

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040634.D
 Acq On : 05 Jul 2023 10:45
 Operator : MA/JU
 Sample : 03243-20DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 12:24:46 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	6250	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	23339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	10921	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	20332	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	13606	0.400	ng/ul	0.00
23) Perylene-d12	23.896	264	14485	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	8054	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	1708	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	2441	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.766	128	2638	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.382	142	1337	0.035	ng/ul	93
8) 1-Methylnaphthalene	12.602	142	890	0.024	ng/ul	99
10) Acenaphthylene	14.275	152	24817	0.509	ng/ul	99
12) Fluorene	15.607	166	1050	0.024	ng/ul#	88
15) Phenanthrene	17.348	178	9704	0.154	ng/ul	97
16) Anthracene	17.441	178	30830	0.581	ng/ul	100
19) Fluoranthene	19.364	202	39515	0.684	ng/ul	96
20) Pyrene	19.727	202	53452	0.863	ng/ul	98
21) Benzo(a)anthracene	21.475	228	38626	0.839	ng/ul	94
22) Chrysene	21.525	228	71074	1.354	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	210812	3.761	ng/ul	90
25) Benzo(k)fluoranthene	23.206	252	45056m	0.816	ng/ul	
26) Benzo(a)pyrene	23.787	252	100052	1.981	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.385	276	117189	1.666	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.389	278	30422	0.553	ng/ul	97
29) Benzo(g,h,i)perylene	27.153	276	105938	1.719	ng/ul	95

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

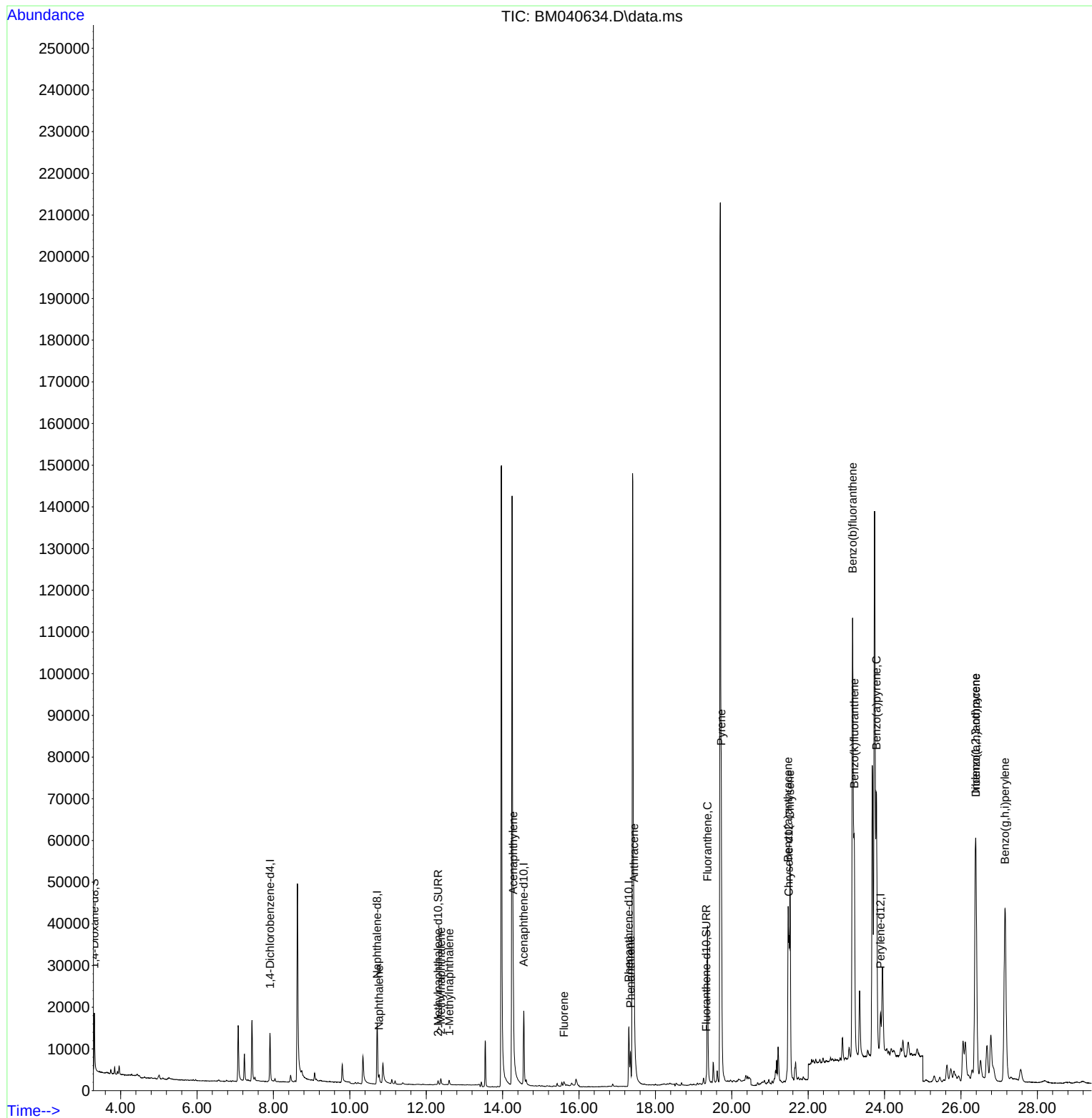
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040634.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

