

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040658.D
 Acq On : 06 Jul 2023 02:36
 Operator : MA/JU
 Sample : 03248-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN0

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 04:22:01 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	7080	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	25388	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	12754	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	23655	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	15297	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	17181	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	39100	3.516	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	8832	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	14579	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.760	128	3325	0.047	ng/ul#	83
7) 2-Methylnaphthalene	12.377	142	1929	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.597	142	1322	0.032	ng/ul	99
10) Acenaphthylene	14.270	152	3256	0.057	ng/ul#	80
15) Phenanthrene	17.339	178	19082	0.260	ng/ul	98
16) Anthracene	17.432	178	3992	0.065	ng/ul#	86
19) Fluoranthene	19.355	202	46282	0.712	ng/ul#	88
20) Pyrene	19.722	202	44699	0.642	ng/ul#	93
21) Benzo(a)anthracene	21.470	228	20717	0.400	ng/ul	94
22) Chrysene	21.522	228	27155m	0.460	ng/ul	
24) Benzo(b)fluoranthene	23.156	252	51557	0.775	ng/ul	95
25) Benzo(k)fluoranthene	23.200	252	16267m	0.248	ng/ul	
26) Benzo(a)pyrene	23.782	252	28261	0.472	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.379	276	30699	0.368	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.385	278	7204	0.110	ng/ul#	55
29) Benzo(g,h,i)perylene	27.150	276	26864	0.367	ng/ul#	87

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

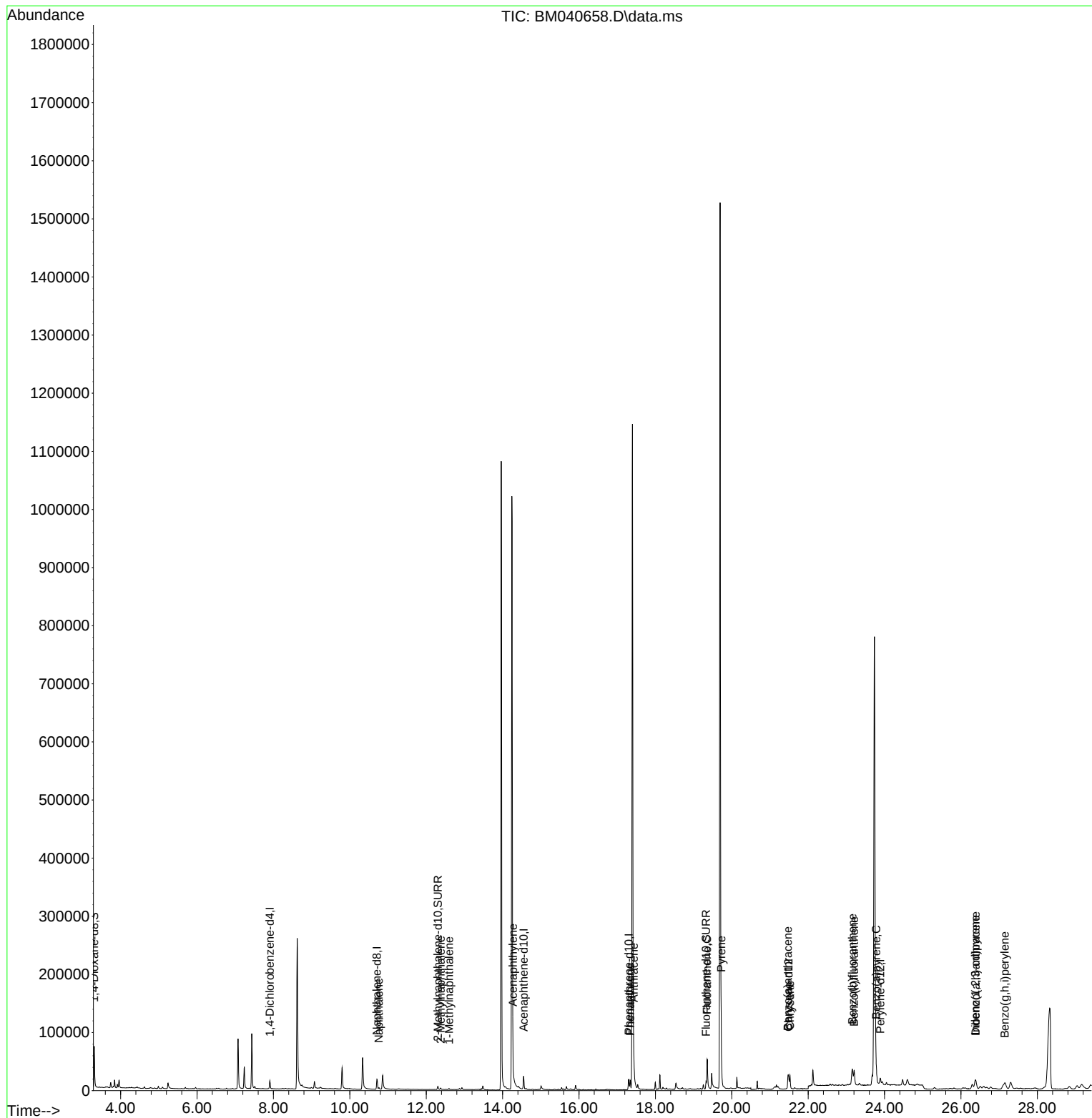
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040658.D
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ALS Vial : 27 Sample Multiplier: 1

