

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042131.D
 Acq On : 29 Sep 2023 01:03
 Operator : MA/JU
 Sample : 04417-34DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYN3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 04:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	3505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	9437	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	5628	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	11863	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.509	240	7778	0.400	ng/ul	# 0.00
23) Perylene-d12	23.909	264	7870	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3333	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	822	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	1645	0.051	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.801	128	5431	0.172	ng/ul	95
7) 2-Methylnaphthalene	12.407	142	21460	1.139	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	13208	0.690	ng/ul	98
10) Acenaphthylene	14.300	152	2555	0.068	ng/ul#	10
11) Acenaphthene	14.652	153	2880	0.100	ng/ul#	57
12) Fluorene	15.651	166	1233	0.038	ng/ul#	1
15) Phenanthrene	17.379	178	40667	0.739	ng/ul	99
16) Anthracene	17.472	178	2898	0.061	ng/ul#	62
19) Fluoranthene	19.389	202	22871	0.260	ng/ul	99
20) Pyrene	19.752	202	22964	0.266	ng/ul	98
21) Benzo(a)anthracene	21.492	228	10199	0.173	ng/ul	97
22) Chrysene	21.545	228	11842	0.194	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	18908	0.312	ng/ul	94
25) Benzo(k)fluoranthene	23.213	252	6366m	0.108	ng/ul	
26) Benzo(a)pyrene	23.801	252	8953	0.180	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.391	276	11117	0.163	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.404	278	2529	0.051	ng/ul#	58
29) Benzo(g,h,i)perylene	27.165	276	10859	0.189	ng/ul	97

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

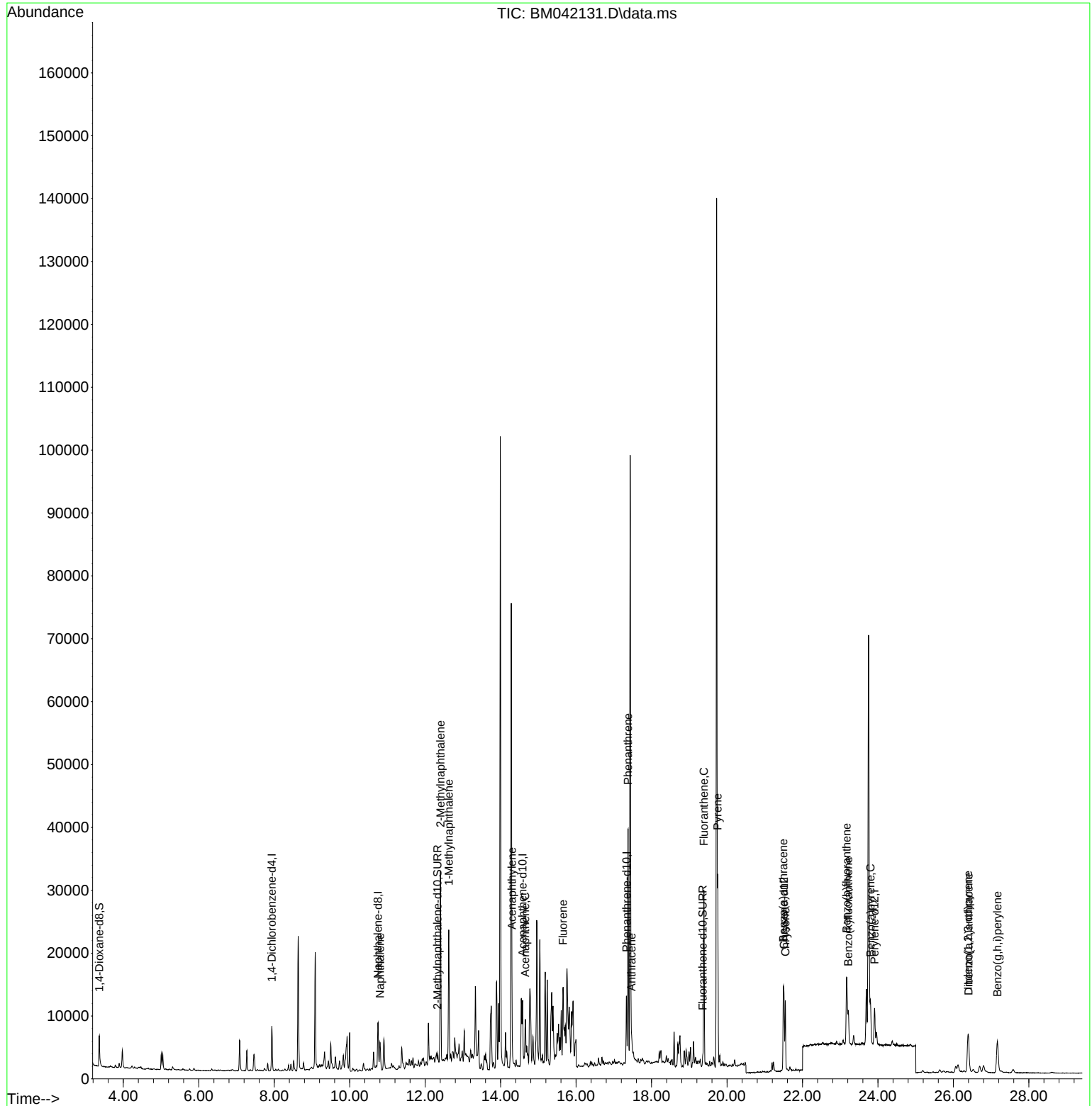
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042131.D
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ALS Vial : 28 Sample Multiplier: 1

