

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040646.D
 Acq On : 05 Jul 2023 18:21
 Operator : MA/JU
 Sample : 03244-14DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGF3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 20:31:44 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	7.911	152	6195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	22485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	10466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	18946	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	11526	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	12320	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6119	0.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1452	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	1988	0.054	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.767	128	7935	0.128	ng/ul#	96
7) 2-Methylnaphthalene	12.384	142	2705	0.074	ng/ul	97
8) 1-Methylnaphthalene	12.604	142	1599	0.044	ng/ul	98
10) Acenaphthylene	14.276	152	20417	0.437	ng/ul	98
11) Acenaphthene	14.619	153	1975	0.050	ng/ul	96
12) Fluorene	15.604	166	1690	0.040	ng/ul#	90
15) Phenanthrene	17.345	178	31780	0.540	ng/ul	99
16) Anthracene	17.438	178	13970	0.282	ng/ul	97
19) Fluoranthene	19.366	202	88285	1.803	ng/ul	95
20) Pyrene	19.723	202	76918	1.465	ng/ul	99
21) Benzo(a)anthracene	21.477	228	42816	1.098	ng/ul	93
22) Chrysene	21.526	228	35021	0.787	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	84085	1.764	ng/ul	93
25) Benzo(k)fluoranthene	23.201	252	26922m	0.573	ng/ul	
26) Benzo(a)pyrene	23.789	252	48764	1.135	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.383	276	48019	0.803	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	10859	0.232	ng/ul#	86
29) Benzo(g,h,i)perylene	27.155	276	45269	0.864	ng/ul	98

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

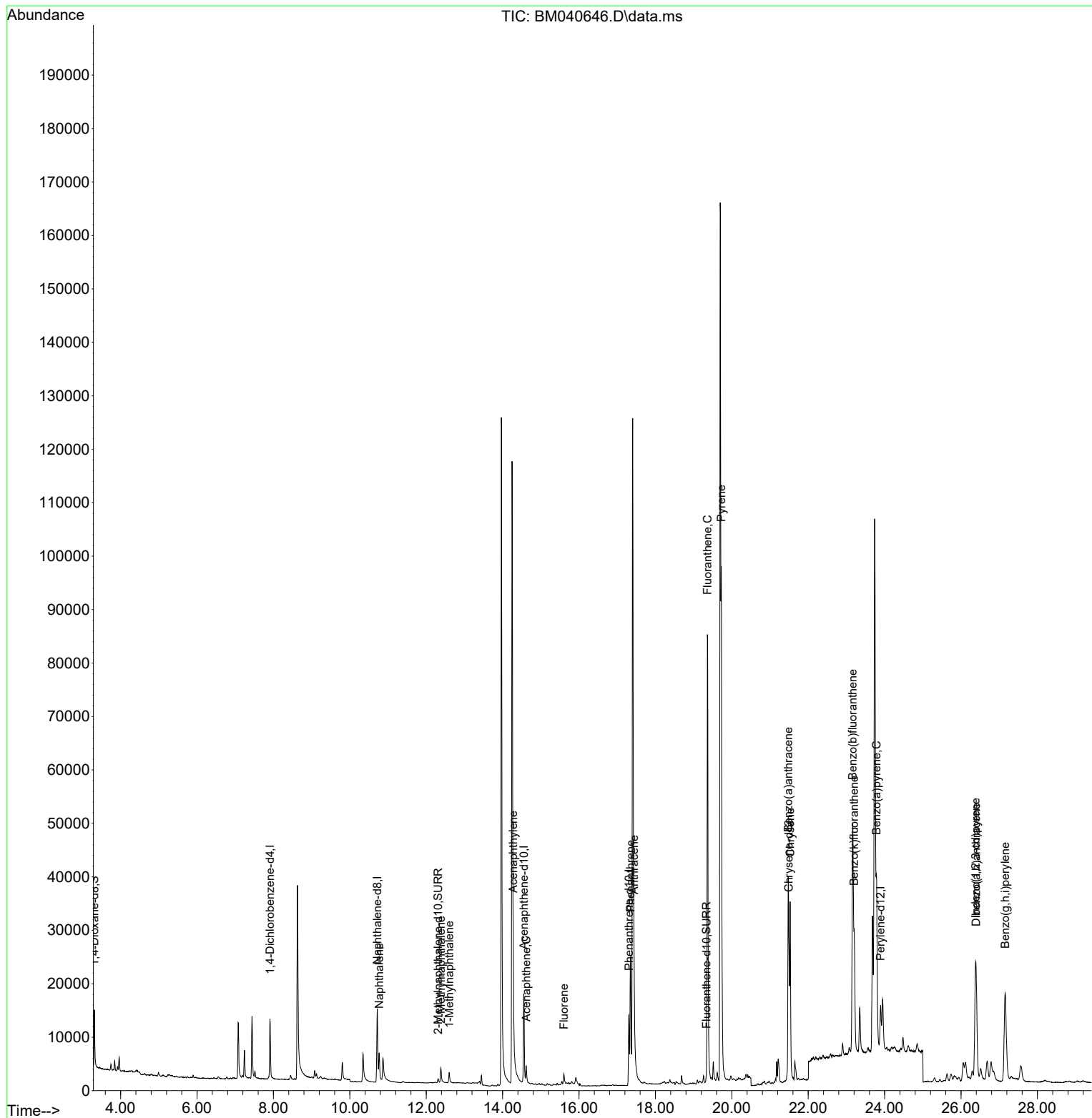
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040646.D
Acq On : 05 Jul 2023 18:21
Operator : MA/JU
Sample : 03244-14DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