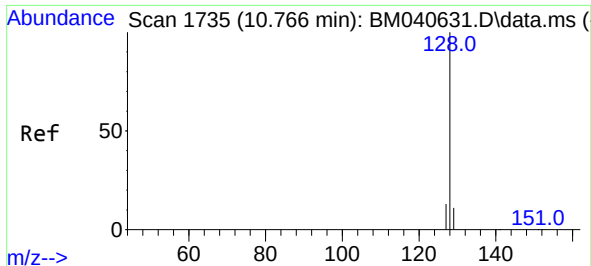
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Quant Time: Jul 05 12:24:46 2023
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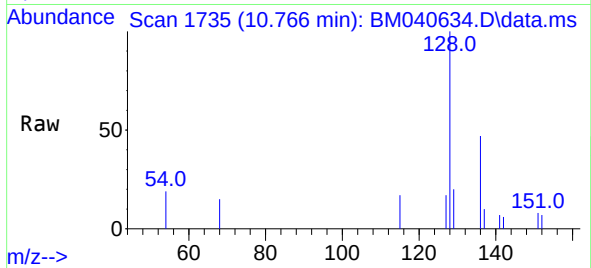
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.766 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

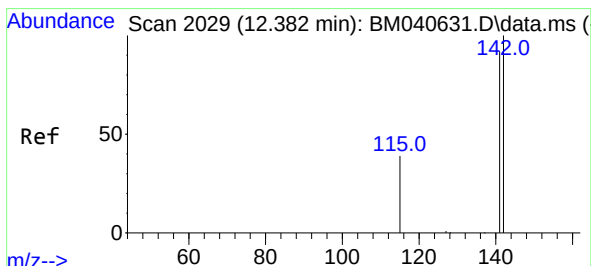
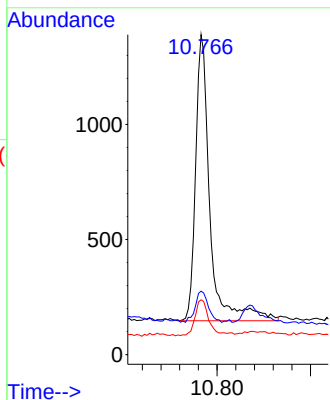
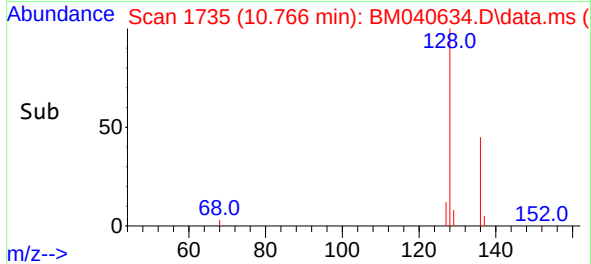
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BNA_M
ClientSampleId :
DCGE0DL



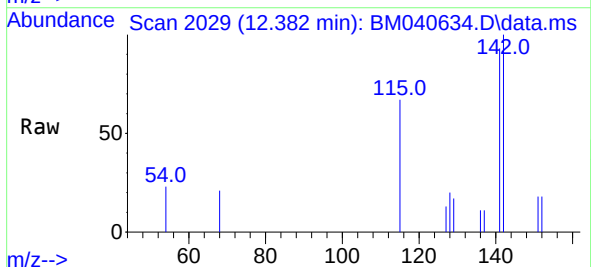
Tgt Ion:128 Resp: 2638
Ion Ratio Lower Upper
128 100
129 19.9 9.2 13.8
127 17.1 10.6 15.8

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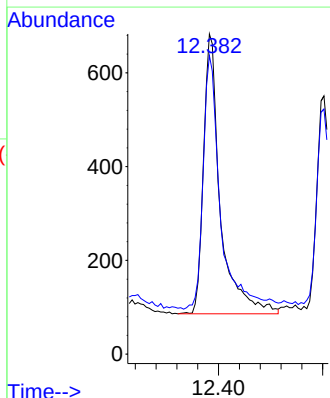
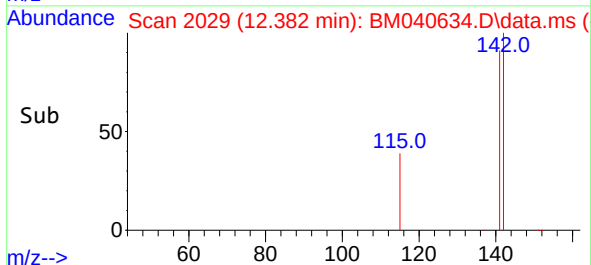
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

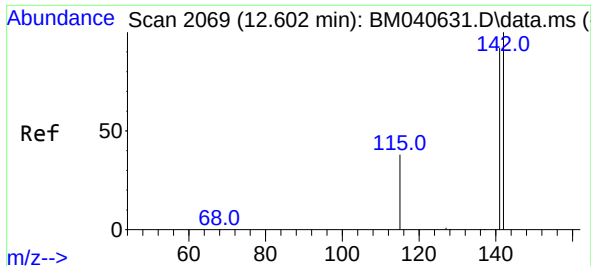


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.382 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



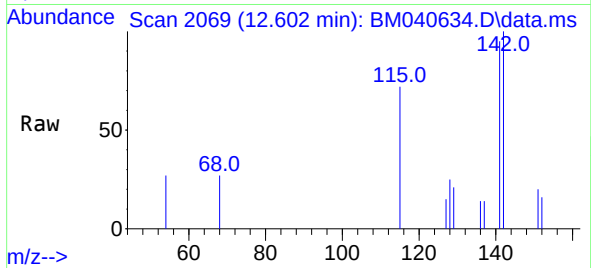
Tgt Ion:142 Resp: 1337
Ion Ratio Lower Upper
142 100
141 96.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.602 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

