

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040633.D
 Acq On : 05 Jul 2023 10:08
 Operator : MA/JU
 Sample : 03243-17DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 12:11:11 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	6124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.717	136	21972	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	9985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	18562	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	12932	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	13870	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	5994	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	1309	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	1884	0.045	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.767	128	4126	0.068	ng/ul#	92
7) 2-Methylnaphthalene	12.384	142	2224	0.062	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	1421	0.040	ng/ul	94
10) Acenaphthylene	14.276	152	1579	0.035	ng/ul#	71
11) Acenaphthene	14.619	153	5170	0.137	ng/ul	98
12) Fluorene	15.604	166	4402	0.109	ng/ul#	96
15) Phenanthrene	17.345	178	63428	1.100	ng/ul	99
16) Anthracene	17.438	178	14483	0.299	ng/ul	96
19) Fluoranthene	19.361	202	117532	2.140	ng/ul	97
20) Pyrene	19.723	202	97236	1.651	ng/ul	99
21) Benzo(a)anthracene	21.474	228	64253	1.469	ng/ul	98
22) Chrysene	21.526	228	64387	1.290	ng/ul	98
24) Benzo(b)fluoranthene	23.160	252	149933	2.793	ng/ul	94
25) Benzo(k)fluoranthene	23.201	252	43699m	0.826	ng/ul	
26) Benzo(a)pyrene	23.786	252	82881	1.714	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.383	276	82968	1.232	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.390	278	20987	0.398	ng/ul#	91
29) Benzo(g,h,i)perylene	27.148	276	79951	1.355	ng/ul	97

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

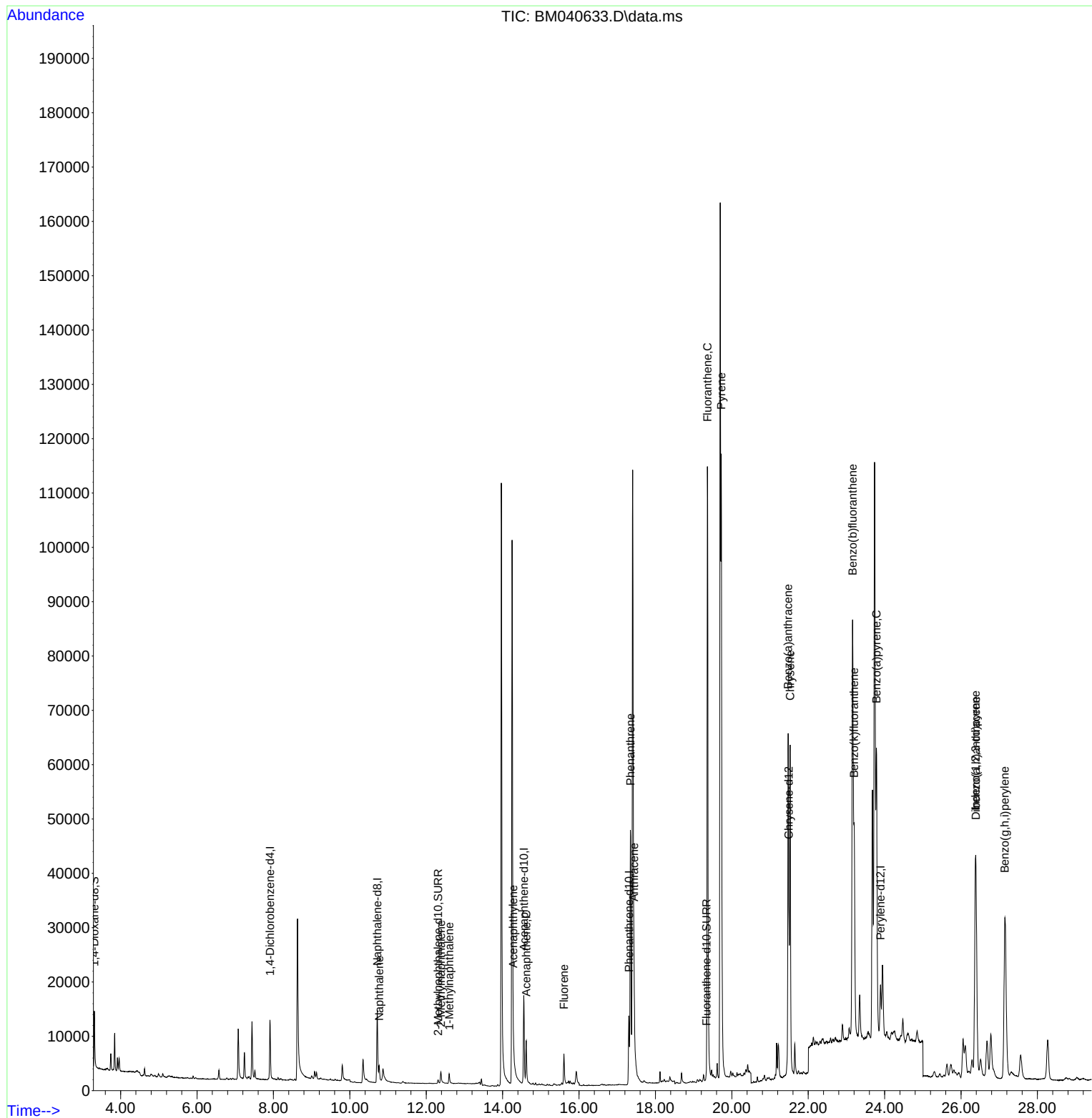
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040633.D
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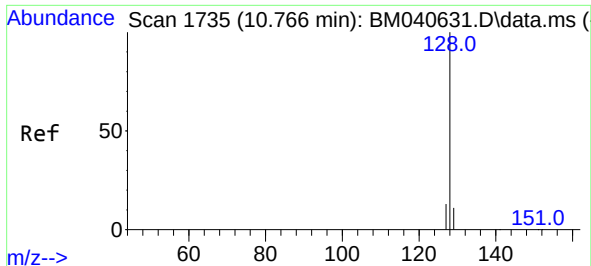
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Quant Time: Jul 05 12:11:11 2023
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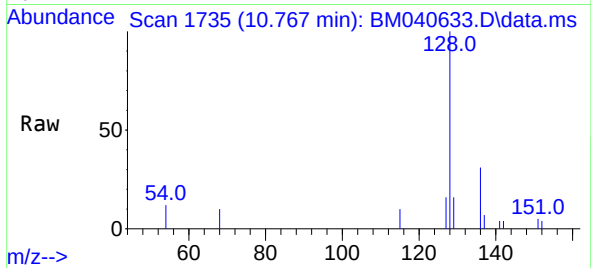
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.068 ng/u1
RT: 10.767 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