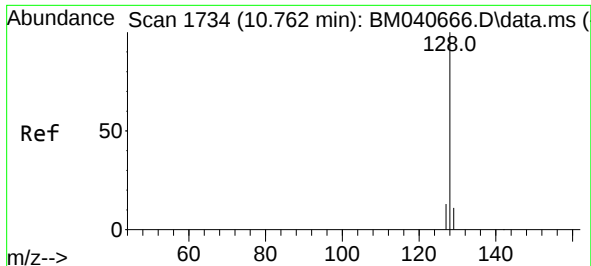
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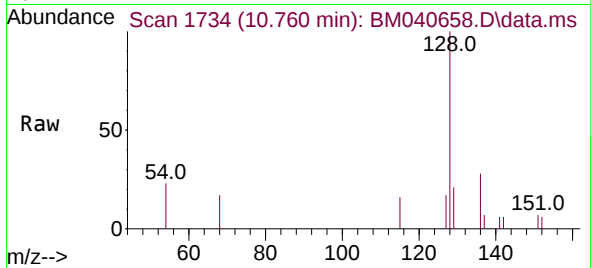
Quant Time: Jul 06 04:22:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.760 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

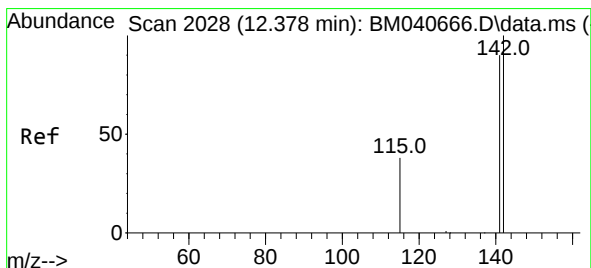
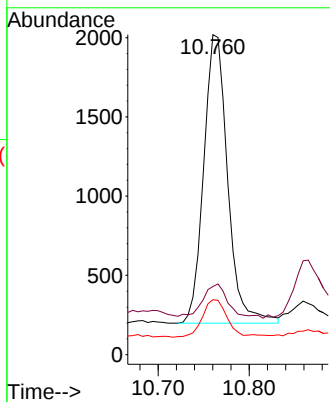
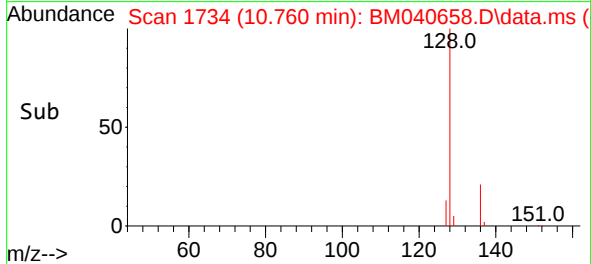
Instrument :
BNA_M
ClientSampleId :
DCGN0



Tgt Ion:128 Resp: 3329
Ion Ratio Lower Upper
128 100
129 21.3 9.2 13.8
127 17.2 10.6 15.8

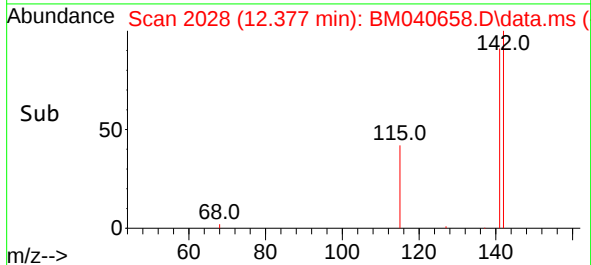
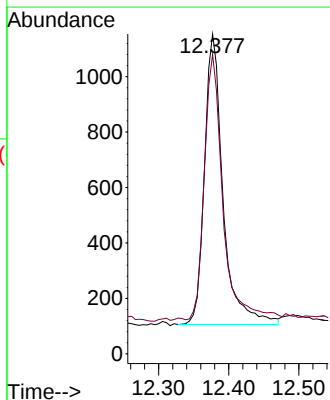
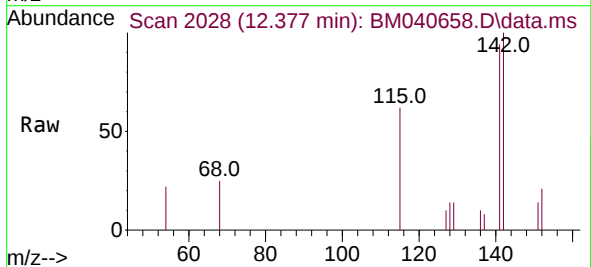
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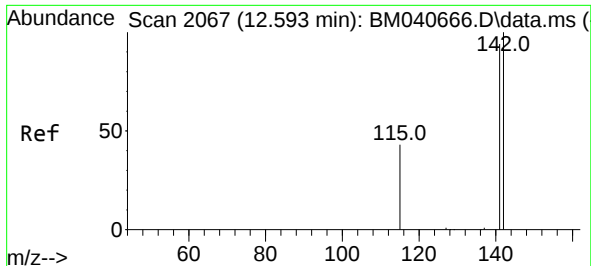
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.377 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

