

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040642.D
 Acq On : 05 Jul 2023 15:49
 Operator : MA/JU
 Sample : 03245-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG4DL

Quant Time: Jul 05 16:25:53 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

Manual Integrations
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Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.717	136	25010	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	11702	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	21471	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	14075	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	14507	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	9074	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2079	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	3041	0.067	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.384	142	823	0.020	ng/ul	96
8) 1-Methylnaphthalene	12.598	142	813	0.020	ng/ul	95
10) Acenaphthylene	14.276	152	2818	0.054	ng/ul#	85
11) Acenaphthene	14.619	153	3059	0.069	ng/ul	98
12) Fluorene	15.604	166	3861	0.082	ng/ul#	98
15) Phenanthrene	17.345	178	108581	1.628	ng/ul	99
16) Anthracene	17.438	178	9567	0.171	ng/ul#	91
19) Fluoranthene	19.361	202	178396	2.984	ng/ul	97
20) Pyrene	19.728	202	128085	1.998	ng/ul	98
21) Benzo(a)anthracene	21.477	228	40766	0.856	ng/ul	98
22) Chrysene	21.529	228	48908	0.901	ng/ul	98
24) Benzo(b)fluoranthene	23.166	252	66580	1.186	ng/ul	95
25) Benzo(k)fluoranthene	23.201	252	20173m	0.365	ng/ul	
26) Benzo(a)pyrene	23.789	252	30439	0.602	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.390	276	24232	0.344	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.390	278	6043	0.110	ng/ul#	73
29) Benzo(g,h,i)perylene	27.162	276	21595	0.350	ng/ul	99

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

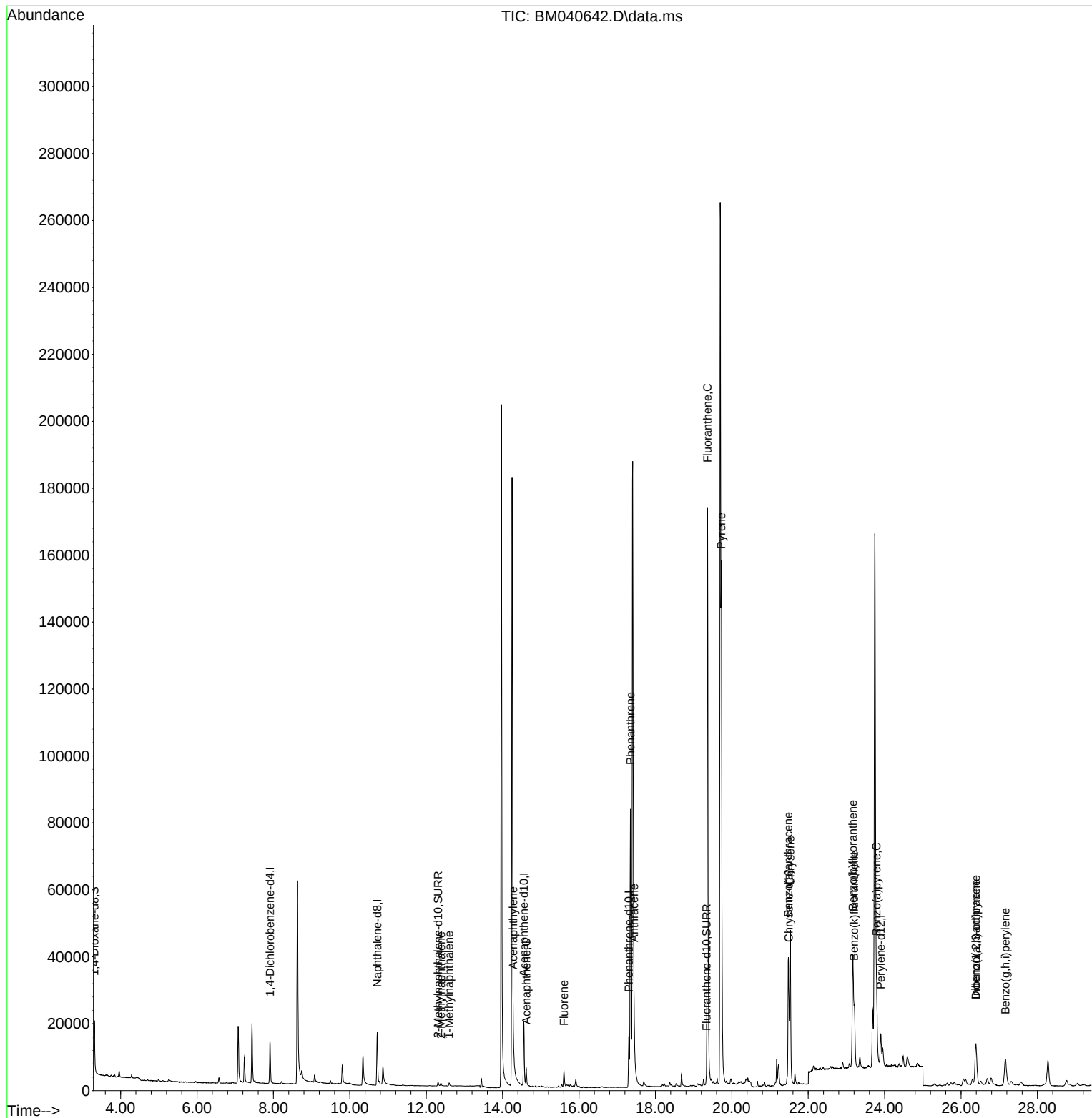
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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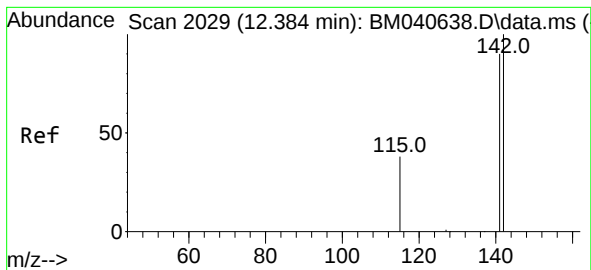
Instrument :
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Quant Time: Jul 05 16:25:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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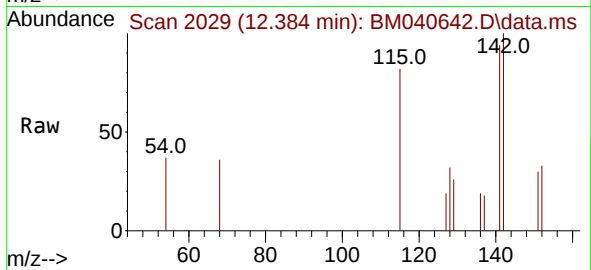
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