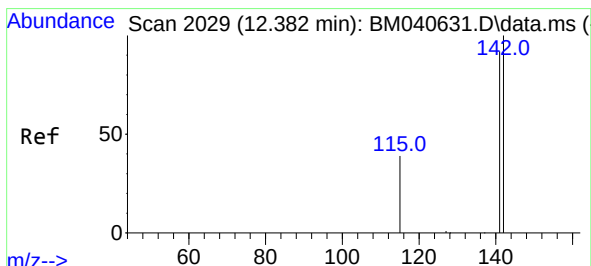
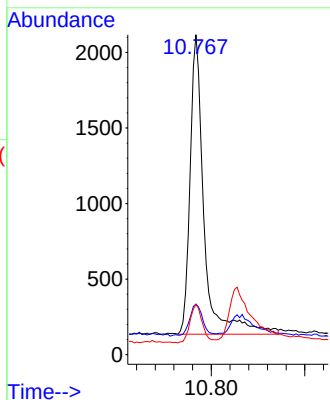
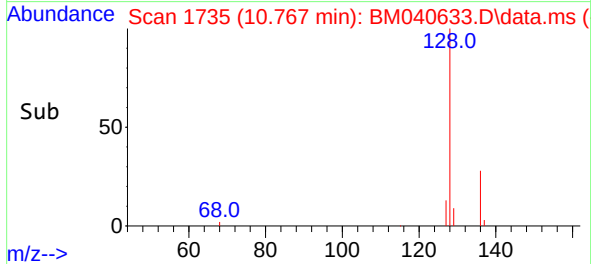
Instrument :
BNA_M
ClientSampleId :
DCGD7DL



Tgt Ion:128 Resp: 4120
Ion Ratio Lower Upper
128 100
129 15.8 9.2 13.8
127 15.7 10.6 15.8

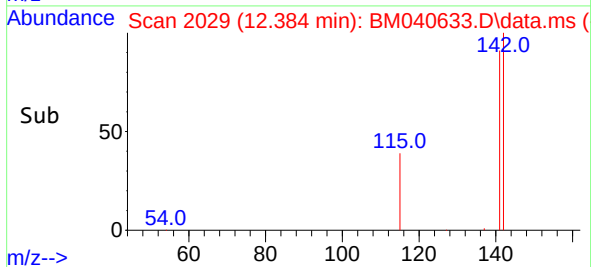
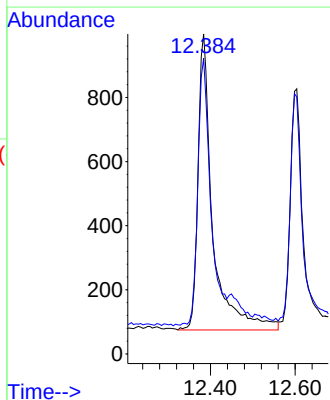
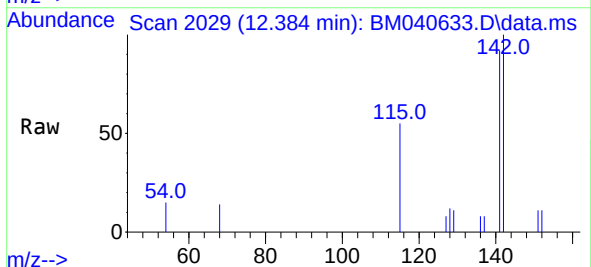
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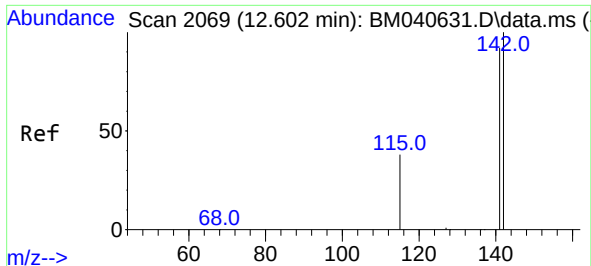
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.062 ng/u1
RT: 12.384 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

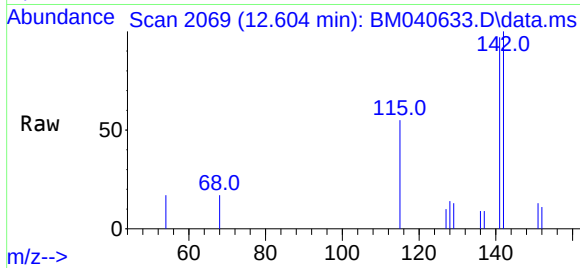
Tgt Ion:142 Resp: 2224
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/u1
RT: 12.604 min Scan# 2069
Delta R.T. 0.001 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

