

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041864.D
 Acq On : 14 Sep 2023 13:10
 Operator : MA/JU
 Sample : 04175-14
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 00:29:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	9101	0.400	ng/ul	0.00
4) Naphthalene-d8	10.796	136	24151	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.624	164	12553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	24944	0.400	ng/ul	0.01
17) Chrysene-d12	21.551	240	9187	0.400	ng/ul #	0.01
23) Perylene-d12	23.983	264	10248	0.400	ng/ul #	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	15738	1.360	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	4723	0.144	ng/ul	0.01
18) Fluoranthene-d10	19.399	212	4724	0.150	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	4343	0.053	ng/ul#	80
7) 2-Methylnaphthalene	12.451	142	6828	0.140	ng/ul	95
8) 1-Methylnaphthalene	12.671	142	6793	0.136	ng/ul	100
10) Acenaphthylene	14.356	152	4929	0.063	ng/ul#	39
11) Acenaphthene	14.689	153	2324	0.039	ng/ul#	77
15) Phenanthrene	17.417	178	153094	1.406	ng/ul	100
16) Anthracene	17.510	178	16189	0.171	ng/ul#	92
19) Fluoranthene	19.431	202	168181	2.364	ng/ul	97
20) Pyrene	19.794	202	118600	1.592	ng/ul	98
21) Benzo(a)anthracene	21.533	228	36713	0.606	ng/ul#	77
22) Chrysene	21.589	228	43665	0.704	ng/ul#	78
24) Benzo(b)fluoranthene	23.231	252	49696	0.682	ng/ul#	33
25) Benzo(k)fluoranthene	23.278	252	15145m	0.225	ng/ul	
26) Benzo(a)pyrene	23.871	252	26003	0.468	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.502	276	26169	0.306	ng/ul#	94
29) Benzo(g,h,i)perylene	27.293	276	30081	0.416	ng/ul#	55

