

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040677.D
 Acq On : 06 Jul 2023 15:08
 Operator : MA/JU
 Sample : 03248-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN7

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 16:33:40 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	7456	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	27997	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.548	164	14392	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	27417	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	22322	0.400	ng/ul	0.00
23) Perylene-d12	23.893	264	19881	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	28683	2.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.300	152	7015	0.179	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	12870	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.760	128	48992	0.634	ng/ul	100
7) 2-Methylnaphthalene	12.377	142	9913	0.219	ng/ul	99
8) 1-Methylnaphthalene	12.597	142	3884	0.086	ng/ul	97
10) Acenaphthylene	14.270	152	337001	5.242	ng/ul	99
11) Acenaphthene	14.613	153	6487	0.119	ng/ul	94
12) Fluorene	15.598	166	9525	0.164	ng/ul#	97
14) Pentachlorophenol	16.955	266	117	0.022	ng/ul#	86
15) Phenanthrene	17.339	178	199745	2.345	ng/ul	99
16) Anthracene	17.432	178	181662	2.538	ng/ul	99
19) Fluoranthene	19.360	202	1623108	17.118	ng/ul#	94
20) Pyrene	19.722	202	1399598	13.768	ng/ul	96
21) Benzo(a)anthracene	21.473	228	747392	9.899	ng/ul	97
22) Chrysene	21.525	228	579258	6.726	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	1260285	16.380	ng/ul	87
25) Benzo(k)fluoranthene	23.200	252	369977m	4.879	ng/ul	
26) Benzo(a)pyrene	23.787	252	582725	8.408	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.382	276	538784	5.582	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.385	278	136509	1.806	ng/ul	96
29) Benzo(g,h,i)perylene	27.154	276	380020	4.492	ng/ul	94

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

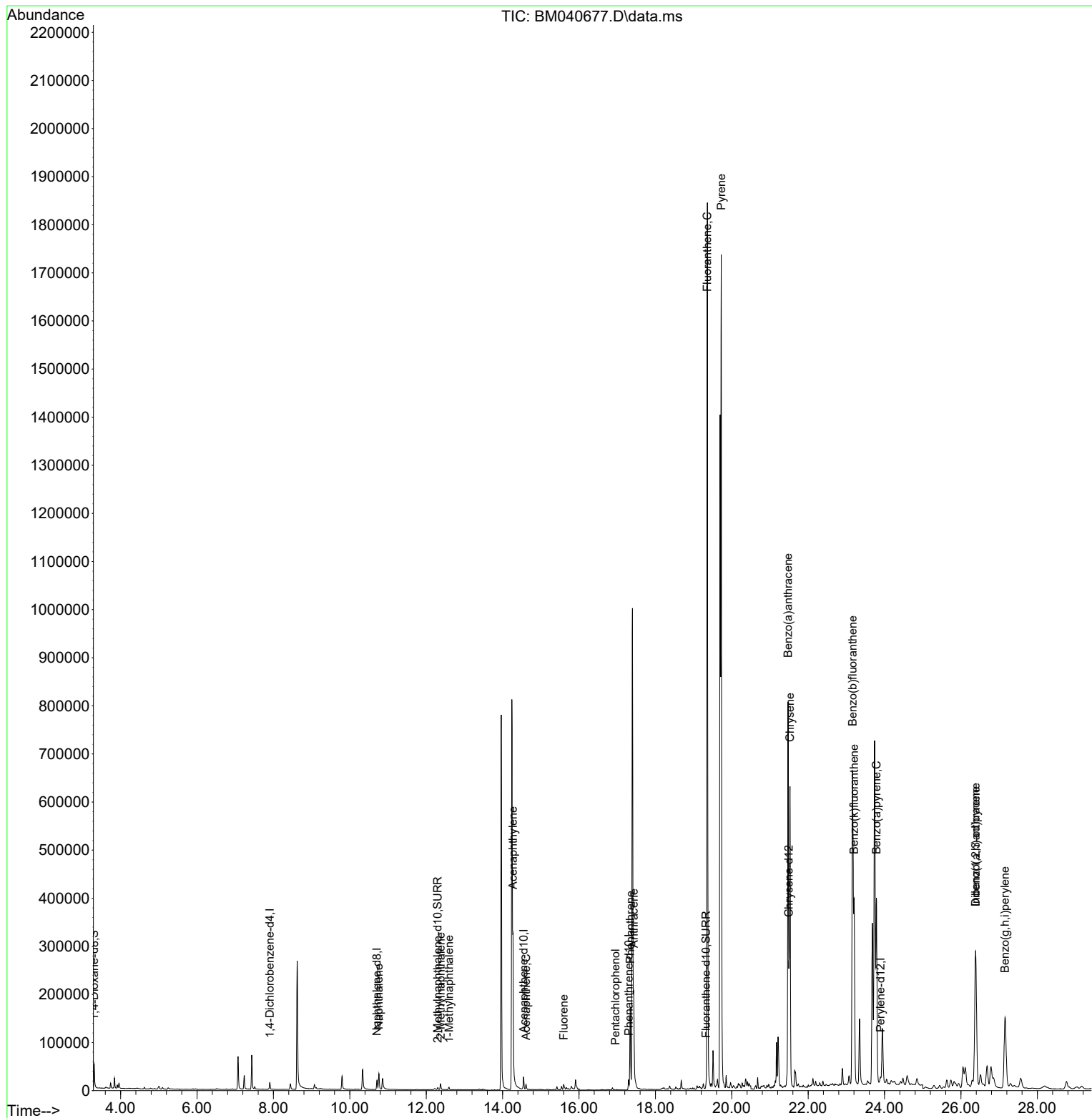
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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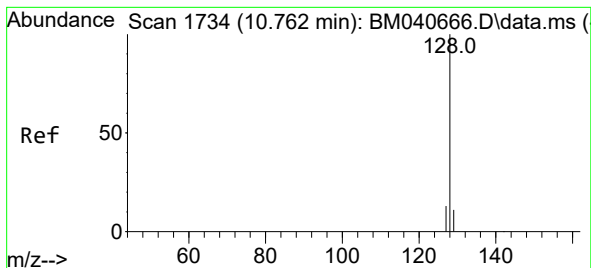
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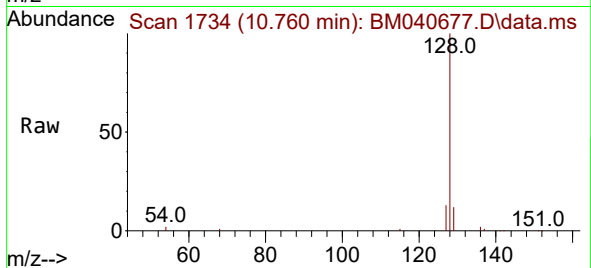
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.634 ng/ul
RT: 10.760 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