Tgt Ion:142 Resp: 1929
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9





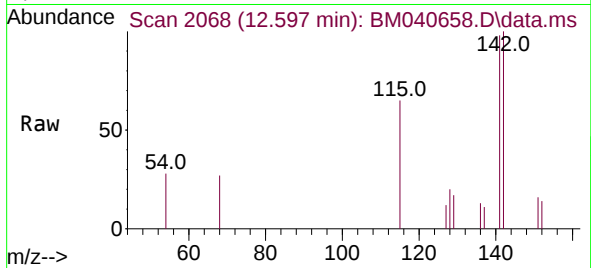
#8
1-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.597 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

Instrument :

BNA_M

ClientSampleId :

DCGN0

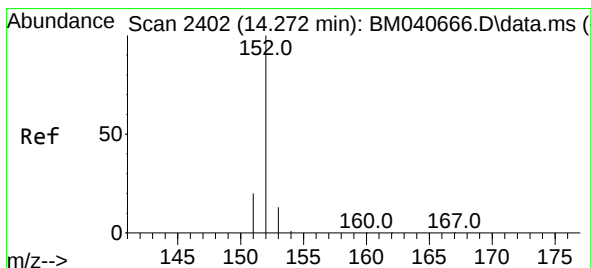
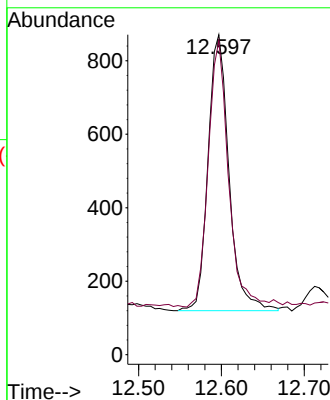
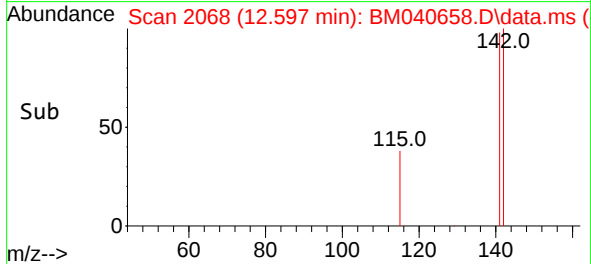


Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
142 100
141 93.3 73.7 110.5

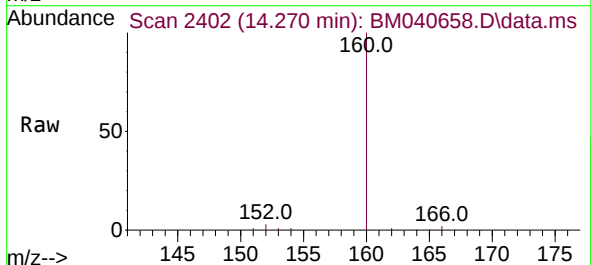
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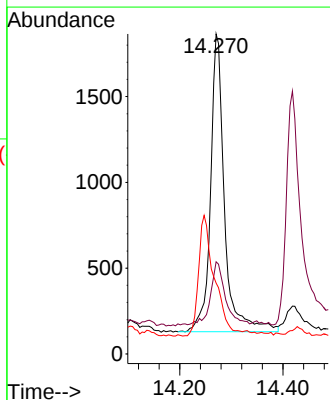
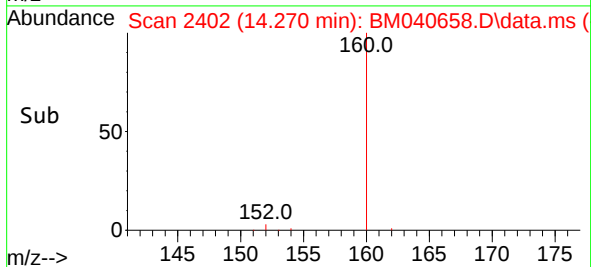
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Supervised By :Sohil Jodhani 07/06/2023

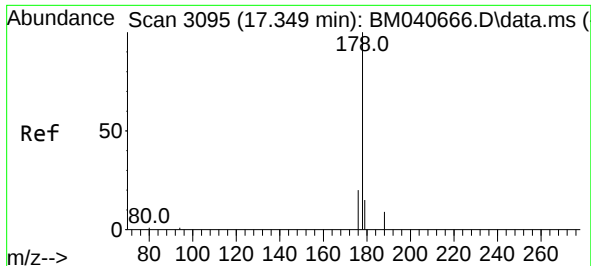


#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.270 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36



Tgt Ion:152 Resp: 3256
Ion Ratio Lower Upper
152 100
151 28.8 16.2 24.2#
153 22.1 10.9 16.3#