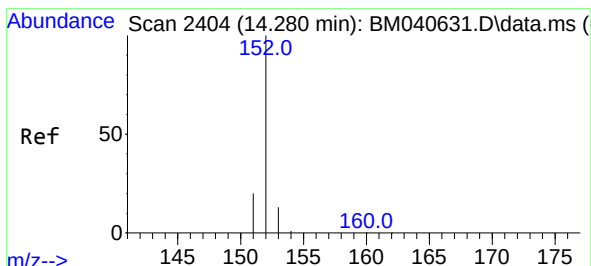
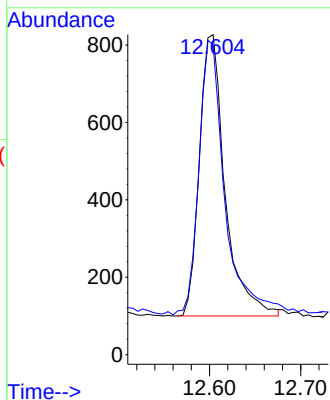
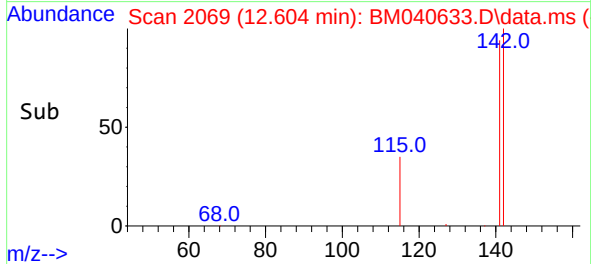
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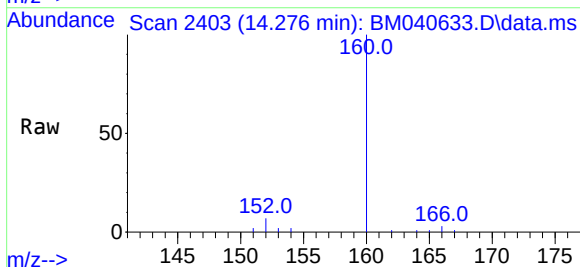
Tgt Ion:142 Resp: 142
Ion Ratio Lower Upper
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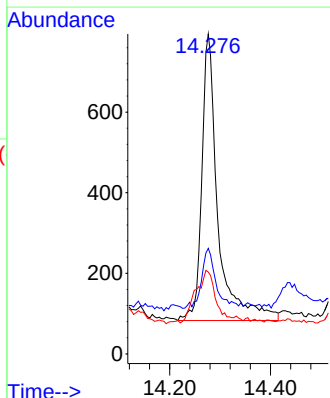
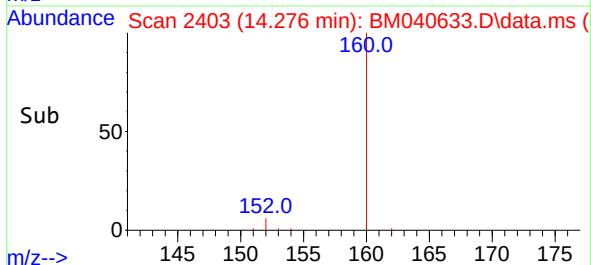
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

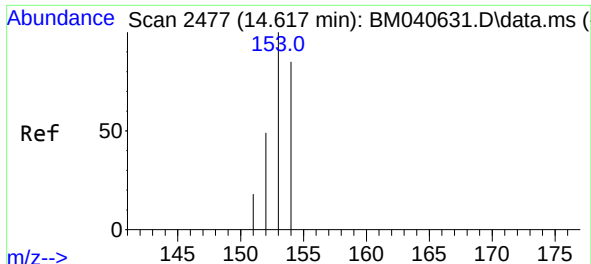


#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08



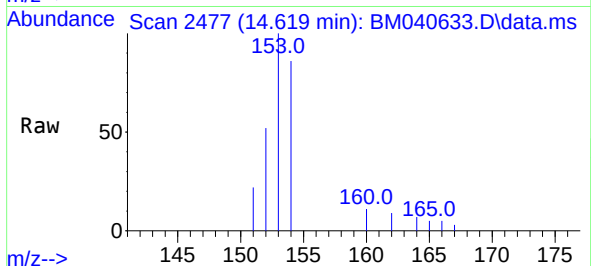
Tgt Ion:152 Resp: 1579
Ion Ratio Lower Upper
152 100
151 33.0 16.2 24.2#
153 25.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.137 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

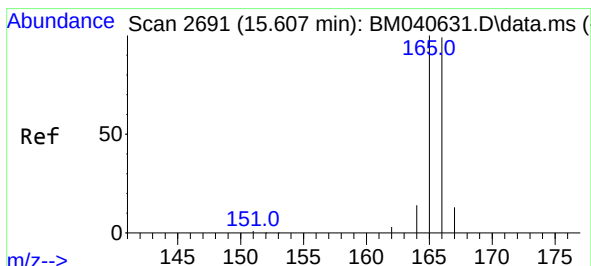
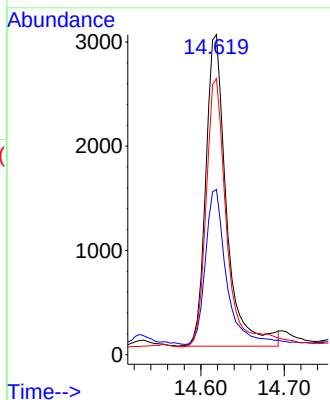
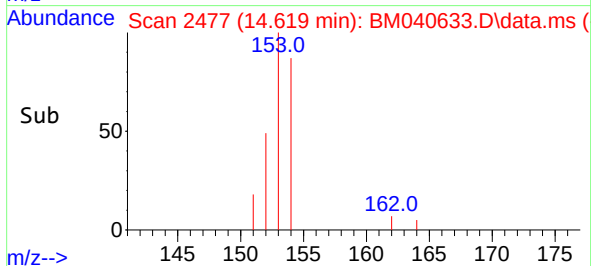
Instrument :
BNA_M
ClientSampleId :
DCGD7DL