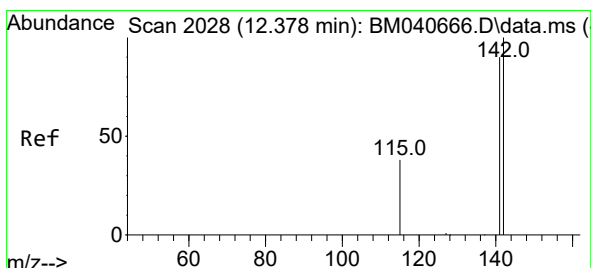
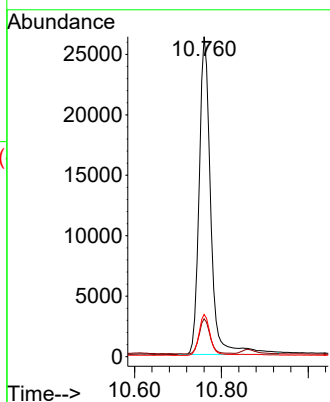
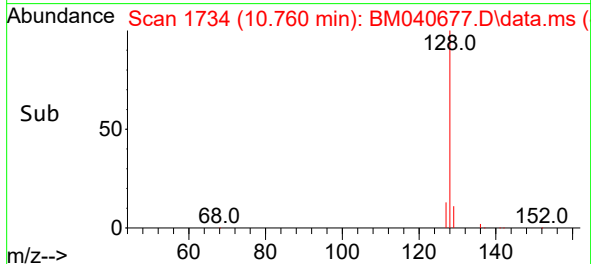
Instrument :
BNA_M
ClientSampleId :
DCGN7



Tgt Ion:128 Resp: 48992
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.6 15.8

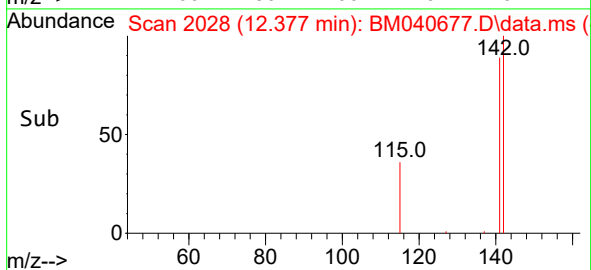
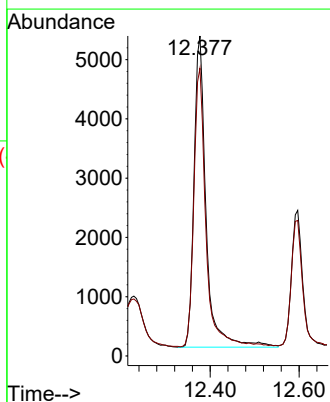
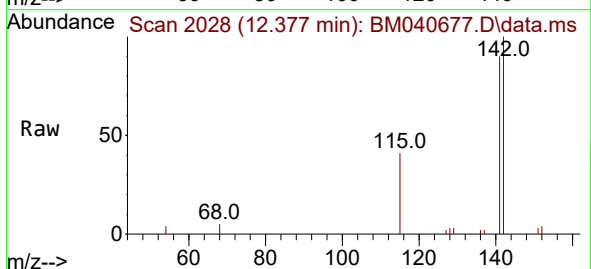
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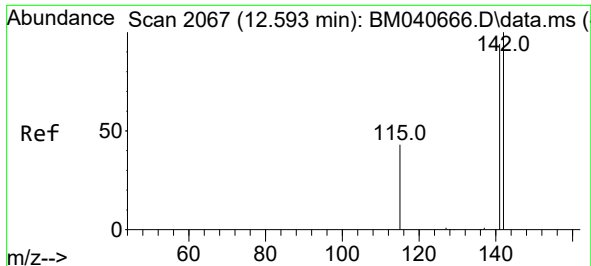
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.377 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

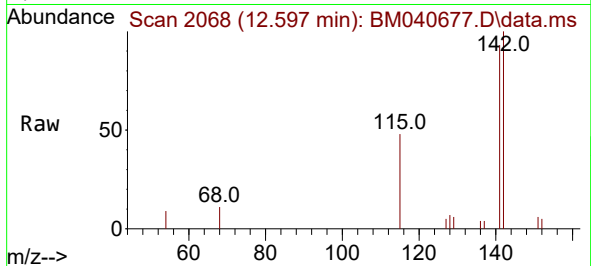
Tgt Ion:142 Resp: 9913
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.597 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

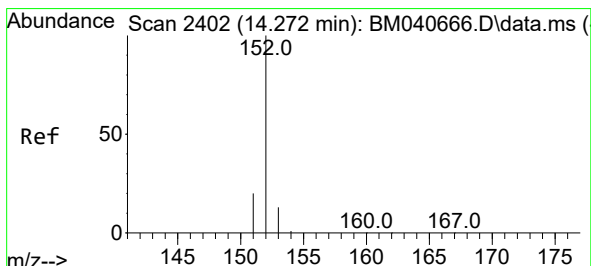
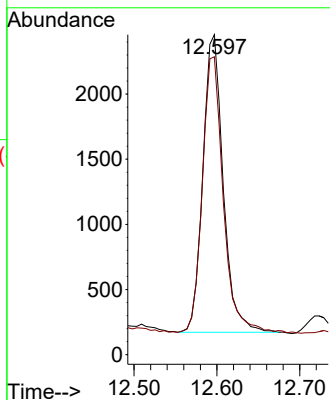
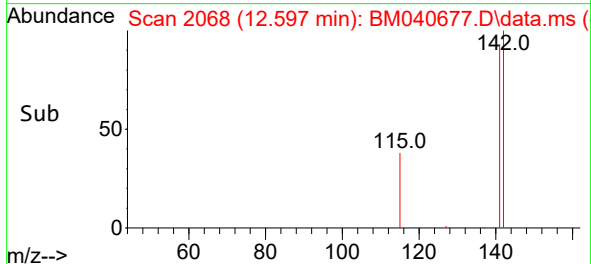
Instrument :
BNA_M
ClientSampleId :
DCGN7