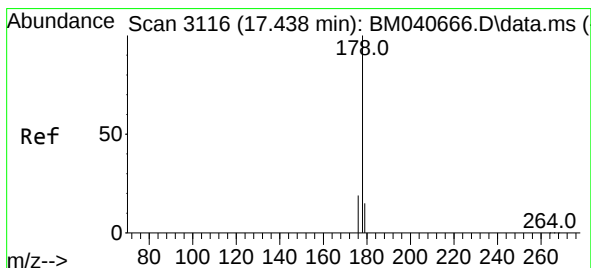
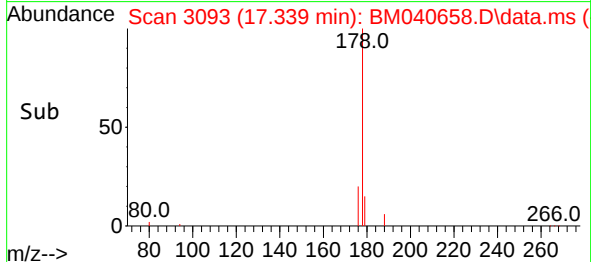
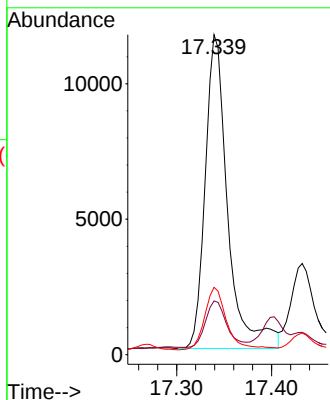
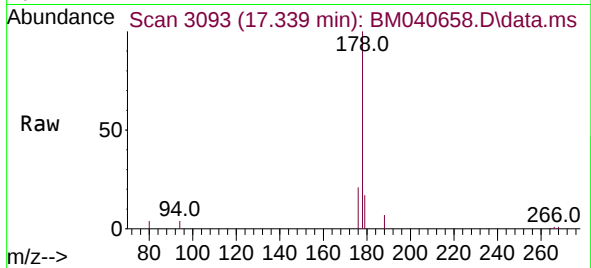
#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.339 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

Instrument :
BNA_M
ClientSampleId :
DCGN0

Tgt Ion:178 Resp: 1908
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 21.1 16.4 24.6

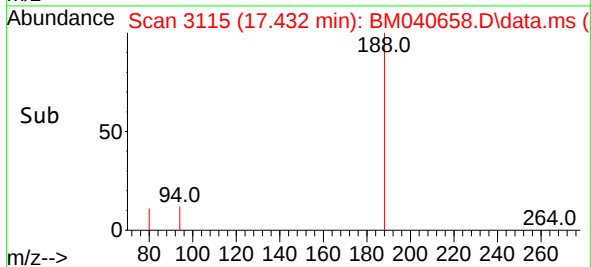
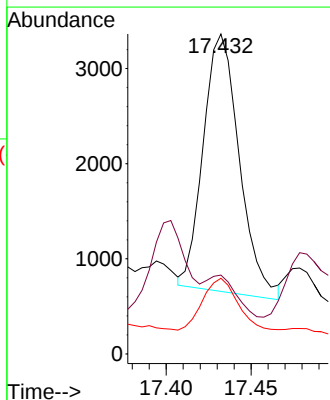
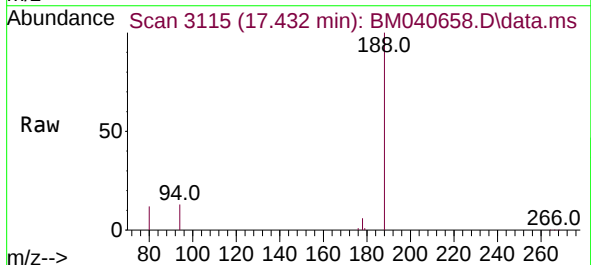
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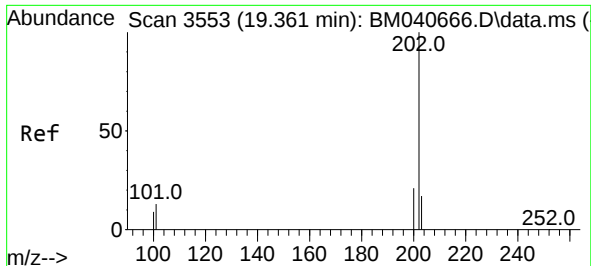
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#16
Anthracene
Concen: 0.065 ng/ul
RT: 17.432 min Scan# 3115
Delta R.T. -0.013 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

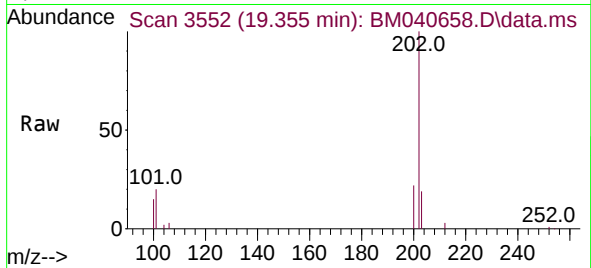
Tgt Ion:178 Resp: 3992
Ion Ratio Lower Upper
178 100
179 24.7 12.9 19.3#
176 23.7 15.8 23.6#





#19
Fluoranthene
Concen: 0.712 ng/ul
RT: 19.355 min Scan# 3552
Delta R.T. -0.014 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

