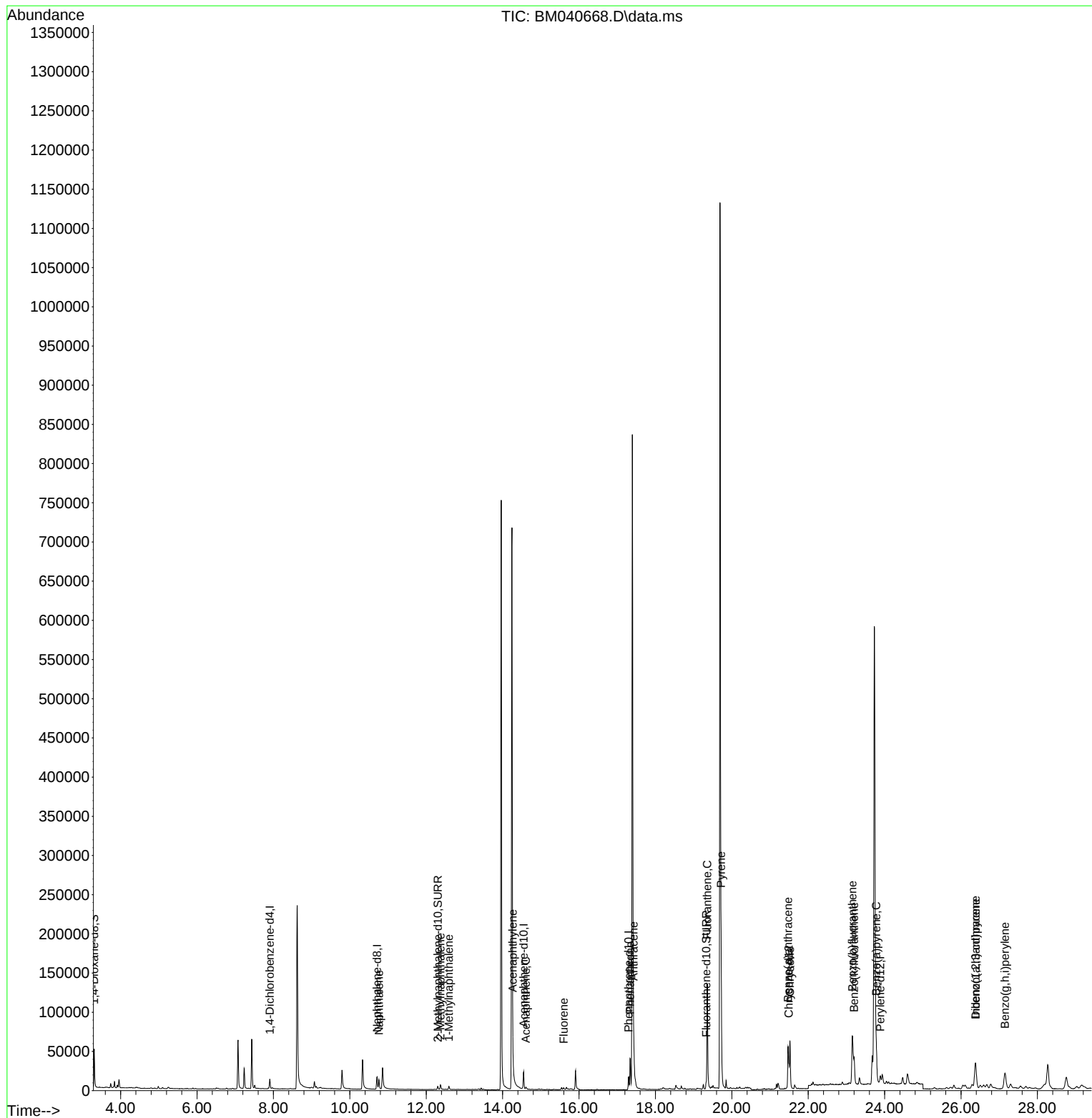
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040668.D
Acq On : 06 Jul 2023 09:26
Operator : MA/JU
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ALS Vial : 38 Sample Multiplier: 1

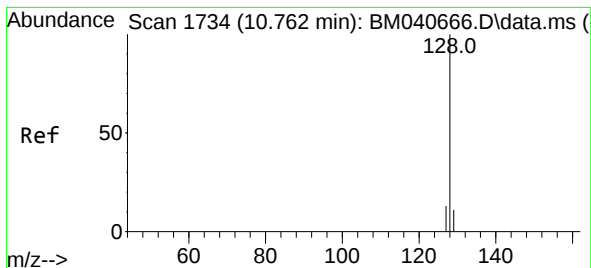
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Quant Time: Jul 06 10:03:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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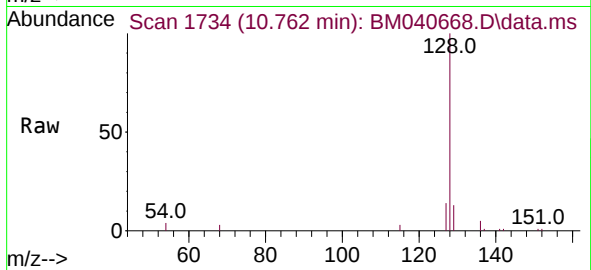
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.248 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