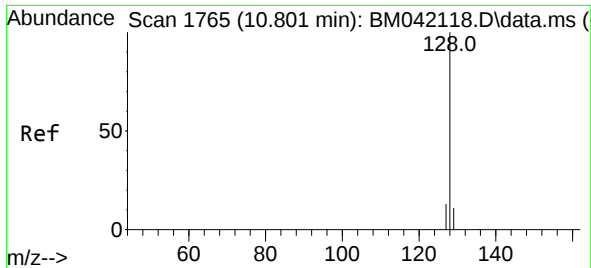
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Quant Time: Sep 29 04:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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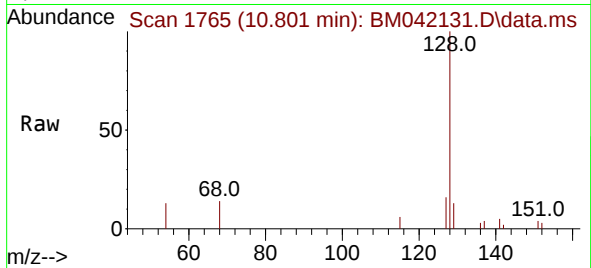
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023





#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

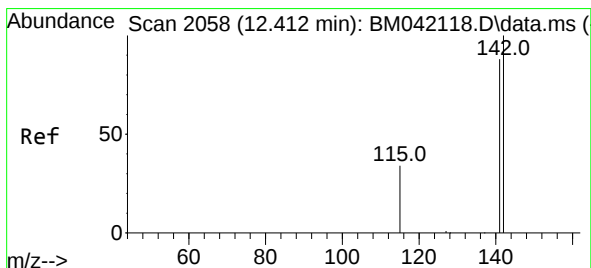
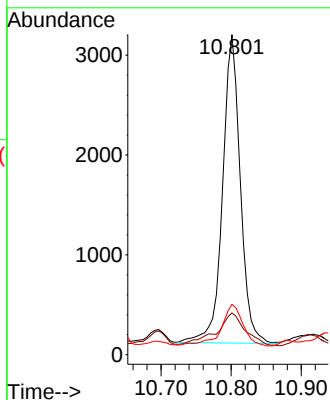
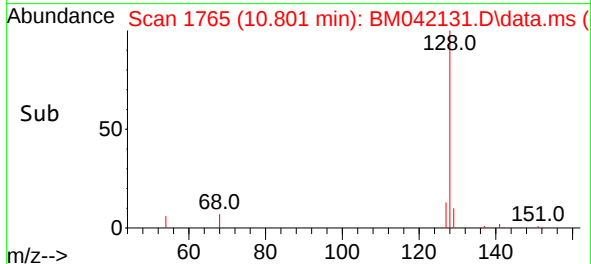
Instrument :
BNA_M
ClientSampleId :
EZYN3DL



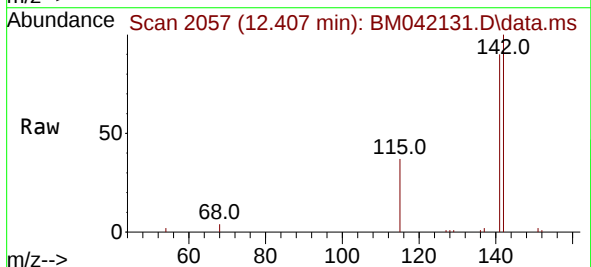
Tgt Ion:128 Resp: 543
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 15.7 10.8 16.2

Manual Integrations
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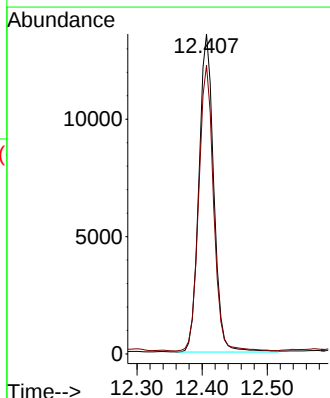
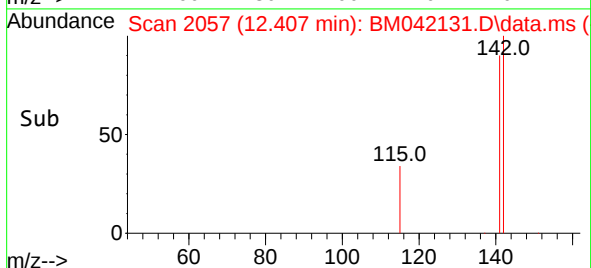
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

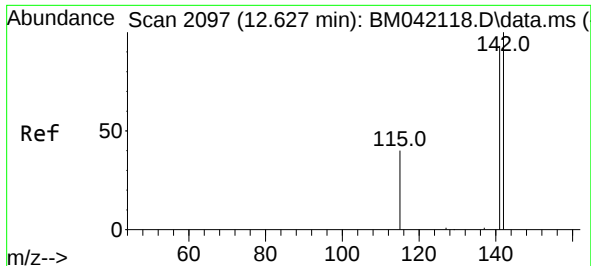


#7
2-Methylnaphthalene
Concen: 1.139 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



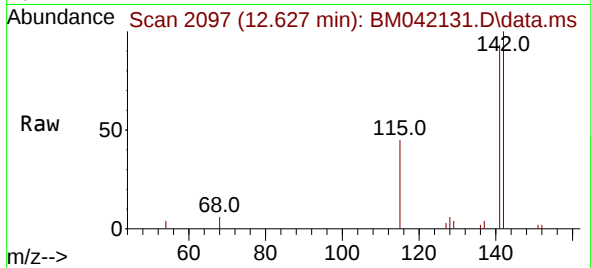
Tgt Ion:142 Resp: 21460
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