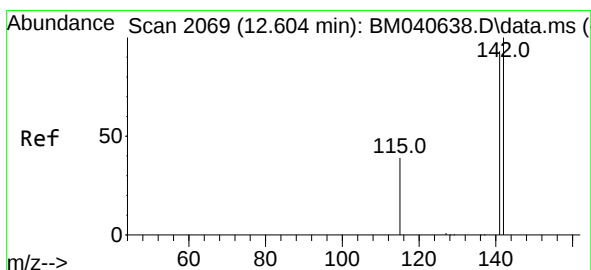
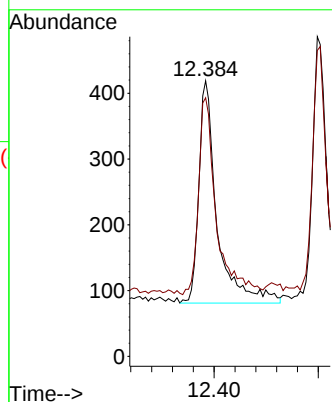
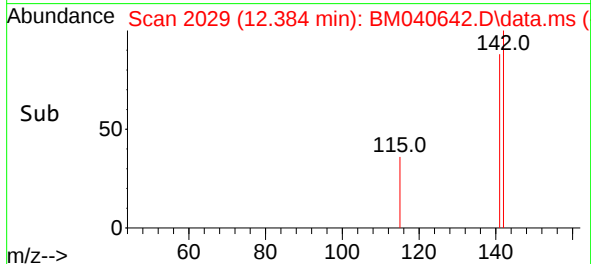
Instrument :
BNA_M
ClientSampleId :
DCGG4DL



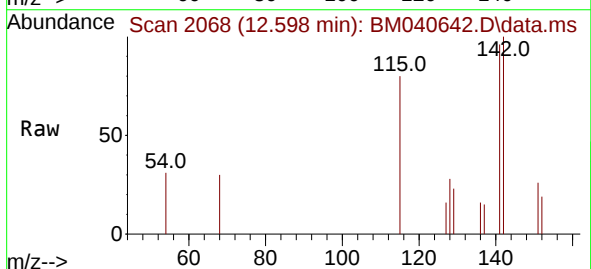
Tgt Ion:142 Resp: 823
Ion Ratio Lower Upper
142 100
141 86.1 71.9 107.9

Manual Integrations
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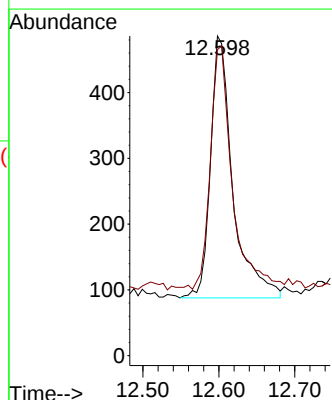
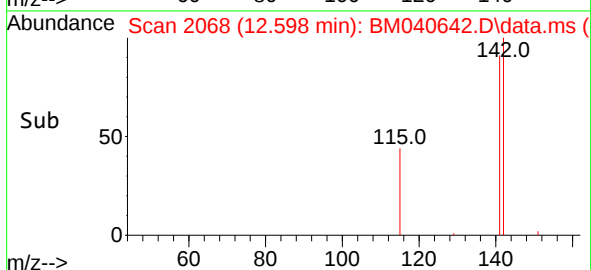
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

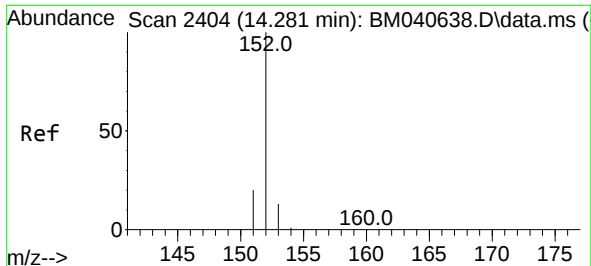


#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49



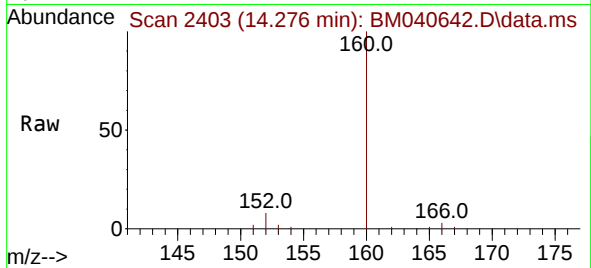
Tgt Ion:142 Resp: 813
Ion Ratio Lower Upper
142 100
141 87.7 73.7 110.5