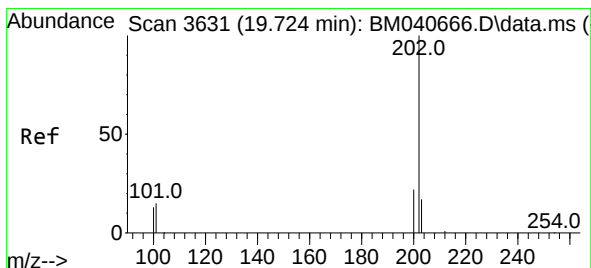
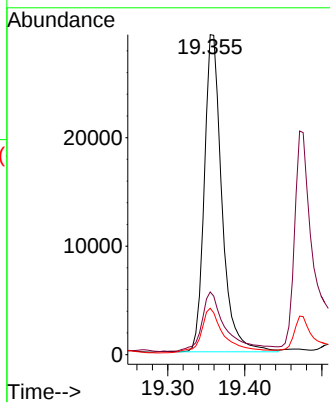
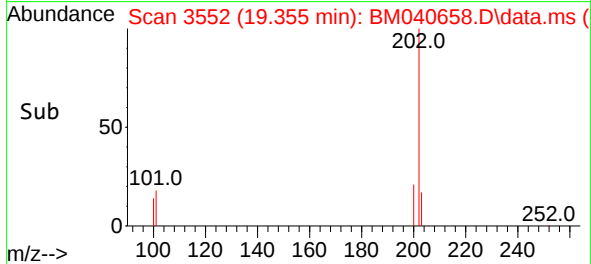
Instrument :
BNA_M
ClientSampleId :
DCGN0



Tgt Ion:202 Resp: 4628
Ion Ratio Lower Upper
202 100
101 19.6 11.4 17.0
100 14.5 8.7 13.1

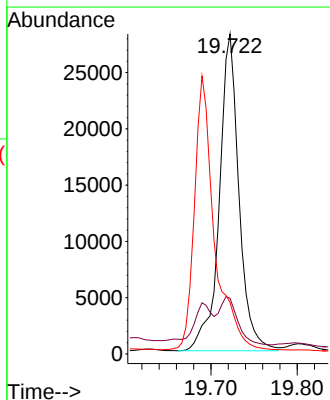
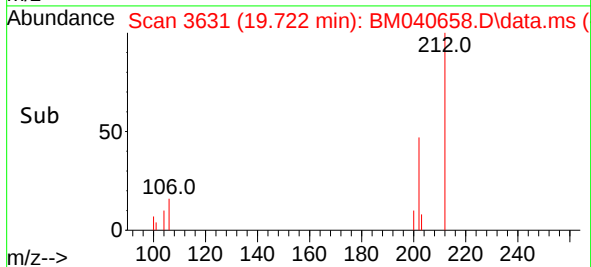
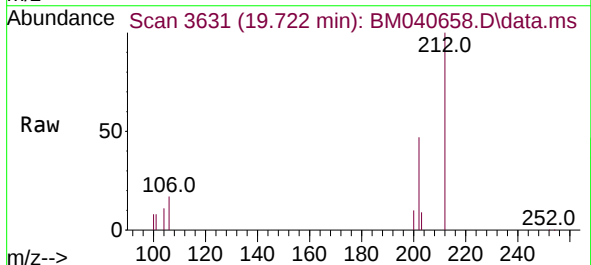
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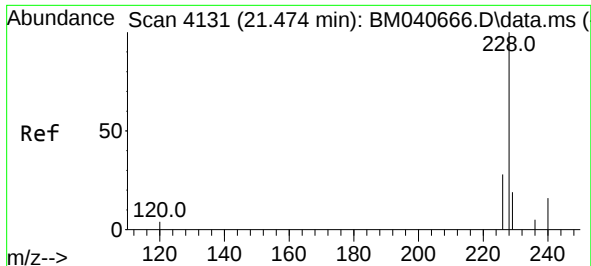
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 0.642 ng/ul
RT: 19.722 min Scan# 3631
Delta R.T. -0.009 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

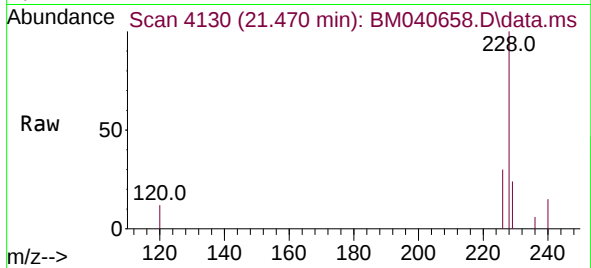
Tgt Ion:202 Resp: 44699
Ion Ratio Lower Upper
202 100
101 17.4 12.6 18.8
100 16.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.470 min Scan# 4131
Delta R.T. -0.009 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