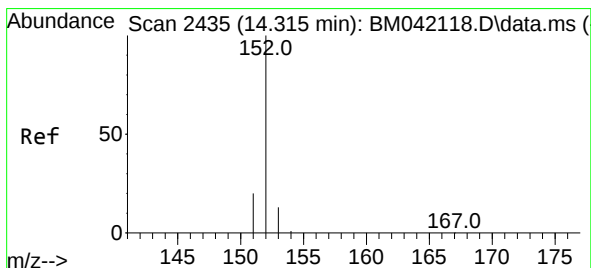
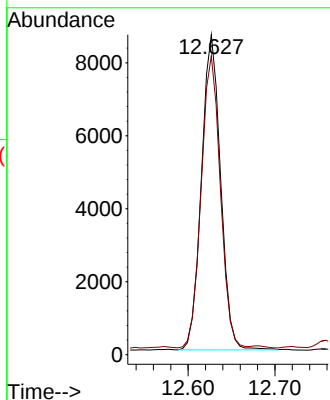
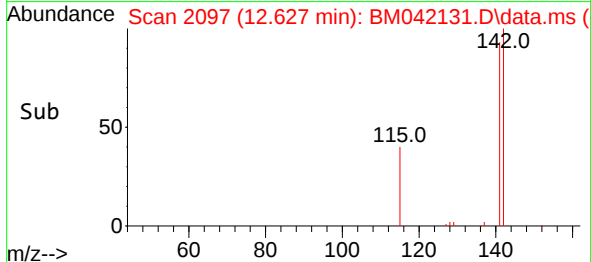
Instrument :
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Tgt Ion:142 Resp: 13208
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7

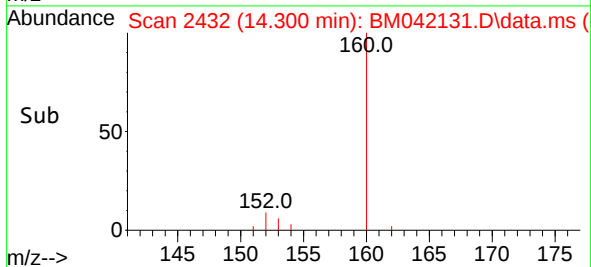
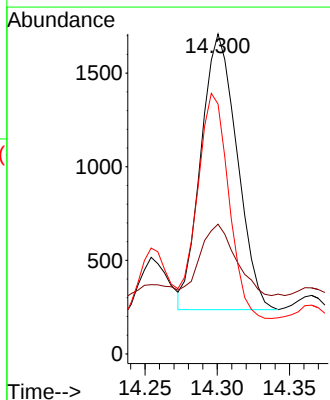
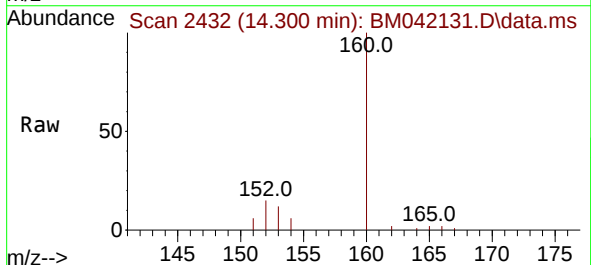
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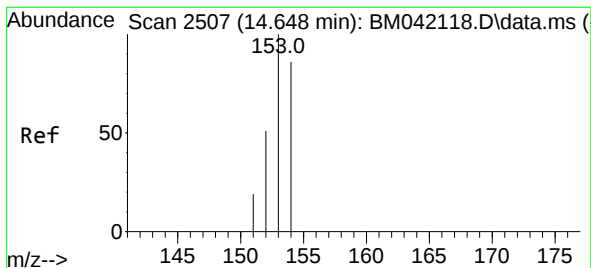
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.300 min Scan# 2432
Delta R.T. -0.014 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

Tgt Ion:152 Resp: 2555
Ion Ratio Lower Upper
152 100
151 40.6 16.2 24.4#
153 78.1 10.8 16.2#





#11

Acenaphthene

Concen: 0.100 ng/u1

RT: 14.652 min Scan# 2508

Delta R.T. 0.004 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

Instrument :

BNA_M

ClientSampleId :

EZYN3DL

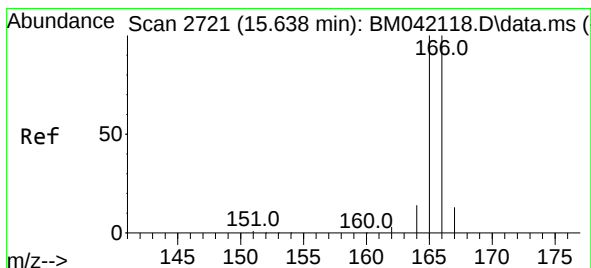
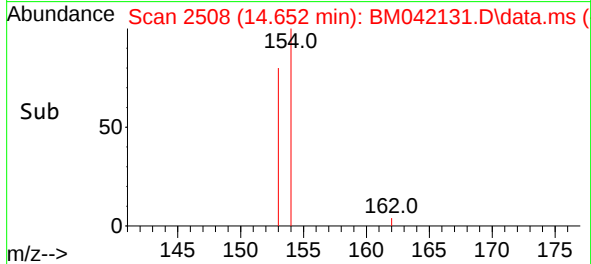
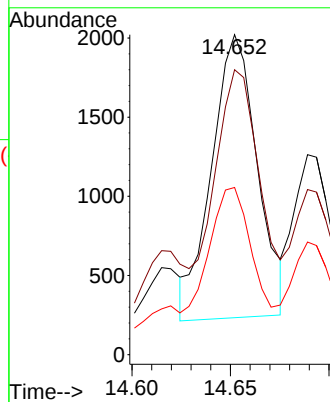
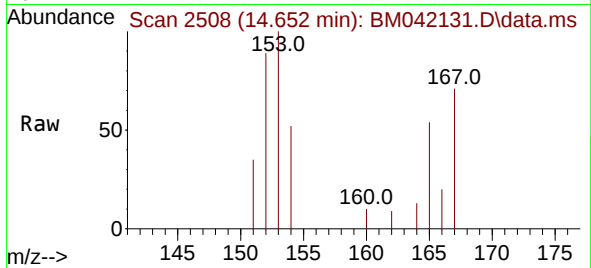
Tgt Ion:	153	Resp:	2880
Ion Ratio	Lower	Upper	
153	100		
152	89.1	41.8	62.8
154	52.3	69.0	103.6

