

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040536.D
 Acq On : 02 Jul 2023 12:33
 Operator : MA/JU
 Sample : 03243-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGC5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:10:57 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	8118	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	27815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	15505	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	30143	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	17335	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	18037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	33782	2.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	7762	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	12058	0.217	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	4041	0.053	ng/ul#	85
7) 2-Methylnaphthalene	12.400	142	2093	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	1481	0.033	ng/ul	97
10) Acenaphthylene	14.295	152	3543	0.051	ng/ul#	85
15) Phenanthrene	17.362	178	23336	0.249	ng/ul	99
16) Anthracene	17.454	178	3068	0.039	ng/ul#	85
19) Fluoranthene	19.375	202	56807	0.771	ng/ul	100
20) Pyrene	19.742	202	44082	0.558	ng/ul	99
21) Benzo(a)anthracene	21.485	228	23246	0.396	ng/ul#	93
22) Chrysene	21.541	228	30668	0.459	ng/ul#	95
24) Benzo(b)fluoranthene	23.181	252	44989	0.645	ng/ul	93
25) Benzo(k)fluoranthene	23.221	252	13613m	0.198	ng/ul	
26) Benzo(a)pyrene	23.806	252	26754	0.425	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.417	276	27842	0.318	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.427	278	6498	0.095	ng/ul#	44
29) Benzo(g,h,i)perylene	27.192	276	24409	0.318	ng/ul	94

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

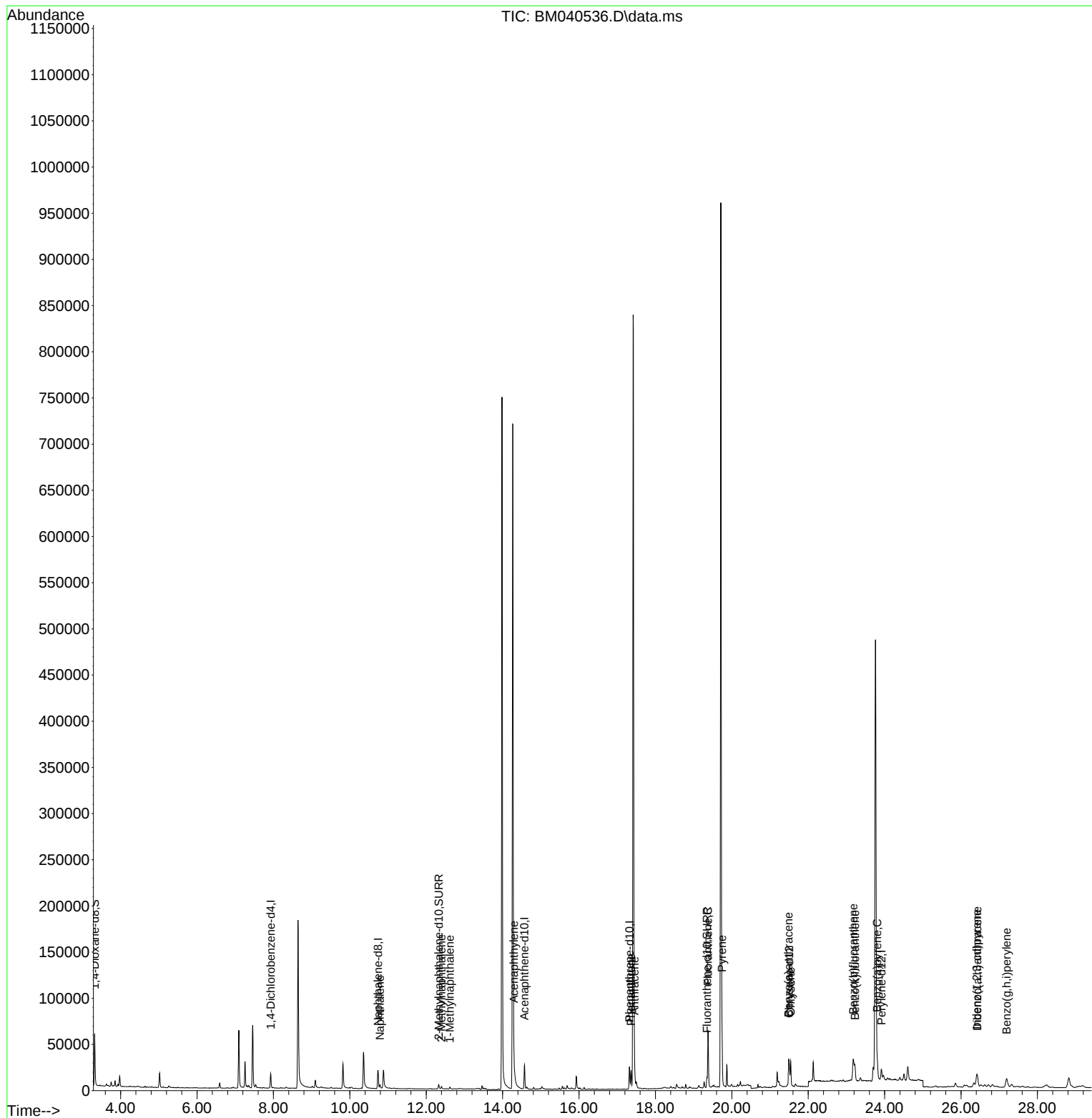
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040536.D
Acq On : 02 Jul 2023 12:33
Operator : MA/JU
Sample : 03243-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