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

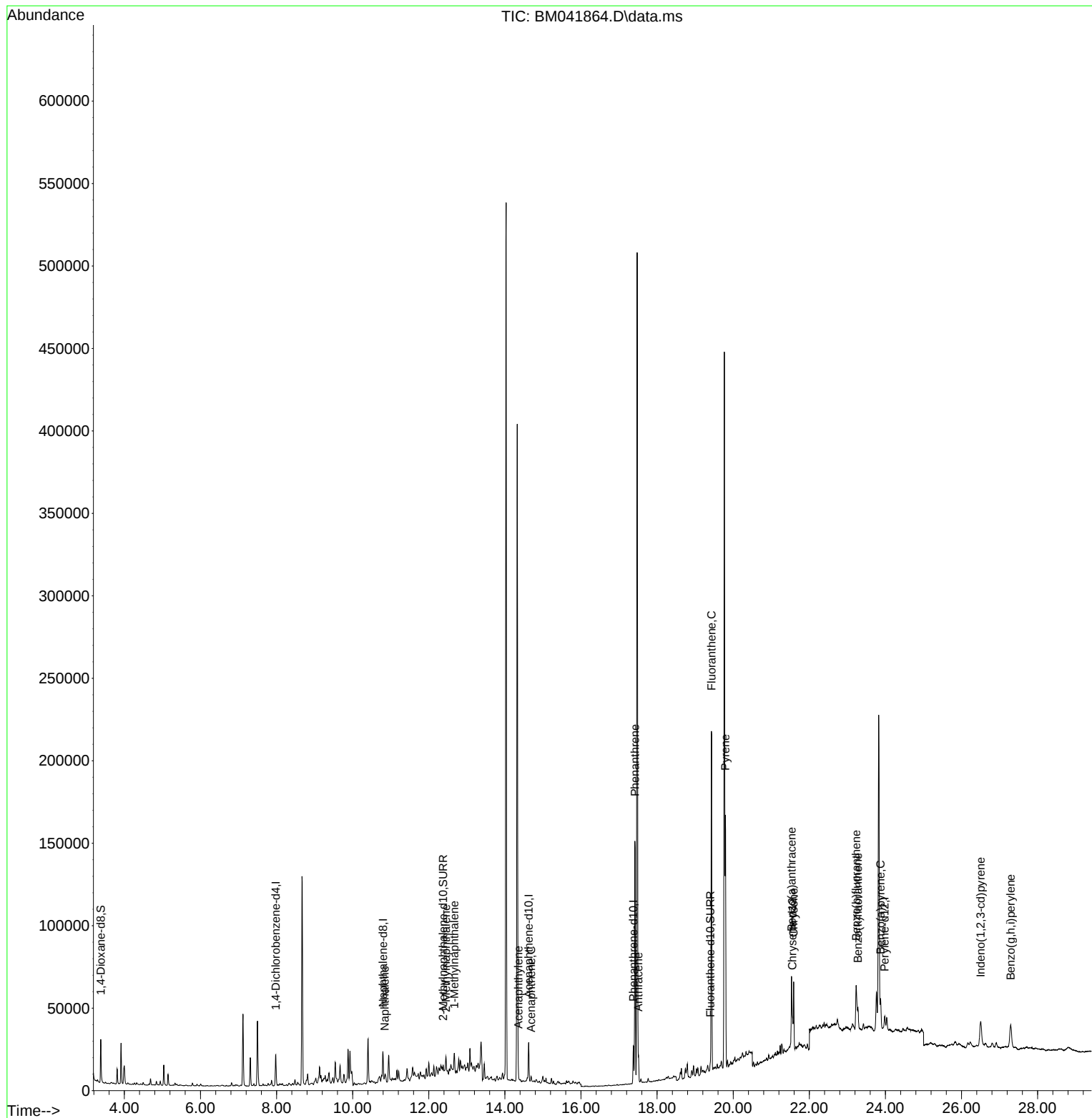
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041864.D
Acq On : 14 Sep 2023 13:10
Operator : MA/JU
Sample : 04175-14
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ALS Vial : 42 Sample Multiplier: 1

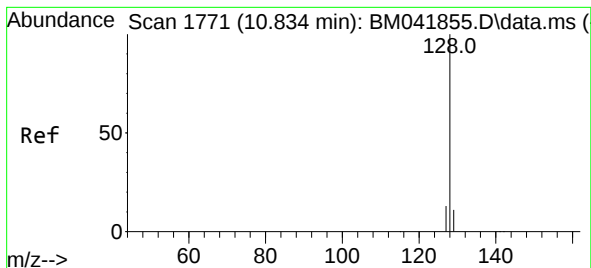
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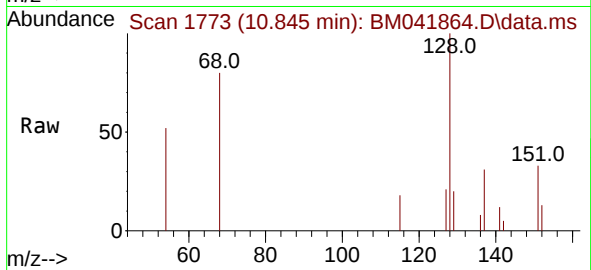
Quant Time: Sep 15 00:29:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/u1
RT: 10.845 min Scan# 1771
Delta R.T. 0.006 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