Tgt Ion:142 Resp: 3884
Ion Ratio Lower Upper
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141 94.8 73.7 110.5

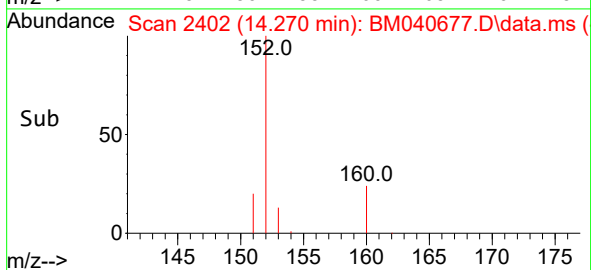
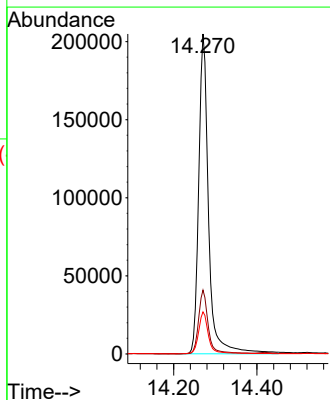
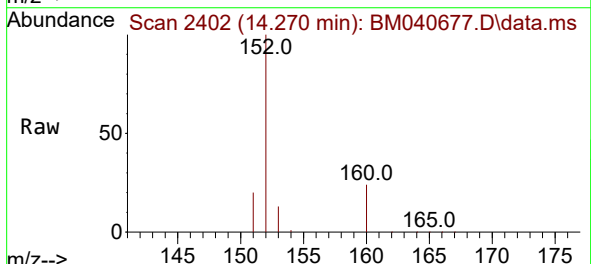
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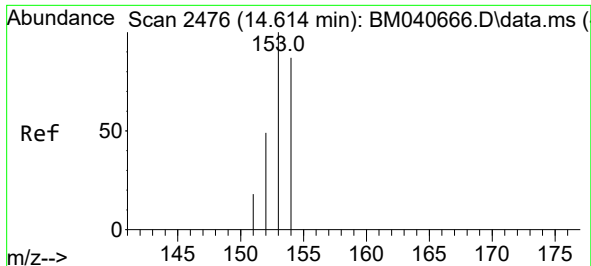
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 5.242 ng/ul
RT: 14.270 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

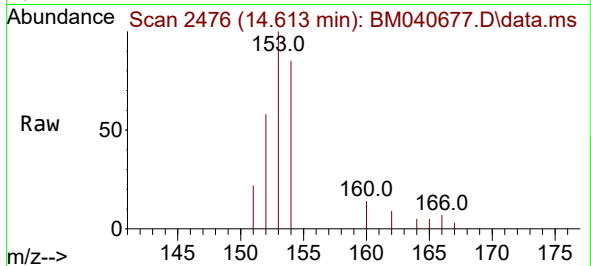
Tgt Ion:152 Resp: 337001
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.9 16.3





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.613 min Scan# 2476
Delta R.T. -0.005 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

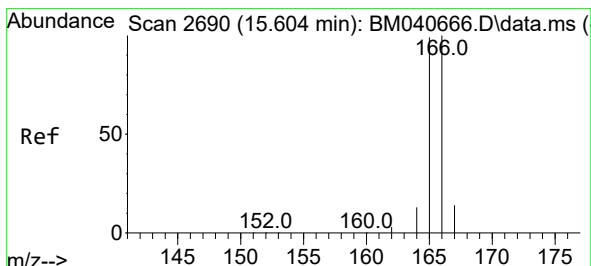
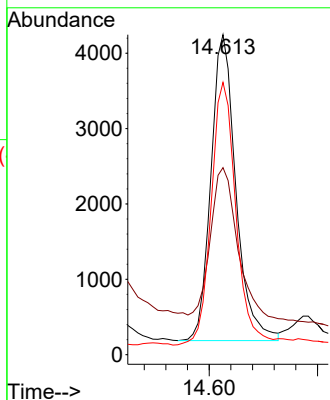
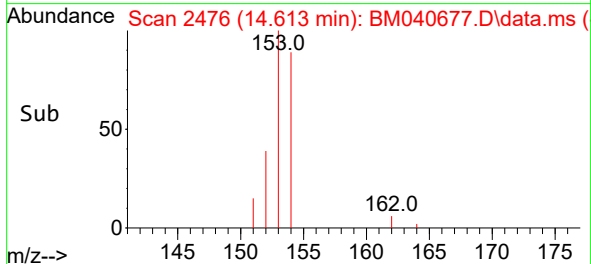
Instrument :
BNA_M
ClientSampleId :
DCGN7



Tgt Ion:153 Resp: 648
Ion Ratio Lower Upper
153 100
152 58.5 41.0 61.4
154 85.1 70.8 106.2

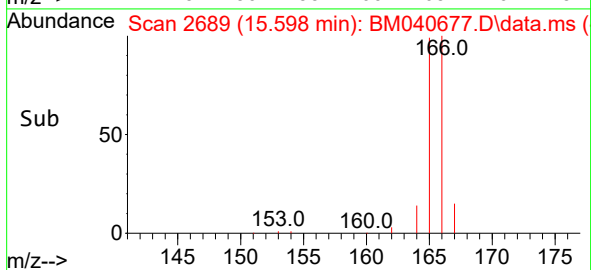
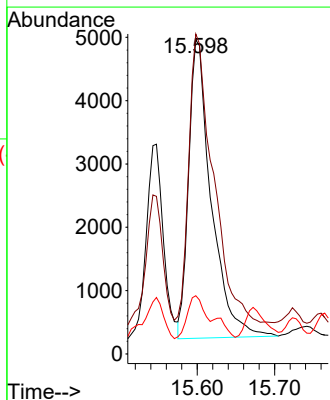
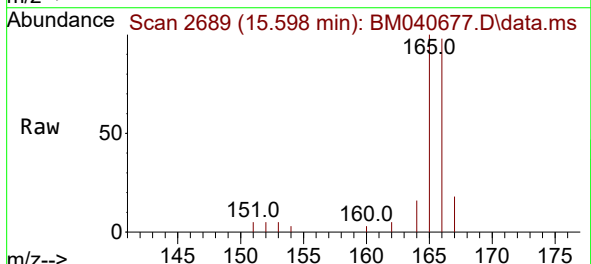
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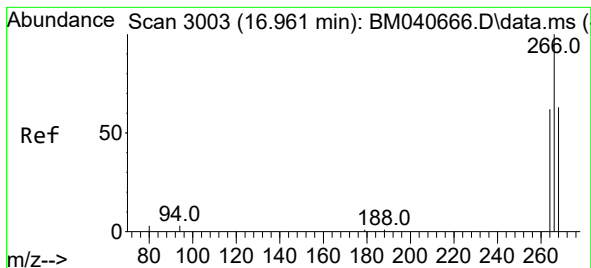
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.164 ng/ul
RT: 15.598 min Scan# 2689
Delta R.T. -0.009 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