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#12

Fluorene

Concen: 0.038 ng/u1

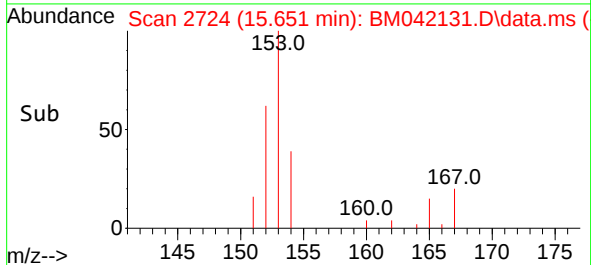
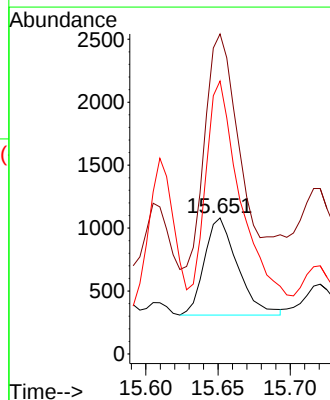
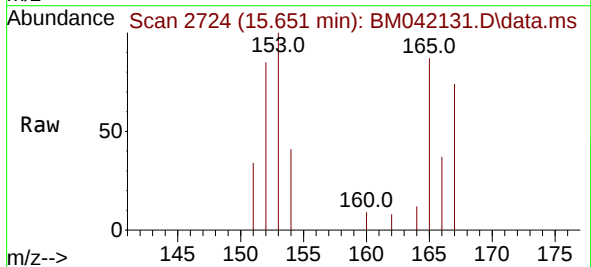
RT: 15.651 min Scan# 2724

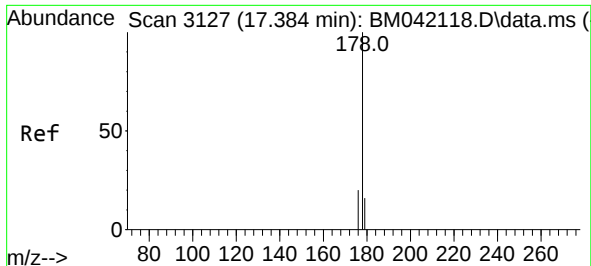
Delta R.T. 0.014 min

Lab File: BM042131.D

Acq: 29 Sep 2023 01:03

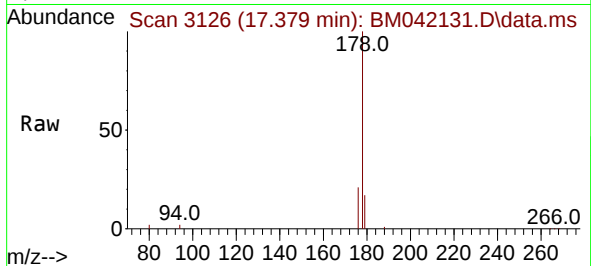
Tgt Ion:	166	Resp:	1233
Ion Ratio	Lower	Upper	
166	100		
165	235.2	79.8	119.8
167	200.6	11.1	16.7





#15
Phenanthrene
Concen: 0.739 ng/u1
RT: 17.379 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

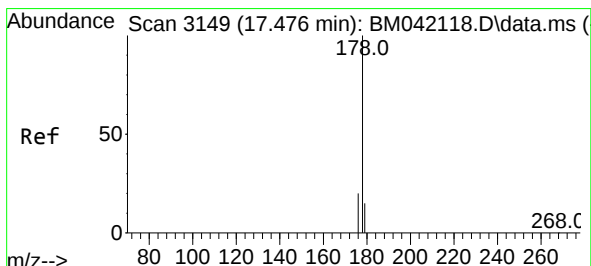
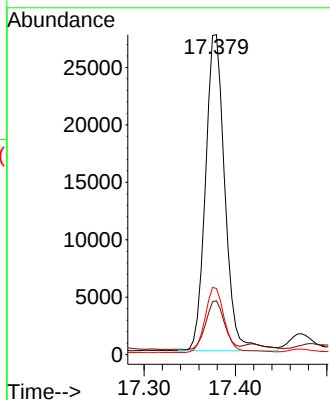
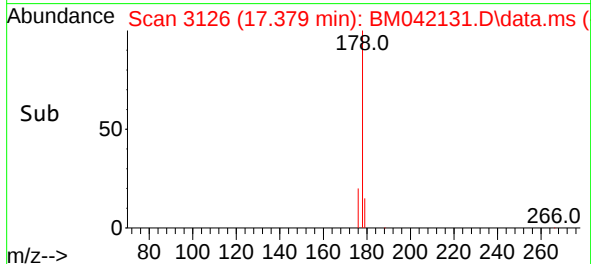
Instrument :
BNA_M
ClientSampleId :
EZYN3DL



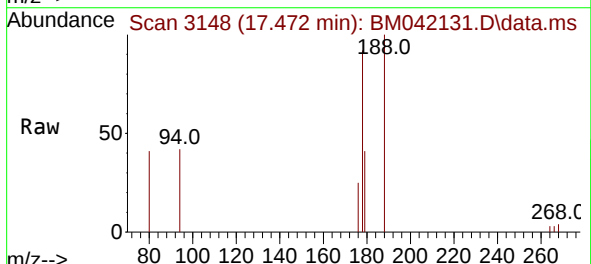
Tgt Ion:178 Resp: 4066
Ion Ratio Lower Upper
178 100
179 16.9 12.7 19.1
176 20.7 16.6 24.8