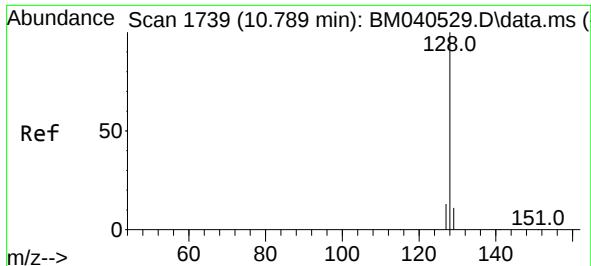
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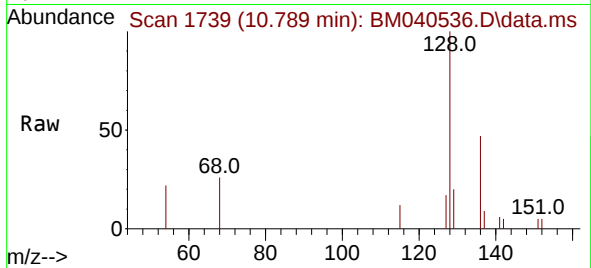
Quant Time: Jul 03 02:10:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

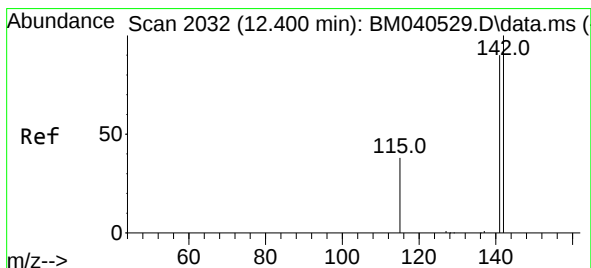
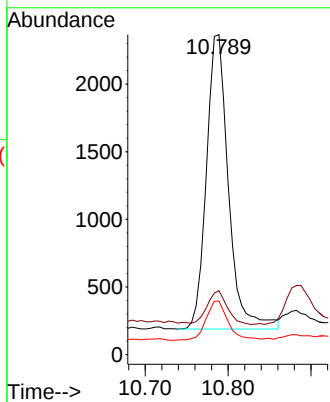
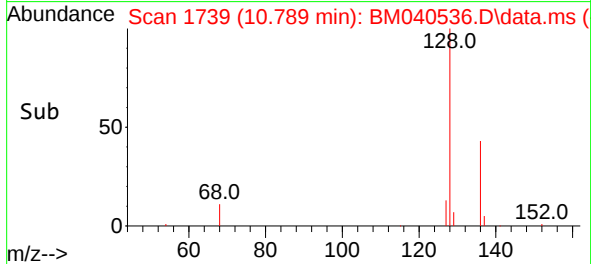
Instrument :
BNA_M
ClientSampleId :
DCGC5



Tgt Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
129 20.0 9.2 13.8
127 16.7 10.6 15.8

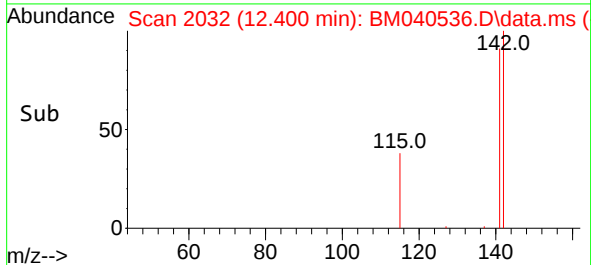
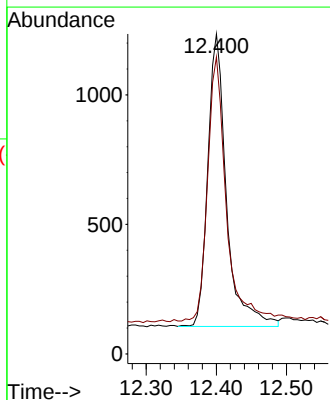
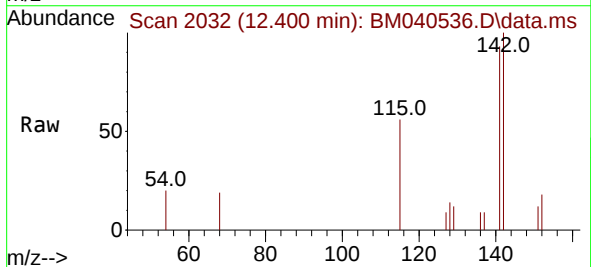
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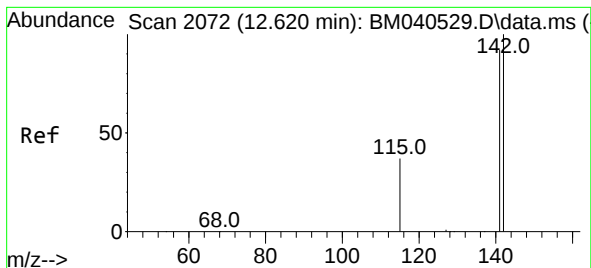
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