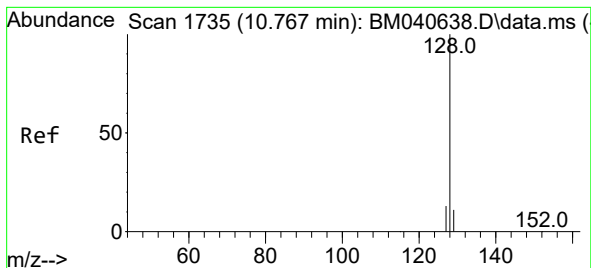
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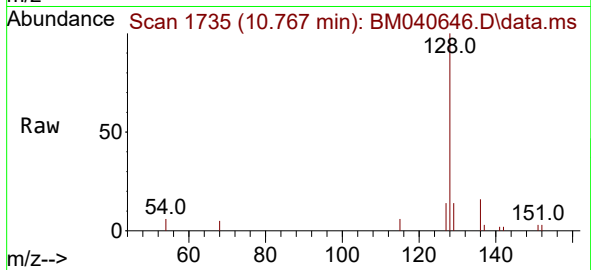
Quant Time: Jul 05 20:31:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

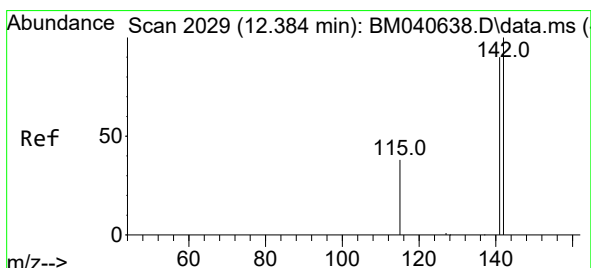
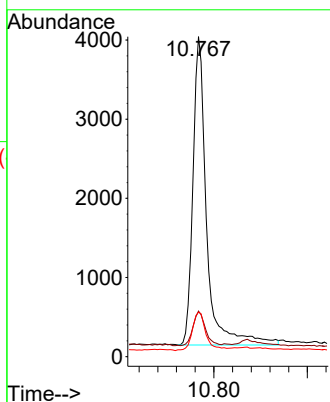
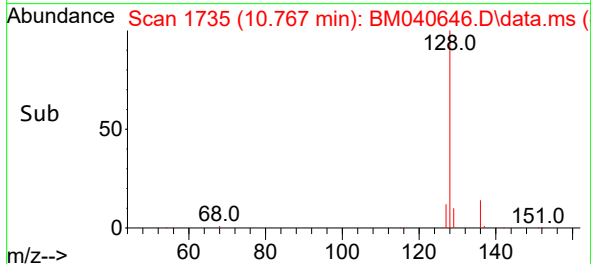
Instrument :
BNA_M
ClientSampleId :
DCGF3DL



Tgt Ion:128 Resp: 7935
Ion Ratio Lower Upper
128 100
129 14.3 9.2 13.8
127 13.9 10.6 15.8

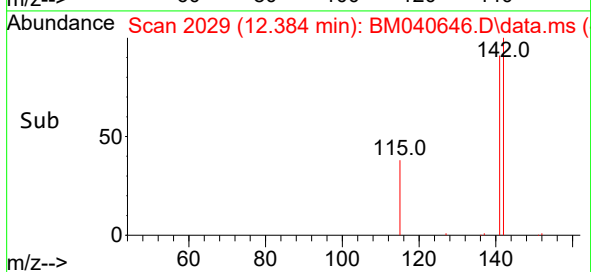
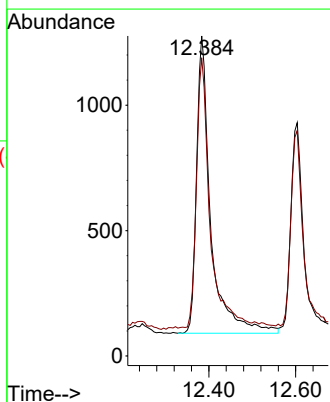
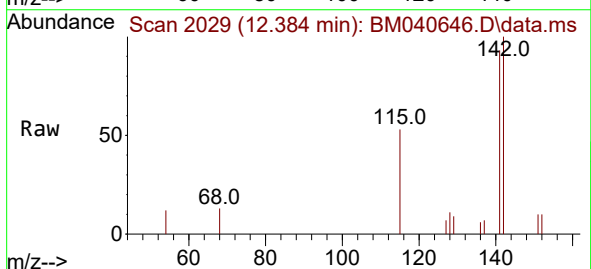
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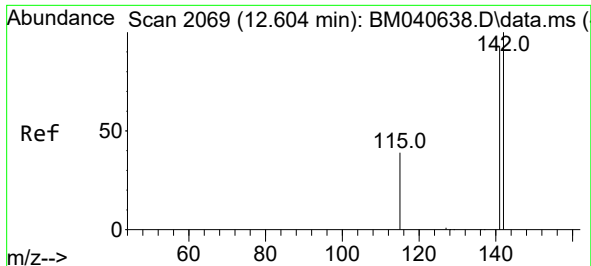
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

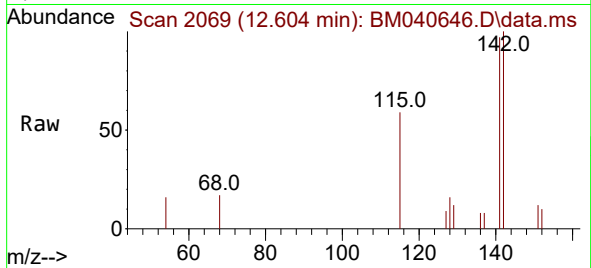
Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
141 87.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. 0.001 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