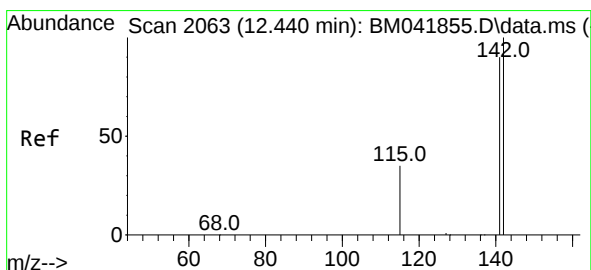
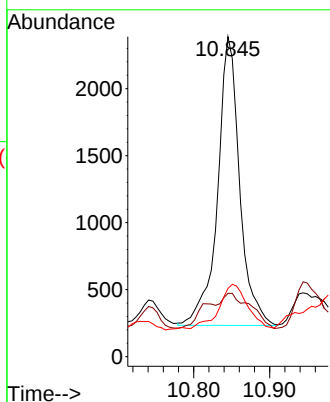
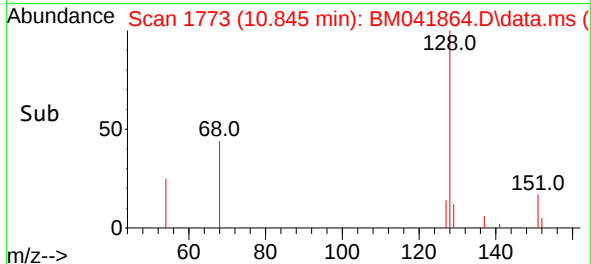
Instrument :
BNA_M
ClientSampleId :
EZYC9



Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
129 19.8 9.5 14.3
127 21.3 10.7 16.1

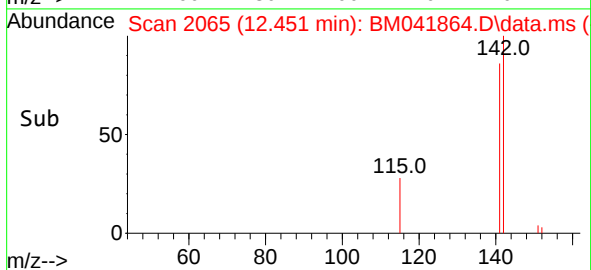
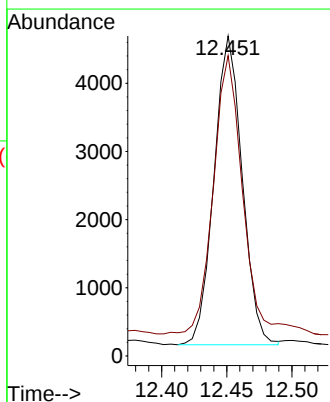
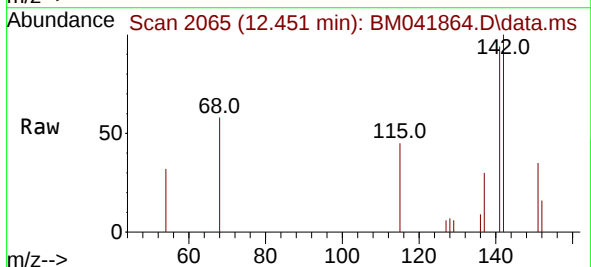
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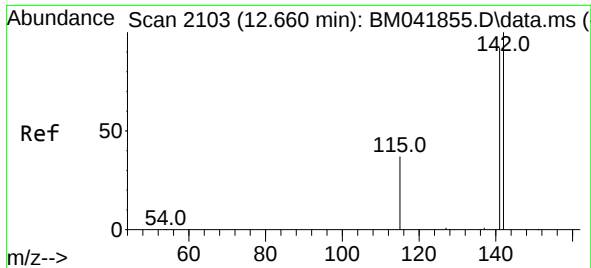
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#7
2-Methylnaphthalene
Concen: 0.140 ng/u1
RT: 12.451 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

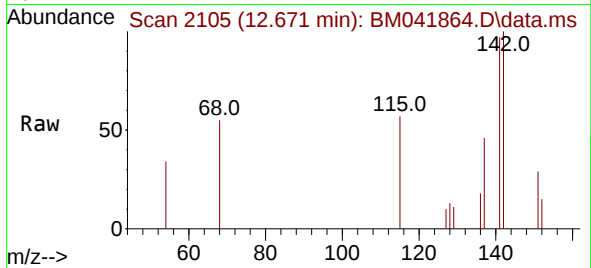
Tgt Ion:142 Resp: 6828
Ion Ratio Lower Upper
142 100
141 94.6 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.136 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

