

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040551.D
 Acq On : 02 Jul 2023 22:31
 Operator : MA/JU
 Sample : 03161-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 02:35:02 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	14714	0.400	ng/ul	0.00
4) Naphthalene-d8	10.733	136	51140	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.571	164	22605	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	41278	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	26715	0.400	ng/ul	0.00
23) Perylene-d12	23.913	264	36762	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	9401	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	2022	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	2739	0.032	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.788	128	25906	0.184	ng/ul	99
7) 2-Methylnaphthalene	12.399	142	8681	0.105	ng/ul	99
8) 1-Methylnaphthalene	12.619	142	6695	0.081	ng/ul	100
10) Acenaphthylene	14.294	152	52160	0.517	ng/ul	100
11) Acenaphthene	14.631	153	20704	0.243	ng/ul	99
12) Fluorene	15.621	166	20457	0.225	ng/ul	99
15) Phenanthrene	17.360	178	435911	3.400	ng/ul	98
16) Anthracene	17.453	178	97488	0.905	ng/ul	99
19) Fluoranthene	19.378	202	1094615	9.646	ng/ul	95
20) Pyrene	19.741	202	904856	7.437	ng/ul	95
21) Benzo(a)anthracene	21.484	228	513799	5.686	ng/ul	98
22) Chrysene	21.537	228	553950	5.374	ng/ul	98
24) Benzo(b)fluoranthene	23.179	252	1031488	7.250	ng/ul	87
25) Benzo(k)fluoranthene	23.220	252	361502m	2.578	ng/ul	
26) Benzo(a)pyrene	23.808	252	714681	5.577	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.419	276	610218	3.419	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.426	278	150200	1.075	ng/ul	95
29) Benzo(g,h,i)perylene	27.194	276	548092	3.504	ng/ul	94

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

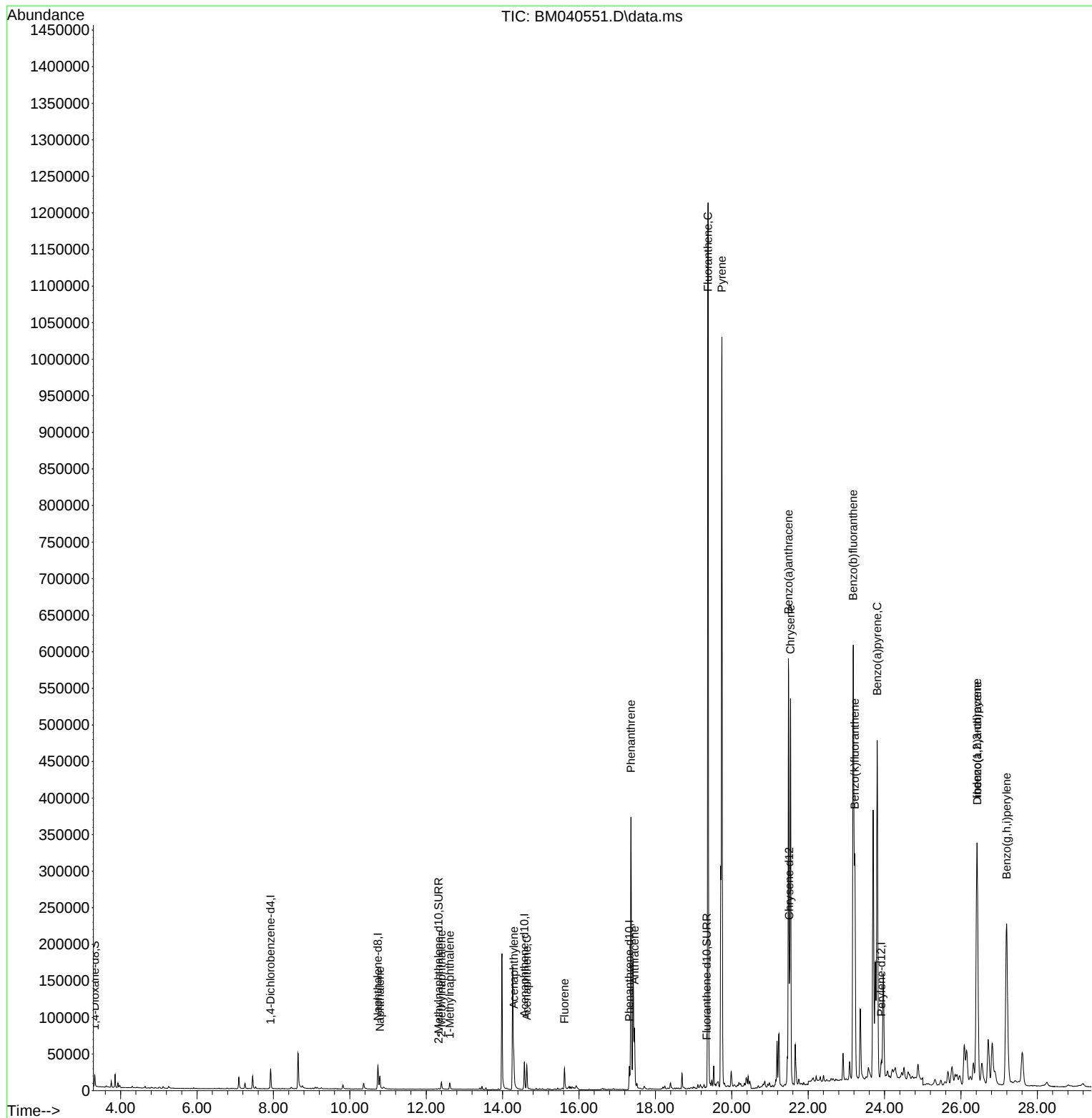
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040551.D
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ALS Vial : 8 Sample Multiplier: 1