#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

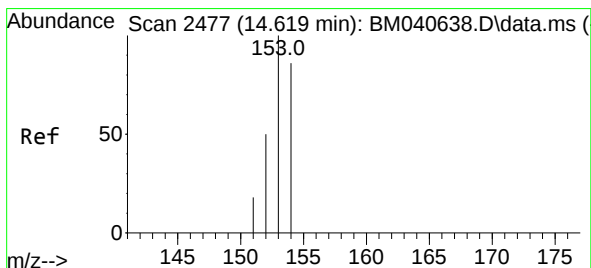
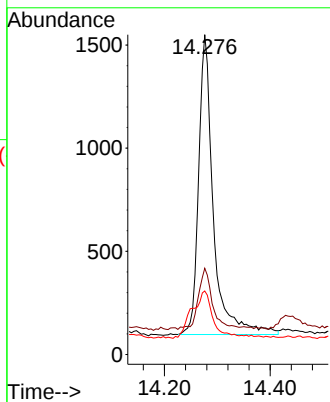
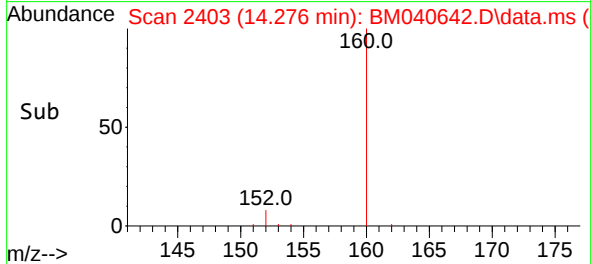
Instrument :
BNA_M
ClientSampleId :
DCGG4DL



Tgt Ion:152 Resp: 2818
Ion Ratio Lower Upper
152 100
151 27.0 16.2 24.2
153 19.9 10.9 16.3

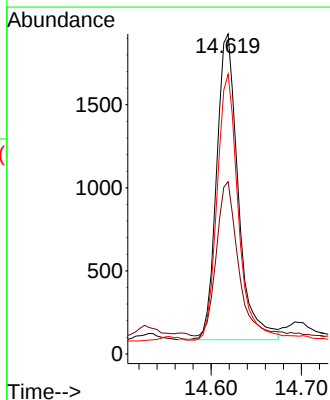
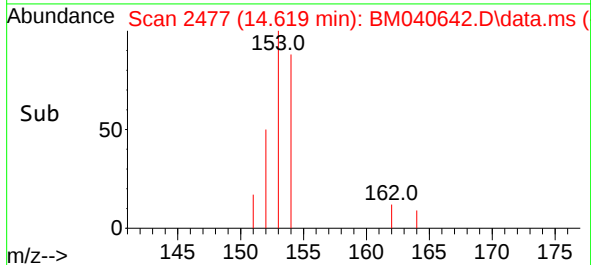
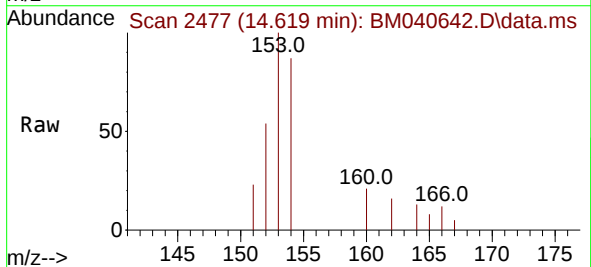
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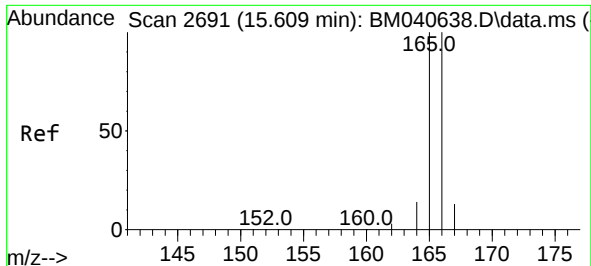
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

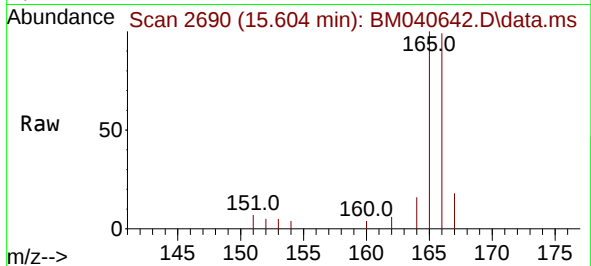
Tgt Ion:153 Resp: 3059
Ion Ratio Lower Upper
153 100
152 53.8 41.0 61.4
154 87.4 70.8 106.2





#12
Fluorene
Concen: 0.082 ng/ul
RT: 15.604 min Scan# 2090
Delta R.T. -0.003 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

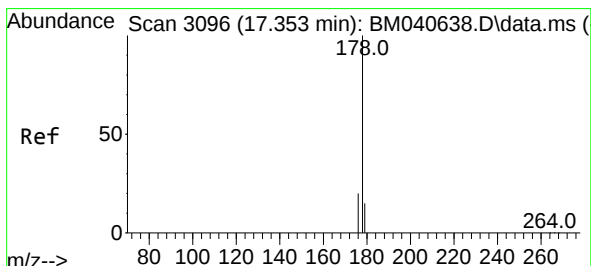
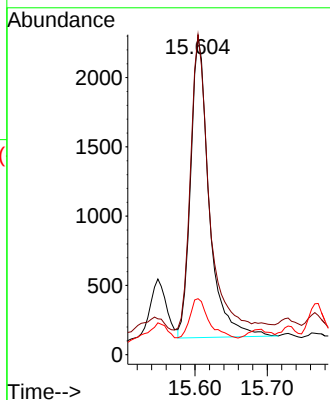
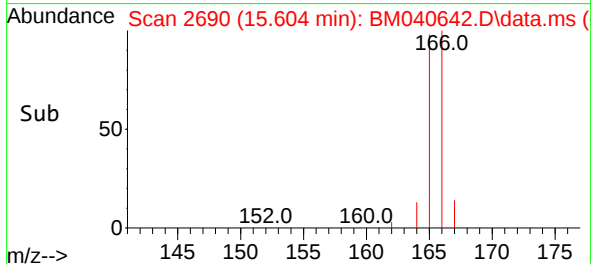
Instrument :
BNA_M
ClientSampleId :
DCGG4DL