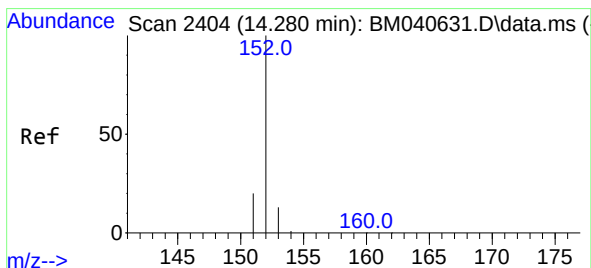
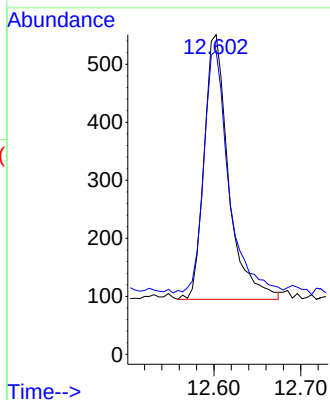
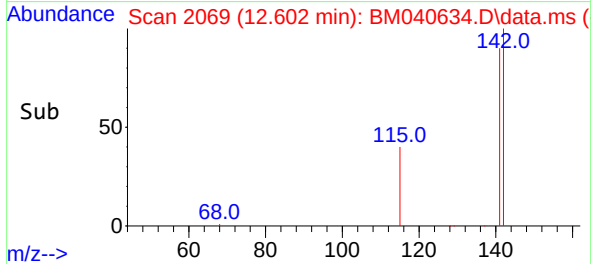
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BNA_M
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Tgt Ion:142 Resp: 890
Ion Ratio Lower Upper
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141 93.5 73.7 110.5

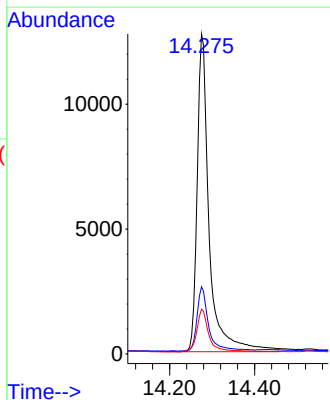
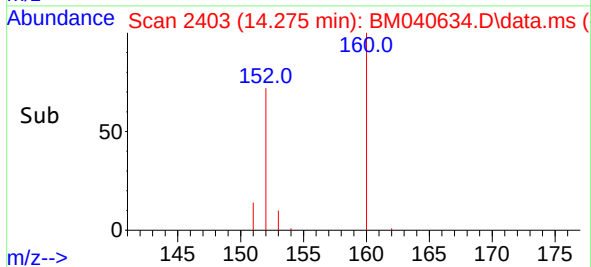
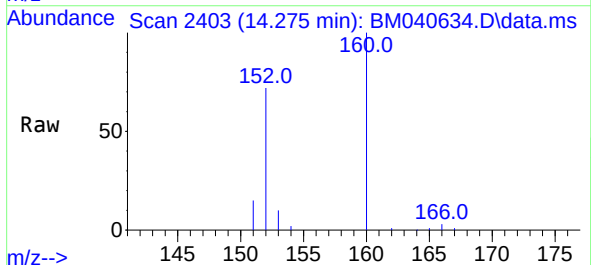
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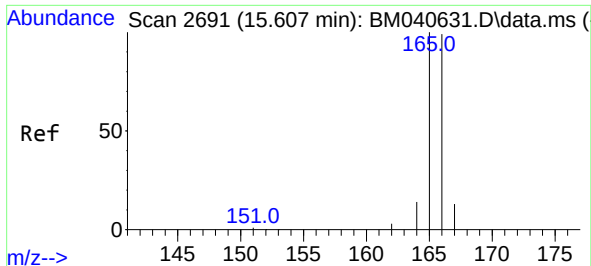
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.509 ng/ul
RT: 14.275 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

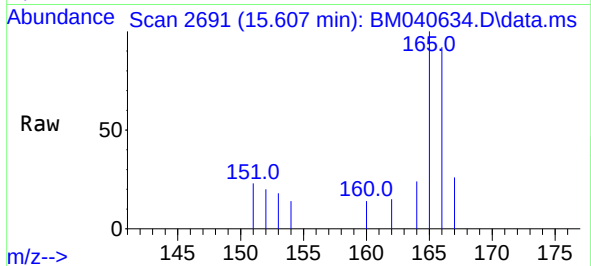
Tgt Ion:152 Resp: 24817
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 14.0 10.9 16.3





#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.607 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