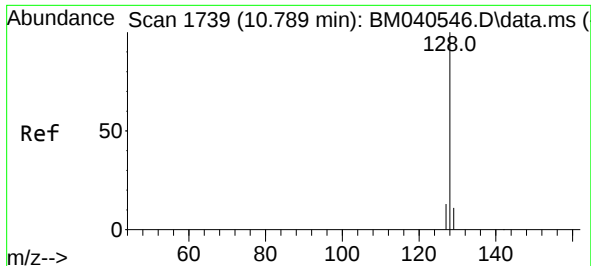
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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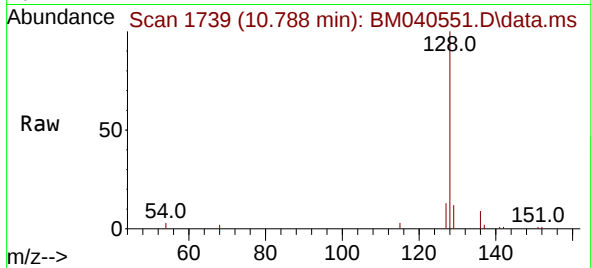
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023





#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

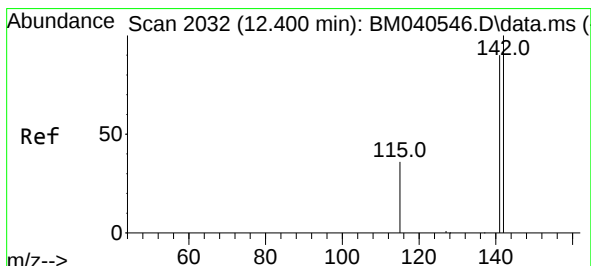
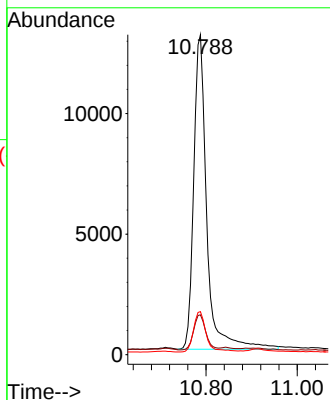
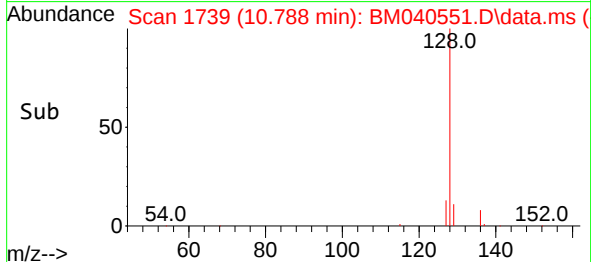
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



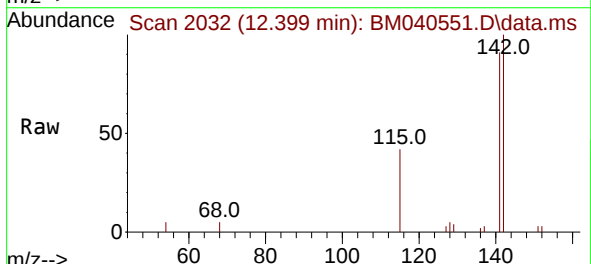
Tgt Ion:128 Resp: 25900
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.4 10.6 15.8

Manual Integrations
APPROVED

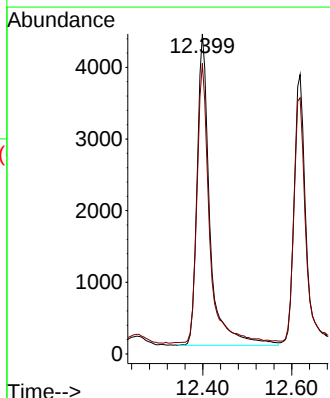
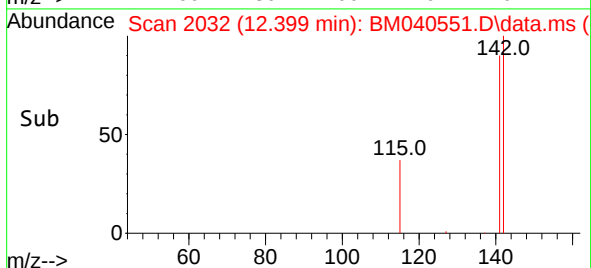
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

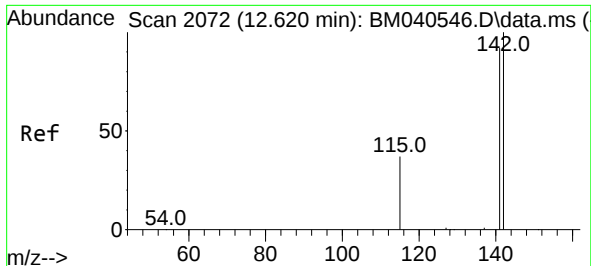


#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.399 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31



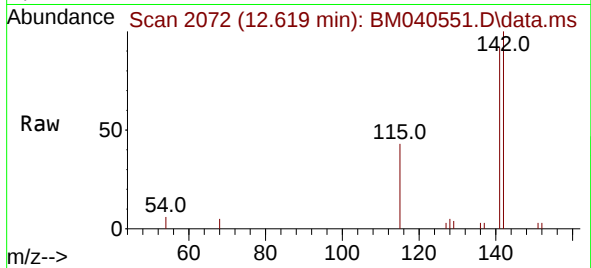
Tgt Ion:142 Resp: 8681
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