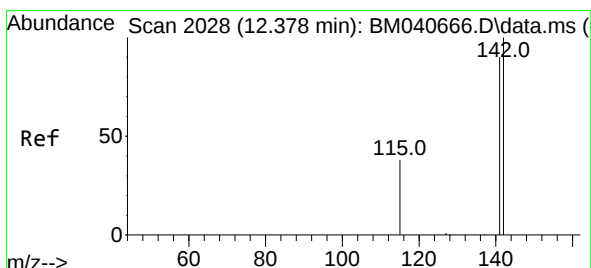
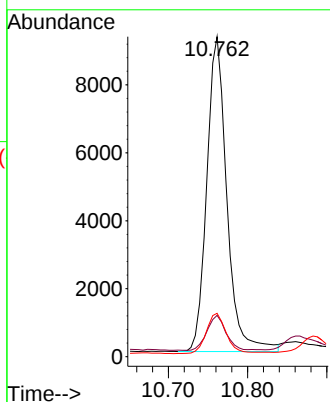
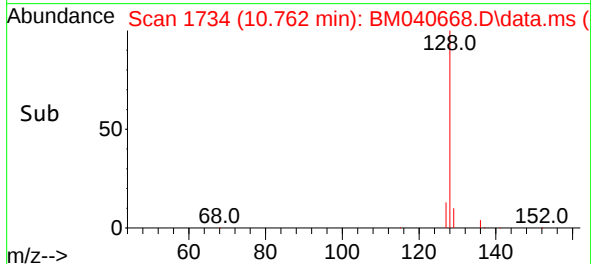
Instrument :
BNA_M
ClientSampleId :
DCGN3



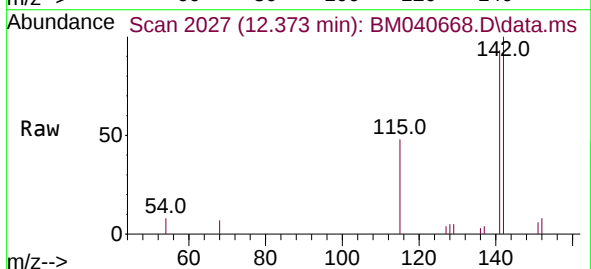
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Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.5 10.6 15.8

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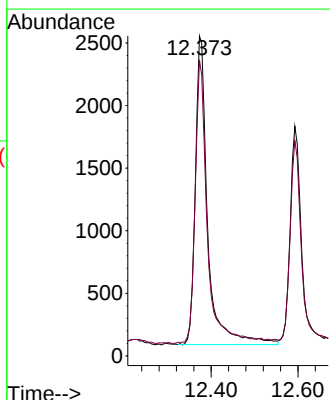
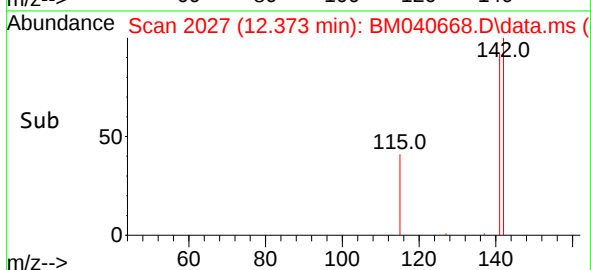
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

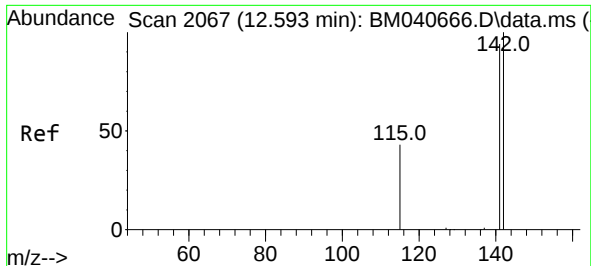


#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.373 min Scan# 2027
Delta R.T. -0.010 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26



Tgt Ion:142 Resp: 4928
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





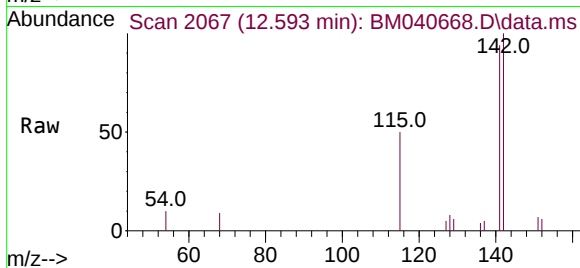
#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

Instrument :

BNA_M

ClientSampleId :

DCGN3

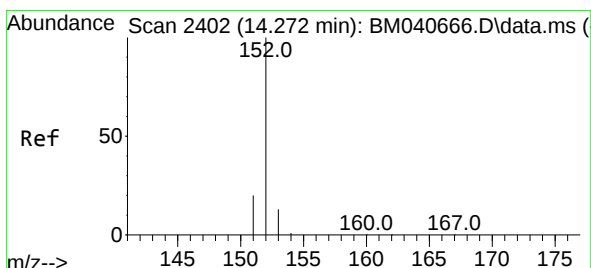
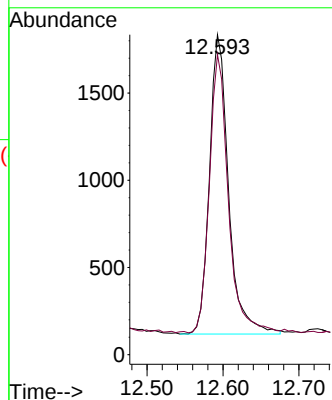
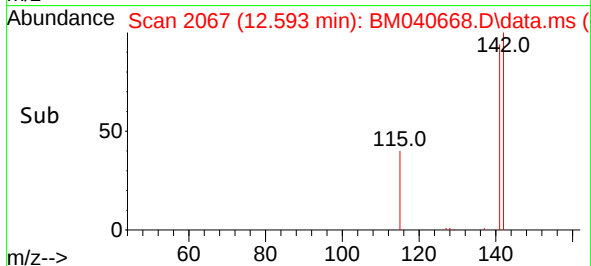