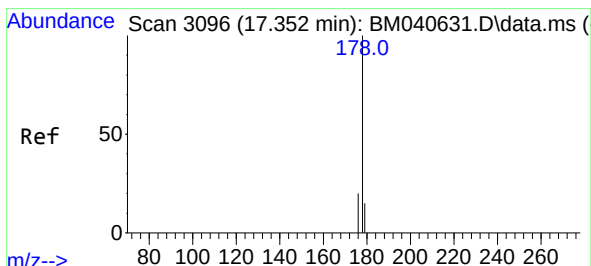
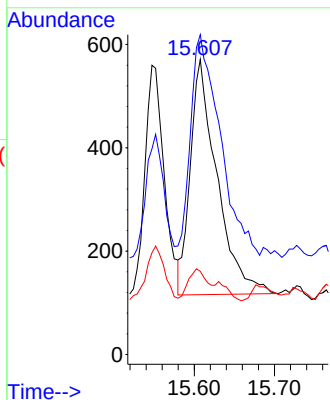
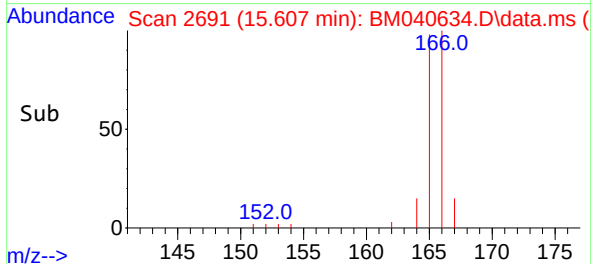
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ClientSampleId :
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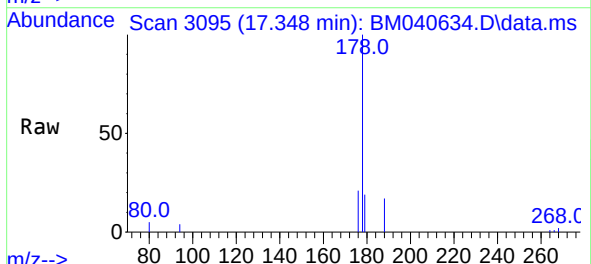
Tgt Ion:166 Resp: 1050
Ion Ratio Lower Upper
166 100
165 108.4 79.6 119.4
167 28.2 11.4 17.0

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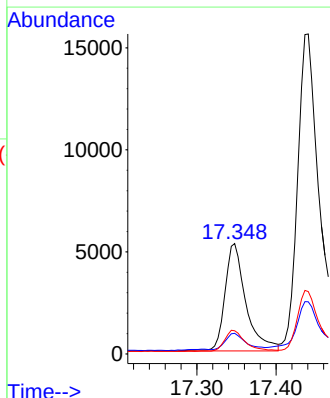
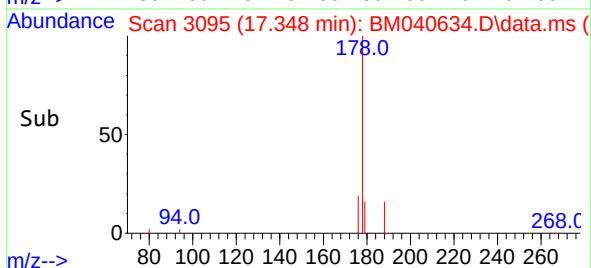
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

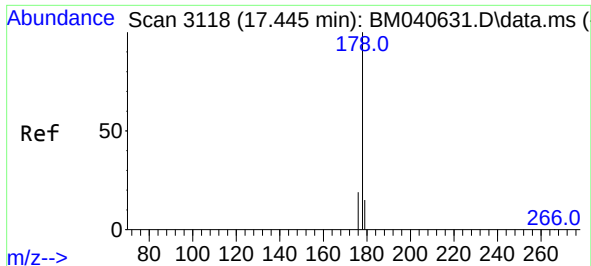


#15
Phenanthrene
Concen: 0.154 ng/u1
RT: 17.348 min Scan# 3095
Delta R.T. -0.004 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



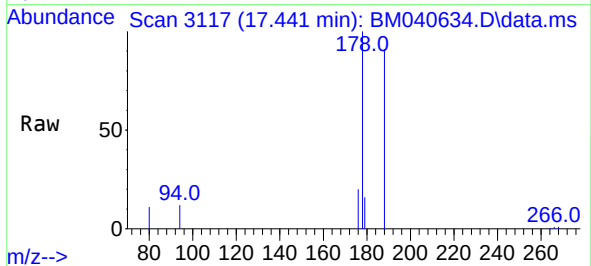
Tgt Ion:178 Resp: 9704
Ion Ratio Lower Upper
178 100
179 18.7 12.8 19.2
176 21.0 16.4 24.6





#16
 Anthracene
 Concen: 0.581 ng/u1
 RT: 17.441 min Scan# 3118
 Delta R.T. -0.004 min
 Lab File: BM040634.D
 Acq: 05 Jul 2023 10:45

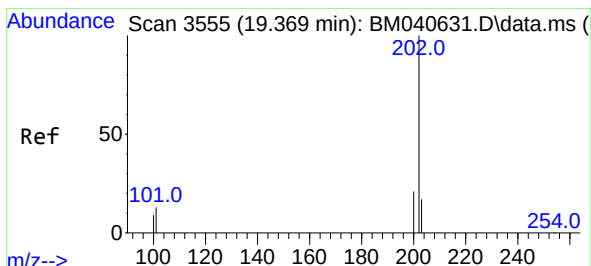
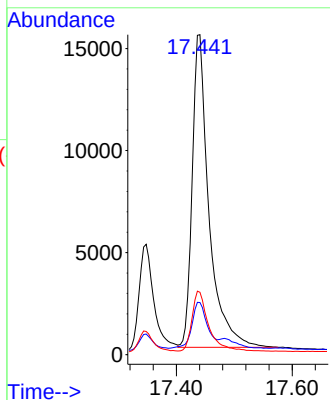
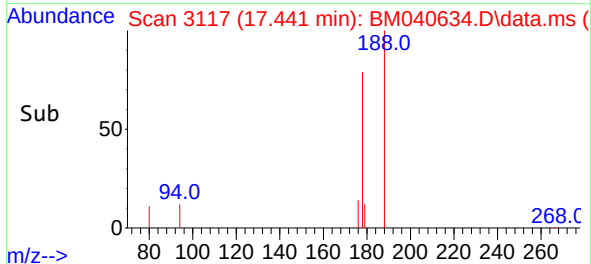
Instrument :
 BNA_M
 ClientSampleId :
 DCGE0DL