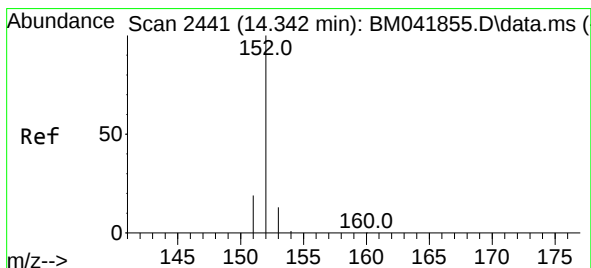
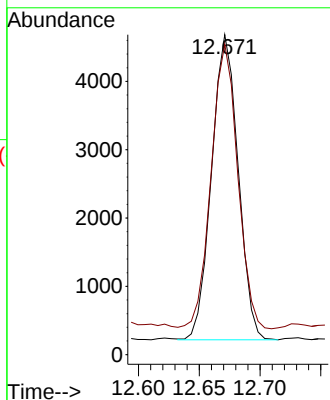
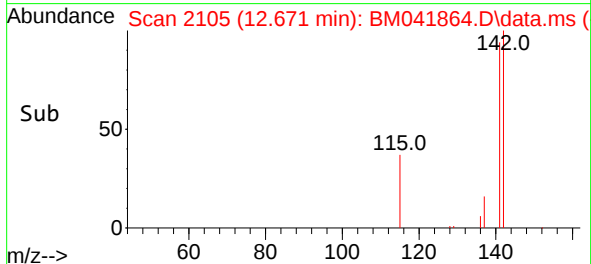
Instrument :
BNA_M
ClientSampleId :
EZYC9



Tgt Ion:142 Resp: 679
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

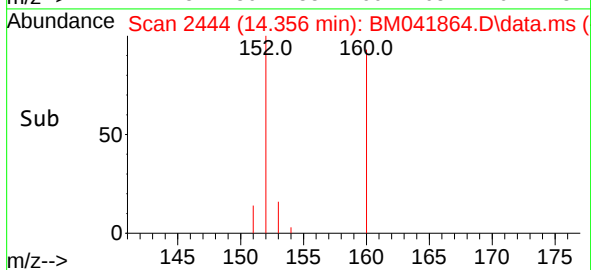
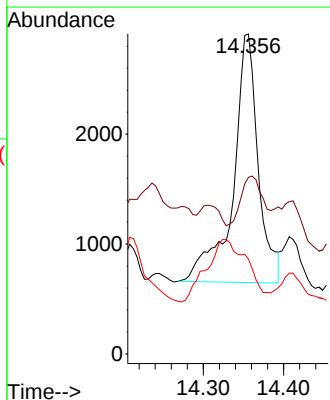
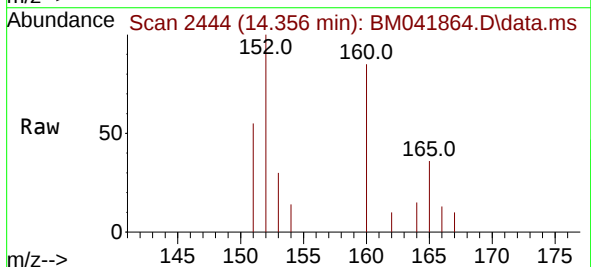
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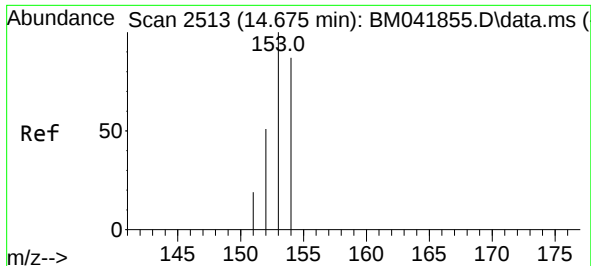
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. 0.014 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