Tgt Ion:142 Resp: 3014
Ion Ratio Lower Upper
142 100
141 91.7 73.7 110.5

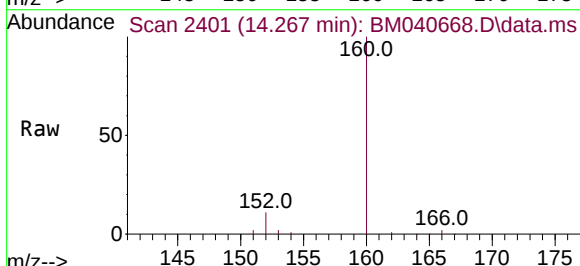
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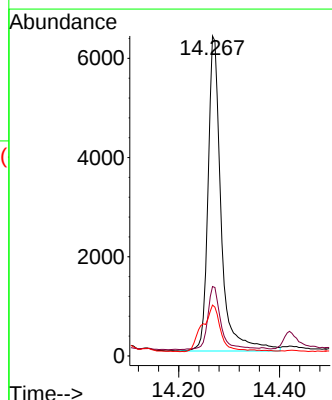
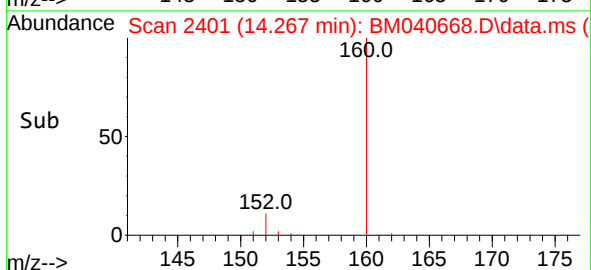
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

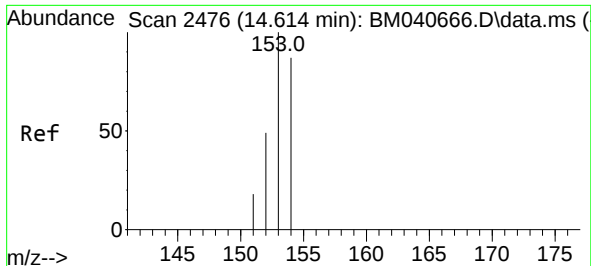


#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.267 min Scan# 2401
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26



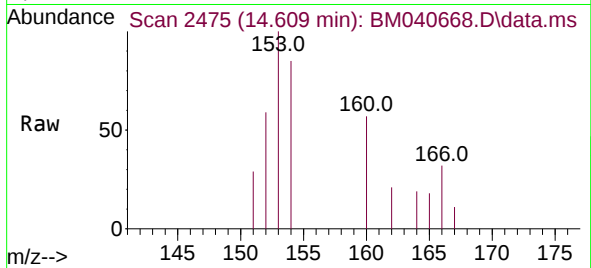
Tgt Ion:152 Resp: 11460
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 15.9 10.9 16.3





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.609 min Scan# 2475
Delta R.T. -0.008 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

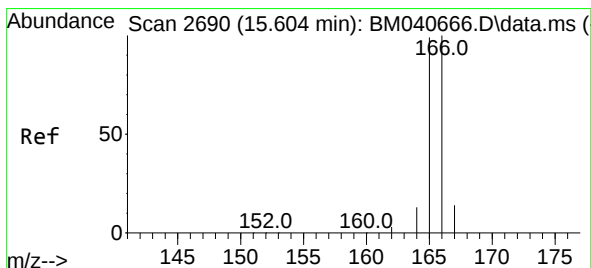
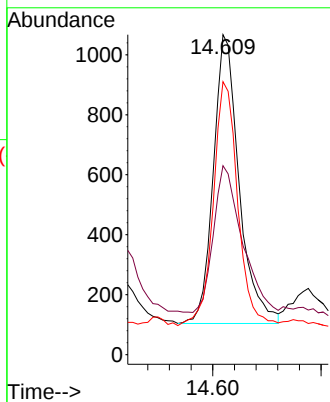
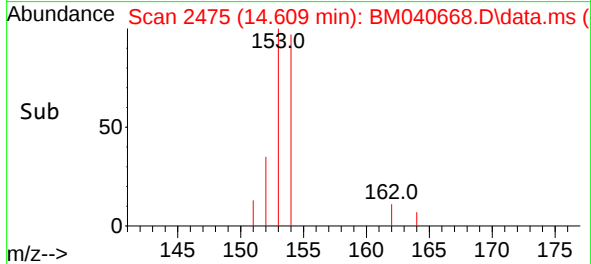
Instrument :
BNA_M
ClientSampleId :
DCGN3



Tgt Ion:153 Resp: 1590
Ion Ratio Lower Upper
153 100
152 59.0 41.0 61.4
154 85.3 70.8 106.2