Tgt Ion:178 Resp: 30830
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.9 19.3
 176 19.5 15.8 23.6

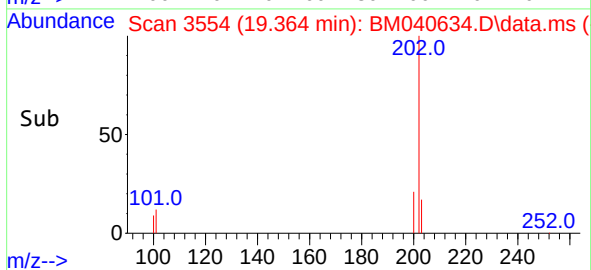
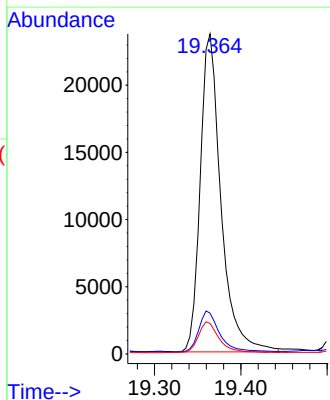
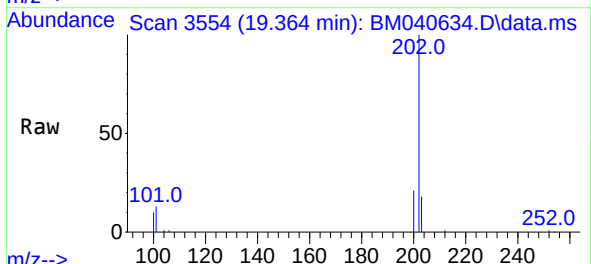
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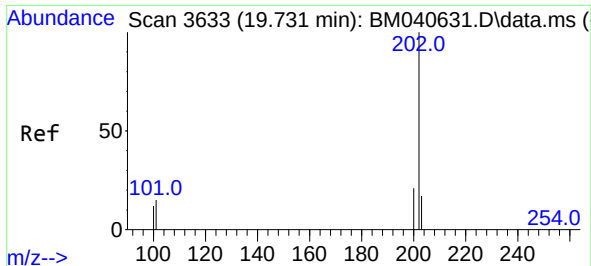
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.684 ng/u1
 RT: 19.364 min Scan# 3554
 Delta R.T. -0.005 min
 Lab File: BM040634.D
 Acq: 05 Jul 2023 10:45

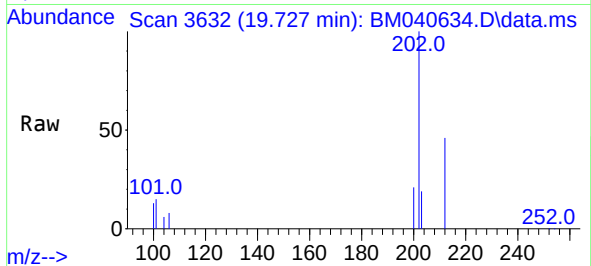
Tgt Ion:202 Resp: 39515
 Ion Ratio Lower Upper
 202 100
 101 12.7 11.4 17.0
 100 9.5 8.7 13.1





#20
Pyrene
Concen: 0.863 ng/u1
RT: 19.727 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

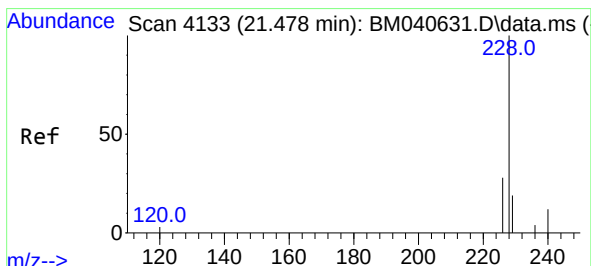
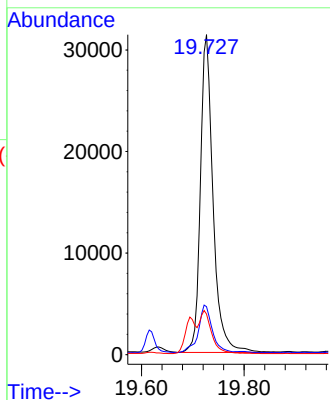
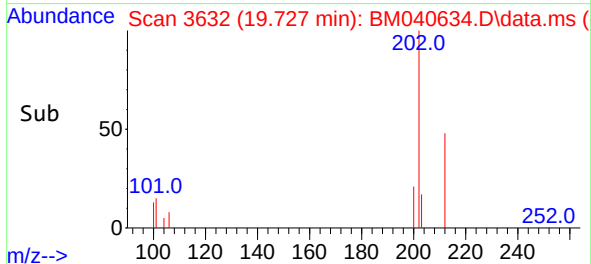
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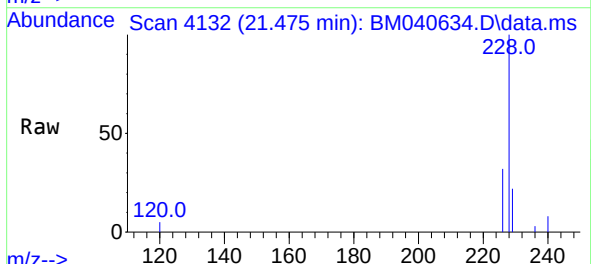
Tgt Ion:202 Resp: 53452
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.7 9.8 14.6