Tgt Ion:142 Resp: 2093
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BM040536.D

Acq: 02 Jul 2023 12:33

Instrument :

BNA_M

ClientSampleId :

DCGC5

Tgt Ion:142 Resp: 148

Ion Ratio Lower Upper

142 100

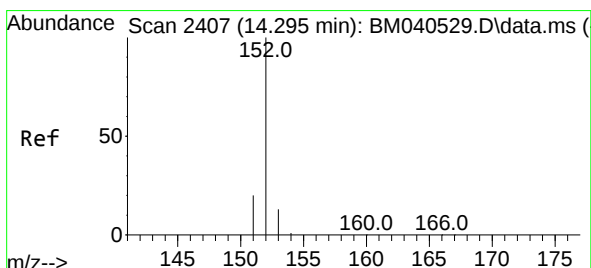
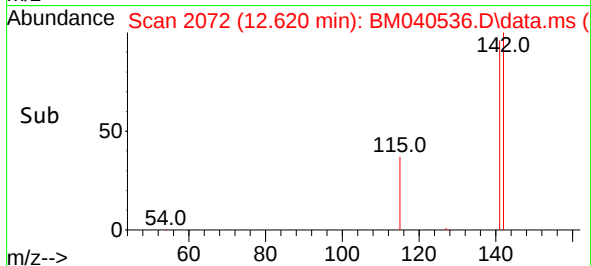
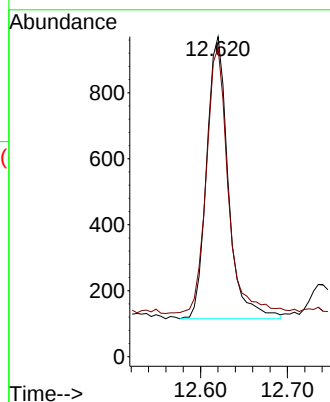
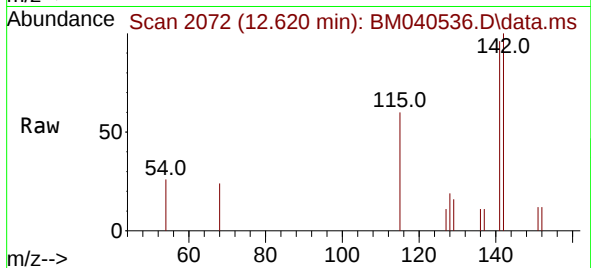
141 95.0 73.7 110.5

Manual Integrations

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#10

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BM040536.D

Acq: 02 Jul 2023 12:33

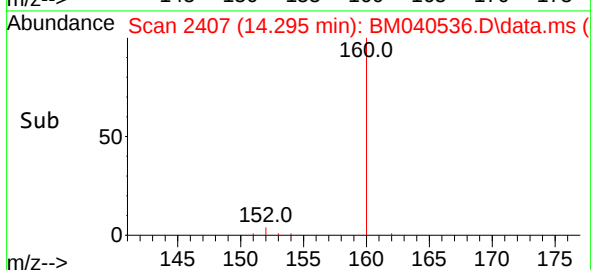
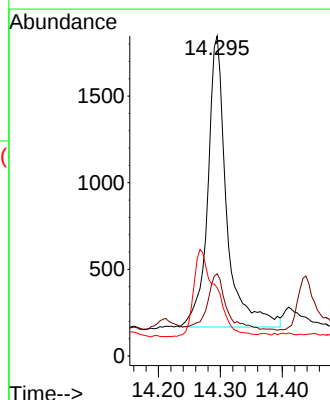
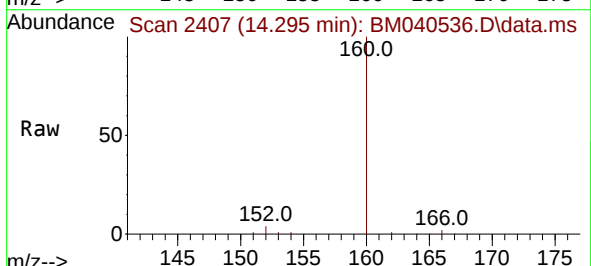
Tgt Ion:152 Resp: 3543

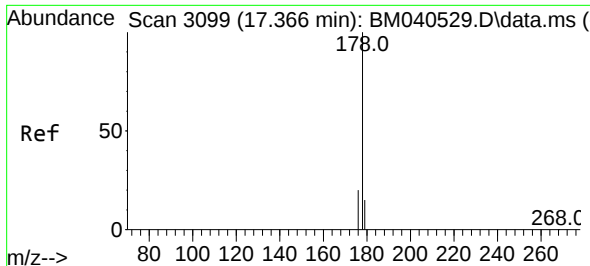
Ion Ratio Lower Upper

152 100

151 25.7 16.2 24.2#

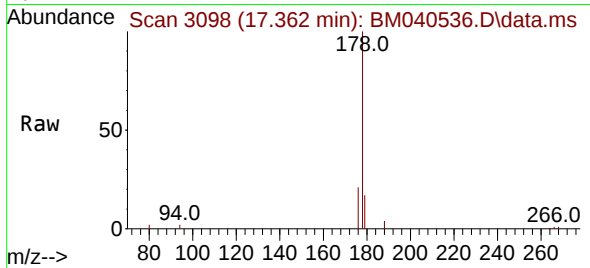
153 21.4 10.9 16.3#





#15
Phenanthrene
Concen: 0.249 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