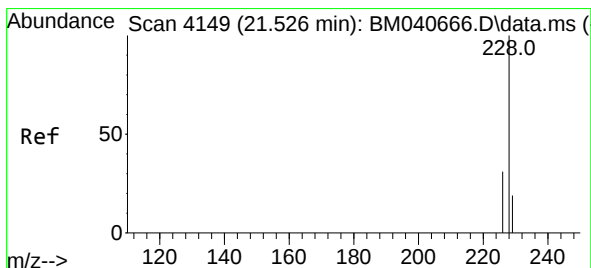
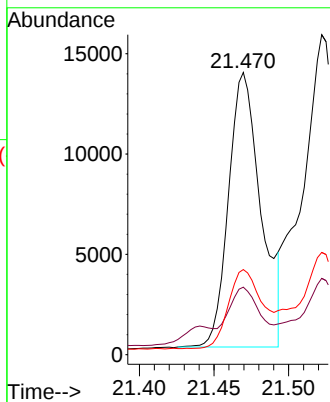
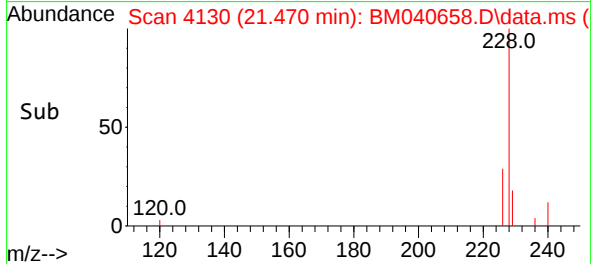
Instrument :
BNA_M
ClientSampleId :
DCGN0



Tgt Ion:228 Resp: 2071
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 30.1 22.3 33.5

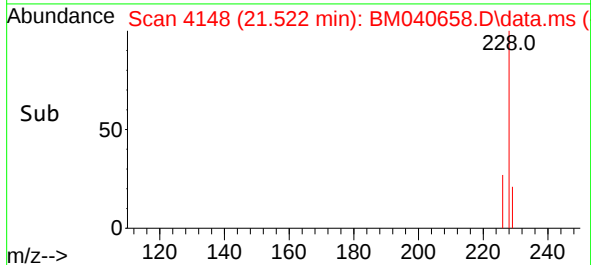
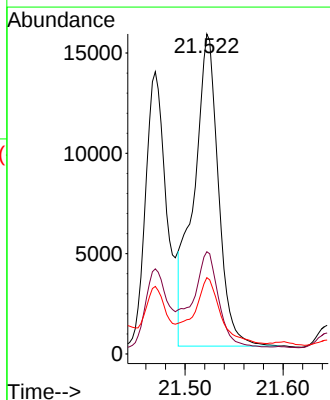
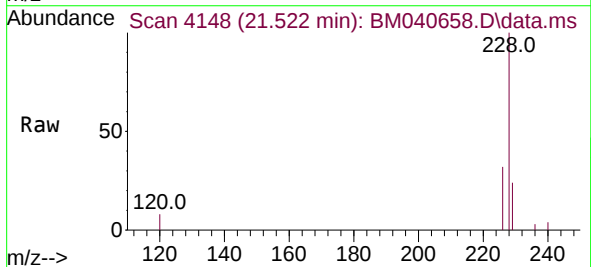
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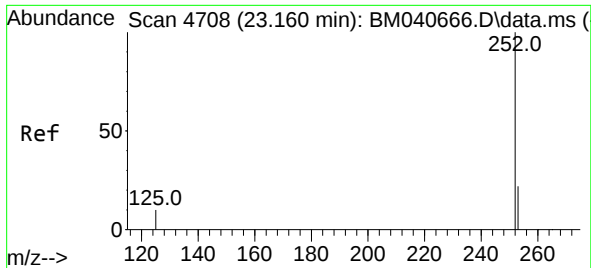
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 0.460 ng/ul m
RT: 21.522 min Scan# 4148
Delta R.T. -0.009 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

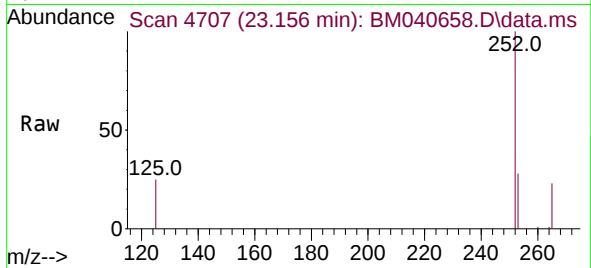
Tgt Ion:228 Resp: 27155
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 23.8 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul
RT: 23.156 min Scan# 4707
Delta R.T. -0.012 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

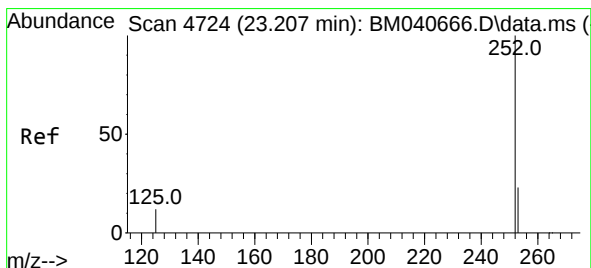
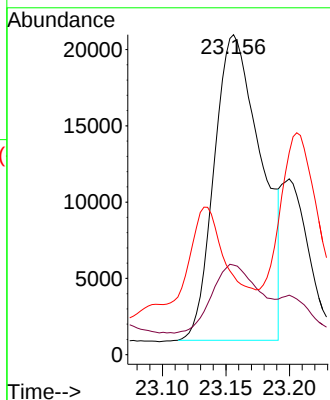
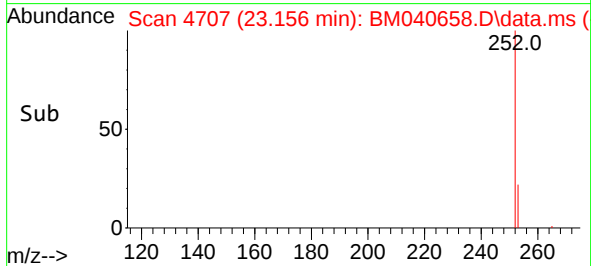
Instrument :
BNA_M
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DCGN0