Tgt Ion:166 Resp: 9525
Ion Ratio Lower Upper
166 100
165 101.9 79.6 119.4
167 18.5 11.4 17.0#





#14

Pentachlorophenol

Concen: 0.022 ng/ul

RT: 16.955 min Scan# 3002

Delta R.T. -0.013 min

Lab File: BM040677.D

Acq: 06 Jul 2023 15:08

Instrument :

BNA_M

ClientSampleId :

DCGN7

Tgt Ion:266 Resp: 111

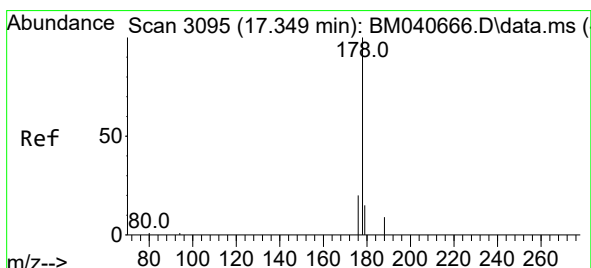
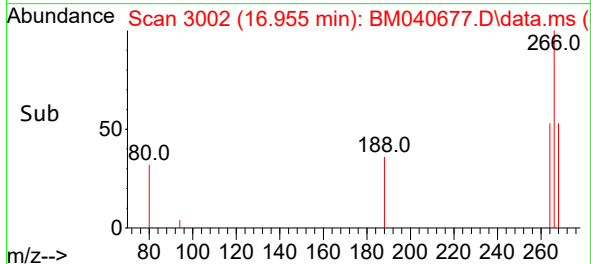
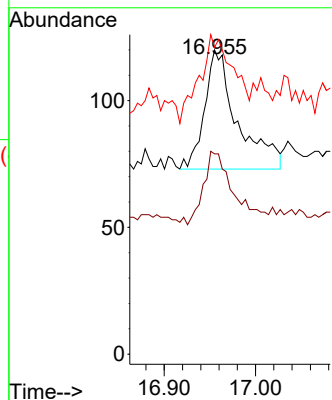
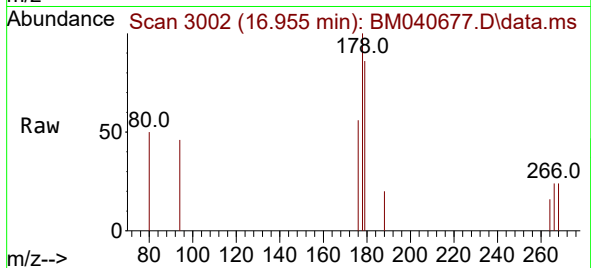
Ion	Ratio	Lower	Upper
266	100		
264	57.3	45.4	68.0
268	78.6	47.2	70.8

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#15

Phenanthrene

Concen: 2.345 ng/ul

RT: 17.339 min Scan# 3093

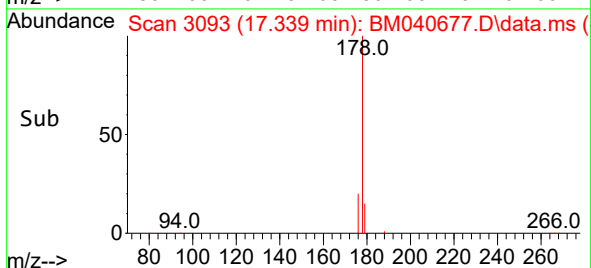
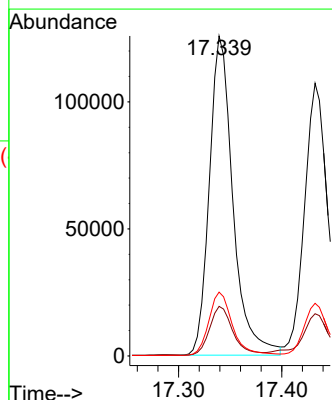
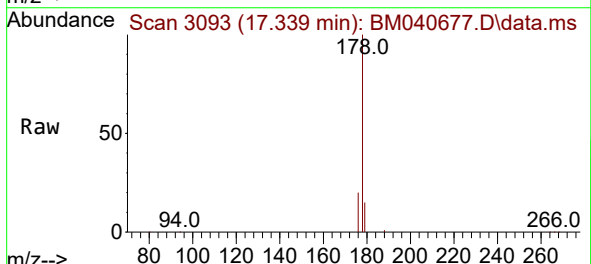
Delta R.T. -0.013 min

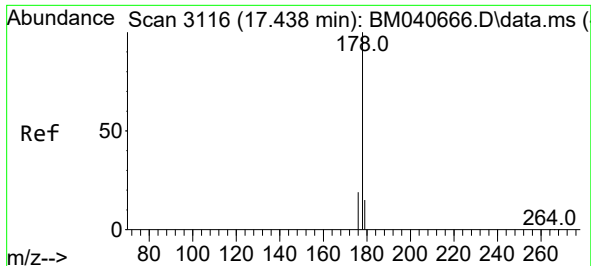
Lab File: BM040677.D

Acq: 06 Jul 2023 15:08

Tgt Ion:178 Resp: 199745

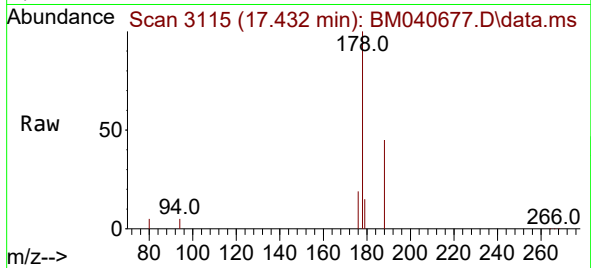
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.9	16.4	24.6