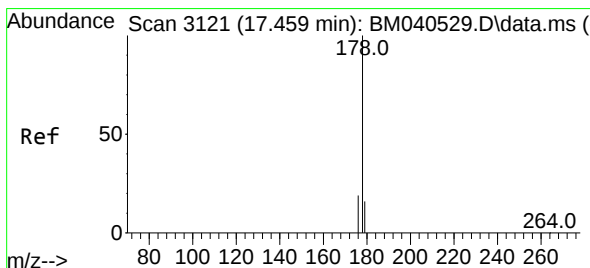
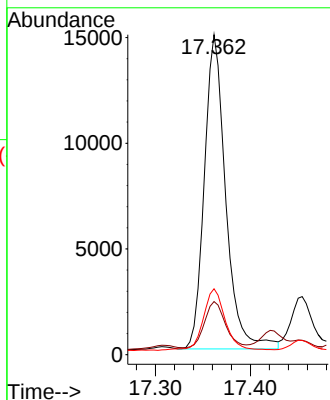
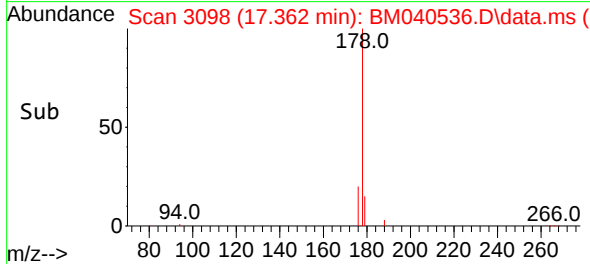
Instrument :
BNA_M
ClientSampleId :
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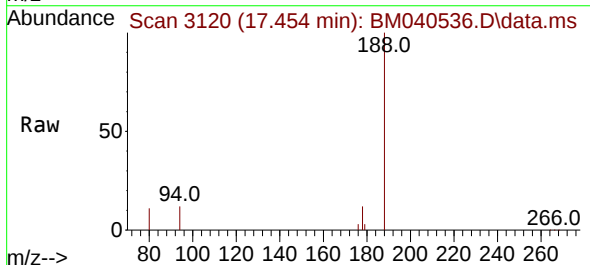
Tgt Ion:178 Resp: 23330
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.6 16.4 24.6

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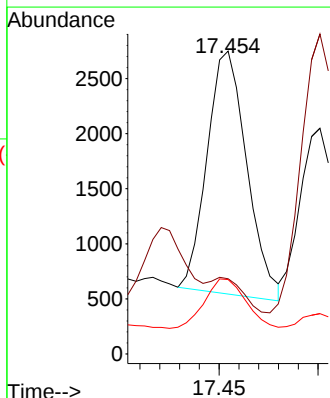
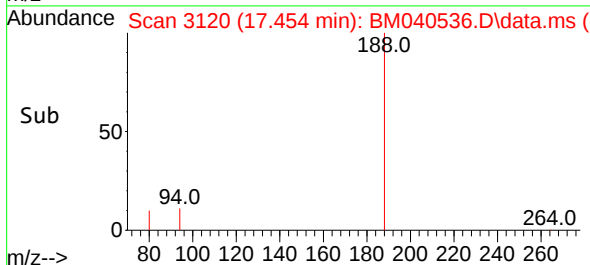
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

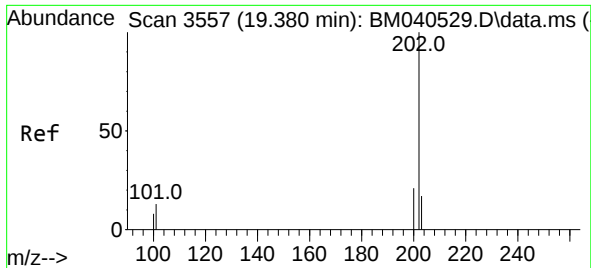


#16
Anthracene
Concen: 0.039 ng/ul
RT: 17.454 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33



Tgt Ion:178 Resp: 3068
Ion Ratio Lower Upper
178 100
179 24.8 12.9 19.3#
176 24.5 15.8 23.6#