Tgt Ion:166 Resp: 386
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 17.7 11.4 17.0

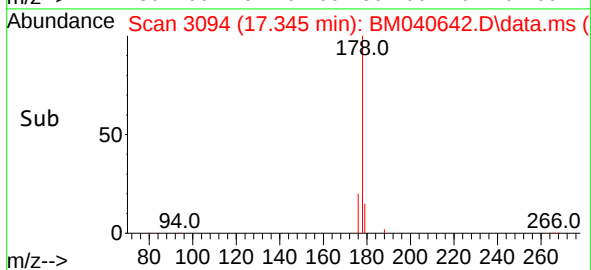
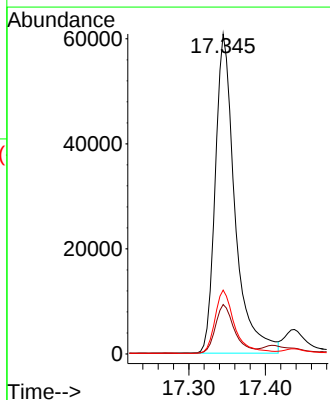
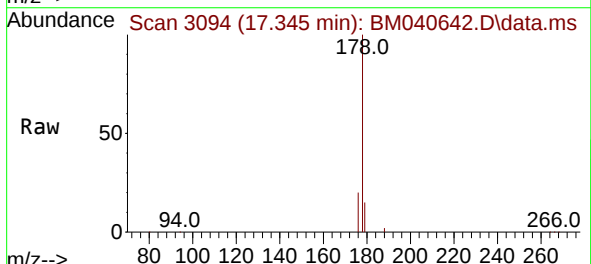
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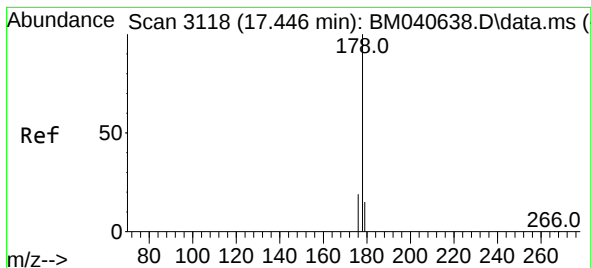
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#15
Phenanthrene
Concen: 1.628 ng/ul
RT: 17.345 min Scan# 3094
Delta R.T. -0.007 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

Tgt Ion:178 Resp: 108581
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.9 16.4 24.6





#16

Anthracene

Concen: 0.171 ng/ul

RT: 17.438 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BM040642.D

Acq: 05 Jul 2023 15:49

Instrument :

BNA_M

ClientSampleId :

DCGG4DL

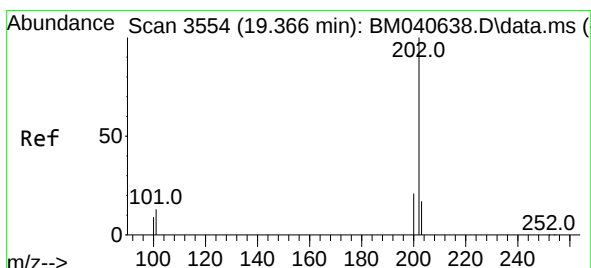
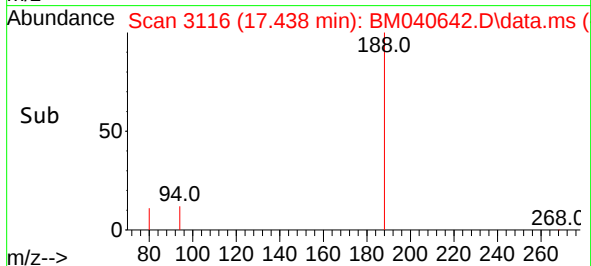
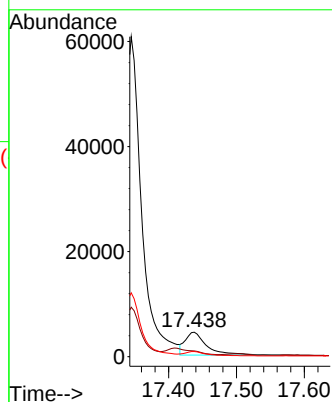
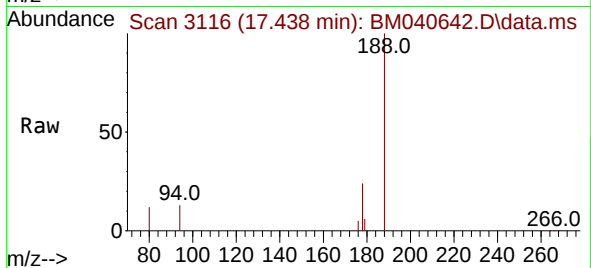
Tgt Ion:178	Resp:	956
Ion Ratio	Lower	Upper
178	100	
179	23.3	12.9 19.3
176	21.1	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#19