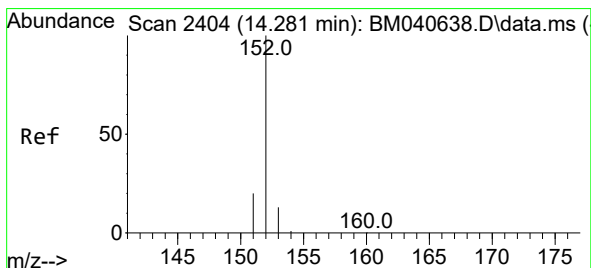
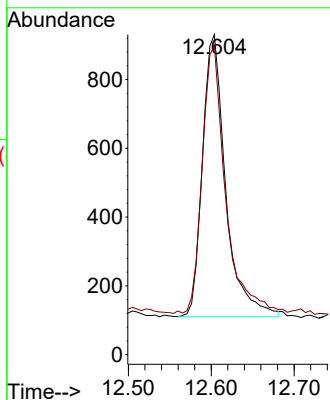
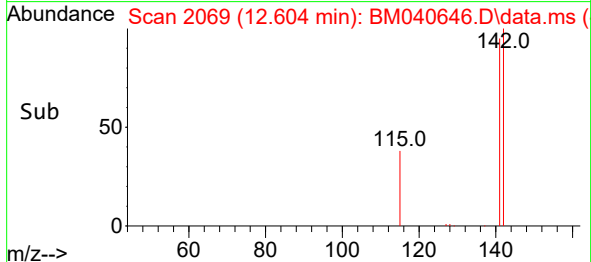
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Tgt Ion:142 Resp: 1599
Ion Ratio Lower Upper
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141 94.4 73.7 110.5

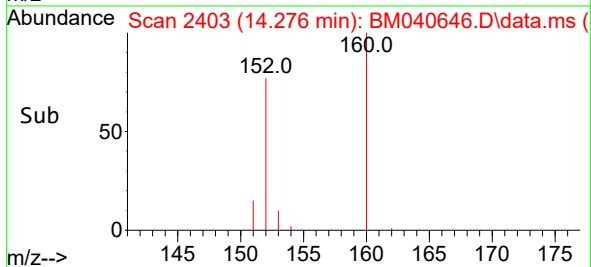
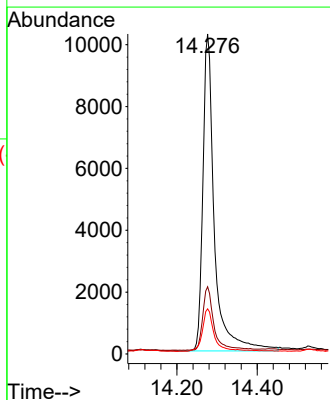
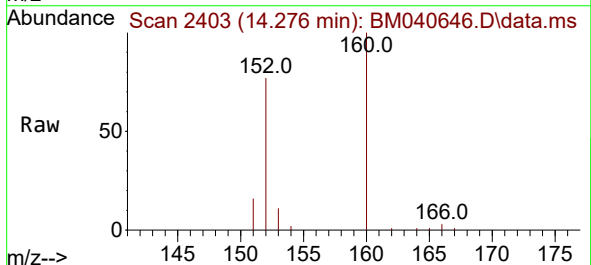
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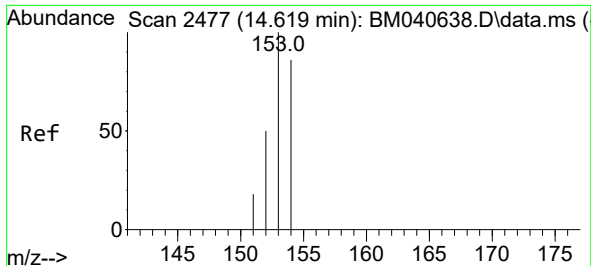
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.437 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

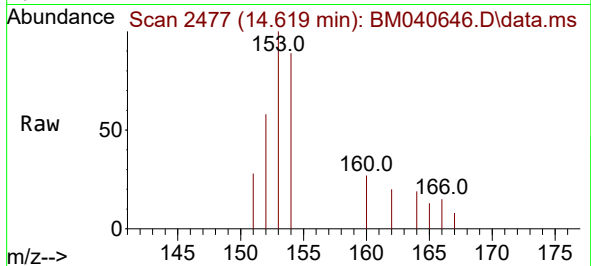
Tgt Ion:152 Resp: 20417
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

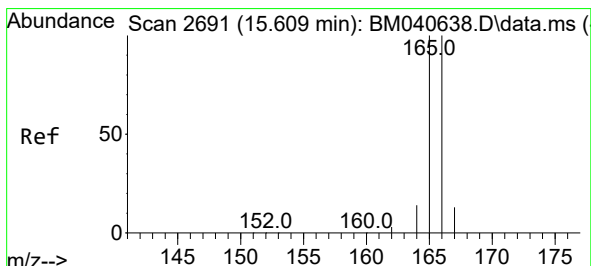
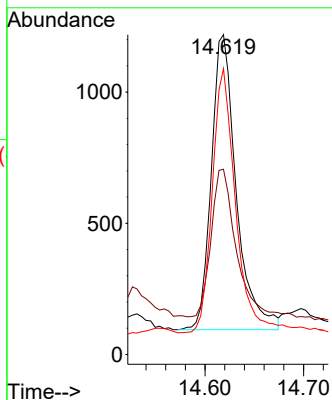
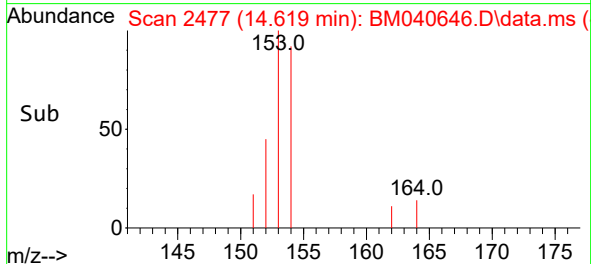
Instrument :
BNA_M
ClientSampleId :
DCGF3DL