Manual Integrations
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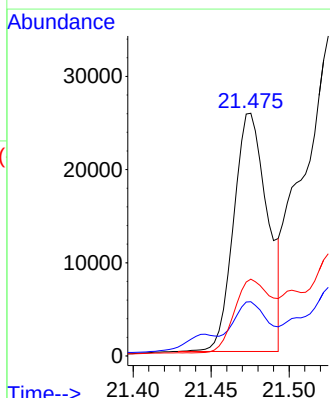
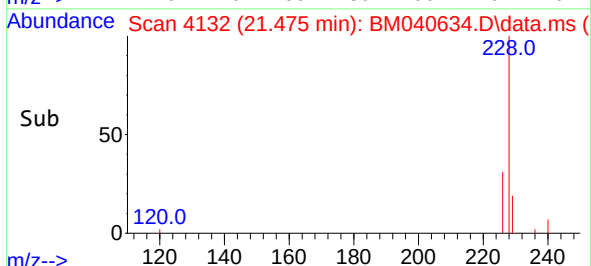
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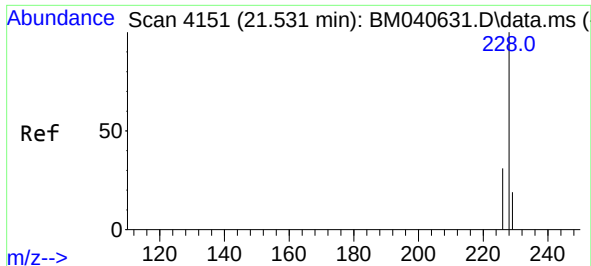


#21
Benzo(a)anthracene
Concen: 0.839 ng/u1
RT: 21.475 min Scan# 4132
Delta R.T. -0.003 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



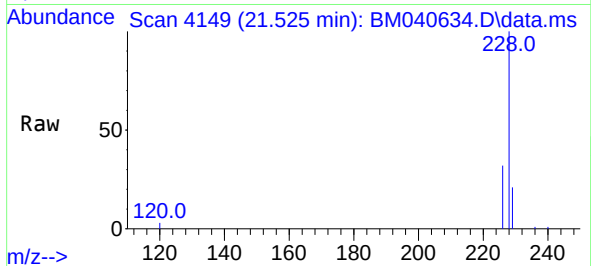
Tgt Ion:228 Resp: 38626
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 31.6 22.3 33.5





#22
Chrysene
Concen: 1.354 ng/ul
RT: 21.525 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

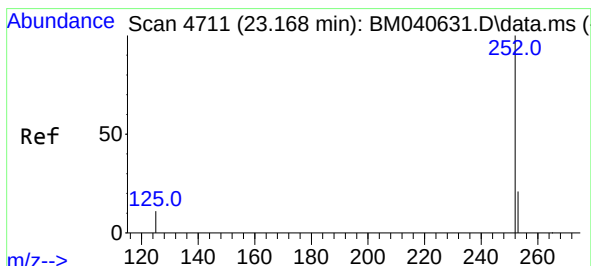
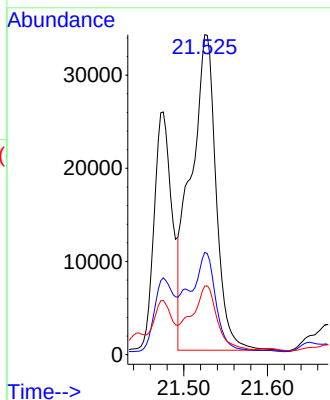
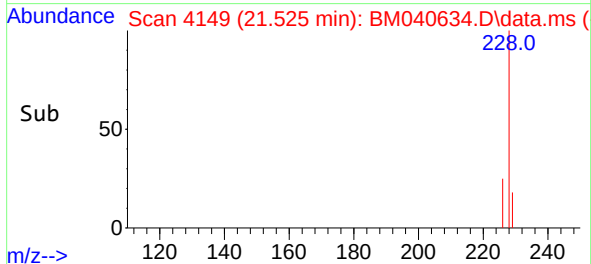
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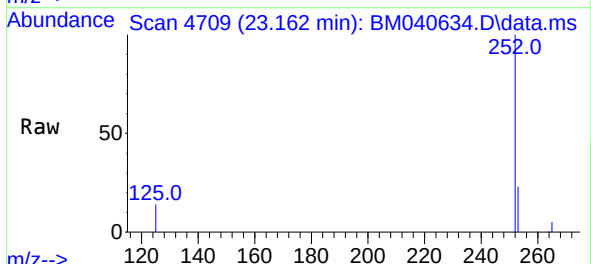
Tgt Ion:228 Resp: 71074
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 21.5 15.8 23.6

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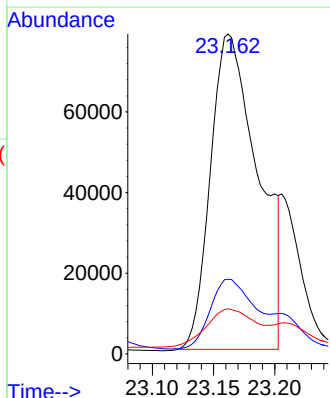
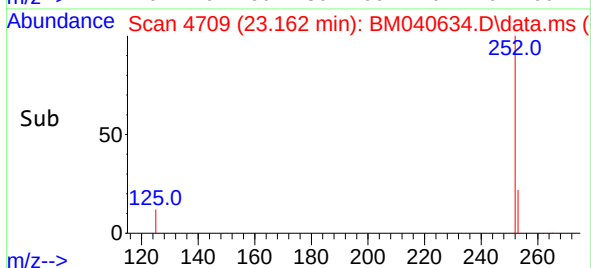
Reviewed By :Yogesh Patel 07/05/2023
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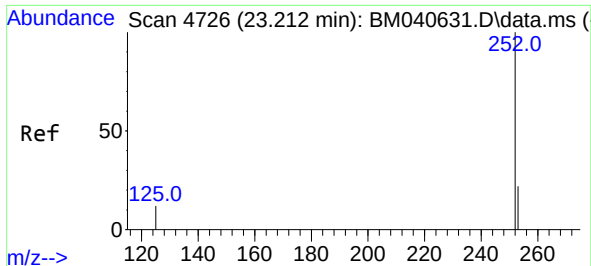