Fluoranthene

Concen: 2.984 ng/ul

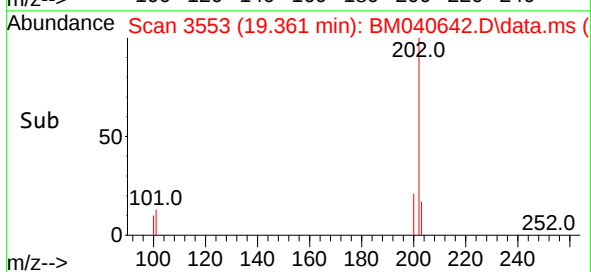
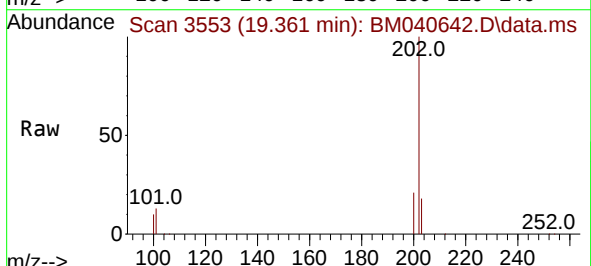
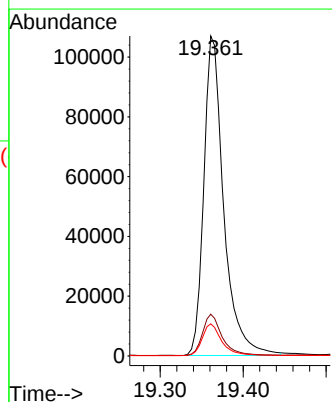
RT: 19.361 min Scan# 3553

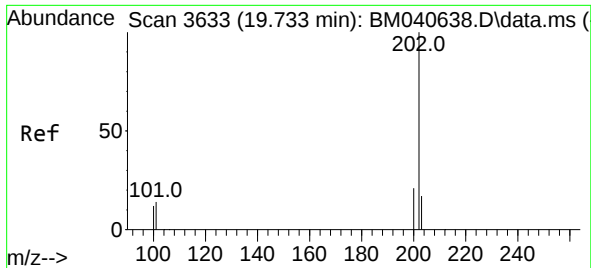
Delta R.T. -0.008 min

Lab File: BM040642.D

Acq: 05 Jul 2023 15:49

Tgt Ion:202	Resp:	178396
Ion Ratio	Lower	Upper
202	100	
101	13.1	11.4 17.0
100	10.1	8.7 13.1





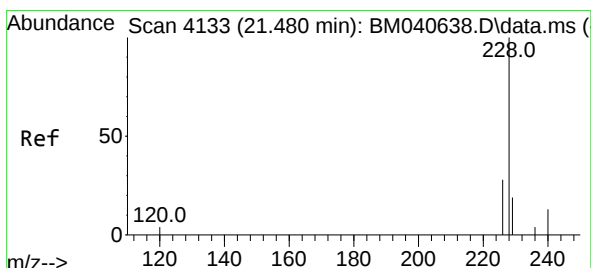
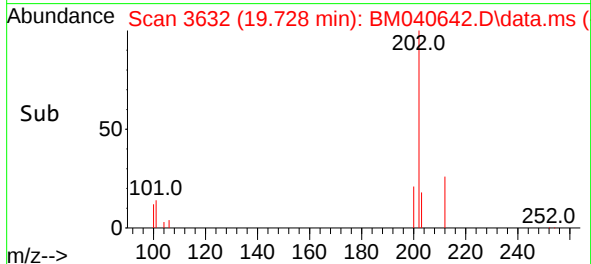
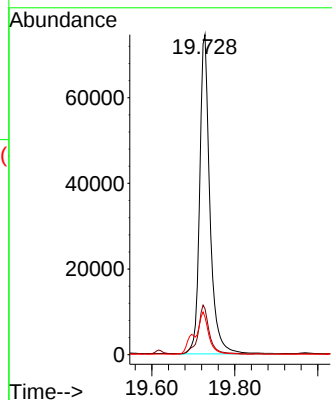
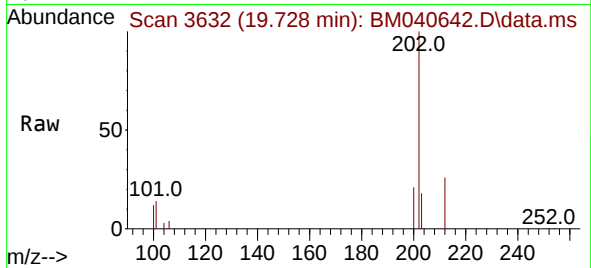
#20
Pyrene
Concen: 1.998 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

Instrument :
BNA_M
ClientSampleId :
DCGG4DL

Tgt Ion:202 Resp: 128085
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.8 9.8 14.6