Manual Integrations
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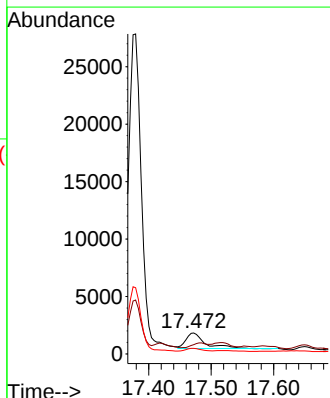
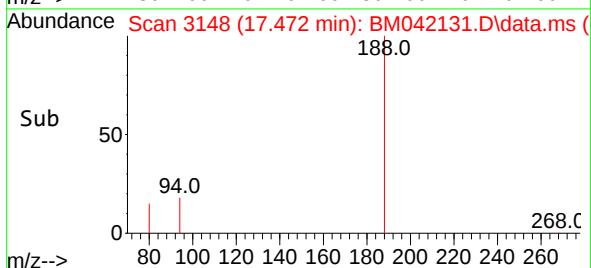
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

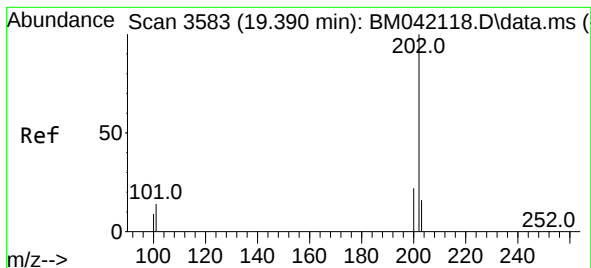


#16
Anthracene
Concen: 0.061 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



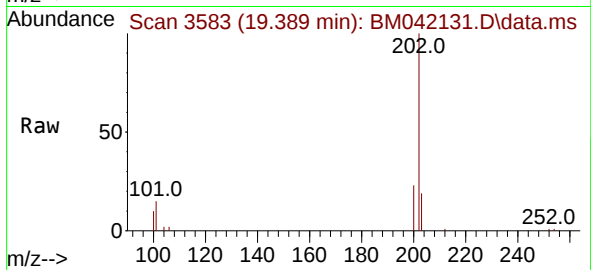
Tgt Ion:178 Resp: 2898
Ion Ratio Lower Upper
178 100
179 44.5 12.9 19.3#
176 27.1 16.2 24.2#





#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.389 min Scan# 3583
Delta R.T. -0.000 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

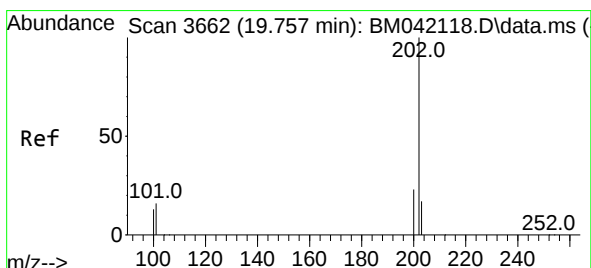
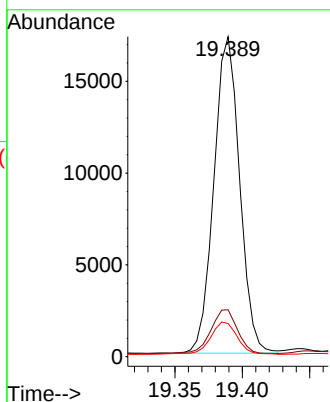
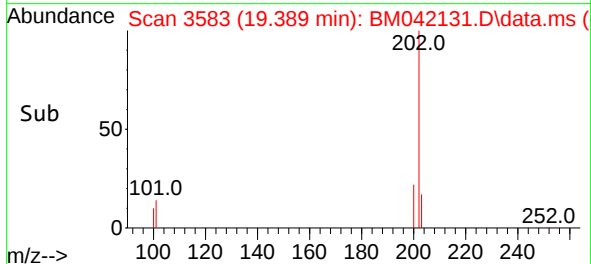
Instrument :
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EZYN3DL



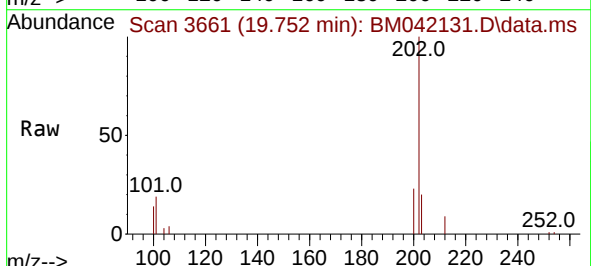
Tgt Ion:202 Resp: 2287
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.4 9.1 13.7

Manual Integrations
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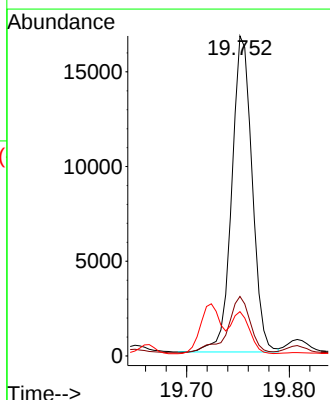
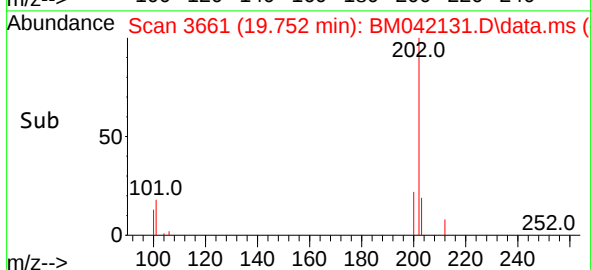
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