Tgt Ion:153 Resp: 5170
Ion Ratio Lower Upper
153 100
152 51.7 41.0 61.4
154 86.3 70.8 106.2

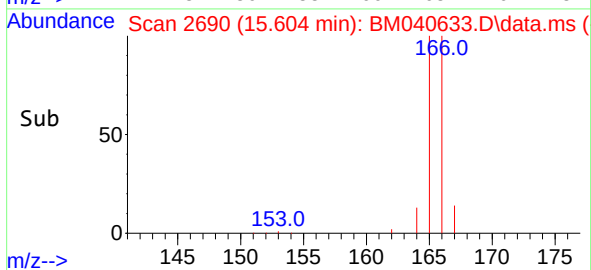
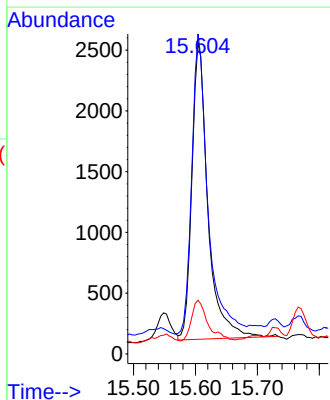
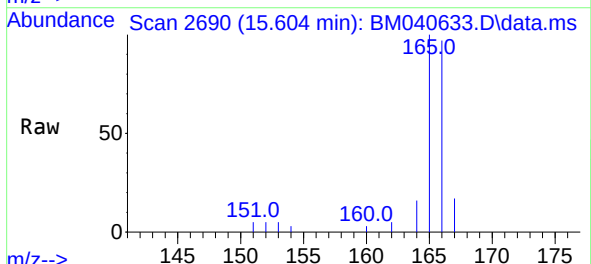
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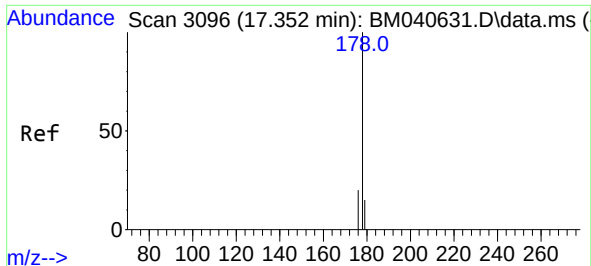
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.003 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

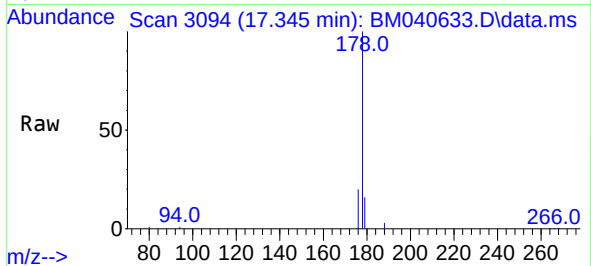
Tgt Ion:166 Resp: 4402
Ion Ratio Lower Upper
166 100
165 102.8 79.6 119.4
167 17.3 11.4 17.0#





#15
Phenanthrene
Concen: 1.100 ng/u1
RT: 17.345 min Scan# 3096
Delta R.T. -0.007 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

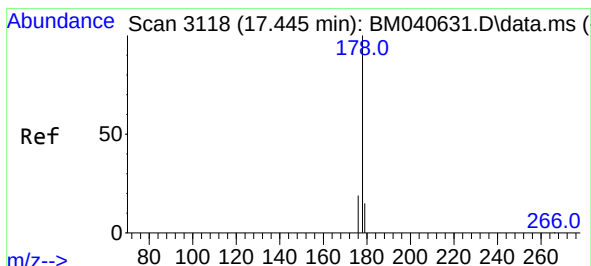
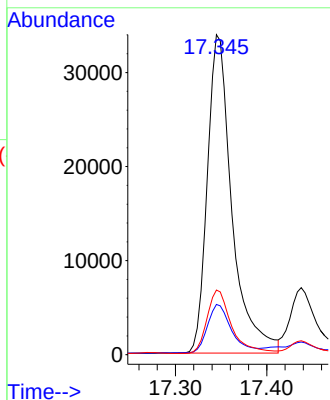
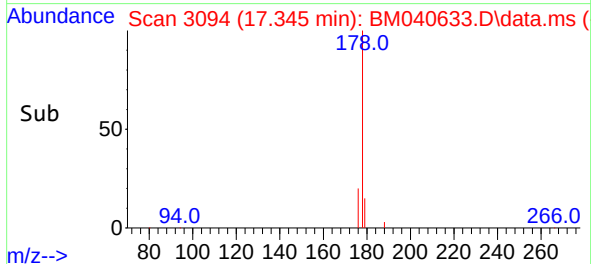
Instrument :
BNA_M
ClientSampleId :
DCGD7DL



Tgt Ion:178 Resp: 63428
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.2 16.4 24.6