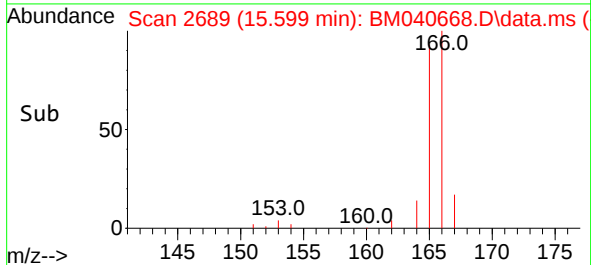
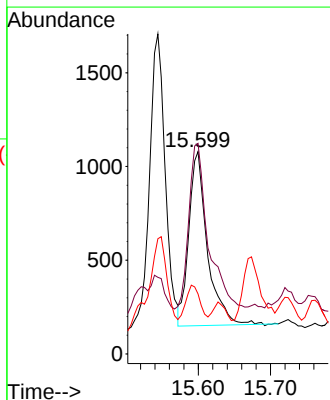
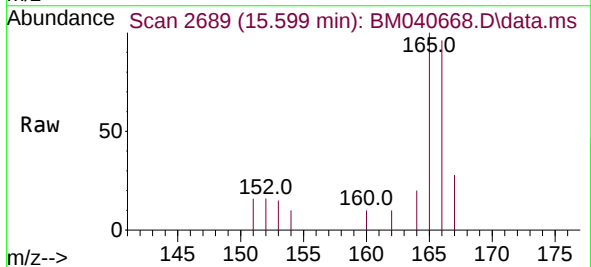
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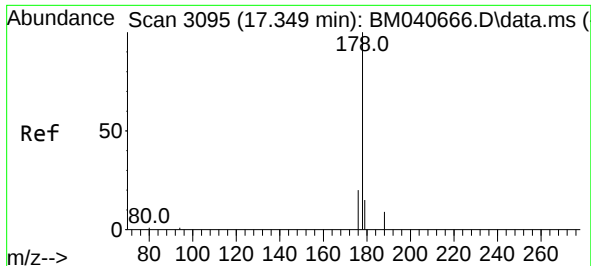
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.599 min Scan# 2689
Delta R.T. -0.008 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

Tgt Ion:166 Resp: 1654
Ion Ratio Lower Upper
166 100
165 104.0 79.6 119.4
167 29.6 11.4 17.0#





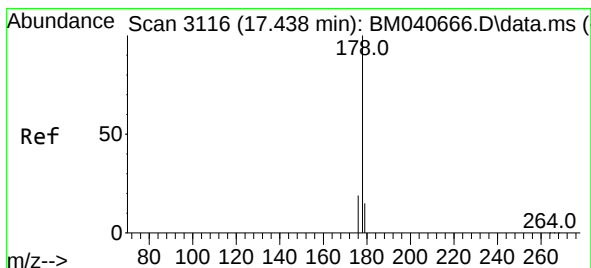
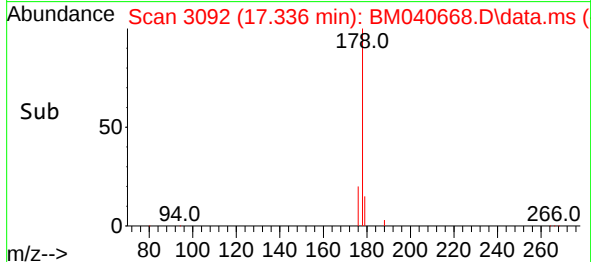
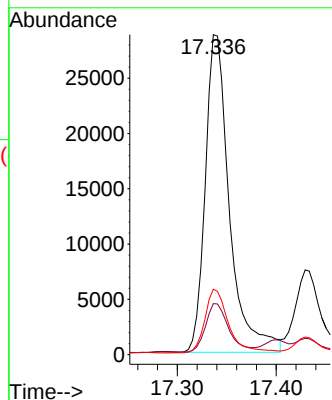
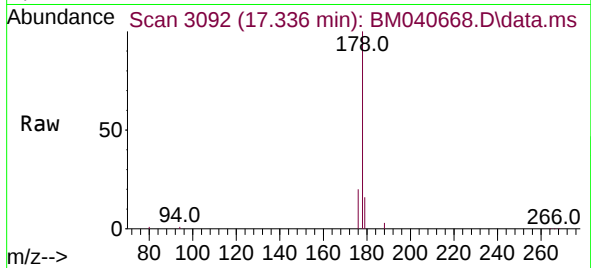
#15
Phenanthrene
Concen: 0.721 ng/ul
RT: 17.336 min Scan# 3092
Delta R.T. -0.016 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

Instrument :
BNA_M
ClientSampleId :
DCGN3

Tgt Ion:178 Resp: 48924
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.5 16.4 24.6

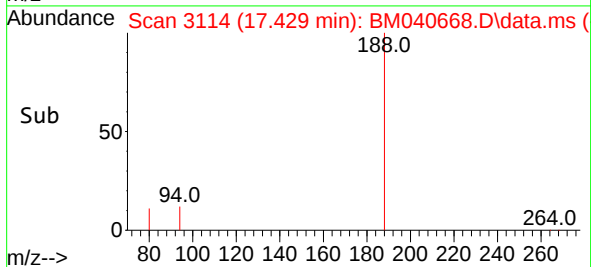
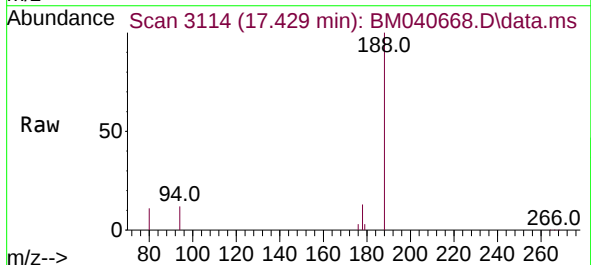
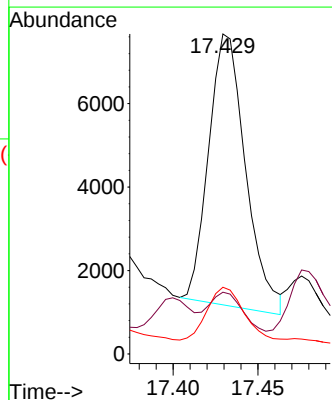
Manual Integrations
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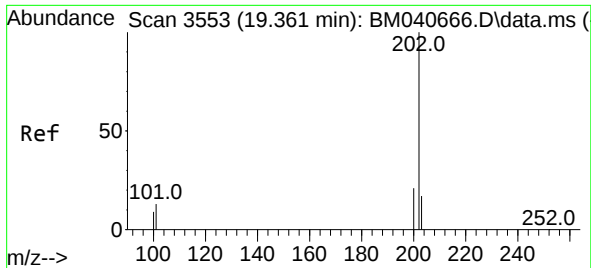
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.172 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.016 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