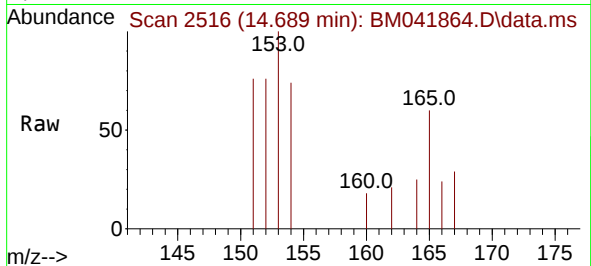
Tgt Ion:152 Resp: 4929
Ion Ratio Lower Upper
152 100
151 55.2 16.3 24.5#
153 29.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.689 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

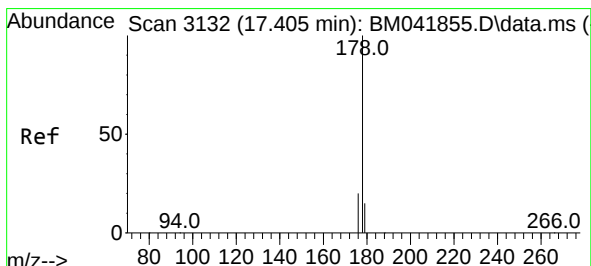
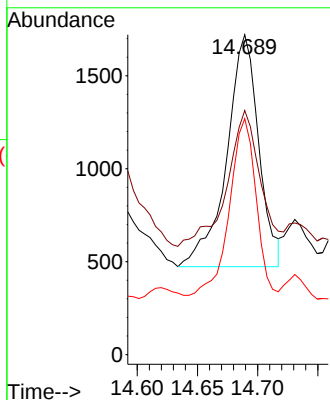
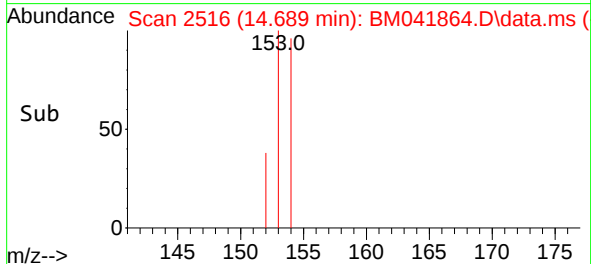
Instrument :
BNA_M
ClientSampleId :
EZYC9



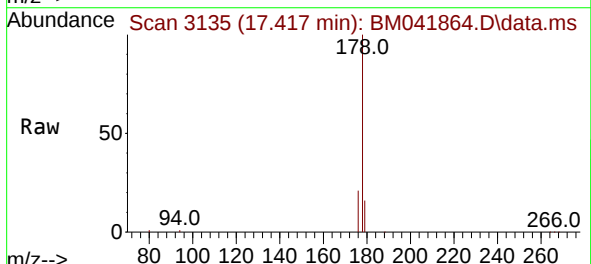
Tgt Ion:153 Resp: 2324
Ion Ratio Lower Upper
153 100
152 76.3 41.5 62.3
154 73.7 70.7 106.1

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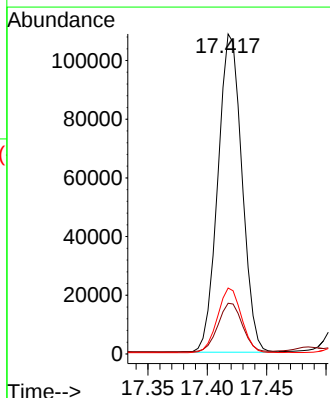
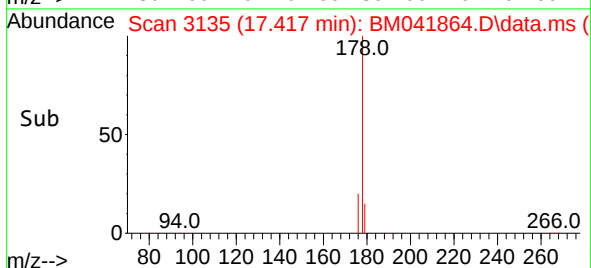
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