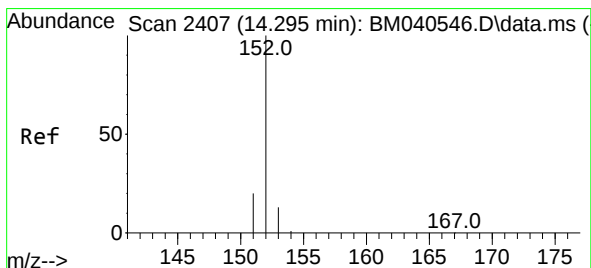
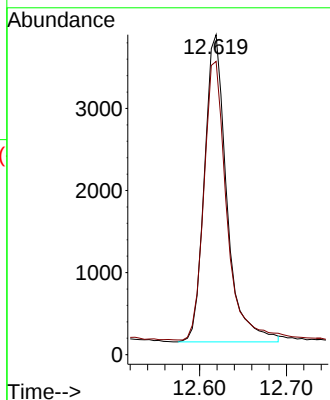
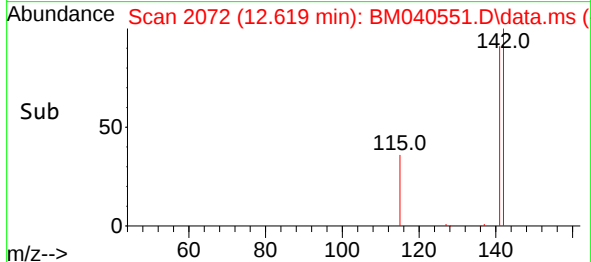
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



Tgt Ion:142 Resp: 669
Ion Ratio Lower Upper
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141 92.2 73.7 110.5

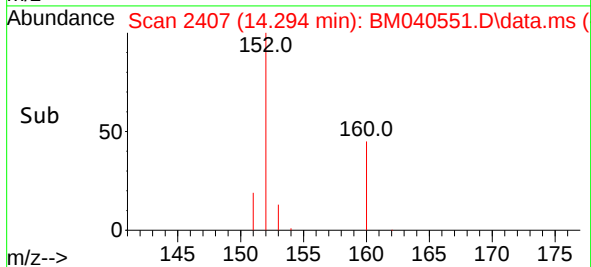
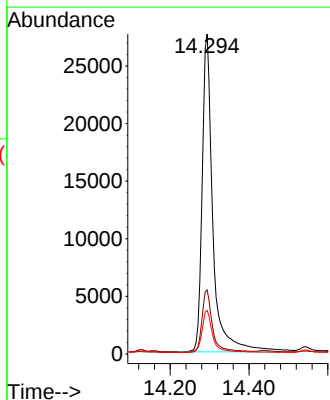
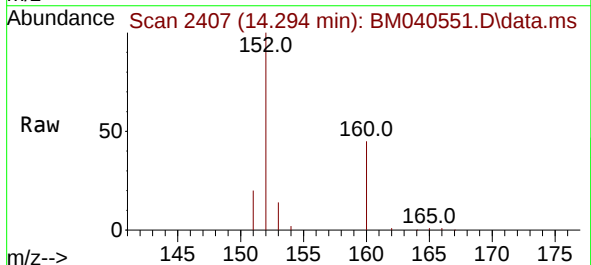
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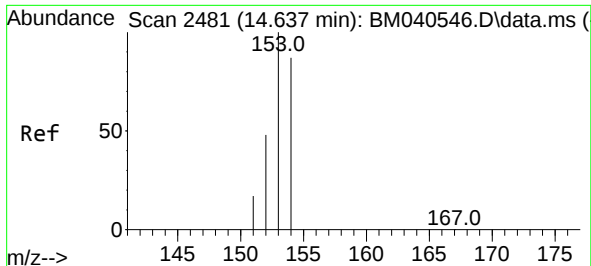
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.517 ng/ul
RT: 14.294 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

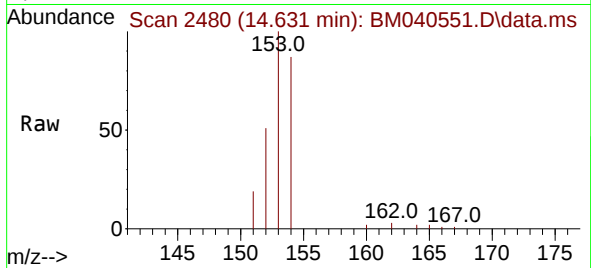
Tgt Ion:152 Resp: 52160
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.243 ng/ul
RT: 14.631 min Scan# 2481
Delta R.T. -0.010 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

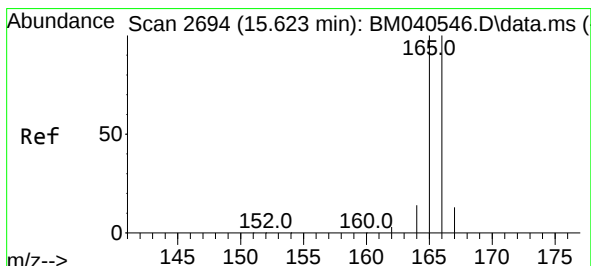
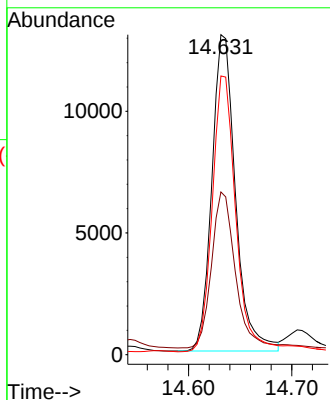
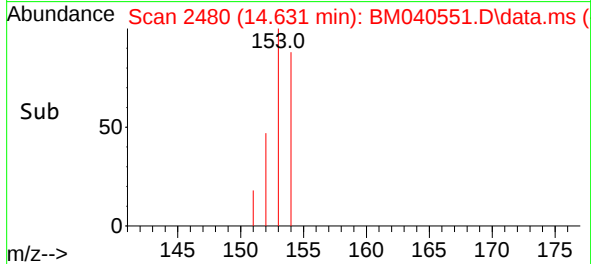
Instrument :
BNA_M
ClientSampleId :
DCFW6DL