Tgt Ion:153 Resp: 1975
Ion Ratio Lower Upper
153 100
152 57.9 41.0 61.4
154 89.4 70.8 106.2

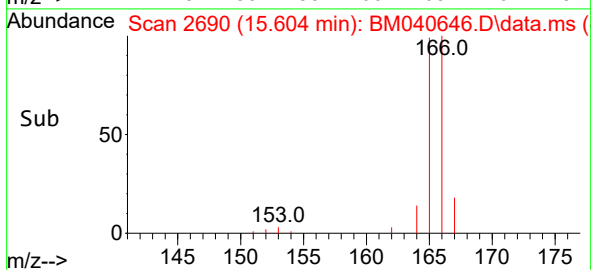
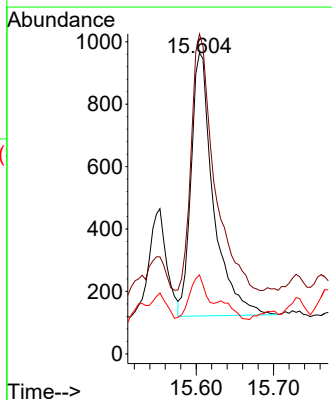
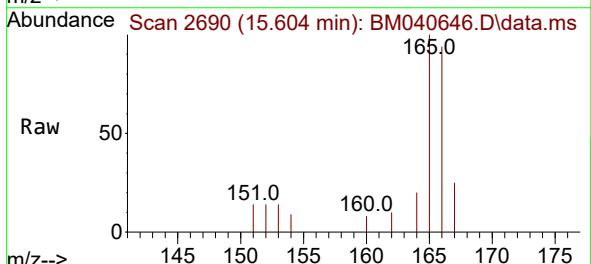
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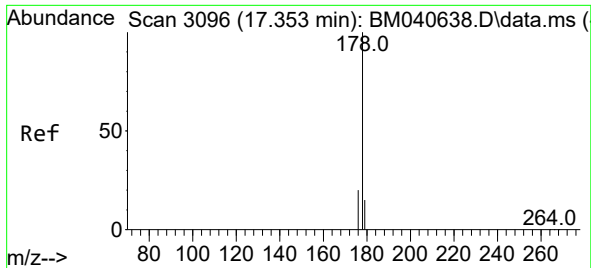
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.003 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

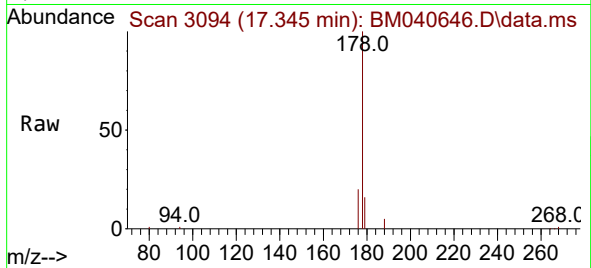
Tgt Ion:166 Resp: 1690
Ion Ratio Lower Upper
166 100
165 106.3 79.6 119.4
167 26.2 11.4 17.0#





#15
Phenanthrene
Concen: 0.540 ng/ul
RT: 17.345 min Scan# 3096
Delta R.T. -0.007 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

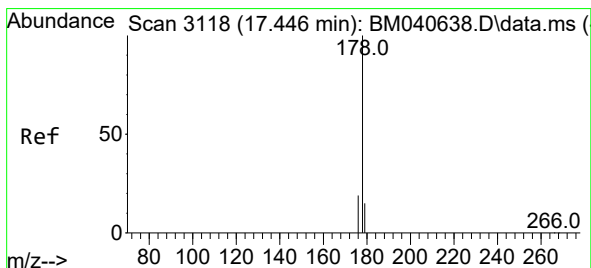
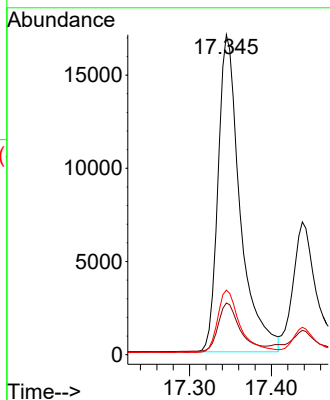
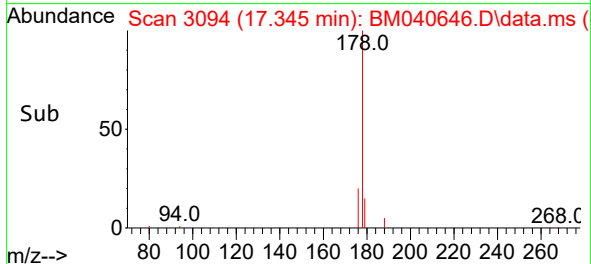
Instrument :
BNA_M
ClientSampleId :
DCGF3DL



Tgt Ion:178 Resp: 31780
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.2 16.4 24.6