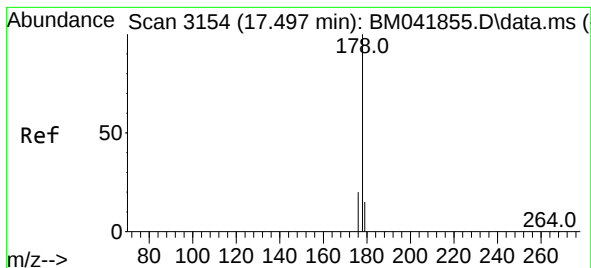


#15
Phenanthrene
Concen: 1.406 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.009 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10



Tgt Ion:178 Resp: 153094
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.6 16.6 25.0





#16

Anthracene

Concen: 0.171 ng/ul

RT: 17.510 min Scan# 3154

Delta R.T. 0.008 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Instrument :

BNA_M

ClientSampleId :

EZYC9

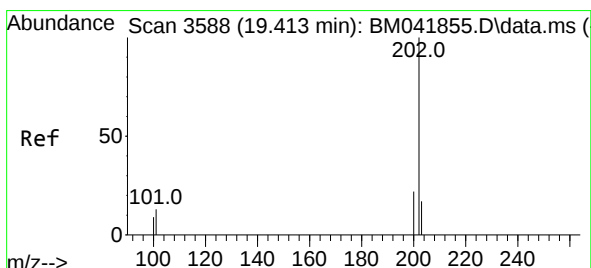
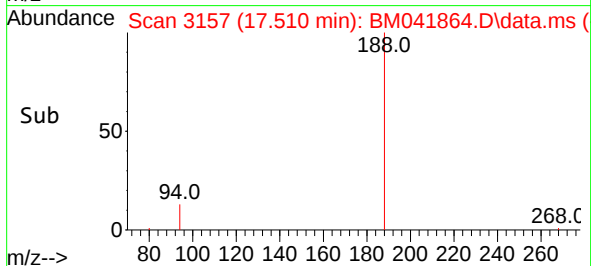
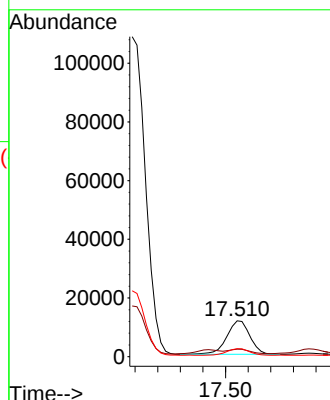
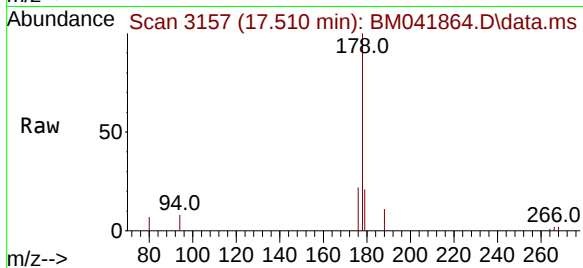
Tgt Ion:	178	Resp:	16189
Ion Ratio	Lower	Upper	
178	100		
179	21.0	12.7	19.1
176	22.4	16.1	24.1

Manual Integrations

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Supervised By :mohammad ahmed 09/15/2023