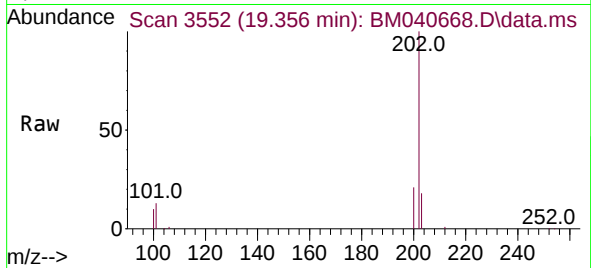
Tgt Ion:178 Resp: 9813
Ion Ratio Lower Upper
178 100
179 19.3 12.9 19.3
176 20.8 15.8 23.6





#19
Fluoranthene
Concen: 2.095 ng/ul
RT: 19.356 min Scan# 3552
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

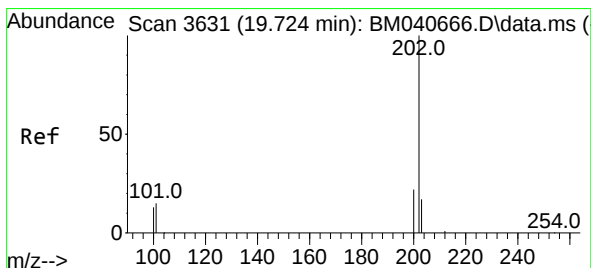
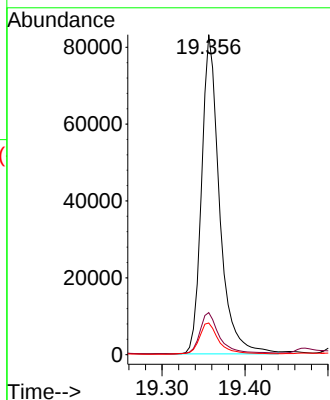
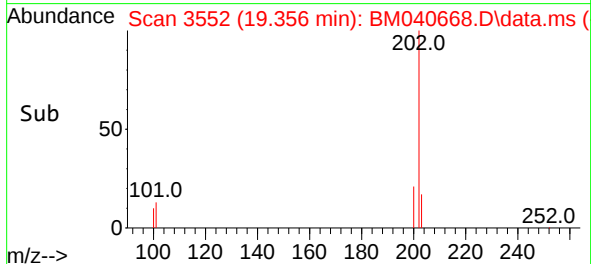
Instrument :
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ClientSampleId :
DCGN3



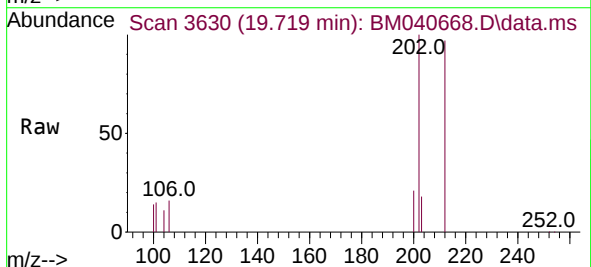
Tgt Ion:202 Resp: 125169
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.9 8.7 13.1

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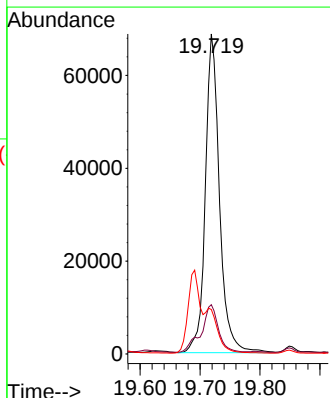
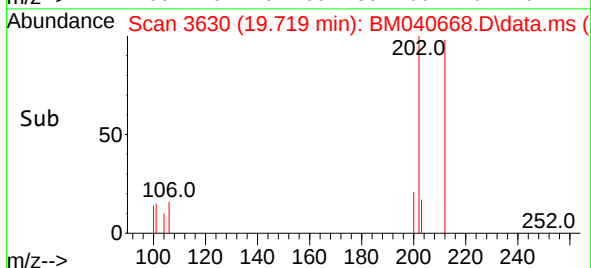
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

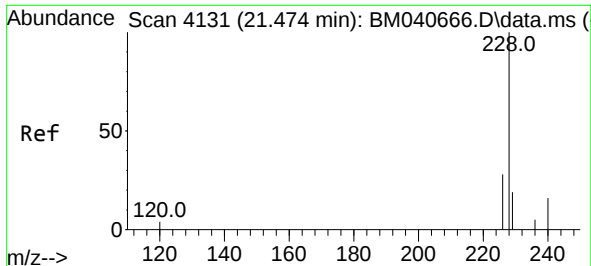


#20
Pyrene
Concen: 1.760 ng/ul
RT: 19.719 min Scan# 3630
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26



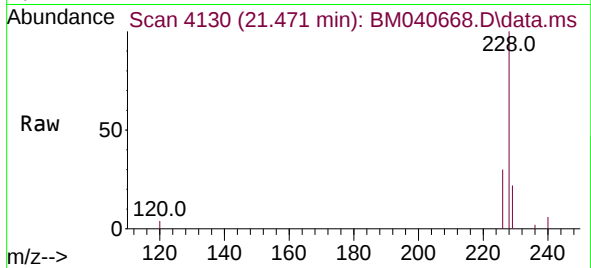
Tgt Ion:202 Resp: 112742
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.302 ng/ul
RT: 21.471 min Scan# 4131
Delta R.T. -0.007 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