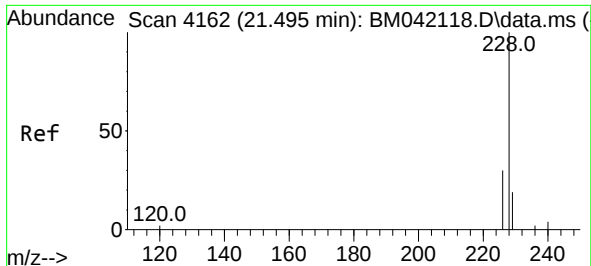


#20
Pyrene
Concen: 0.266 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



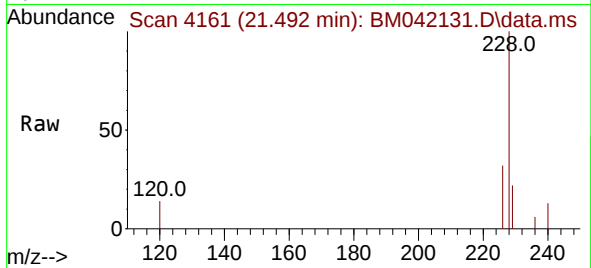
Tgt Ion:202 Resp: 22964
Ion Ratio Lower Upper
202 100
101 18.6 14.1 21.1
100 13.9 11.4 17.0





#21
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

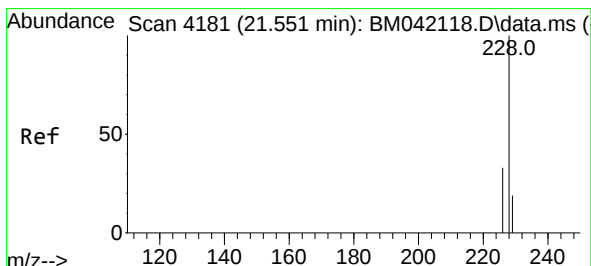
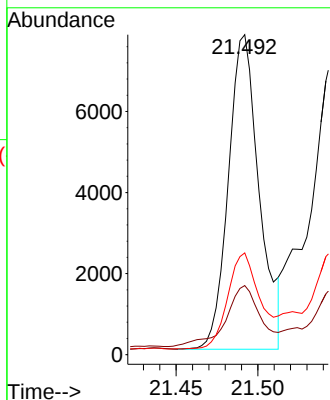
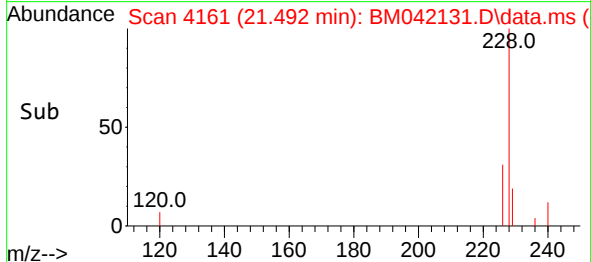
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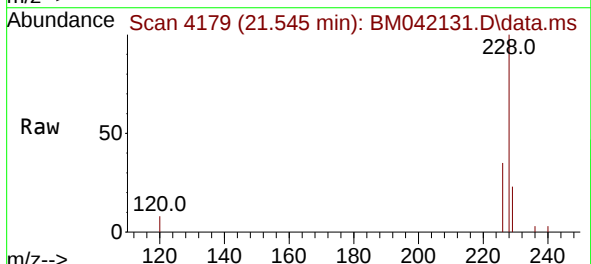
Tgt Ion:228 Resp: 10199
Ion Ratio Lower Upper
228 100
229 21.6 15.5 23.3
226 31.8 24.8 37.2

Manual Integrations
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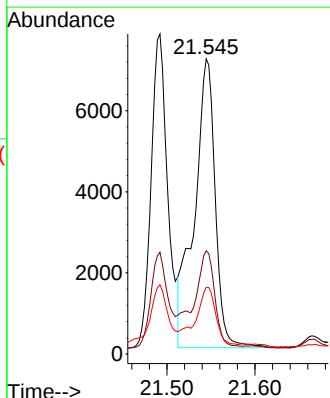
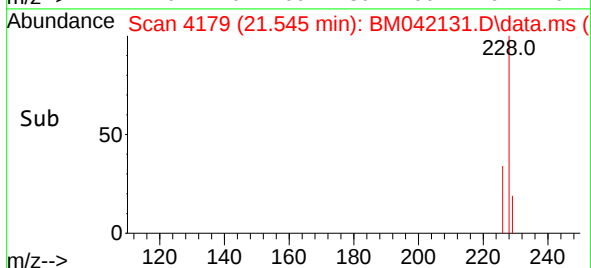
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

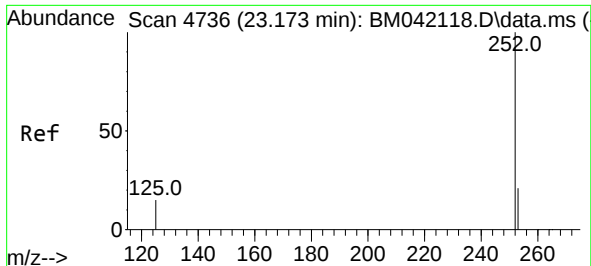


#22
Chrysene
Concen: 0.194 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



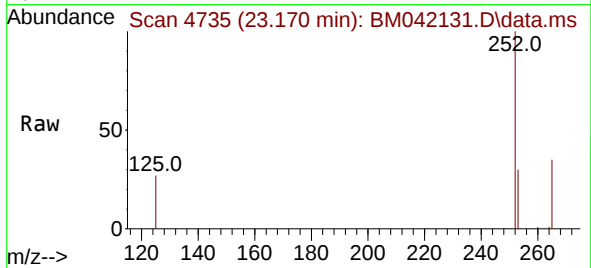
Tgt Ion:228 Resp: 11842
Ion Ratio Lower Upper
228 100
226 35.0 27.8 41.6
229 22.5 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