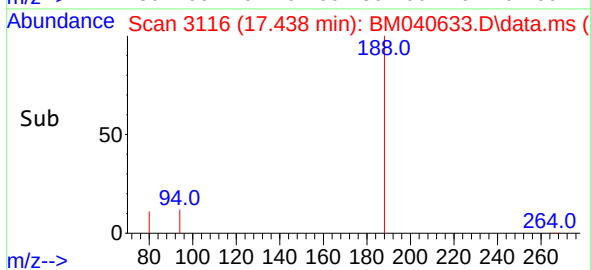
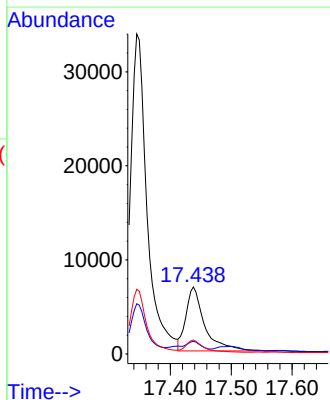
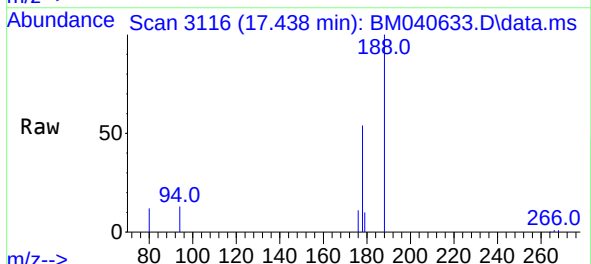
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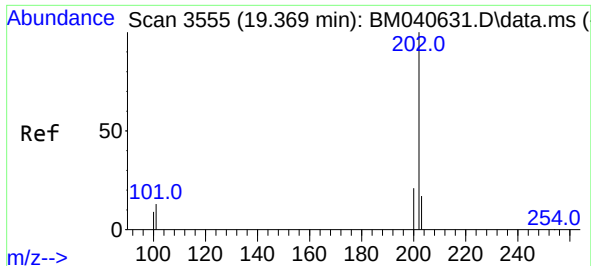
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.299 ng/u1
RT: 17.438 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

Tgt Ion:178 Resp: 14483
Ion Ratio Lower Upper
178 100
179 18.9 12.9 19.3
176 20.7 15.8 23.6





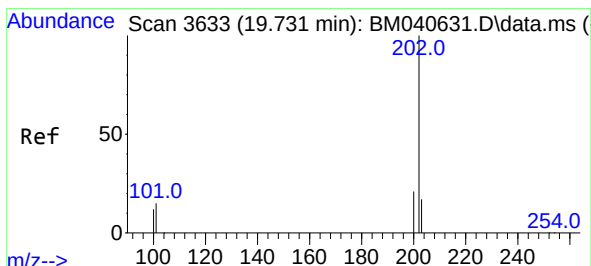
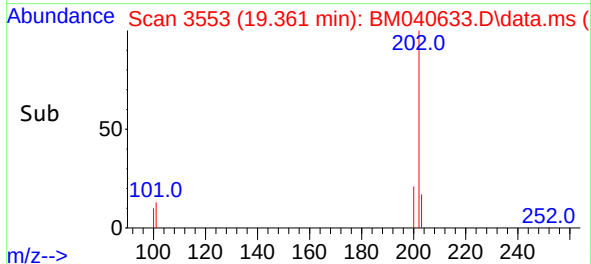
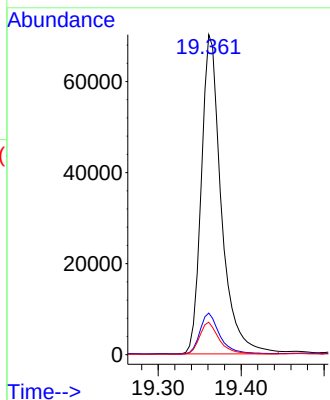
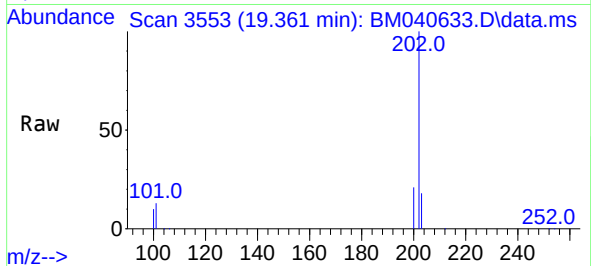
#19
Fluoranthene
Concen: 2.140 ng/u1
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

Instrument :
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ClientSampleId :
DCGD7DL

Tgt Ion:202 Resp: 11753
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.1 8.7 13.1

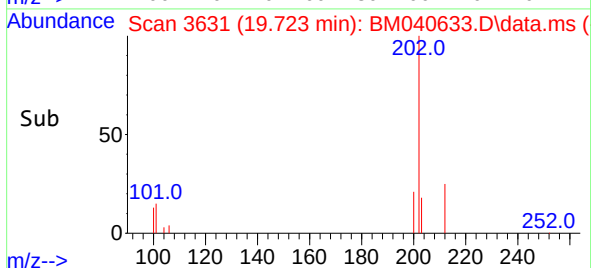
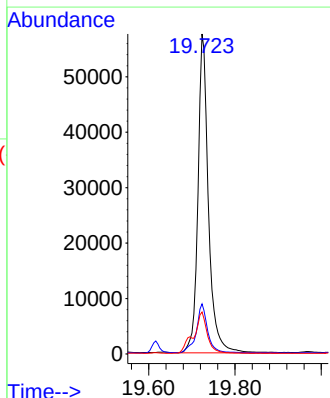
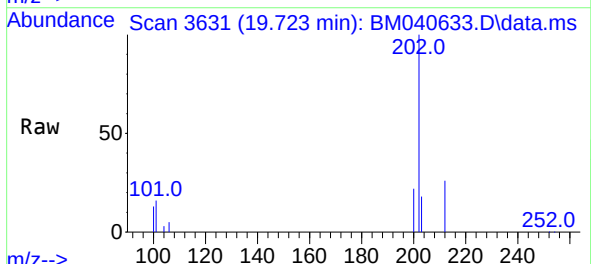
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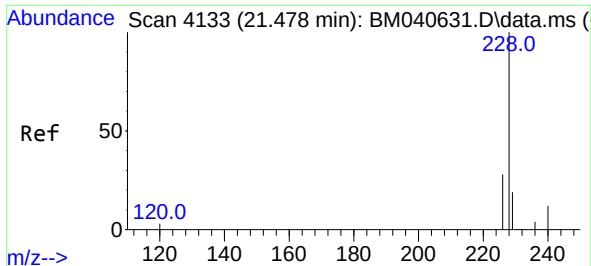
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 1.651 ng/u1
RT: 19.723 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