#24
Benzo(b)fluoranthene
Concen: 3.761 ng/ul
RT: 23.162 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



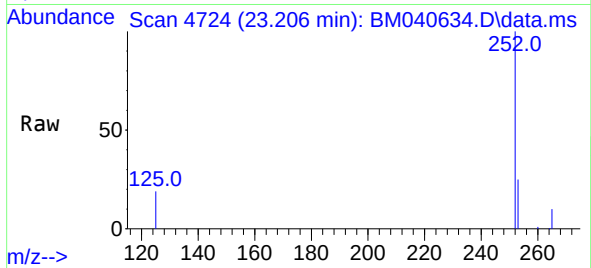
Tgt Ion:252 Resp: 210812
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 14.1 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.816 ng/ul m
RT: 23.206 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

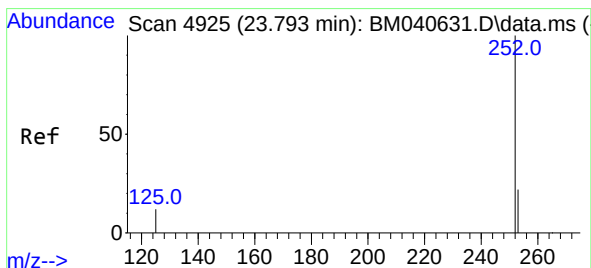
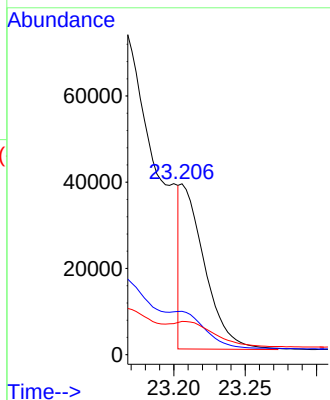
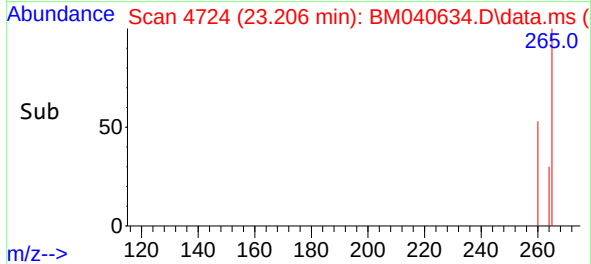
Instrument :
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ClientSampleId :
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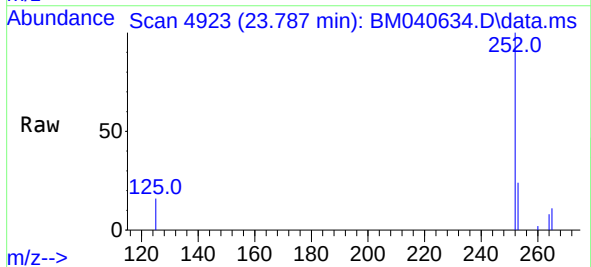
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Ion Ratio Lower Upper
252 100
253 25.4 21.2 31.8
125 19.4 16.4 24.6

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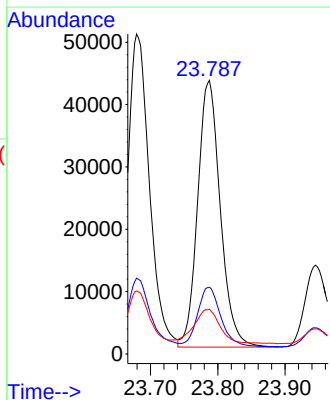
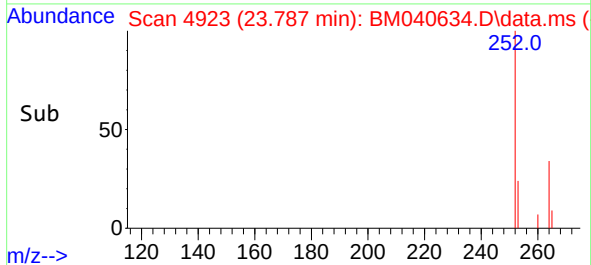
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

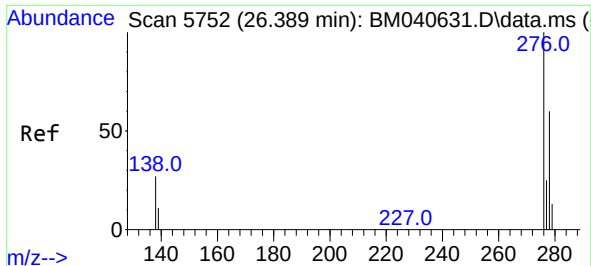


#26
Benzo(a)pyrene
Concen: 1.981 ng/ul
RT: 23.787 min Scan# 4923
Delta R.T. -0.006 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