#16
 Anthracene
 Concen: 2.538 ng/ul
 RT: 17.432 min Scan# 3116
 Delta R.T. -0.013 min
 Lab File: BM040677.D
 Acq: 06 Jul 2023 15:08

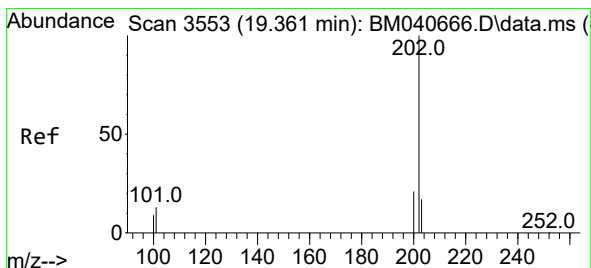
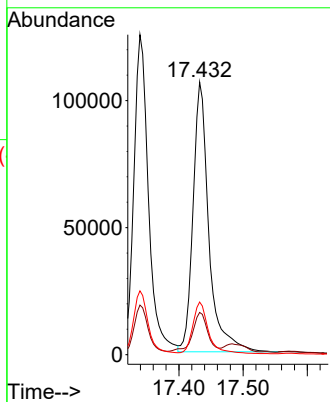
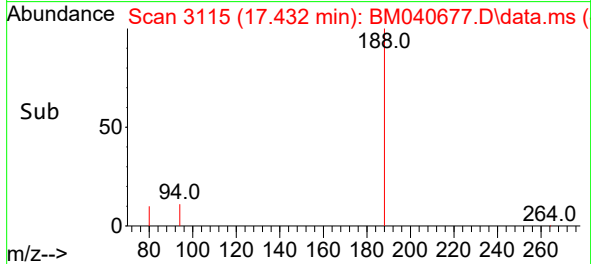
Instrument :
 BNA_M
 ClientSampleId :
 DCGN7



Tgt Ion:178 Resp: 181662
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.9 19.3
 176 19.3 15.8 23.6

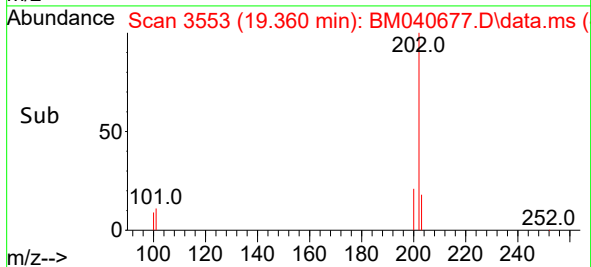
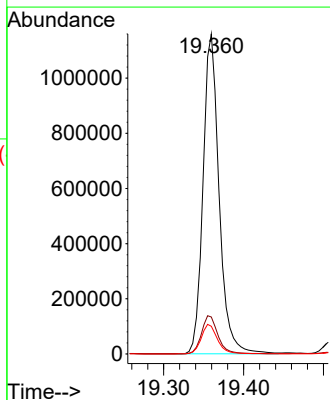
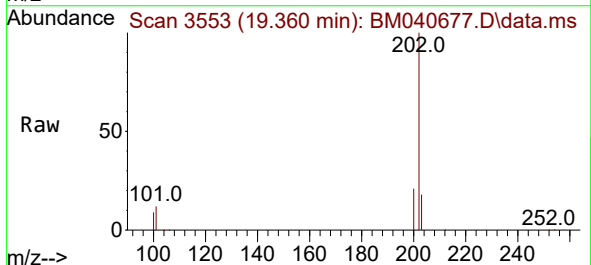
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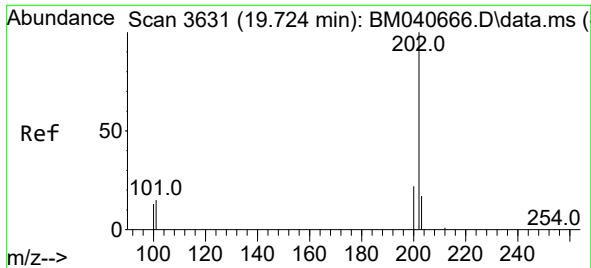
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 17.118 ng/ul
 RT: 19.360 min Scan# 3553
 Delta R.T. -0.009 min
 Lab File: BM040677.D
 Acq: 06 Jul 2023 15:08

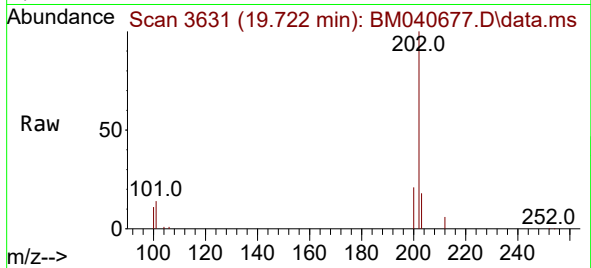
Tgt Ion:202 Resp: 1623108
 Ion Ratio Lower Upper
 202 100
 101 11.5 11.4 17.0
 100 8.6 8.7 13.1#





#20
Pyrene
Concen: 13.768 ng/ul
RT: 19.722 min Scan# 3631
Delta R.T. -0.009 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