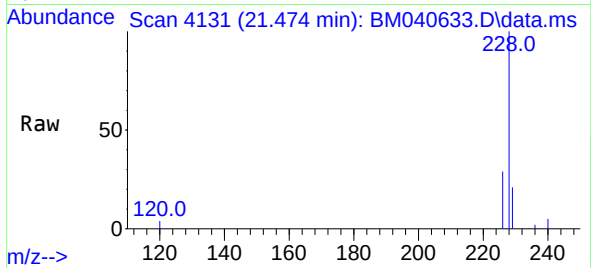
Tgt Ion:202 Resp: 97236
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 13.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.469 ng/ul
RT: 21.474 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

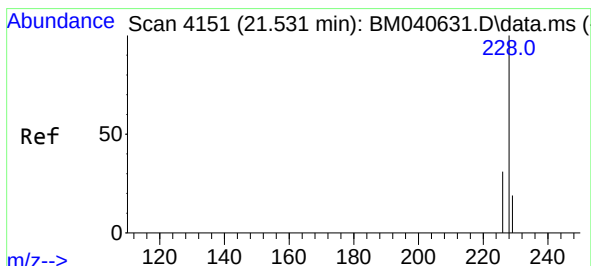
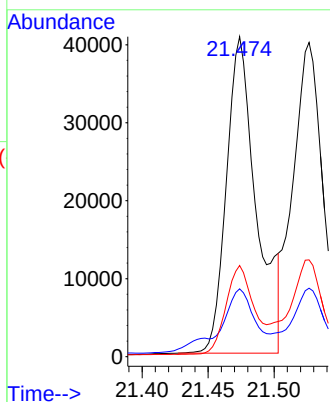
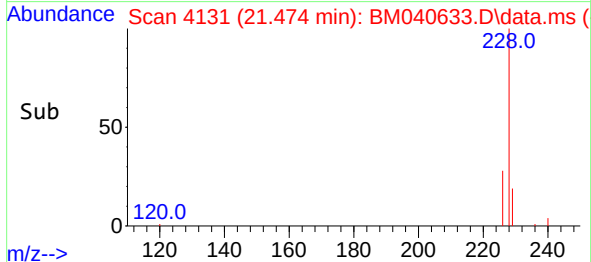
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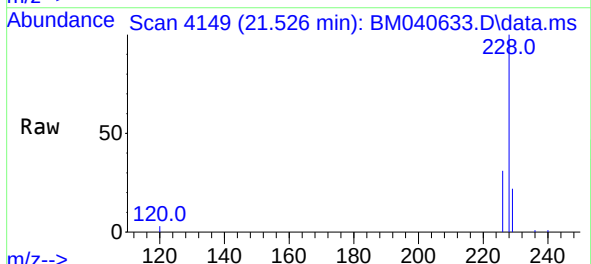
Tgt Ion:228 Resp: 6425
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.5 22.3 33.5

Manual Integrations
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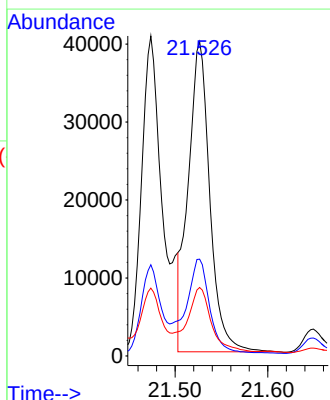
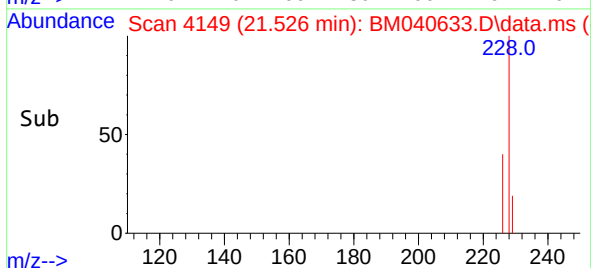
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Supervised By :mohammad ahmed 07/05/2023

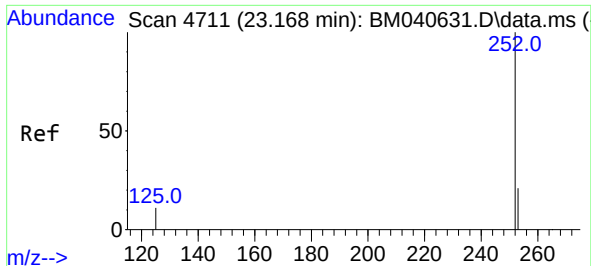


#22
Chrysene
Concen: 1.290 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08



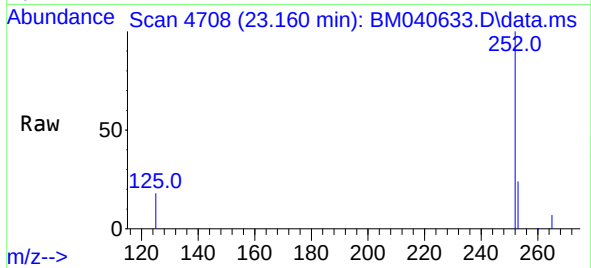
Tgt Ion:228 Resp: 64387
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.793 ng/ul
RT: 23.160 min Scan# 4711
Delta R.T. -0.007 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