Tgt Ion:153 Resp: 20704
Ion Ratio Lower Upper
153 100
152 50.8 41.0 61.4
154 87.1 70.8 106.2

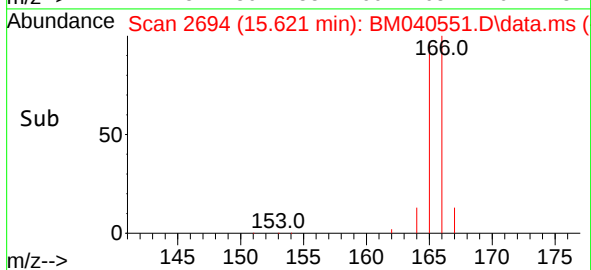
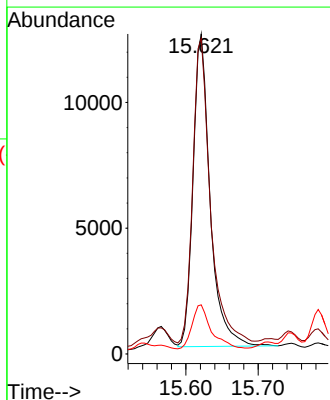
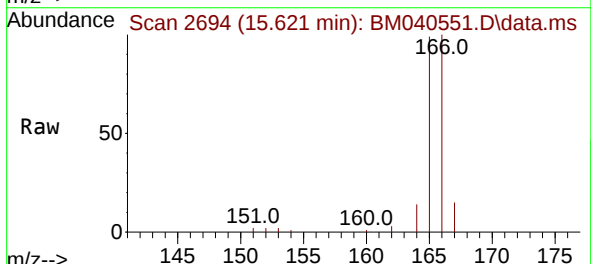
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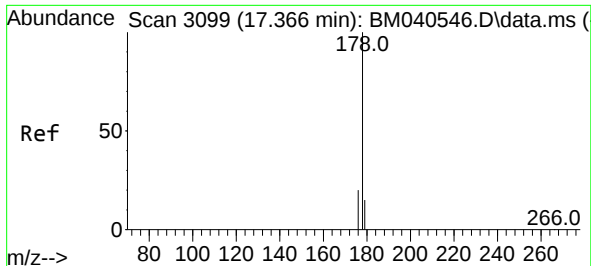
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.225 ng/ul
RT: 15.621 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

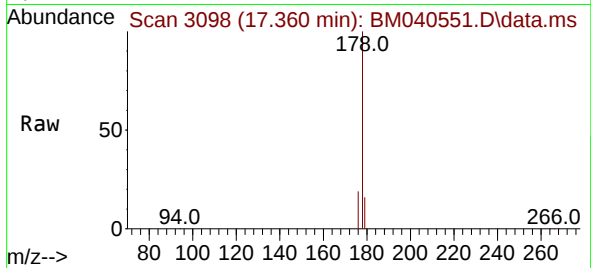
Tgt Ion:166 Resp: 20457
Ion Ratio Lower Upper
166 100
165 98.6 79.6 119.4
167 15.4 11.4 17.0





#15
Phenanthrene
Concen: 3.400 ng/u1
RT: 17.360 min Scan# 3099
Delta R.T. -0.010 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

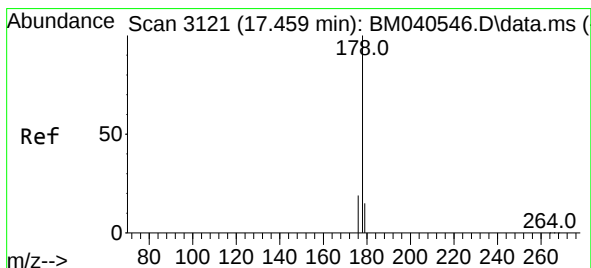
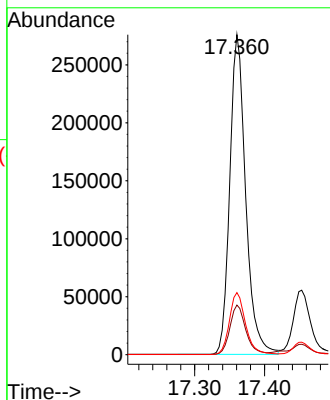
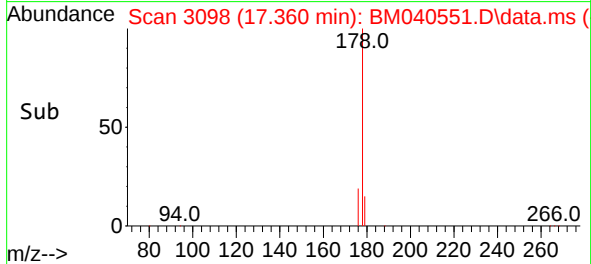
Instrument :
BNA_M
ClientSampleId :
DCFW6DL



Tgt Ion:178 Resp: 43591
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.4 16.4 24.6