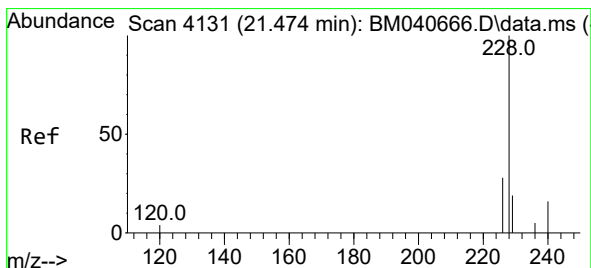
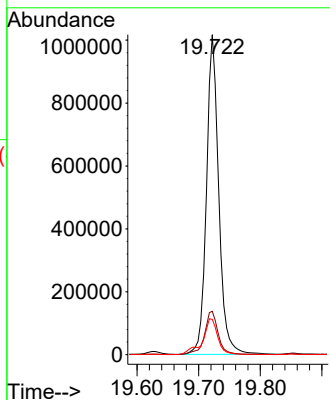
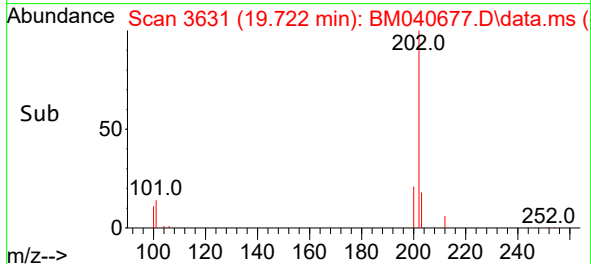
Instrument :
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ClientSampleId :
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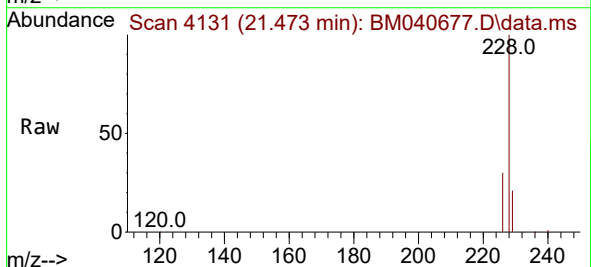
Tgt Ion:202 Resp: 1399598
Ion Ratio Lower Upper
202 100
101 13.6 12.6 18.8
100 11.1 9.8 14.6

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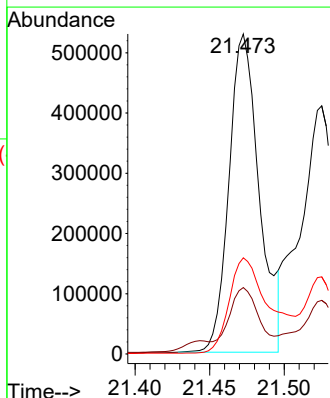
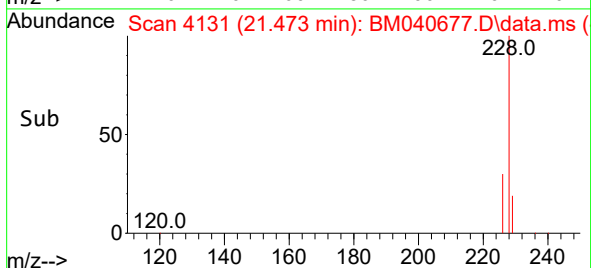
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

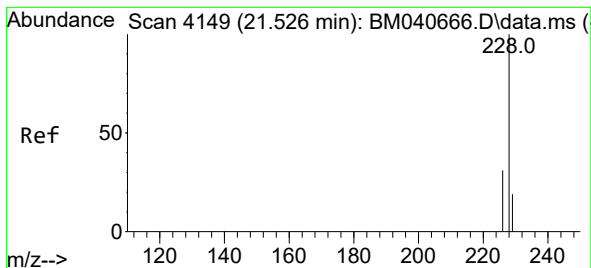


#21
Benzo(a)anthracene
Concen: 9.899 ng/ul
RT: 21.473 min Scan# 4131
Delta R.T. -0.006 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08



Tgt Ion:228 Resp: 747392
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 30.1 22.3 33.5





#22

Chrysene

Concen: 6.726 ng/ul

RT: 21.525 min Scan# 4149

Delta R.T. -0.006 min

Lab File: BM040677.D

Acq: 06 Jul 2023 15:08

Instrument :

BNA_M

ClientSampleId :

DCGN7

Tgt Ion:228 Resp: 579258

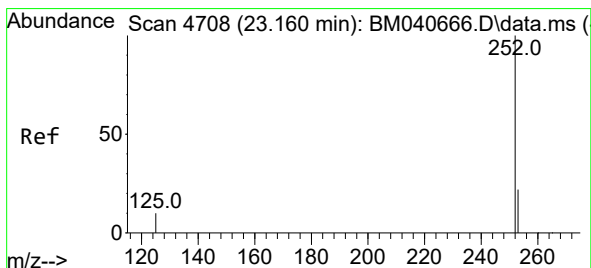
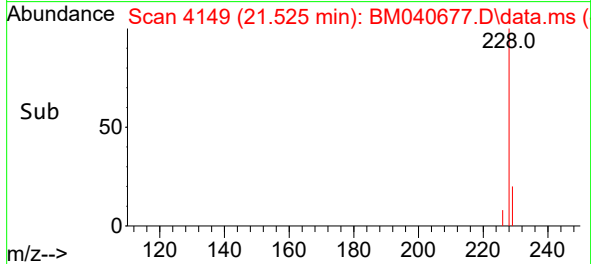
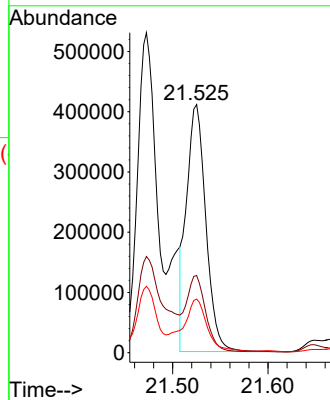
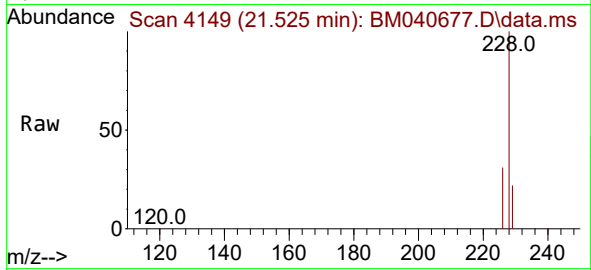
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.6	15.8	23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#24