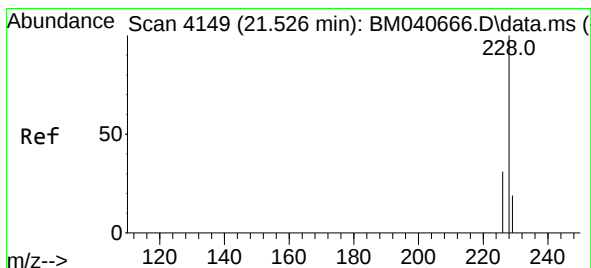
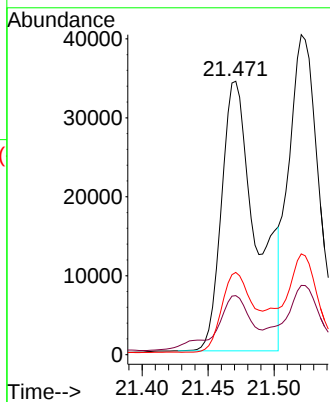
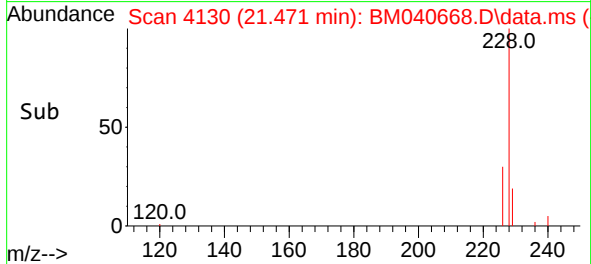
Instrument :
BNA_M
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DCGN3



Tgt Ion:228 Resp: 6194
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 30.1 22.3 33.5

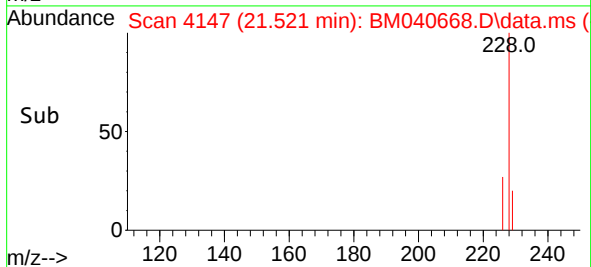
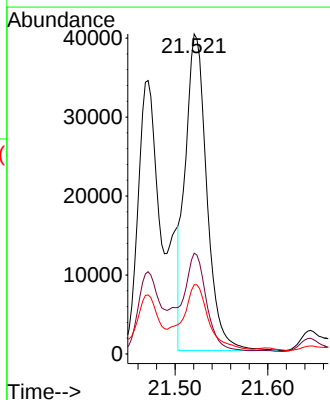
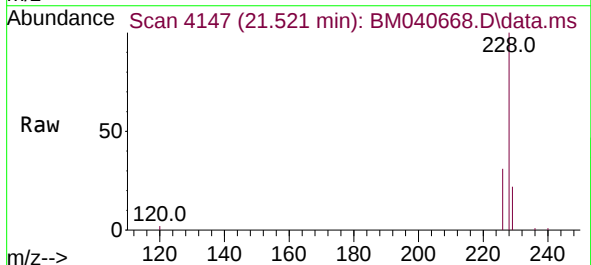
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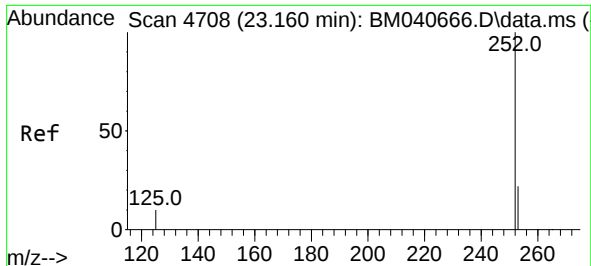
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 1.187 ng/ul
RT: 21.521 min Scan# 4147
Delta R.T. -0.010 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

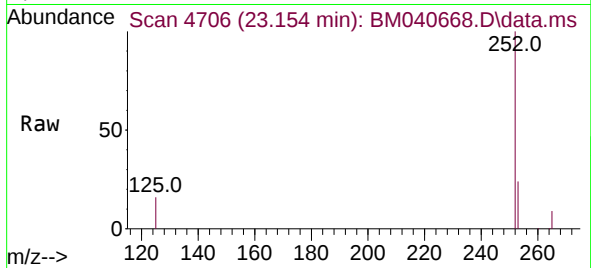
Tgt Ion:228 Resp: 64403
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.002 ng/ul
RT: 23.154 min Scan# 4706
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

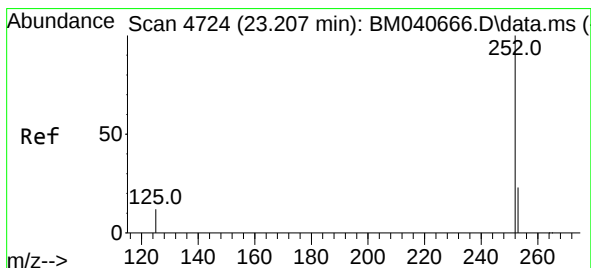
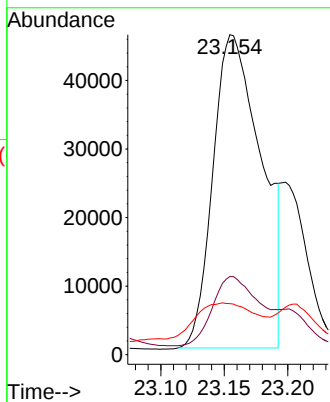
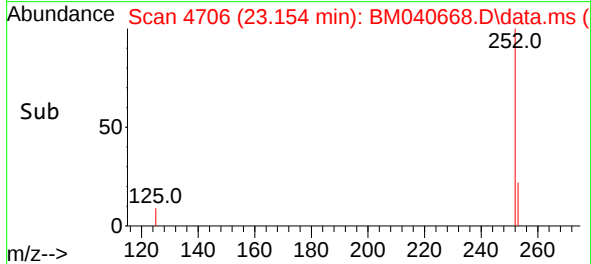
Instrument :
BNA_M
ClientSampleId :
DCGN3