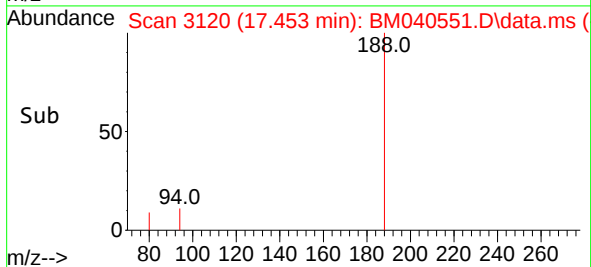
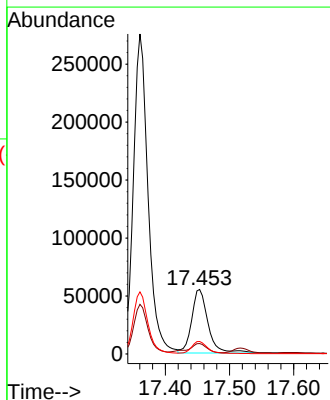
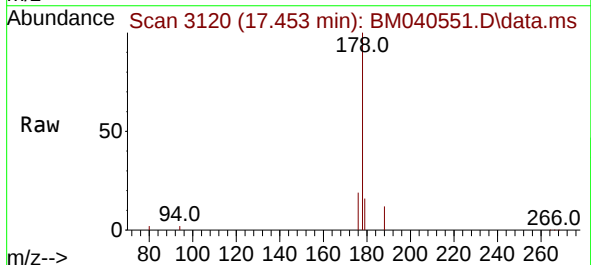
Manual Integrations
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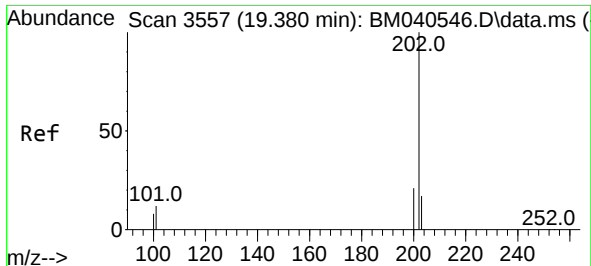
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#16
Anthracene
Concen: 0.905 ng/u1
RT: 17.453 min Scan# 3120
Delta R.T. -0.010 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

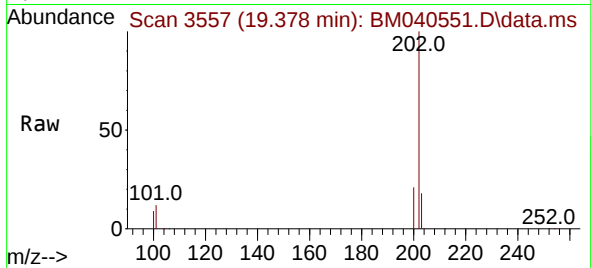
Tgt Ion:178 Resp: 97488
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 9.646 ng/ul
RT: 19.378 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

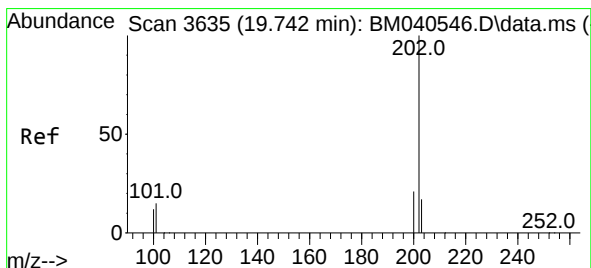
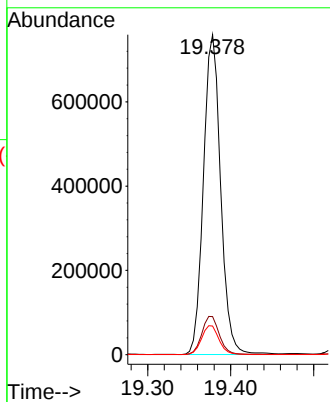
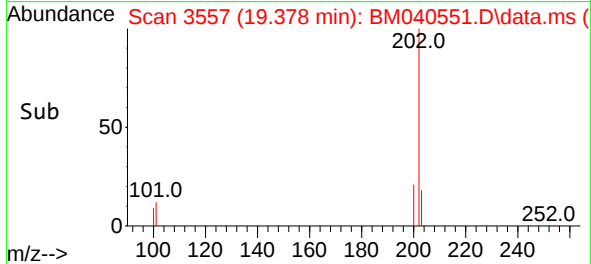
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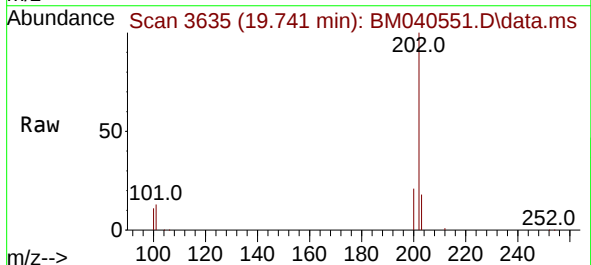
Tgt Ion:202 Resp: 109461
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.0 8.7 13.1

Manual Integrations
APPROVED

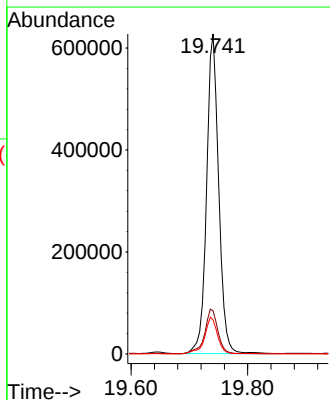
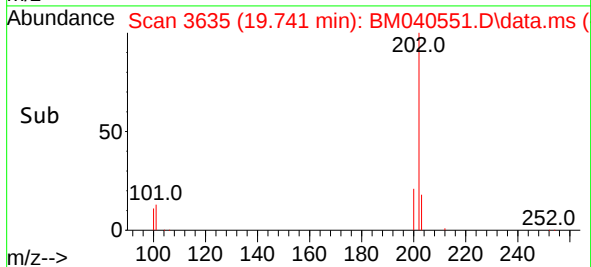
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