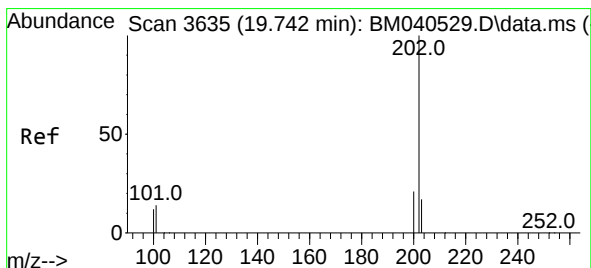
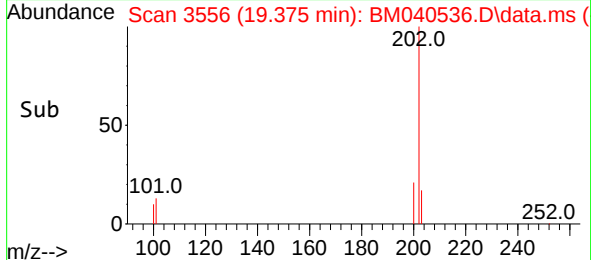
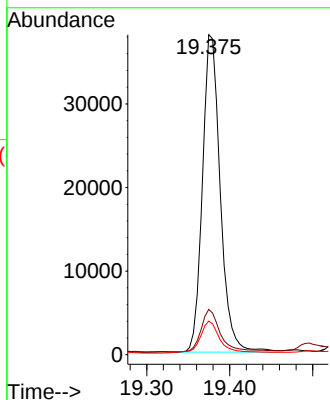
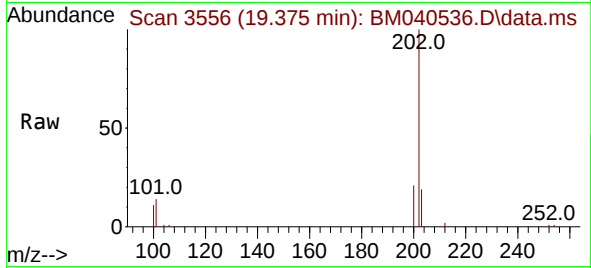
#19
Fluoranthene
Concen: 0.771 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

Instrument :
BNA_M
ClientSampleId :
DCGC5

Tgt Ion:202 Resp: 5680
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 10.5 8.7 13.1

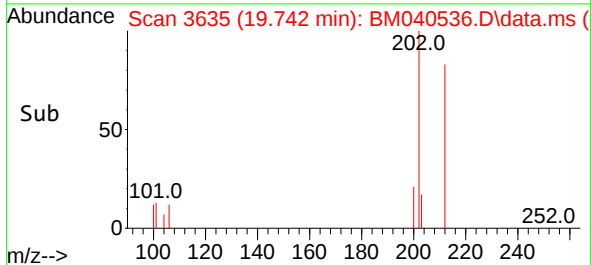
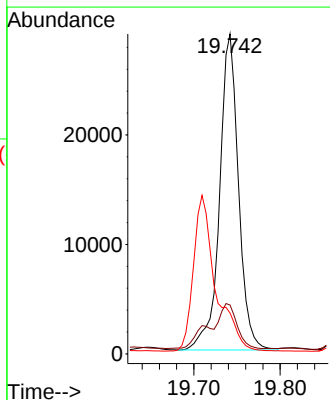
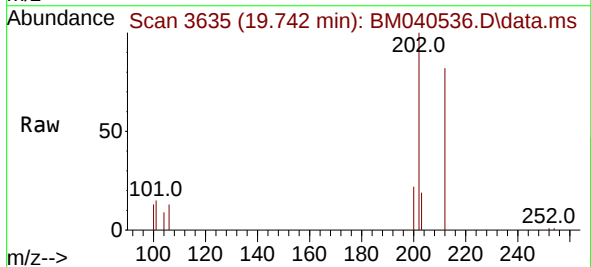
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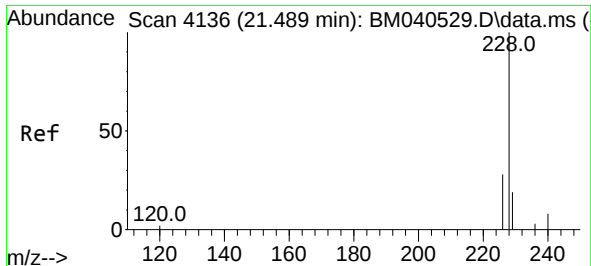
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 0.558 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

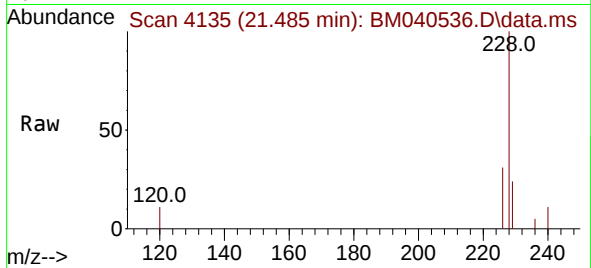
Tgt Ion:202 Resp: 44082
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.485 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