Tgt Ion:252 Resp: 120754
Ion Ratio Lower Upper
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253 24.4 0.0 52.8
125 15.9 0.0 43.0

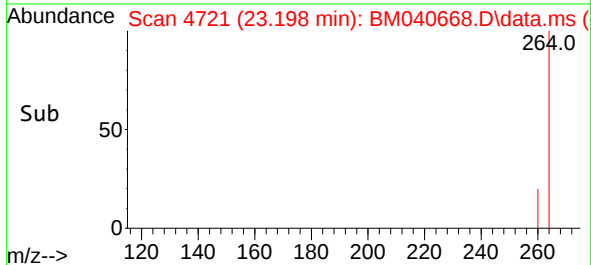
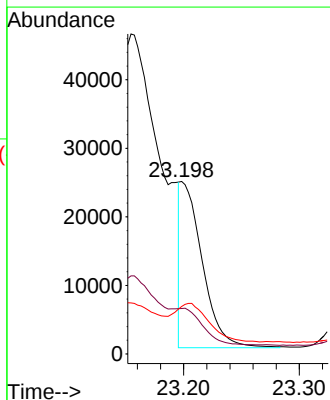
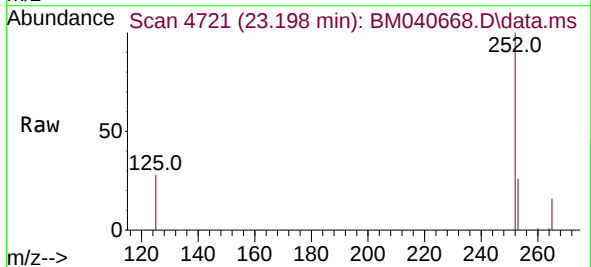
Manual Integrations
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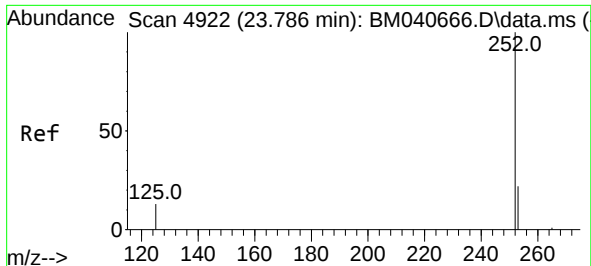
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.534 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

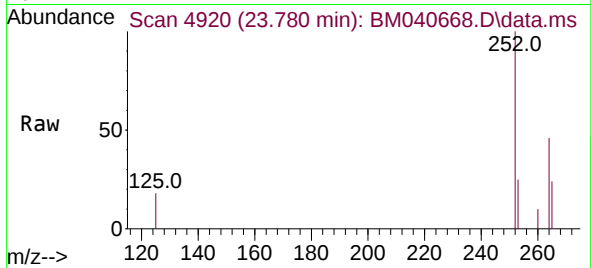
Tgt Ion:252 Resp: 31707
Ion Ratio Lower Upper
252 100
253 26.3 21.2 31.8
125 27.5 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.190 ng/ul
RT: 23.780 min Scan# 4922
Delta R.T. -0.013 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

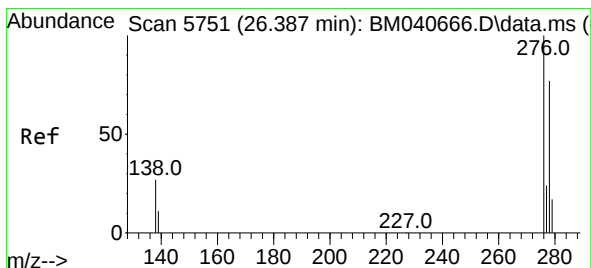
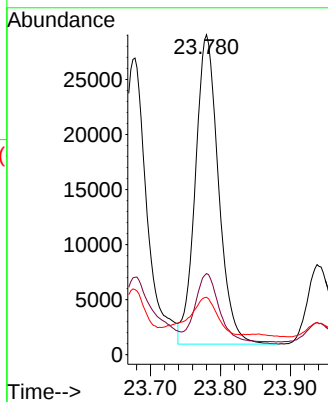
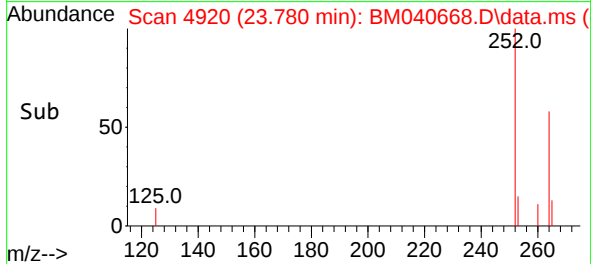
Instrument :
BNA_M
ClientSampleId :
DCGN3



Tgt Ion:252 Resp: 64640
Ion Ratio Lower Upper
252 100
253 25.3 22.9 34.3
125 18.0 21.0 31.4