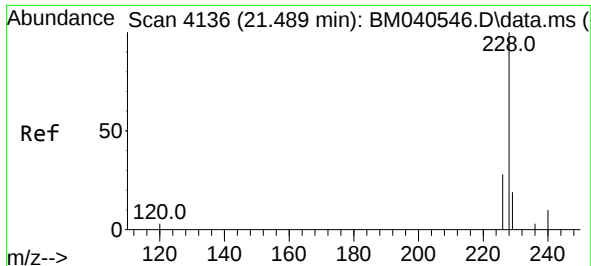


#20
Pyrene
Concen: 7.437 ng/ul
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31



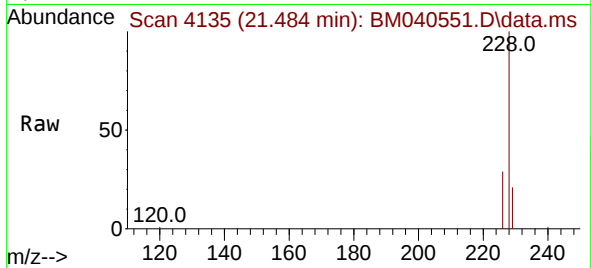
Tgt Ion:202 Resp: 904856
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.686 ng/ul
RT: 21.484 min Scan# 4135
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

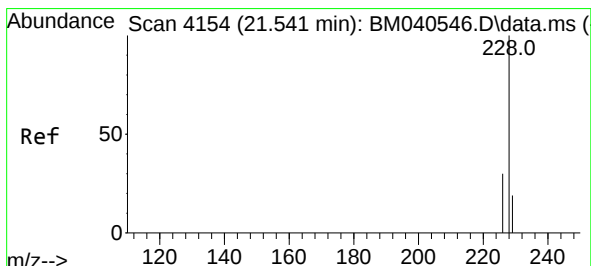
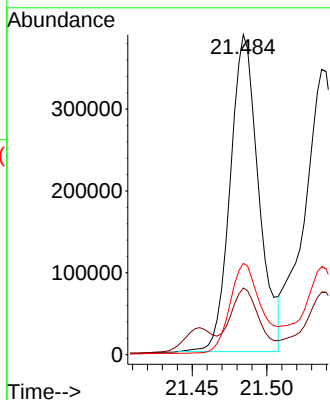
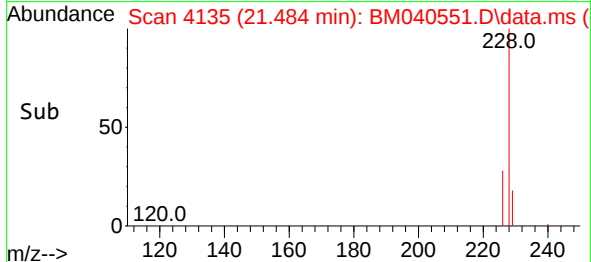
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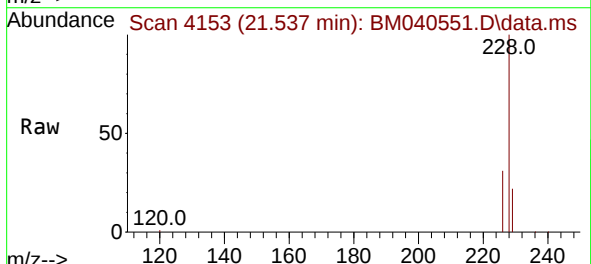
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Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.6 22.3 33.5

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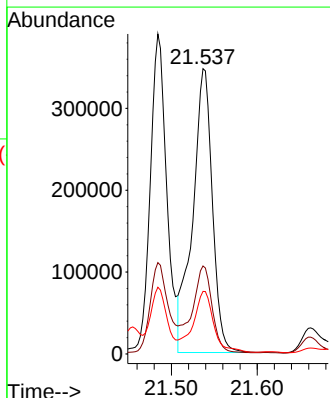
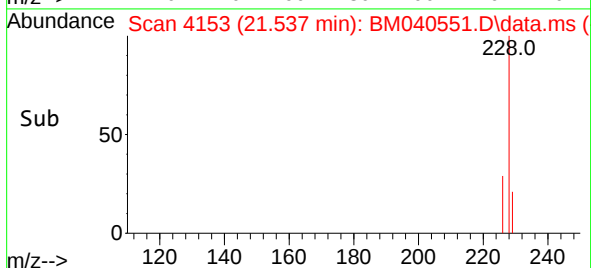
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

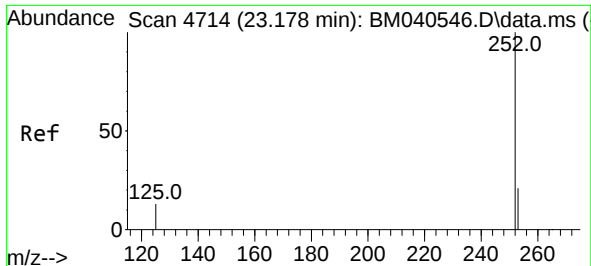


#22
Chrysene
Concen: 5.374 ng/ul
RT: 21.537 min Scan# 4153
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31



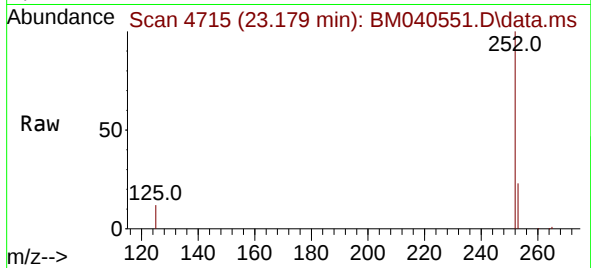
Tgt Ion:228 Resp: 553950
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.250 ng/ul
RT: 23.179 min Scan# 4714
Delta R.T. -0.001 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