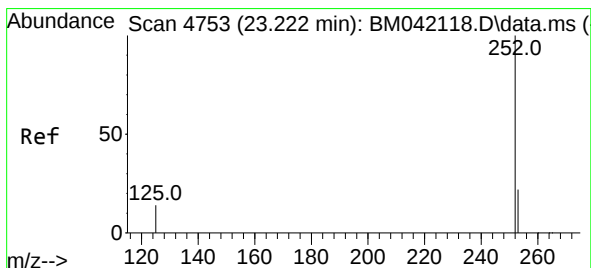
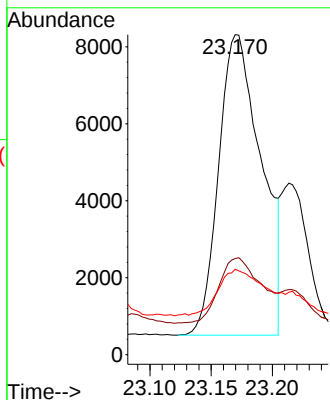
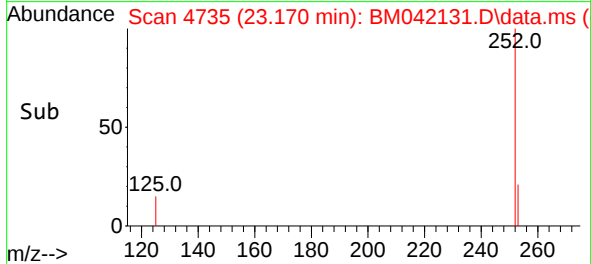
Instrument :
BNA_M
ClientSampleId :
EZYN3DL



Tgt Ion:252 Resp: 18908
Ion Ratio Lower Upper
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253 30.1 0.0 54.4
125 26.7 0.0 46.2

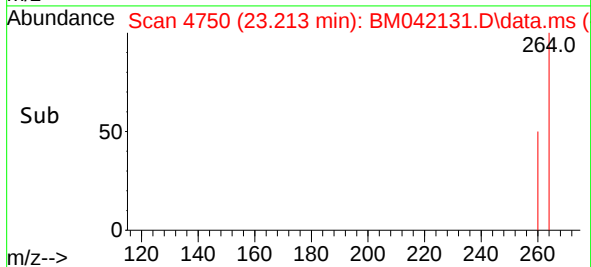
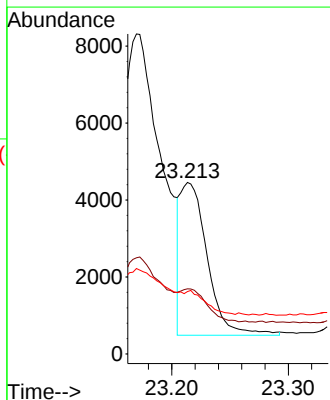
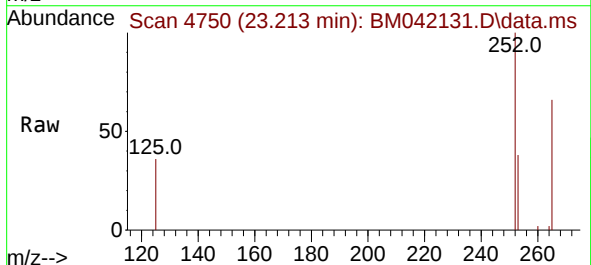
Manual Integrations
APPROVED

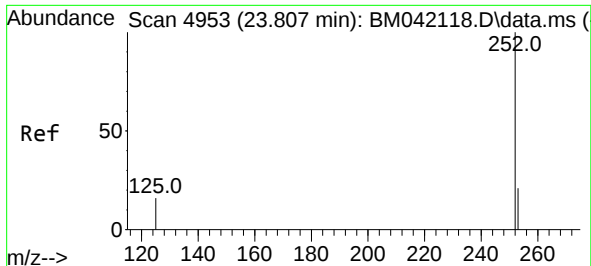
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 23.213 min Scan# 4750
Delta R.T. -0.009 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

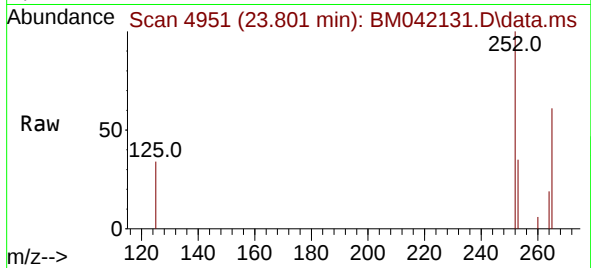
Tgt Ion:252 Resp: 6366
Ion Ratio Lower Upper
252 100
253 38.0 21.0 31.6#
125 36.4 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.801 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

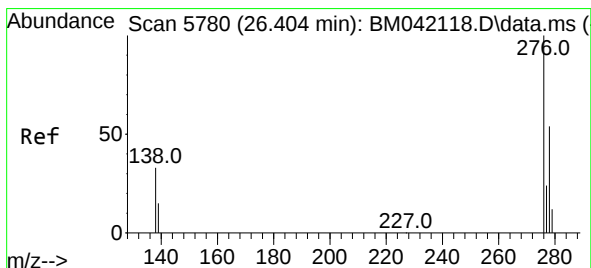
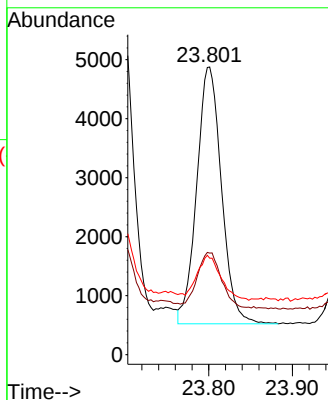
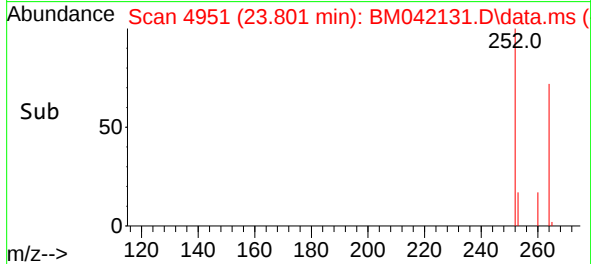
Instrument :
BNA_M
ClientSampleId :
EZYN3DL