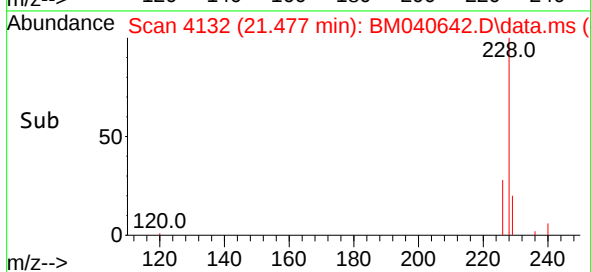
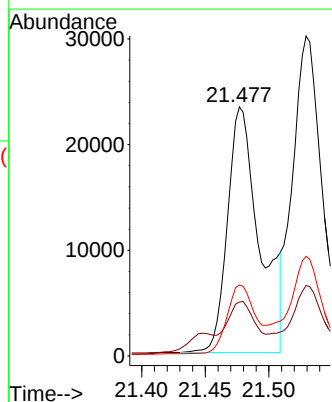
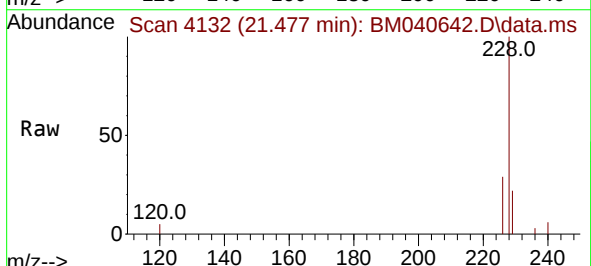
Manual Integrations
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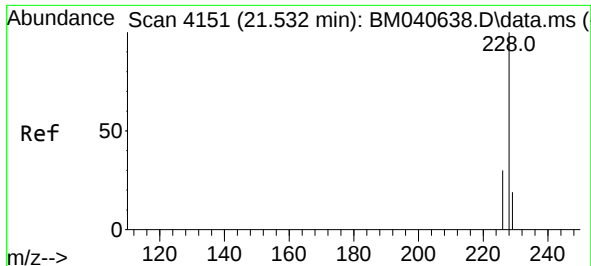
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#21
Benzo(a)anthracene
Concen: 0.856 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.002 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

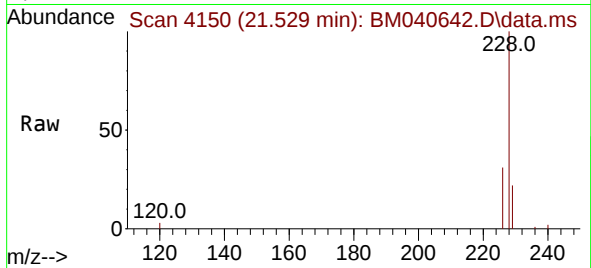
Tgt Ion:228 Resp: 40766
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 28.5 22.3 33.5





#22
Chrysene
Concen: 0.901 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.002 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

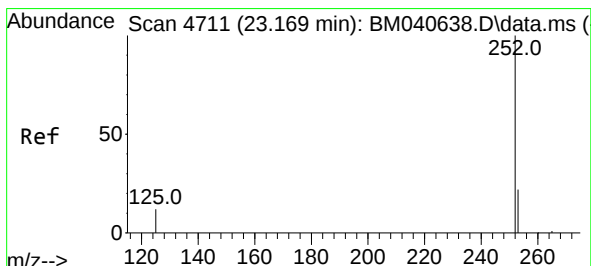
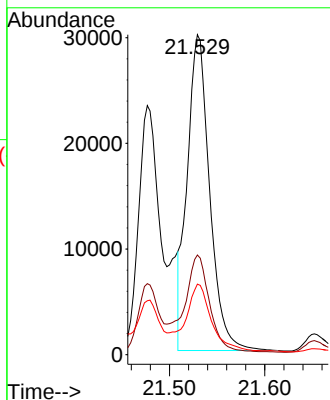
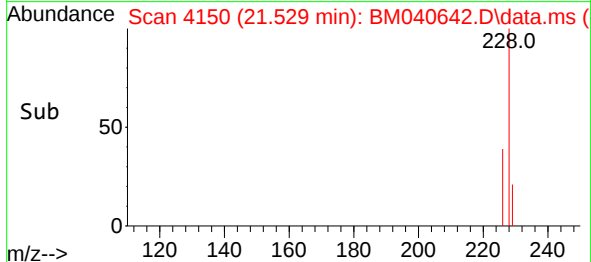
Instrument :
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ClientSampleId :
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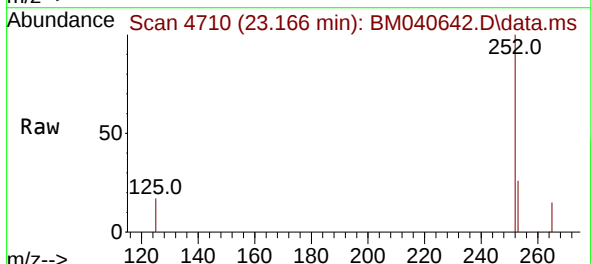
Tgt Ion:228 Resp: 48908
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.1 15.8 23.6

Manual Integrations
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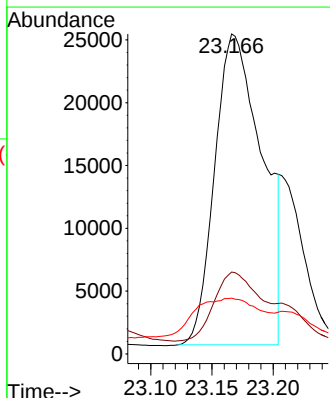
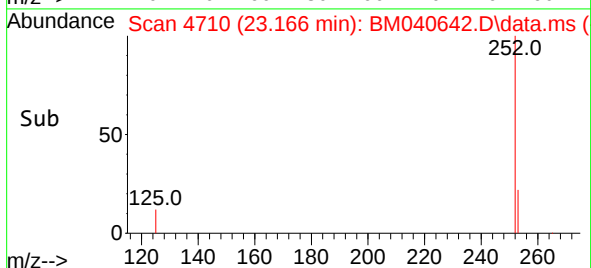
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