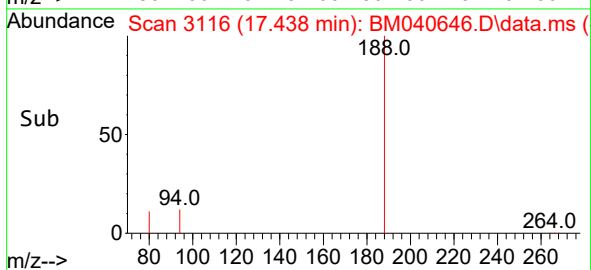
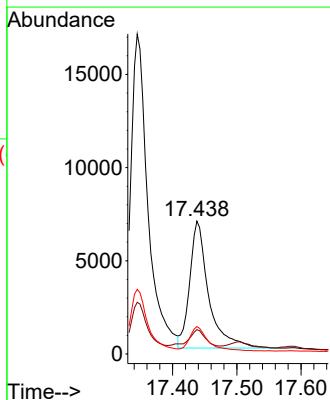
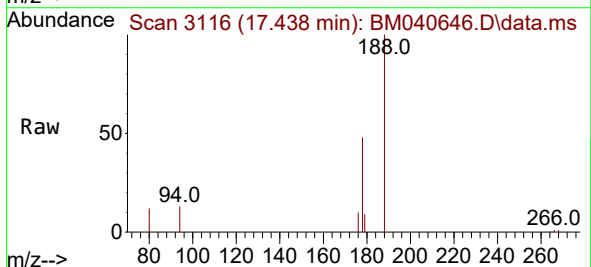
Manual Integrations
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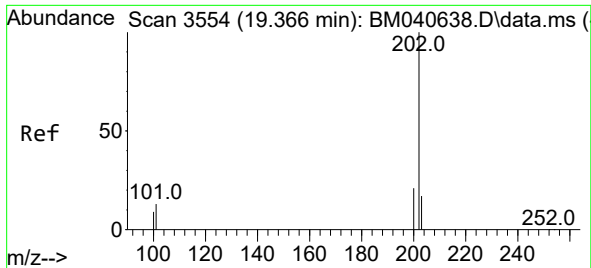
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

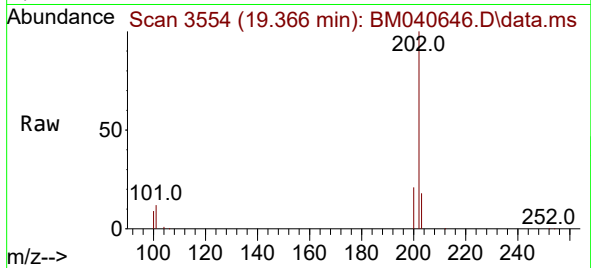
Tgt Ion:178 Resp: 13970
Ion Ratio Lower Upper
178 100
179 18.3 12.9 19.3
176 20.6 15.8 23.6





#19
Fluoranthene
Concen: 1.803 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

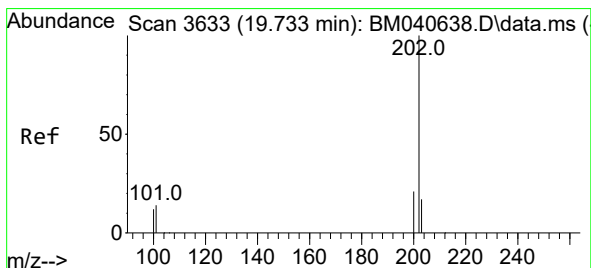
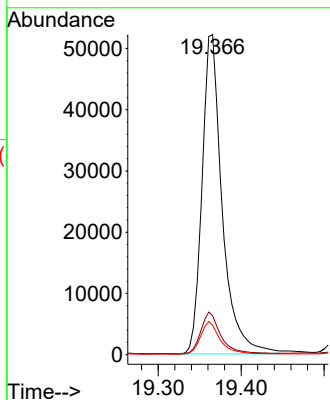
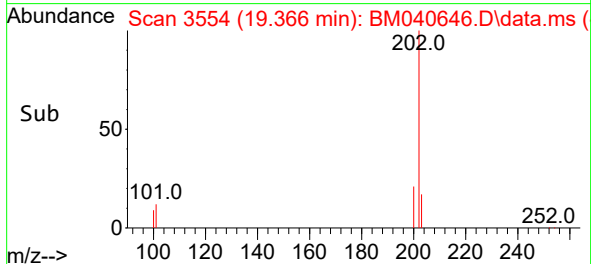
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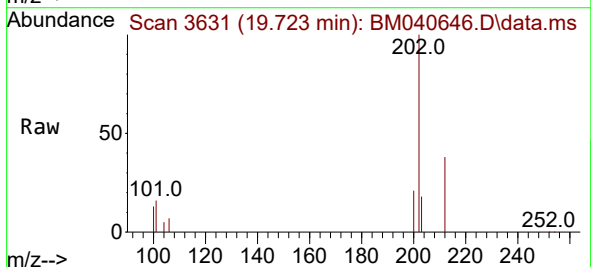
Tgt Ion:202 Resp: 88285
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.2 8.7 13.1

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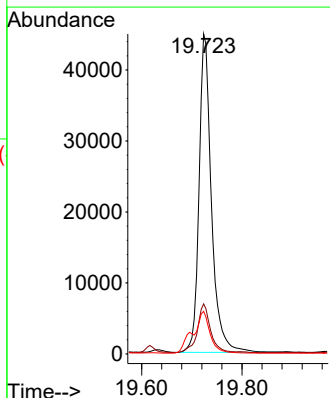
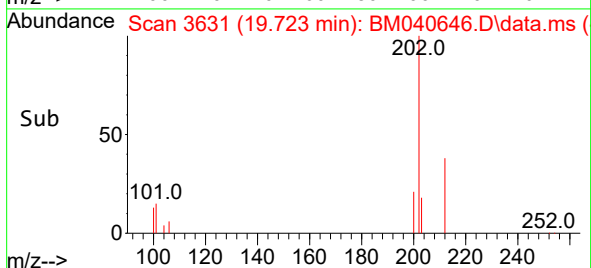
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