Tgt Ion:252 Resp: 5155
Ion Ratio Lower Upper
252 100
253 28.0 0.0 52.8
125 24.7 0.0 43.0

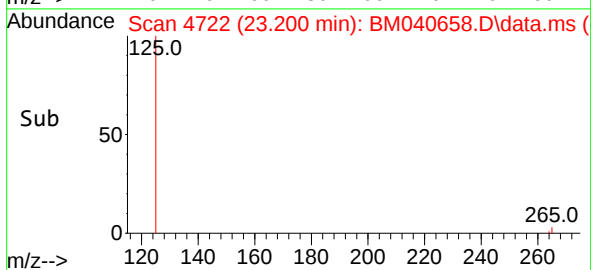
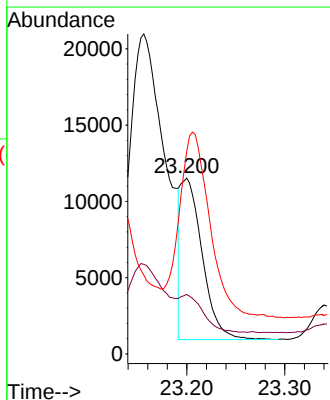
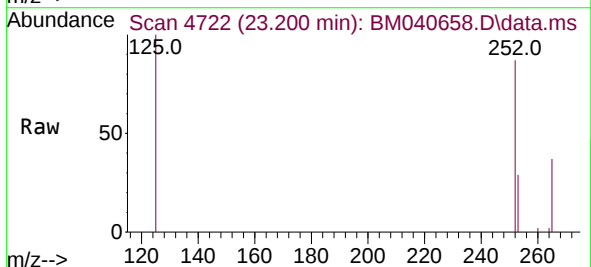
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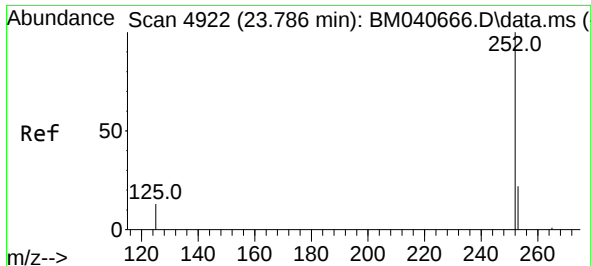
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 23.200 min Scan# 4722
Delta R.T. -0.012 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

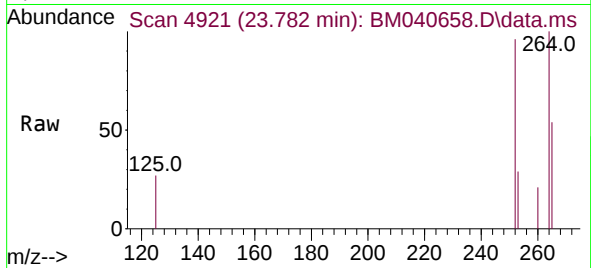
Tgt Ion:252 Resp: 16267
Ion Ratio Lower Upper
252 100
253 33.9 21.2 31.8#
125 115.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.782 min Scan# 4921
Delta R.T. -0.012 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

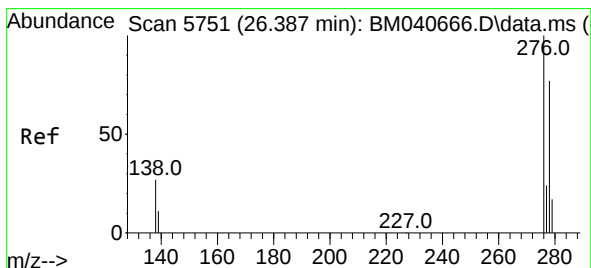
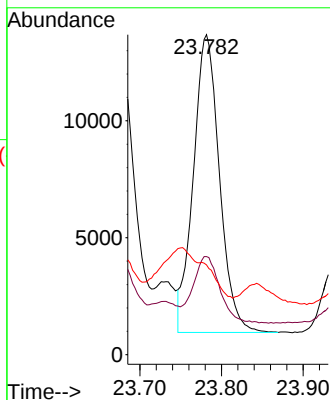
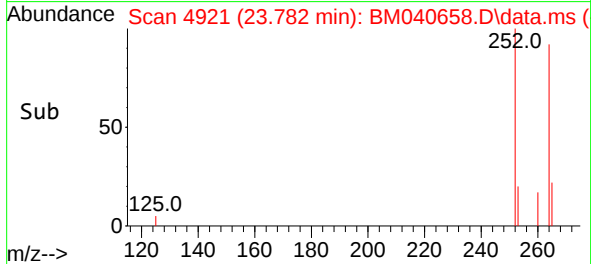
Instrument :
BNA_M
ClientSampleId :
DCGN0



Tgt Ion:252 Resp: 2826
Ion Ratio Lower Upper
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253 30.6 22.9 34.3
125 28.0 21.0 31.4