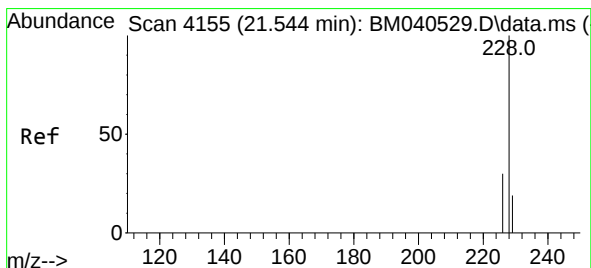
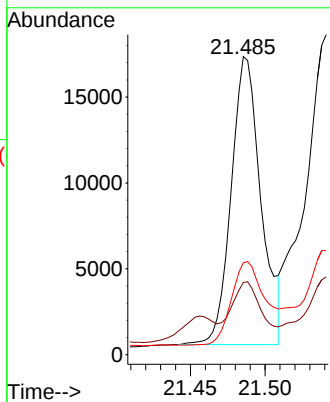
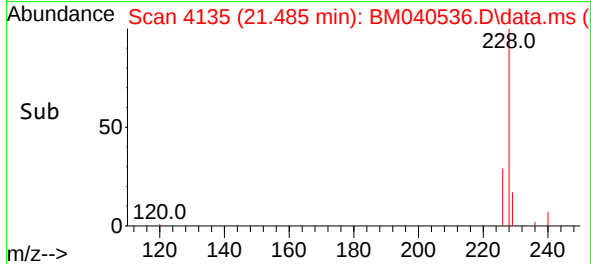
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DCGC5



Tgt Ion:228 Resp: 23240
Ion Ratio Lower Upper
228 100
229 24.2 16.0 24.0
226 30.8 22.3 33.5

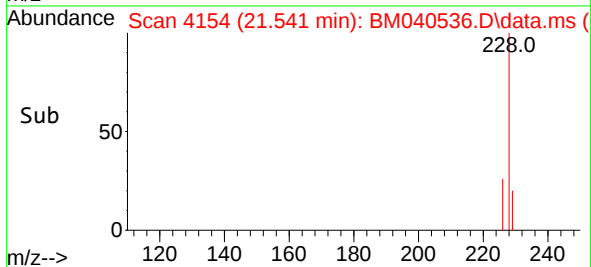
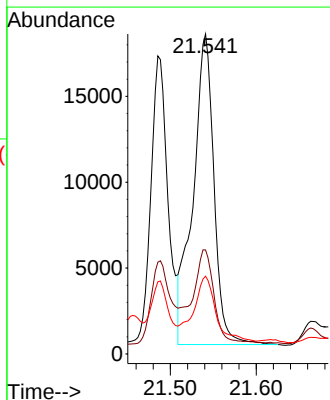
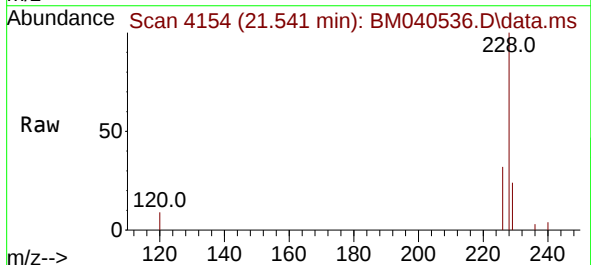
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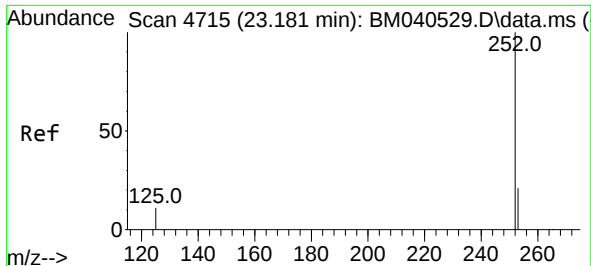
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

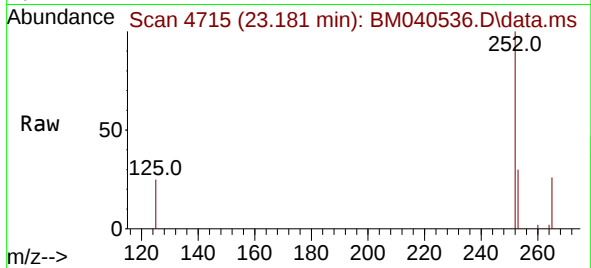
Tgt Ion:228 Resp: 30668
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 24.3 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.645 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. -0.000 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

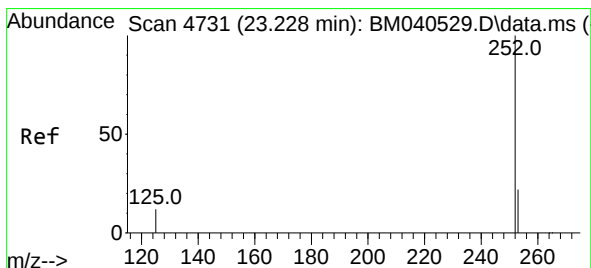
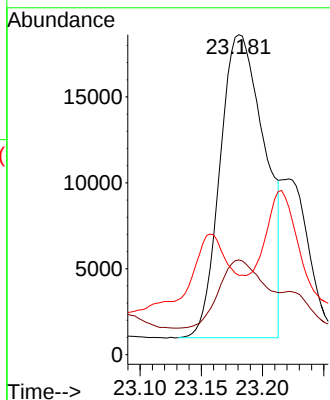
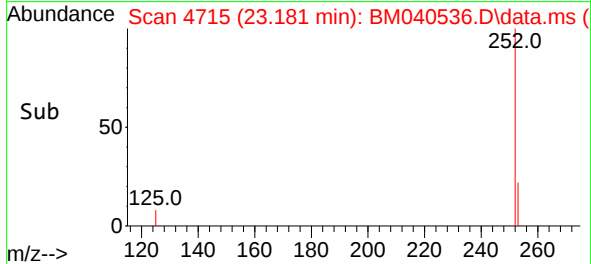
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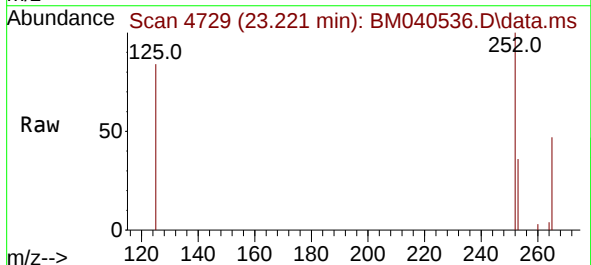
Tgt Ion:252 Resp: 44989
Ion Ratio Lower Upper
252 100
253 29.6 0.0 52.8
125 24.8 0.0 43.0