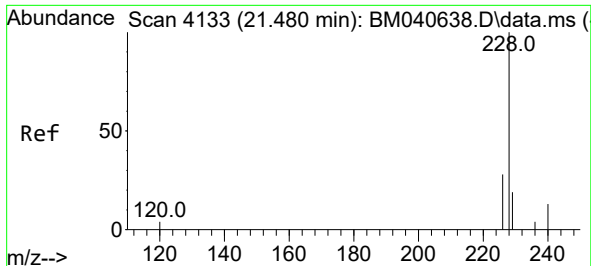


#20
Pyrene
Concen: 1.465 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21



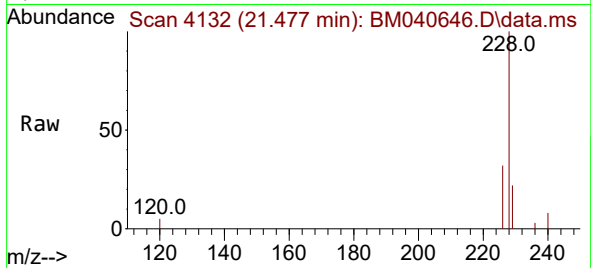
Tgt Ion:202 Resp: 76918
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.098 ng/ul
RT: 21.477 min Scan# 4133
Delta R.T. -0.002 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

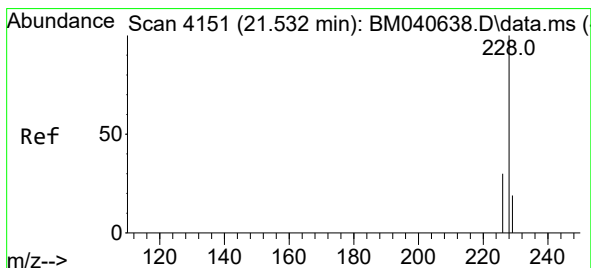
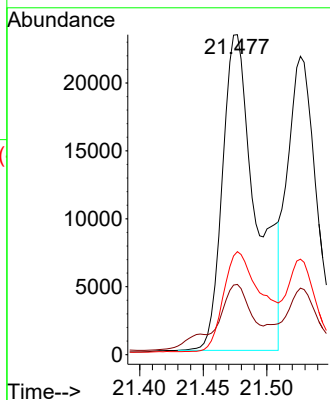
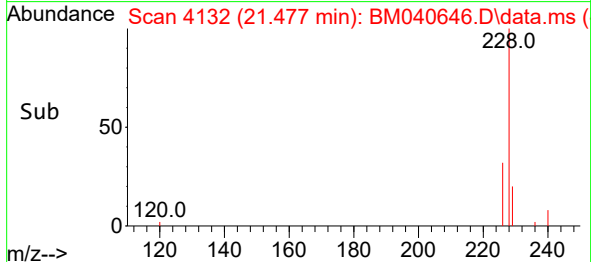
Instrument :
BNA_M
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DCGF3DL



Tgt Ion:228 Resp: 42810
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 32.2 22.3 33.5

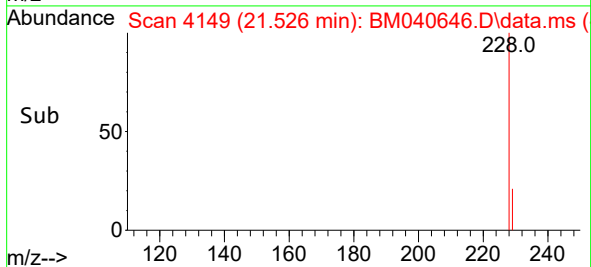
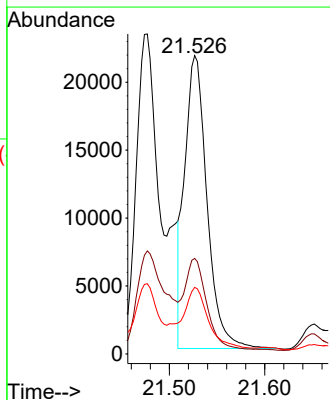
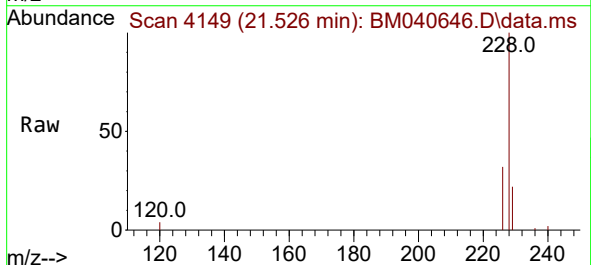
Manual Integrations
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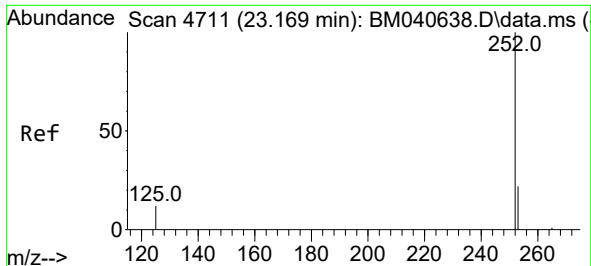
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 0.787 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

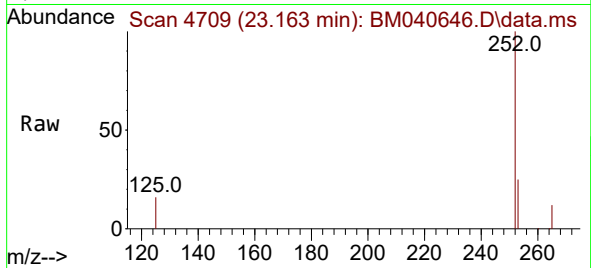
Tgt Ion:228 Resp: 35021
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.764 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.005 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