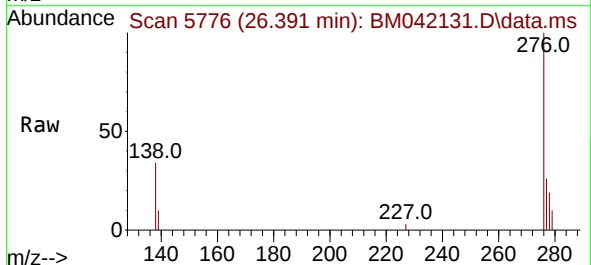
Tgt Ion:252 Resp: 895
Ion Ratio Lower Upper
252 100
253 35.3 23.2 34.8
125 33.5 22.5 33.7

Manual Integrations
APPROVED

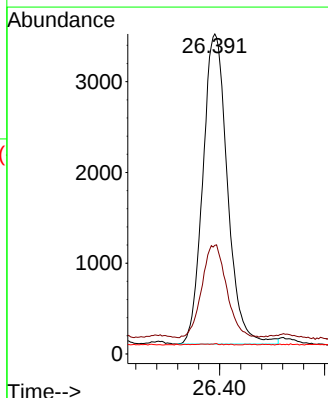
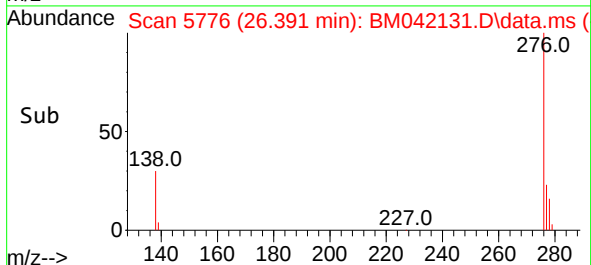
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

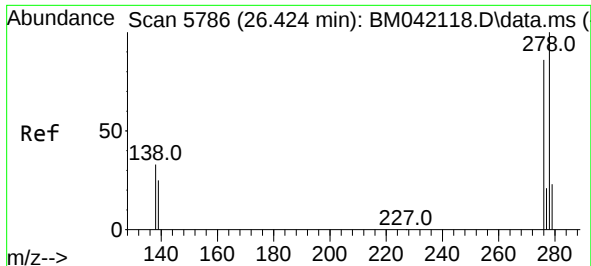


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.014 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



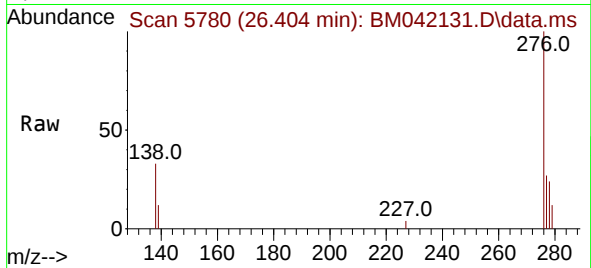
Tgt Ion:276 Resp: 11117
Ion Ratio Lower Upper
276 100
138 30.2 32.1 48.1#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.404 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03

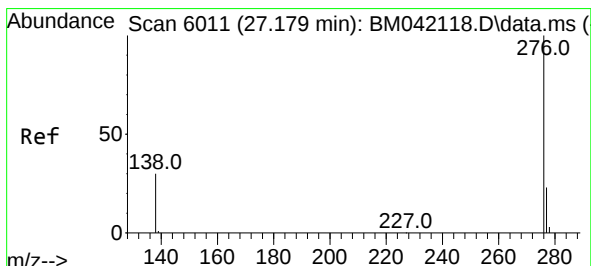
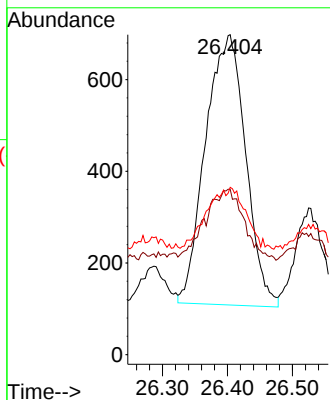
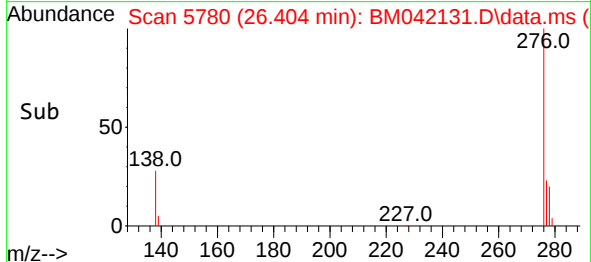
Instrument :
BNA_M
ClientSampleId :
EZYN3DL



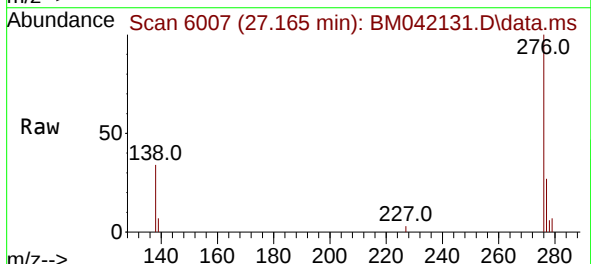
Tgt Ion:278 Resp: 2529
Ion Ratio Lower Upper
278 100
139 51.7 25.0 37.6
279 52.3 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 27.165 min Scan# 6007
Delta R.T. -0.014 min
Lab File: BM042131.D
Acq: 29 Sep 2023 01:03



Tgt Ion:276 Resp: 10859
Ion Ratio Lower Upper
276 100
138 34.4 29.0 43.4
277 26.6 19.6 29.4