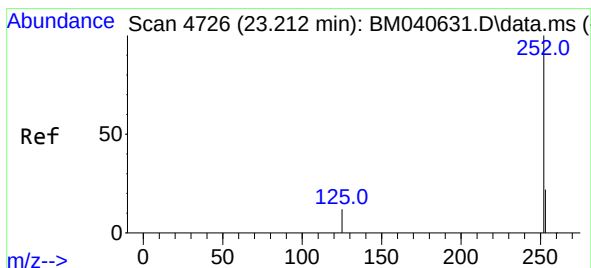
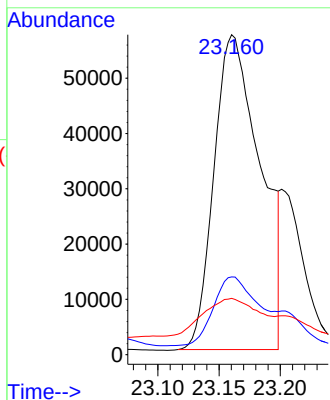
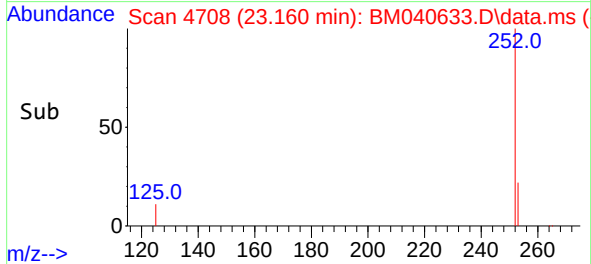
Instrument :
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DCGD7DL



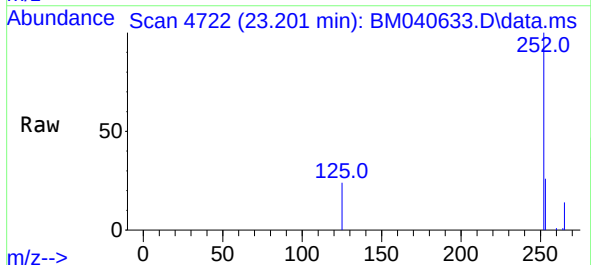
Tgt Ion:252 Resp: 14993
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 17.6 0.0 43.0

Manual Integrations
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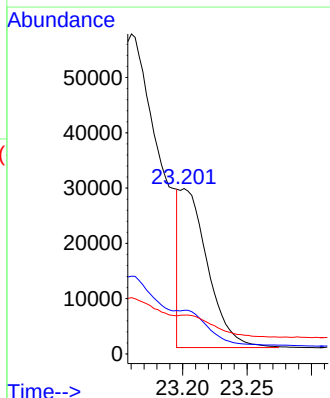
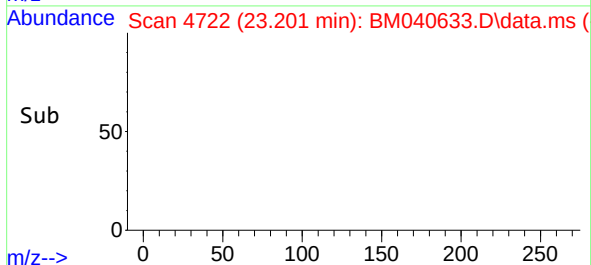
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

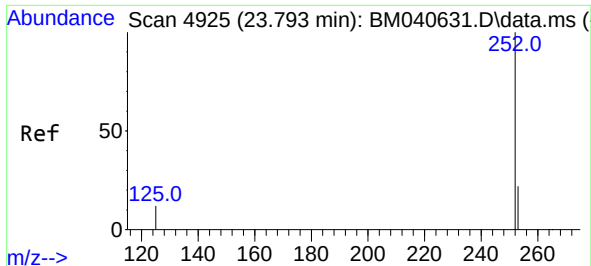


#25
Benzo(k)fluoranthene
Concen: 0.826 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08



Tgt Ion:252 Resp: 43699
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 23.5 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.714 ng/ul
RT: 23.786 min Scan# 4925
Delta R.T. -0.007 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

Instrument :

BNA_M

ClientSampleId :

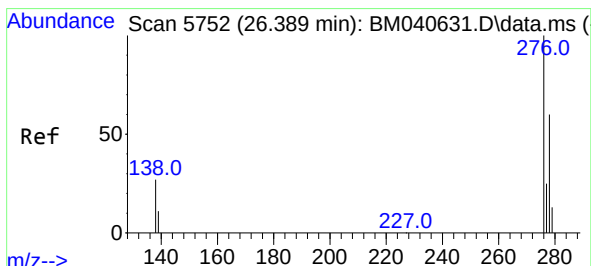
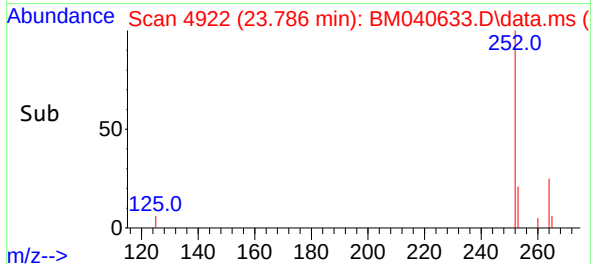
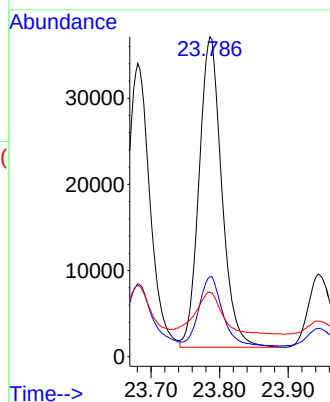
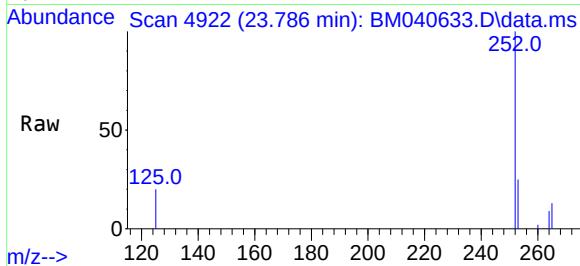
DCGD7DL