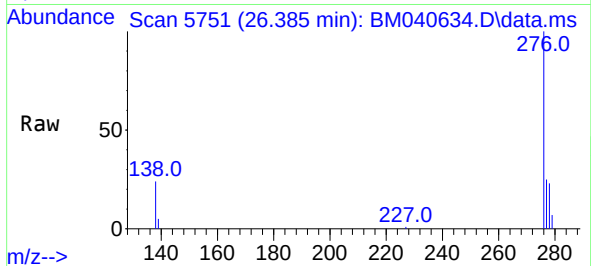
Tgt Ion:252 Resp: 100052
Ion Ratio Lower Upper
252 100
253 24.4 22.9 34.3
125 16.4 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.666 ng/ul
RT: 26.385 min Scan# 5751
Delta R.T. -0.003 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

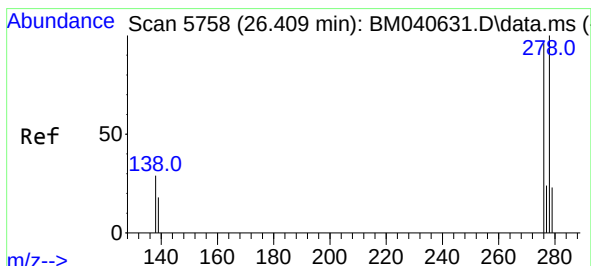
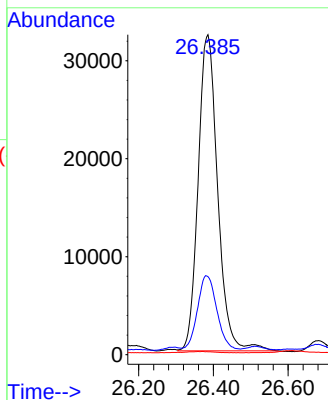
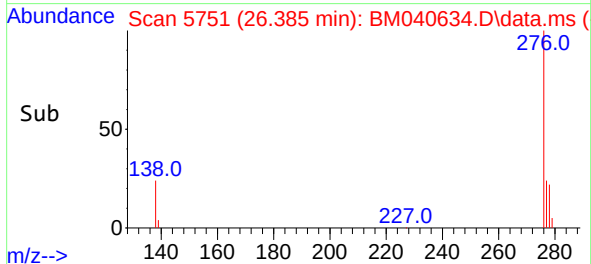
Instrument :
BNA_M
ClientSampleId :
DCGE0DL



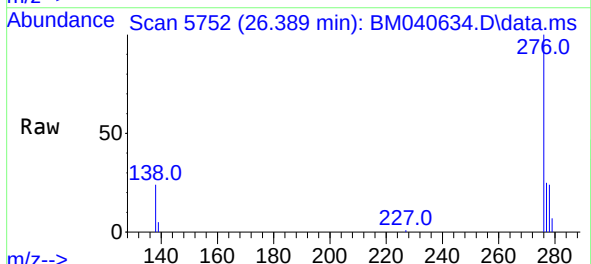
Tgt Ion:276 Resp: 117189
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
APPROVED

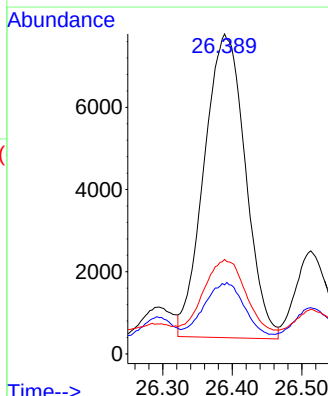
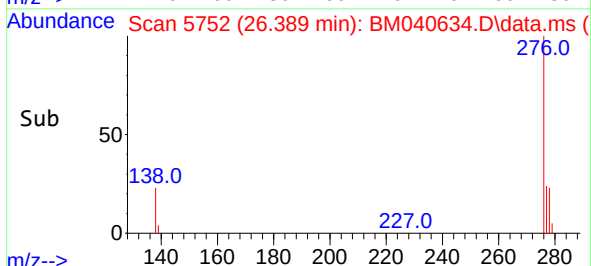
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

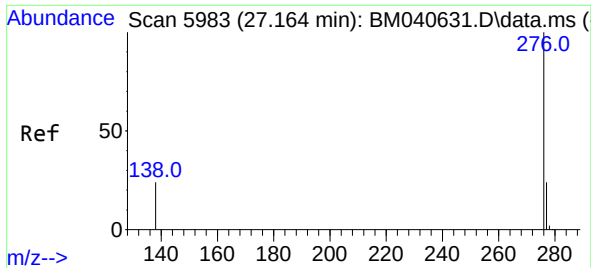


#28
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.389 min Scan# 5752
Delta R.T. -0.020 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45



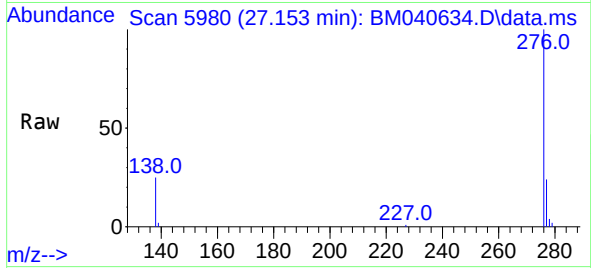
Tgt Ion:278 Resp: 30422
Ion Ratio Lower Upper
278 100
139 21.6 17.9 26.9
279 29.5 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 1.719 ng/ul
RT: 27.153 min Scan# 5983
Delta R.T. -0.010 min
Lab File: BM040634.D
Acq: 05 Jul 2023 10:45

Instrument :
BNA_M
ClientSampleId :
DCGE0DL



Tgt Ion:276 Resp: 105938
Ion Ratio Lower Upper
276 100
138 25.1 23.0 34.6
277 24.2 20.3 30.5

Manual Integrations
APPROVED

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