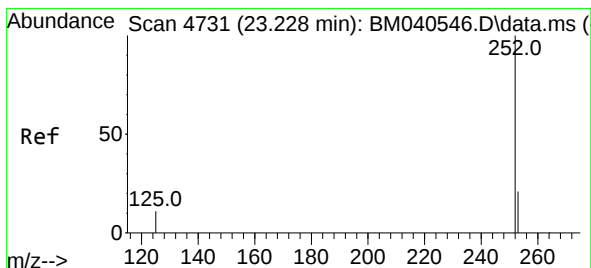
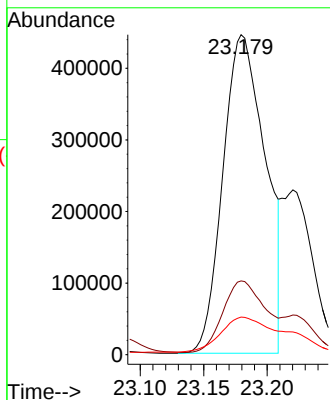
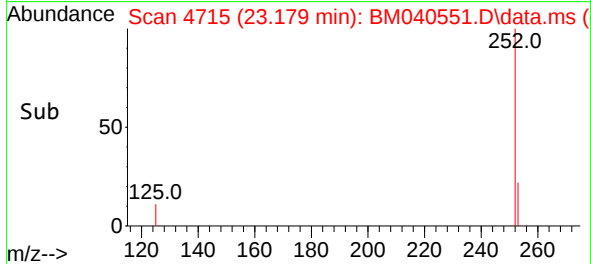
Instrument :
BNA_M
ClientSampleId :
DCFW6DL



Tgt Ion:252 Resp: 103148
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 11.7 0.0 43.0

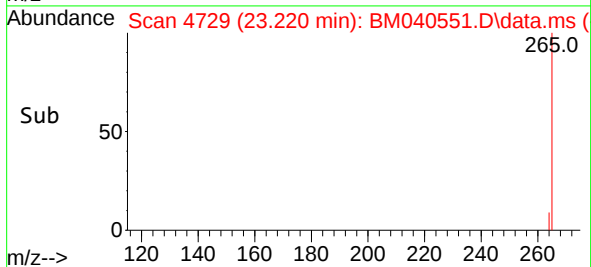
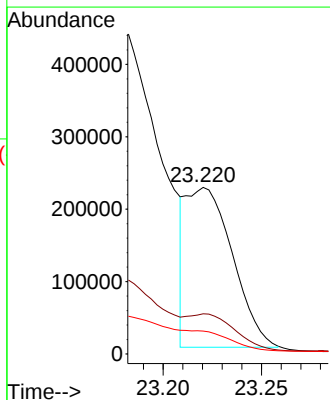
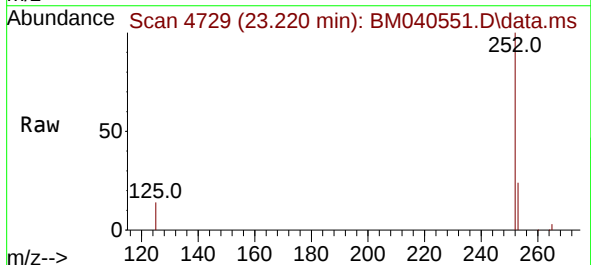
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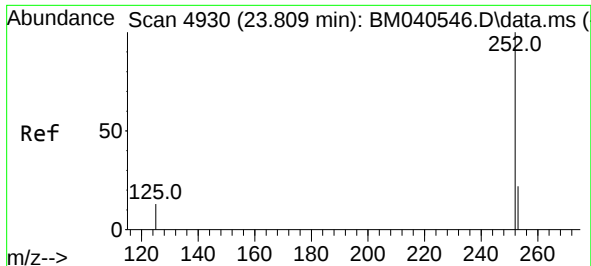
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 2.578 ng/ul m
RT: 23.220 min Scan# 4729
Delta R.T. -0.007 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

Tgt Ion:252 Resp: 361502
Ion Ratio Lower Upper
252 100
253 24.1 21.2 31.8
125 13.7 16.4 24.6#





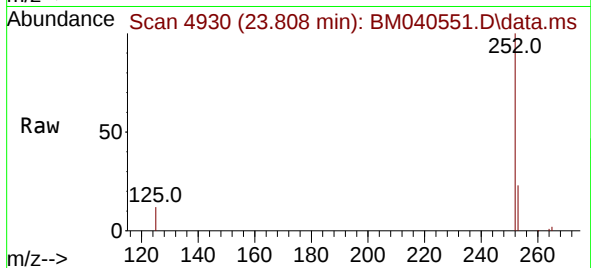
#26
Benzo(a)pyrene
Concen: 5.577 ng/ul
RT: 23.808 min Scan# 4930
Delta R.T. -0.004 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

Instrument :

BNA_M

ClientSampleId :

DCFV6DL



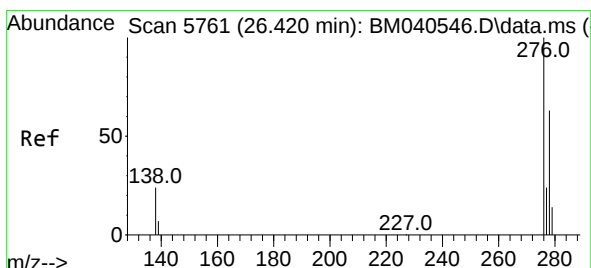
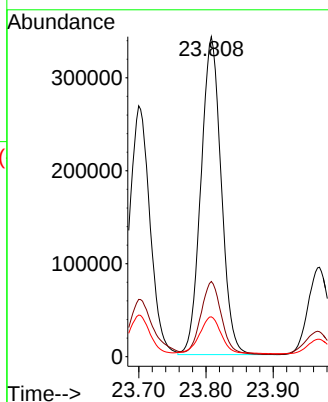
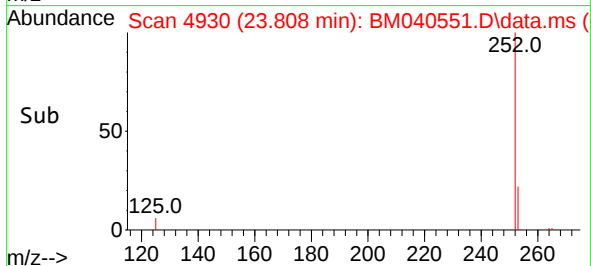
Tgt Ion:252 Resp: 71468
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 12.5 21.0 31.4