Manual Integrations
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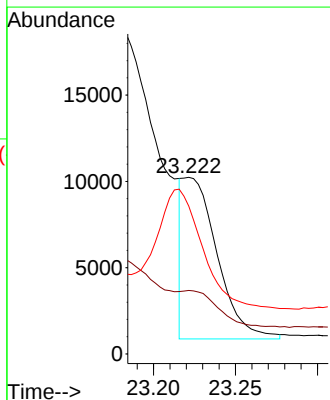
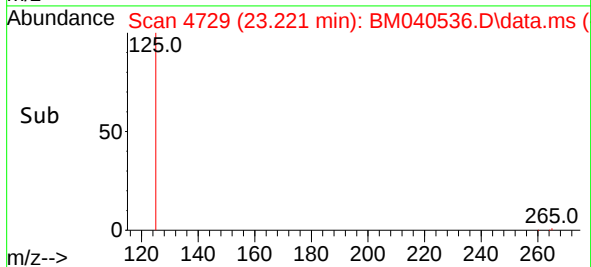
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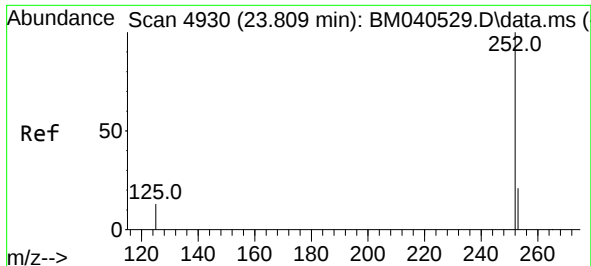


#25
Benzo(k)fluoranthene
Concen: 0.198 ng/ul m
RT: 23.221 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33



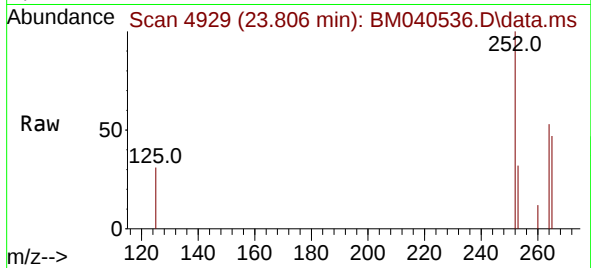
Tgt Ion:252 Resp: 13613
Ion Ratio Lower Upper
252 100
253 36.0 21.2 31.8#
125 83.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.806 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

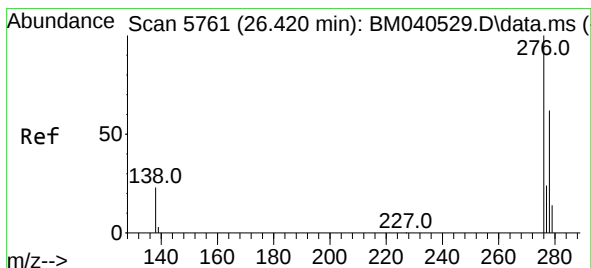
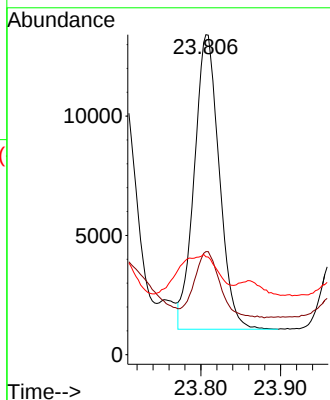
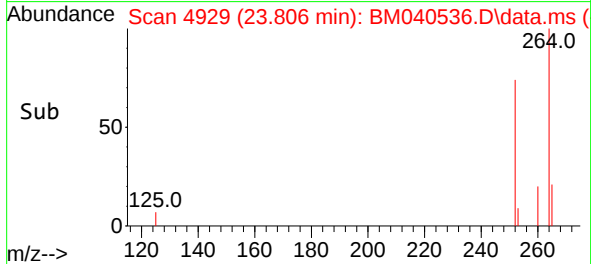
Instrument :
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DCGC5