Benzo(b)fluoranthene

Concen: 16.380 ng/ul

RT: 23.162 min Scan# 4709

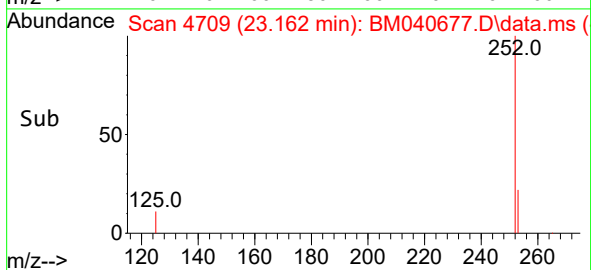
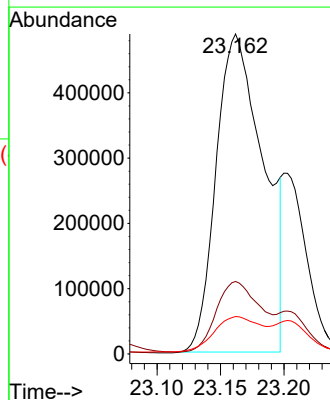
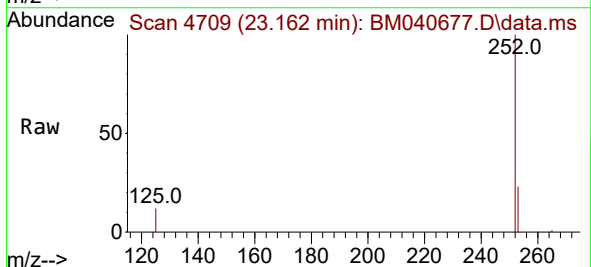
Delta R.T. -0.006 min

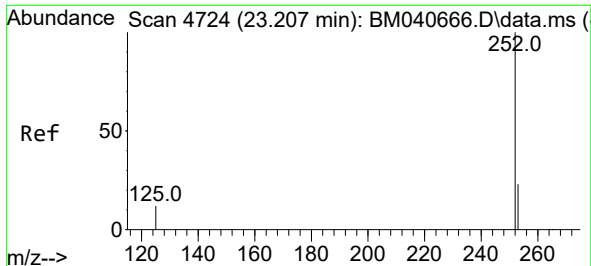
Lab File: BM040677.D

Acq: 06 Jul 2023 15:08

Tgt Ion:252 Resp: 1260285

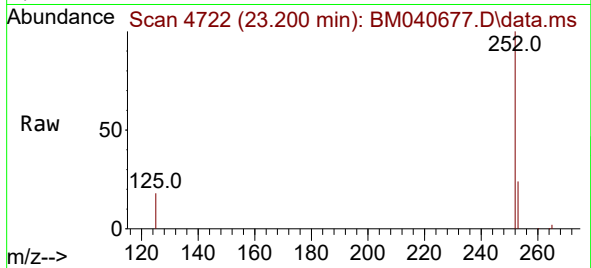
Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.8
125	11.7	0.0	43.0





#25
Benzo(k)fluoranthene
Concen: 4.879 ng/ul m
RT: 23.200 min Scan# 4724
Delta R.T. -0.012 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

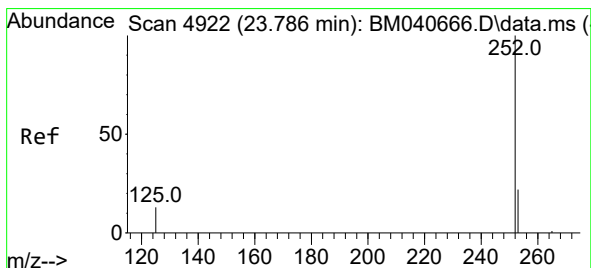
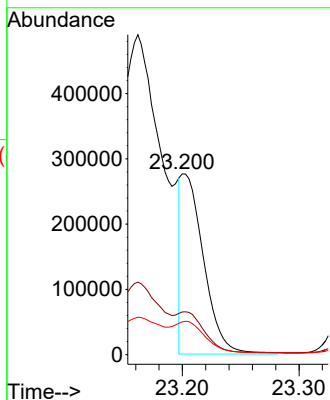
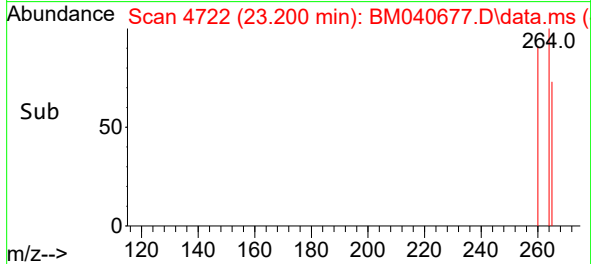
Instrument :
BNA_M
ClientSampleId :
DCGN7



Tgt Ion:252 Resp: 36997
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 18.1 16.4 24.6

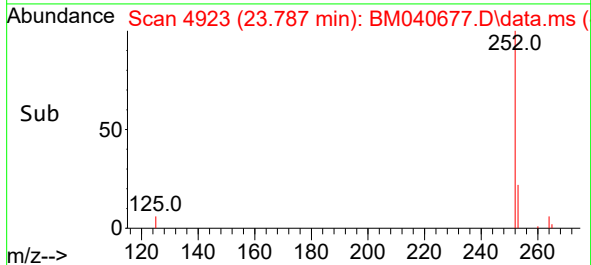
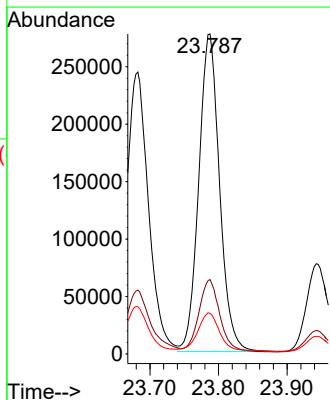
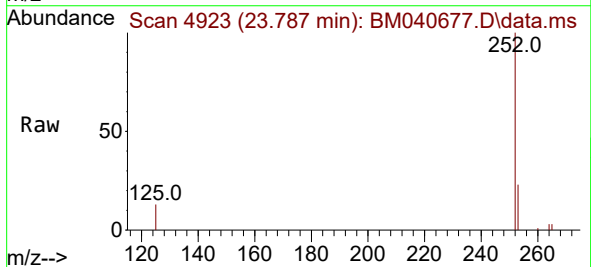
Manual Integrations
APPROVED