Manual Integrations

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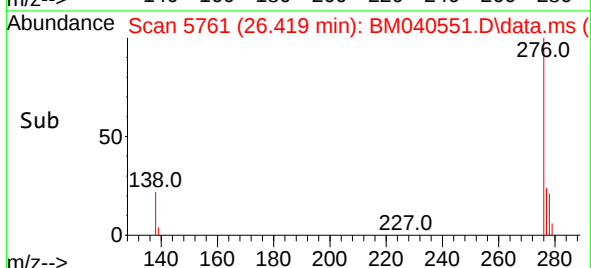
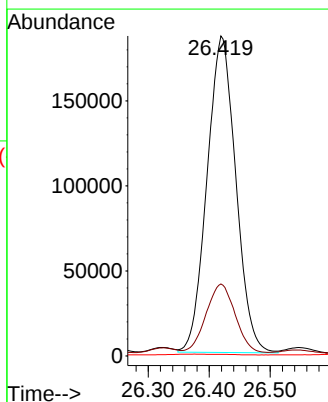
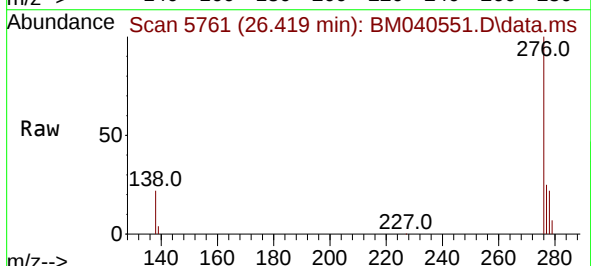
Reviewed By :Yogesh Patel 07/03/2023

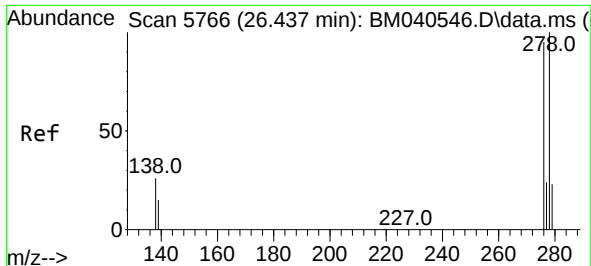
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.419 ng/ul
RT: 26.419 min Scan# 5761
Delta R.T. -0.001 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

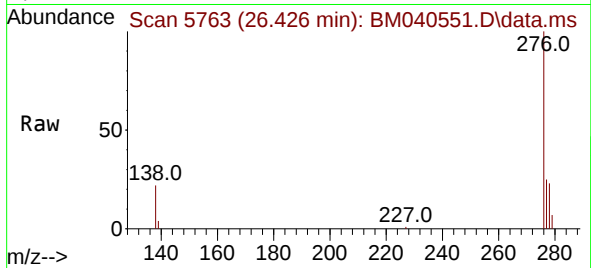
Tgt Ion:276 Resp: 610218
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.075 ng/ul
RT: 26.426 min Scan# 5763
Delta R.T. -0.011 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

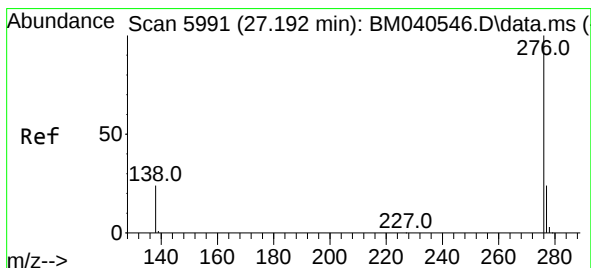
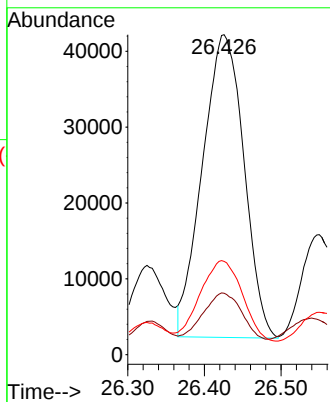
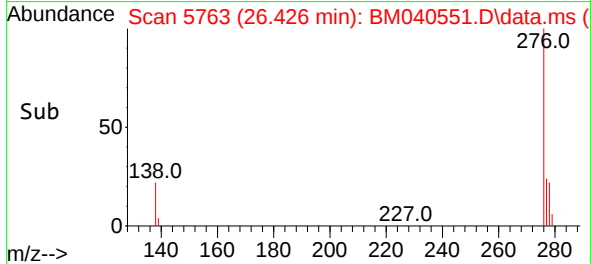
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



Tgt Ion:278 Resp: 150200
Ion Ratio Lower Upper
278 100
139 19.2 17.9 26.9
279 29.2 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: 3.504 ng/ul
RT: 27.194 min Scan# 5992
Delta R.T. 0.009 min
Lab File: BM040551.D
Acq: 02 Jul 2023 22:31

Tgt Ion:276 Resp: 548092
Ion Ratio Lower Upper
276 100
138 23.4 23.0 34.6
277 24.4 20.3 30.5