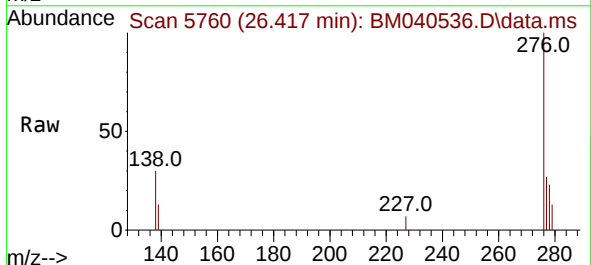
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Ion Ratio Lower Upper
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125 30.6 21.0 31.4

Manual Integrations
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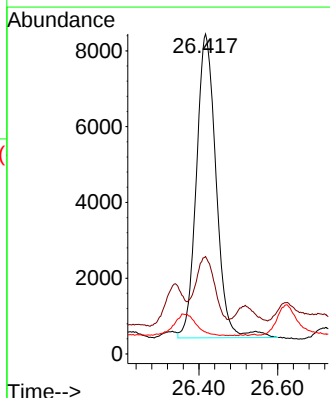
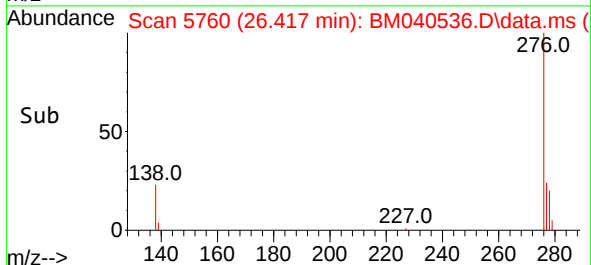
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

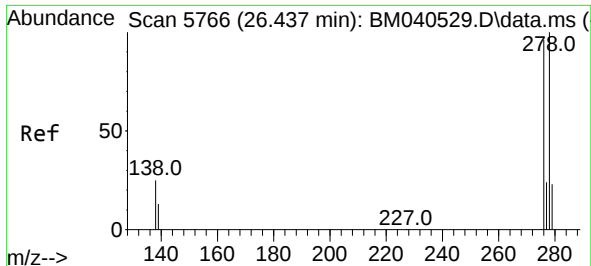


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33



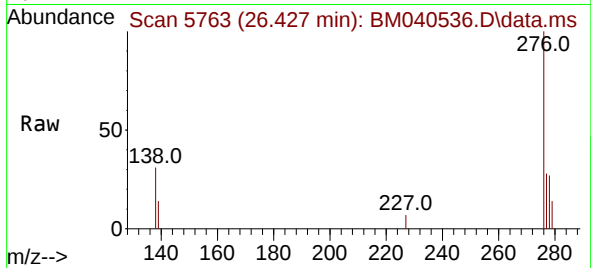
Tgt Ion:276 Resp: 27842
Ion Ratio Lower Upper
276 100
138 21.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33

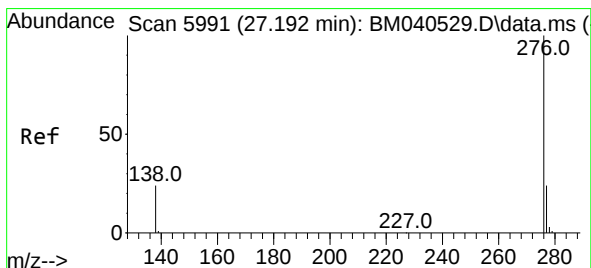
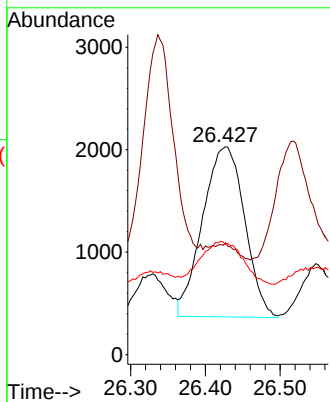
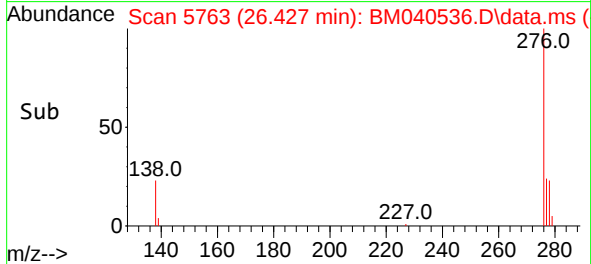
Instrument :
BNA_M
ClientSampleId :
DCGC5



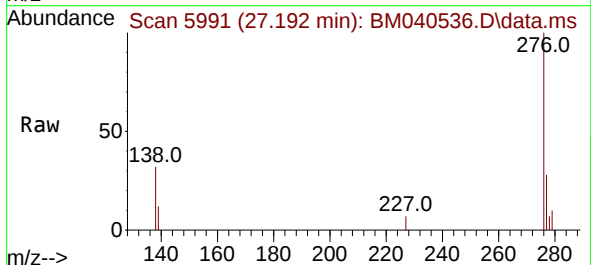
Tgt Ion:278 Resp: 6498
Ion Ratio Lower Upper
278 100
139 53.7 17.9 26.9
279 53.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040536.D
Acq: 02 Jul 2023 12:33



Tgt Ion:276 Resp: 24409
Ion Ratio Lower Upper
276 100
138 32.3 23.0 34.6
277 27.8 20.3 30.5