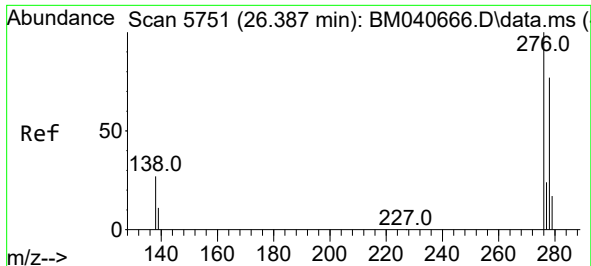
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#26
Benzo(a)pyrene
Concen: 8.408 ng/ul
RT: 23.787 min Scan# 4923
Delta R.T. -0.006 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

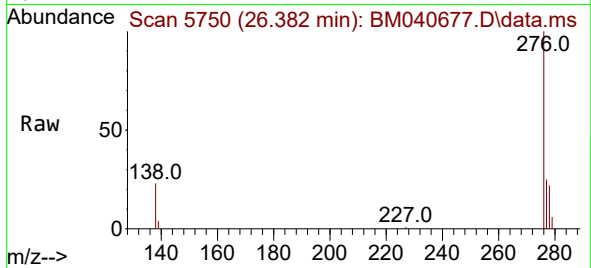
Tgt Ion:252 Resp: 582725
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 12.7 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.582 ng/ul
RT: 26.382 min Scan# 5750
Delta R.T. -0.007 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

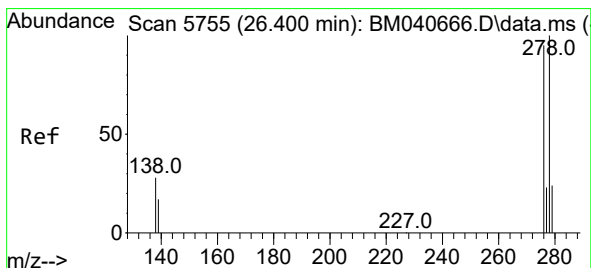
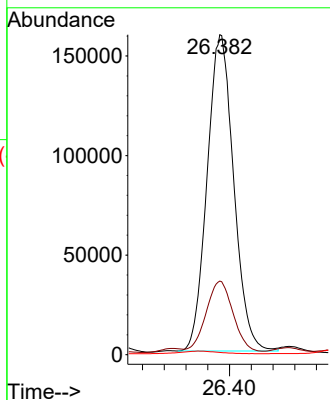
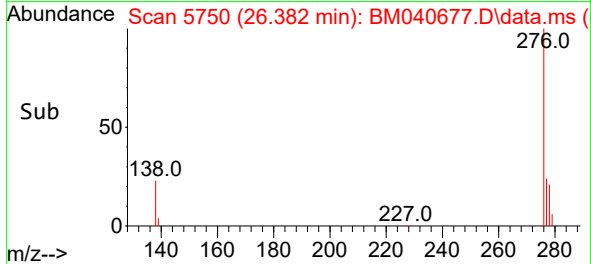
Instrument :
BNA_M
ClientSampleId :
DCGN7



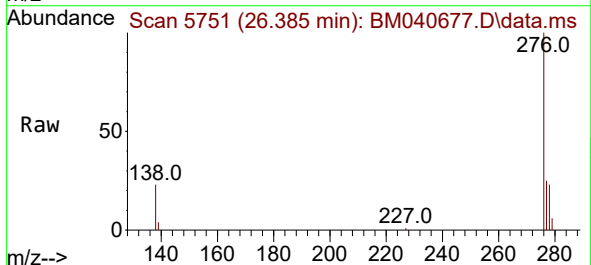
Tgt Ion:276 Resp: 538784
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

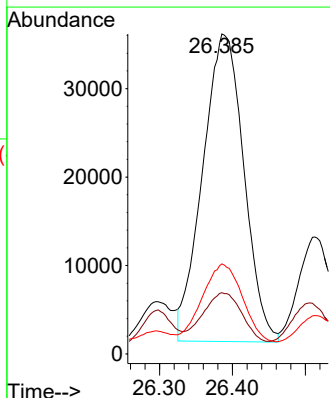
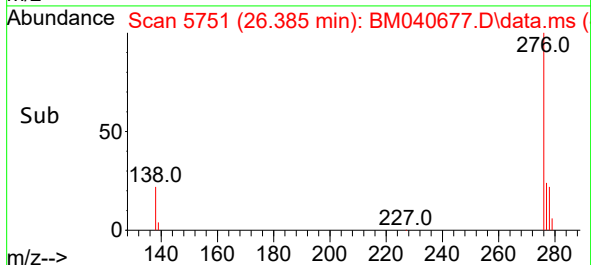
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

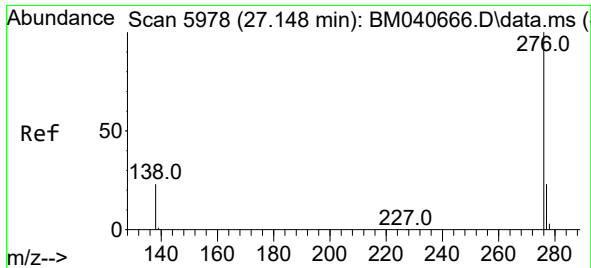


#28
Dibenzo(a,h)anthracene
Concen: 1.806 ng/ul
RT: 26.385 min Scan# 5751
Delta R.T. -0.023 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08



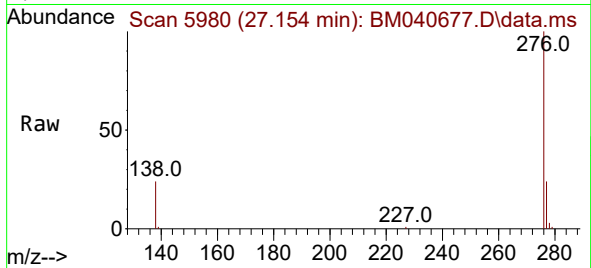
Tgt Ion:278 Resp: 136509
Ion Ratio Lower Upper
278 100
139 19.2 17.9 26.9
279 28.1 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 4.492 ng/ul
RT: 27.154 min Scan# 5980
Delta R.T. -0.010 min
Lab File: BM040677.D
Acq: 06 Jul 2023 15:08

Instrument :
BNA_M
ClientSampleId :
DCGN7



Tgt Ion:276 Resp: 380020
Ion Ratio Lower Upper
276 100
138 23.9 23.0 34.6
277 24.1 20.3 30.5

Manual Integrations
APPROVED

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