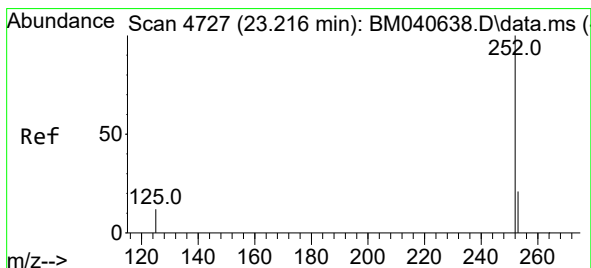
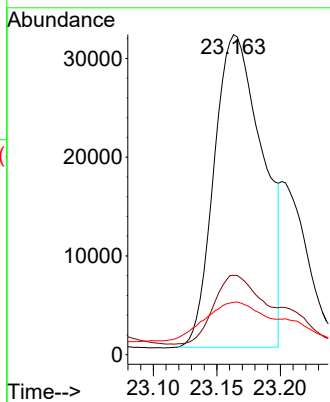
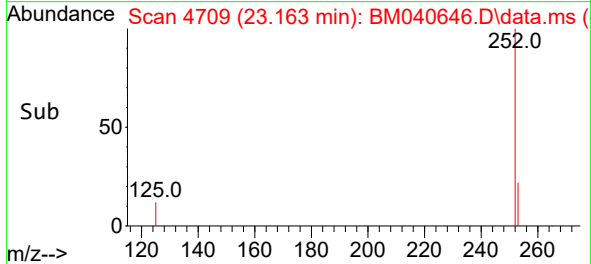
Instrument :
BNA_M
ClientSampleId :
DCGF3DL



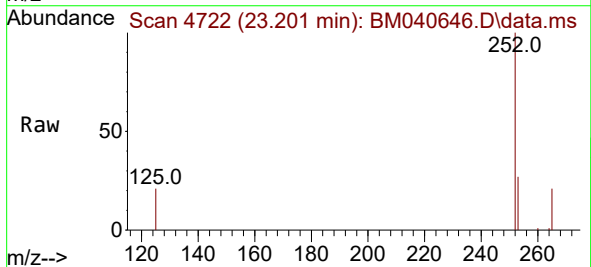
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Ion Ratio Lower Upper
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253 24.8 0.0 52.8
125 16.3 0.0 43.0

Manual Integrations
APPROVED

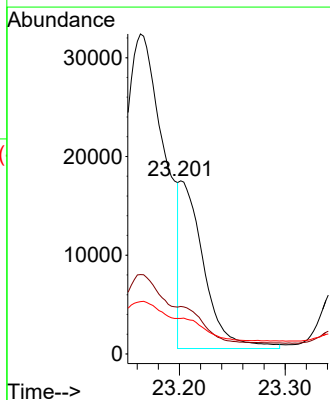
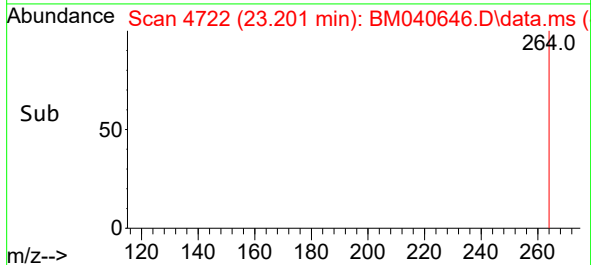
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

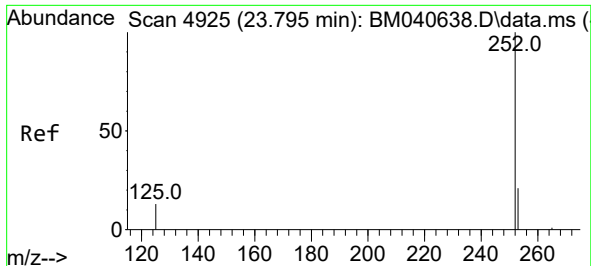


#25
Benzo(k)fluoranthene
Concen: 0.573 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21



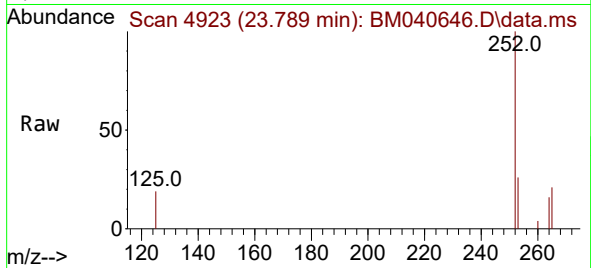
Tgt Ion:252 Resp: 26922
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 20.6 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.135 ng/ul
RT: 23.789 min Scan# 4925
Delta R.T. -0.005 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

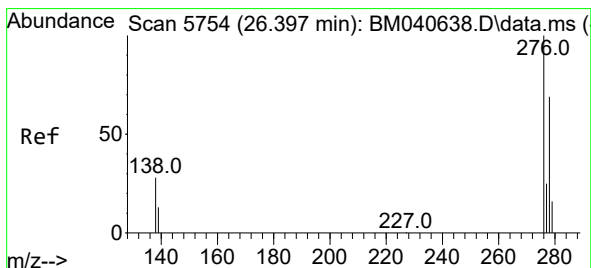
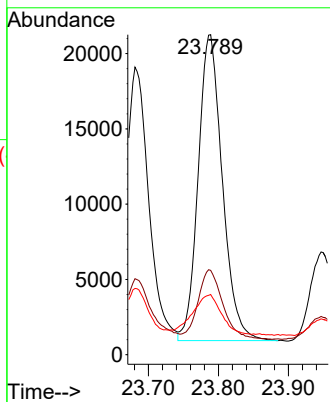
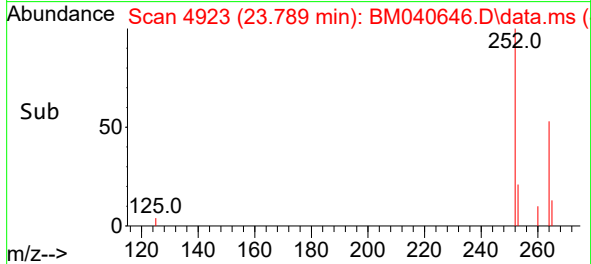
Instrument :
BNA_M
ClientSampleId :
DCGF3DL