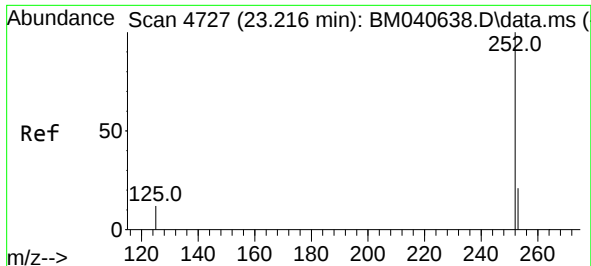


#24
Benzo(b)fluoranthene
Concen: 1.186 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.002 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49



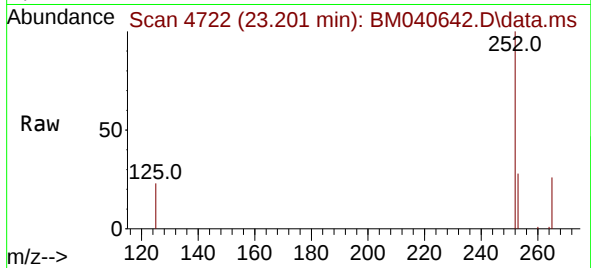
Tgt Ion:252 Resp: 66580
Ion Ratio Lower Upper
252 100
253 25.6 0.0 52.8
125 17.5 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

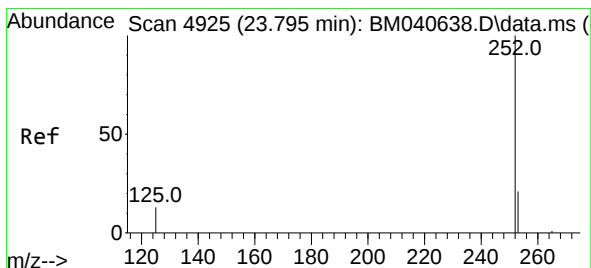
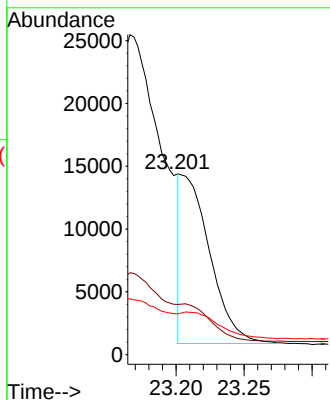
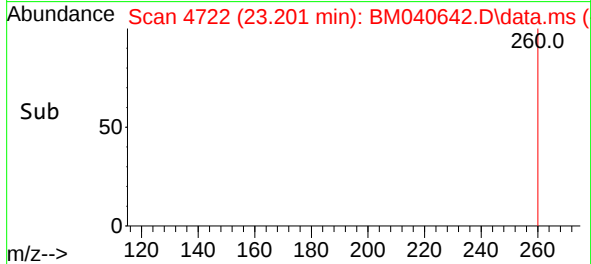
Instrument :
BNA_M
ClientSampleId :
DCGG4DL



Tgt Ion:252 Resp: 2017
Ion Ratio Lower Upper
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253 27.8 21.2 31.8
125 22.6 16.4 24.6

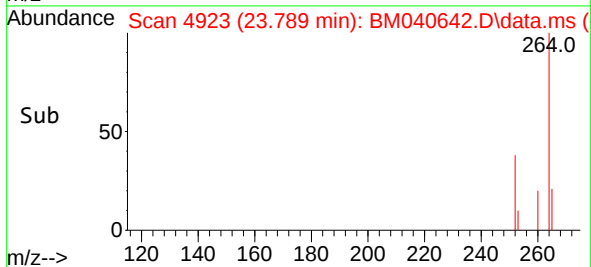
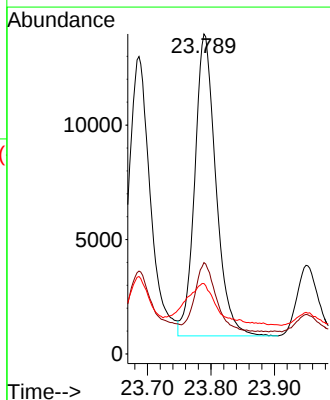
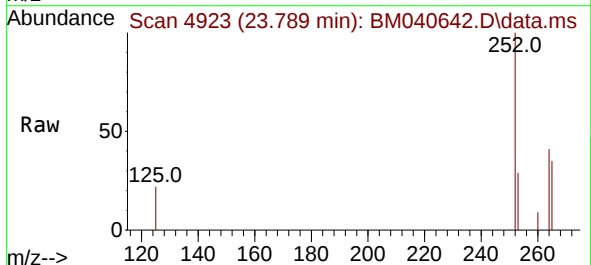
Manual Integrations
APPROVED

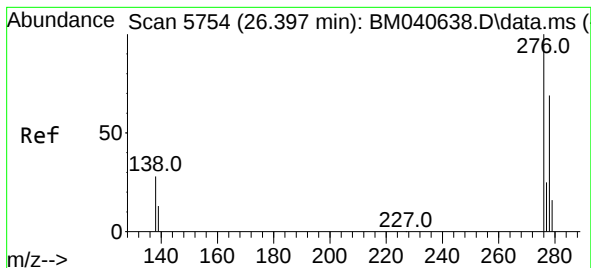
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.602 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.005 min
Lab File: BM040642.D
Acq: 05 Jul 2023 15:49

Tgt Ion:252 Resp: 30439
Ion Ratio Lower Upper
252 100
253 28.6 22.9 34.3
125 22.0 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.344 ng/ul

RT: 26.390 min Scan# 5752

Delta R.T. 0.001 min

Lab File: BM040642.D

Acq: 05 Jul 2023 15:49

Instrument :

BNA_M

ClientSampleId :