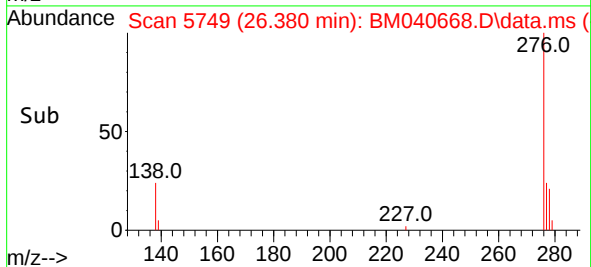
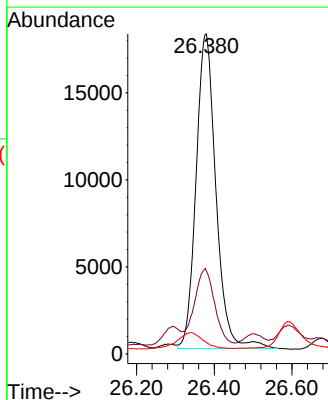
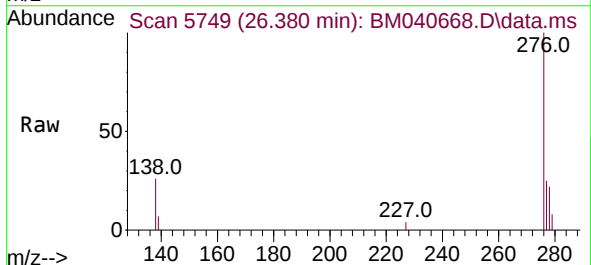
Manual Integrations
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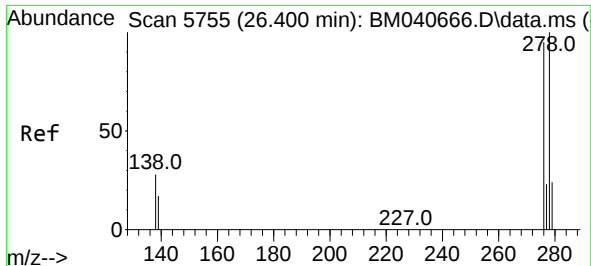
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.850 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.009 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

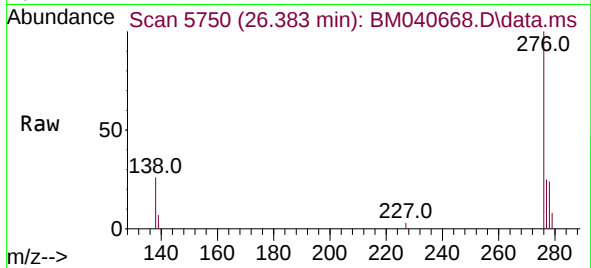
Tgt Ion:276 Resp: 64276
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 26.383 min Scan# 5755
Delta R.T. -0.025 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26

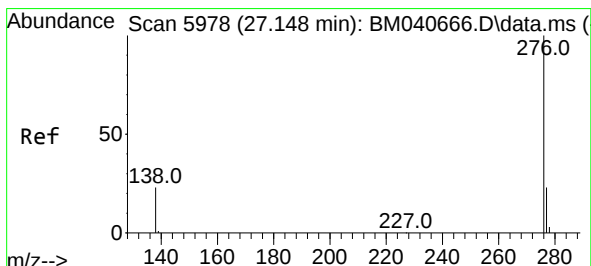
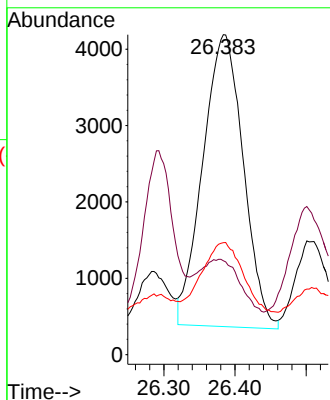
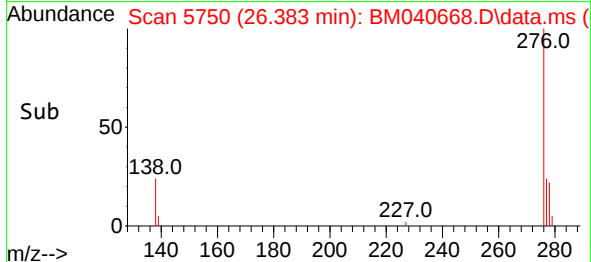
Instrument :
BNA_M
ClientSampleId :
DCGN3



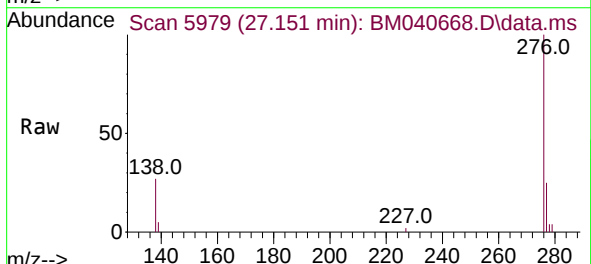
Tgt Ion:278 Resp: 1510
Ion Ratio Lower Upper
278 100
139 29.4 17.9 26.9
279 35.0 22.0 33.0

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



#29
Benzo(g,h,i)perylene
Concen: 0.824 ng/ul
RT: 27.151 min Scan# 5979
Delta R.T. -0.012 min
Lab File: BM040668.D
Acq: 06 Jul 2023 09:26



Tgt Ion:276 Resp: 54632
Ion Ratio Lower Upper
276 100
138 26.9 23.0 34.6
277 25.0 20.3 30.5