Tgt Ion:252 Resp: 48764
Ion Ratio Lower Upper
252 100
253 26.4 22.9 34.3
125 18.8 21.0 31.4

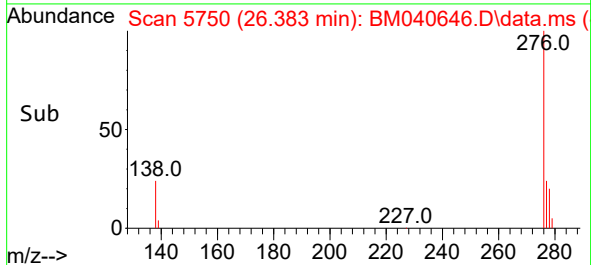
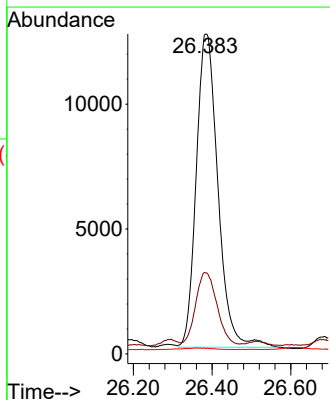
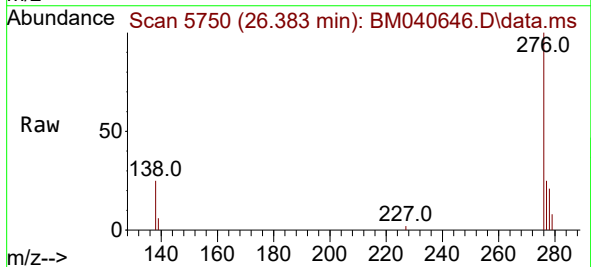
Manual Integrations
APPROVED

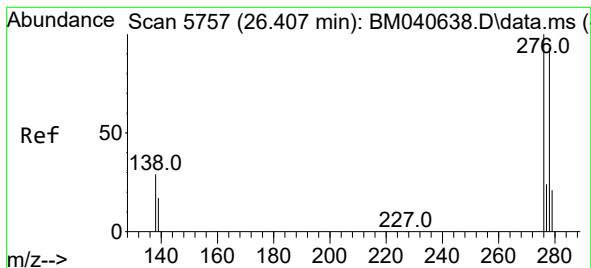
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.803 ng/ul
RT: 26.383 min Scan# 5750
Delta R.T. -0.005 min
Lab File: BM040646.D
Acq: 05 Jul 2023 18:21

Tgt Ion:276 Resp: 48019
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 0.6 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.232 ng/ul

RT: 26.397 min Scan# 51

Delta R.T. -0.012 min

Lab File: BM040646.D

Acq: 05 Jul 2023 18:21

Instrument :

BNA_M

ClientSampleId :

DCGF3DL

Tgt Ion:278 Resp: 1085

Ion Ratio Lower Upper

278 100

139 26.4 17.9 26.9

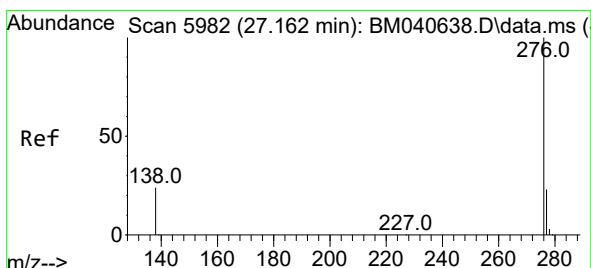
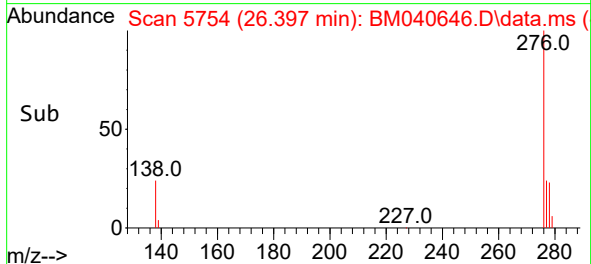
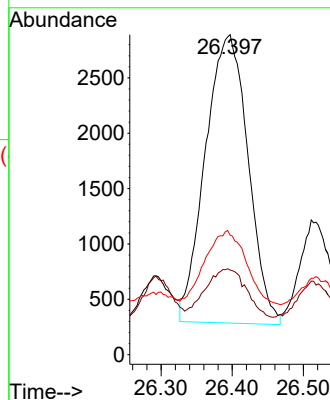
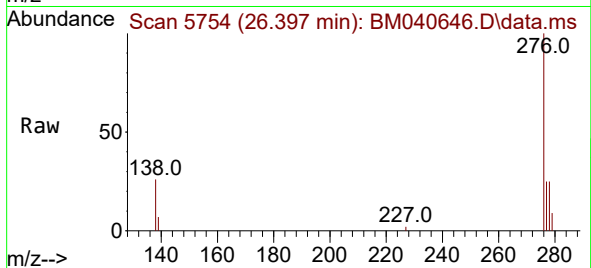
279 37.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#29

Benzo(g,h,i)perylene

Concen: 0.864 ng/ul

RT: 27.155 min Scan# 5980

Delta R.T. -0.009 min

Lab File: BM040646.D

Acq: 05 Jul 2023 18:21

Tgt Ion:276 Resp: 45269

Ion Ratio Lower Upper

276 100

138 26.6 23.0 34.6

277 25.3 20.3 30.5