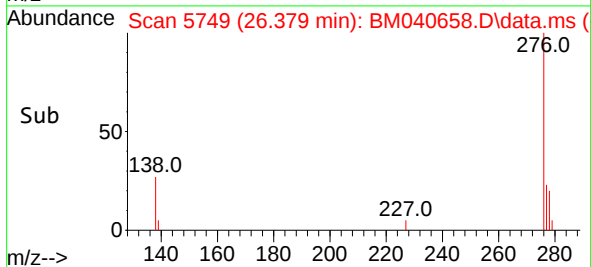
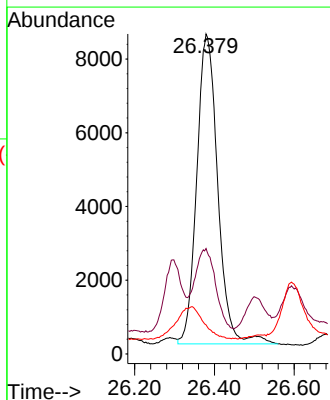
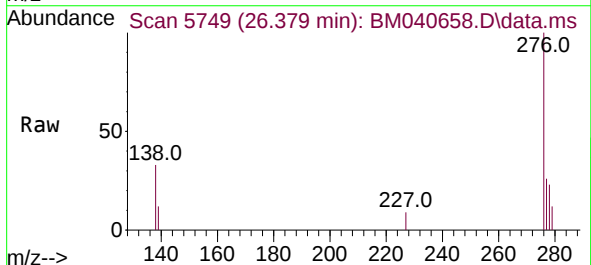
Manual Integrations
APPROVED

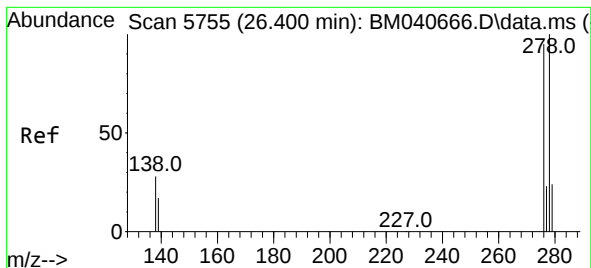
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.379 min Scan# 5749
Delta R.T. -0.010 min
Lab File: BM040658.D
Acq: 06 Jul 2023 02:36

Tgt Ion:276 Resp: 30699
Ion Ratio Lower Upper
276 100
138 24.6 24.5 36.7
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.110 ng/ul

RT: 26.385 min Scan# 5755

Delta R.T. -0.023 min

Lab File: BM040658.D

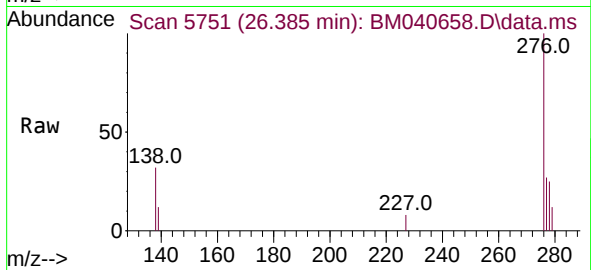
Acq: 06 Jul 2023 02:36

Instrument :

BNA_M

ClientSampleId :

DCGN0



Tgt Ion:278 Resp: 7204

Ion Ratio Lower Upper

278 100

139 48.2 17.9 26.9

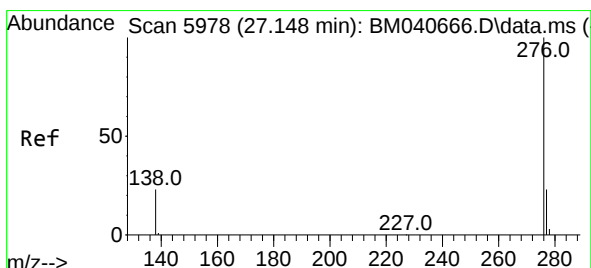
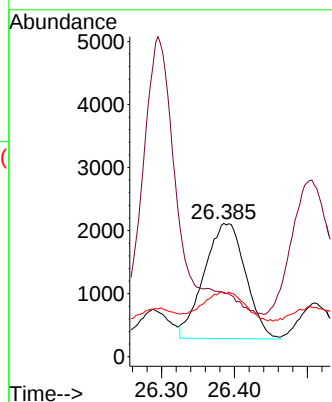
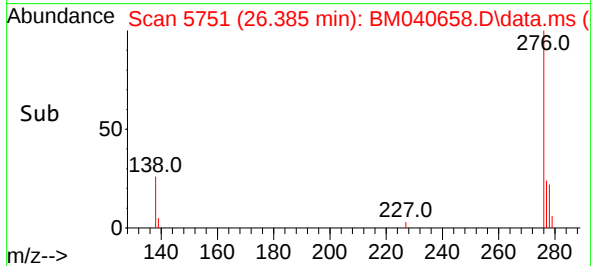
279 47.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#29

Benzo(g,h,i)perylene

Concen: 0.367 ng/ul

RT: 27.150 min Scan# 5979

Delta R.T. -0.013 min

Lab File: BM040658.D

Acq: 06 Jul 2023 02:36

Tgt Ion:276 Resp: 26864

Ion Ratio Lower Upper

276 100

138 41.3 23.0 34.6

277 26.4 20.3 30.5