DCGG4DL

Tgt Ion:276 Resp: 2423

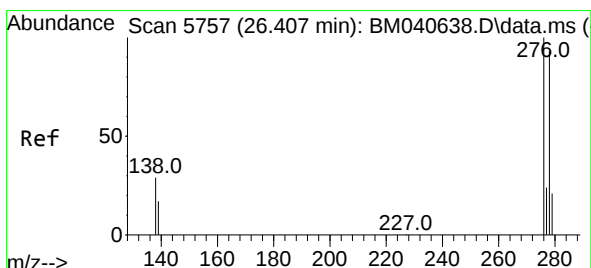
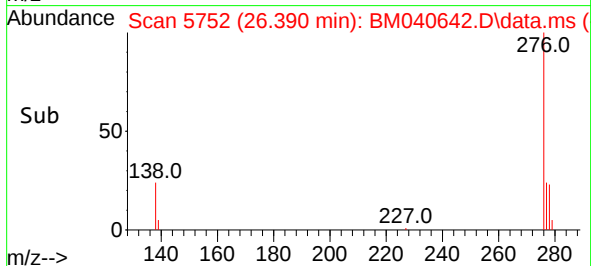
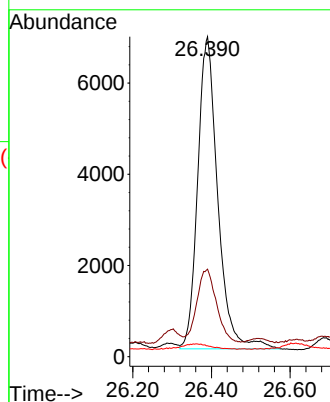
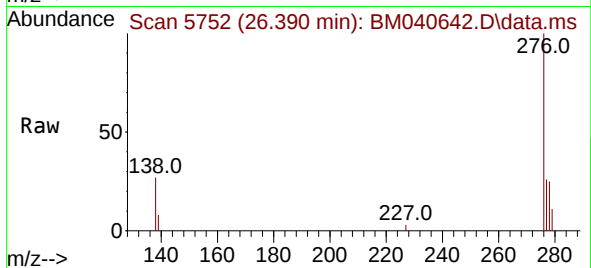
Ion	Ratio	Lower	Upper
276	100		
138	23.4	24.5	36.7
227	0.0	0.1	0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.110 ng/ul

RT: 26.390 min Scan# 5752

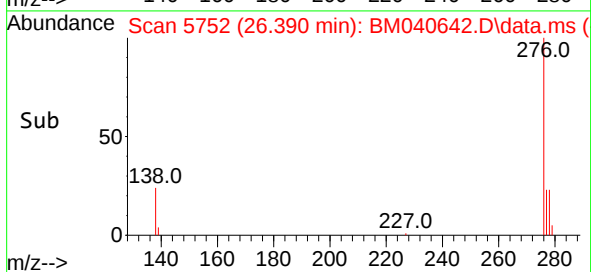
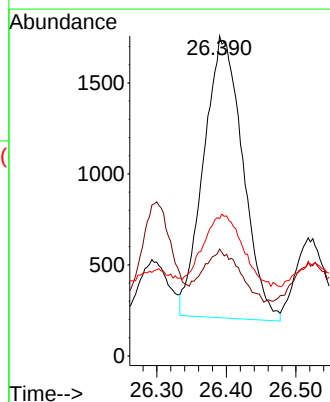
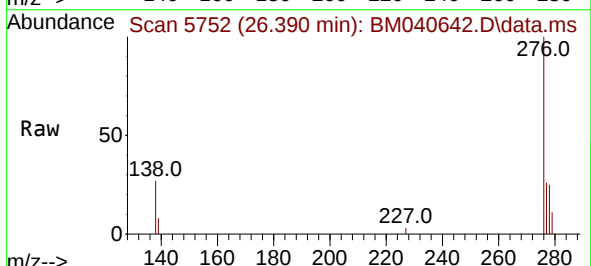
Delta R.T. -0.019 min

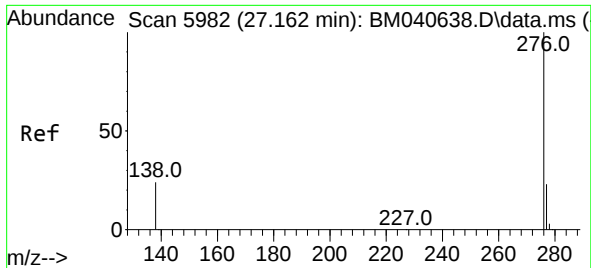
Lab File: BM040642.D

Acq: 05 Jul 2023 15:49

Tgt Ion:278 Resp: 6043

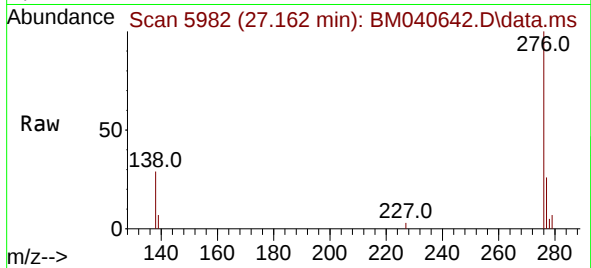
Ion	Ratio	Lower	Upper
278	100		
139	33.4	17.9	26.9
279	42.9	22.0	33.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.350 ng/ul
 RT: 27.162 min Scan# 5982
 Delta R.T. -0.002 min
 Lab File: BM040642.D
 Acq: 05 Jul 2023 15:49

Instrument :
 BNA_M
 ClientSampleId :
 DCGG4DL



Tgt Ion:	276	Resp:	2159
Ion Ratio	Lower	Upper	
276	100		
138	28.5	23.0	34.6
277	26.0	20.3	30.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