Tgt Ion:252 Resp: 8288
Ion Ratio Lower Upper
252 100
253 25.0 22.9 34.3
125 20.1 21.0 31.4

Manual Integrations

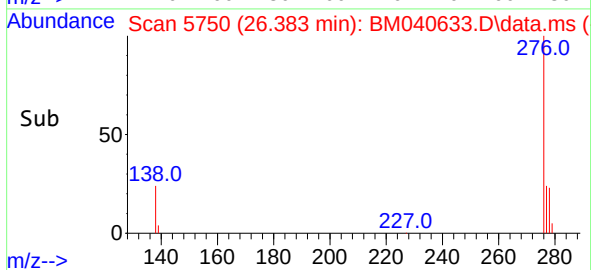
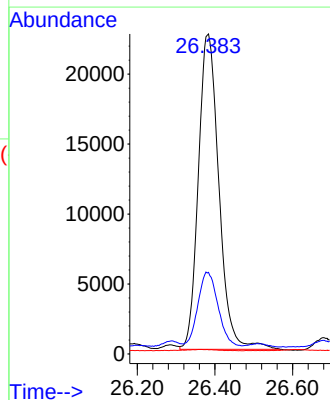
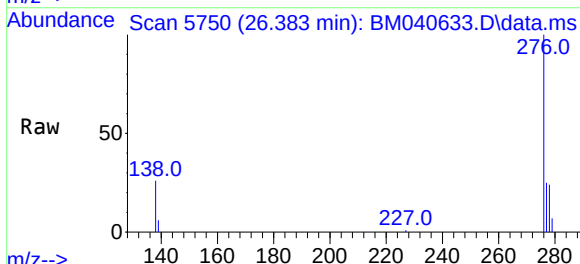
APPROVED

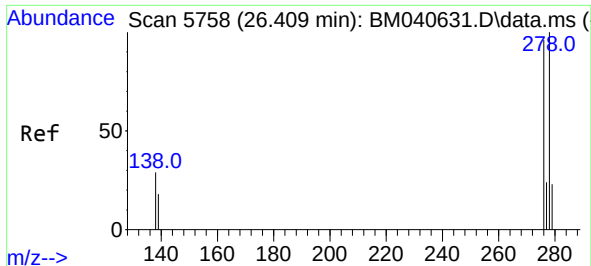
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.232 ng/ul
RT: 26.383 min Scan# 5750
Delta R.T. -0.005 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

Tgt Ion:276 Resp: 82968
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#





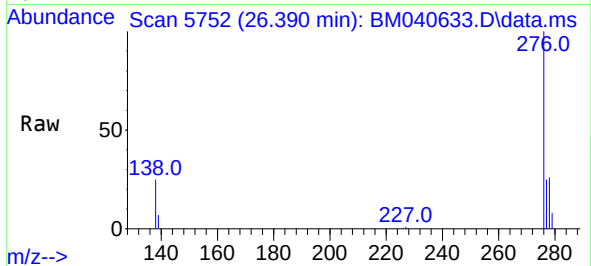
#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08

Instrument :

BNA_M

ClientSampleId :

DCGD7DL

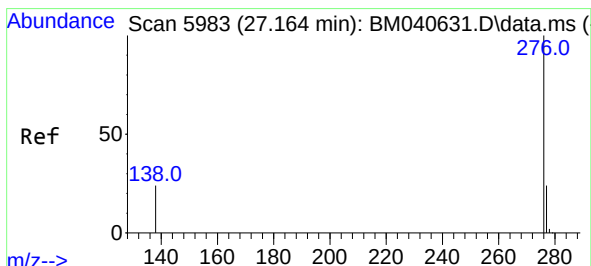
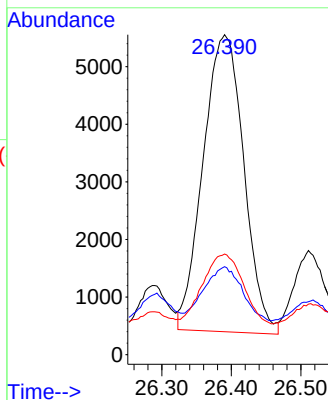
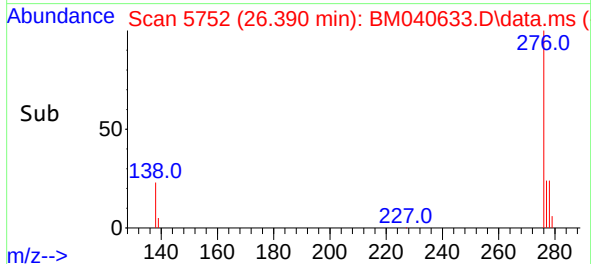


Tgt Ion:278 Resp: 2098
Ion Ratio Lower Upper
278 100
139 27.5 17.9 26.9
279 31.5 22.0 33.0

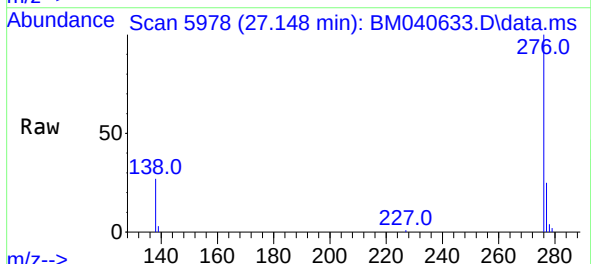
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.355 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.015 min
Lab File: BM040633.D
Acq: 05 Jul 2023 10:08



Tgt Ion:276 Resp: 79951
Ion Ratio Lower Upper
276 100
138 26.5 23.0 34.6
277 24.7 20.3 30.5