#19

Fluoranthene

Concen: 2.364 ng/ul

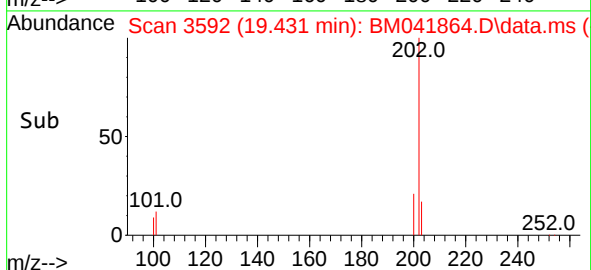
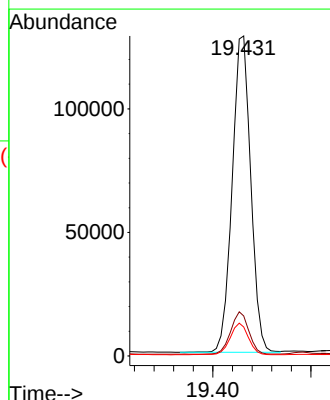
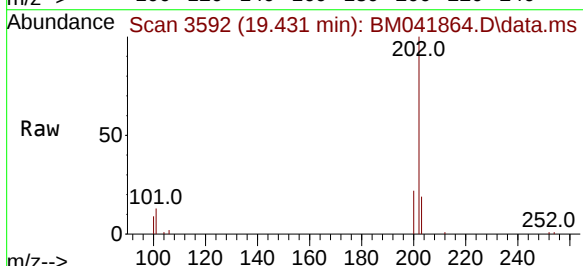
RT: 19.431 min Scan# 3592

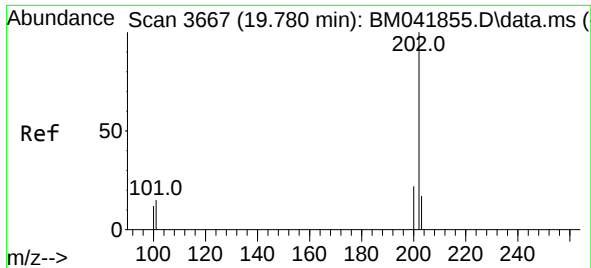
Delta R.T. 0.014 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

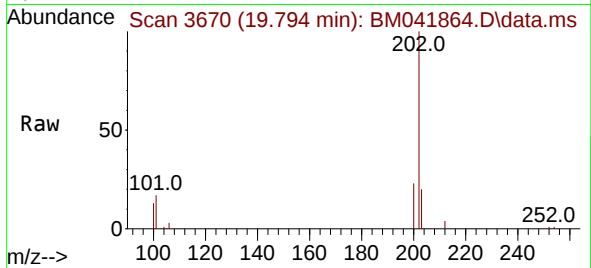
Tgt Ion:	202	Resp:	168181
Ion Ratio	Lower	Upper	
202	100		
101	12.5	11.0	16.6
100	9.1	8.2	12.4





#20
Pyrene
Concen: 1.592 ng/ul
RT: 19.794 min Scan# 30
Delta R.T. 0.009 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10

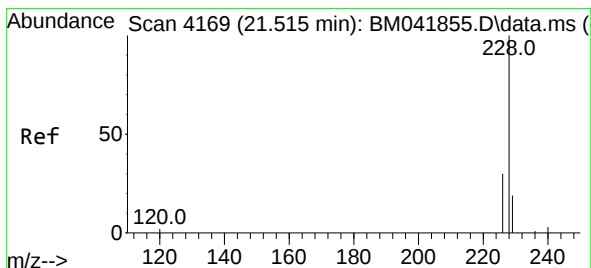
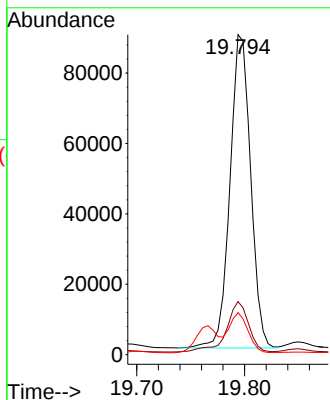
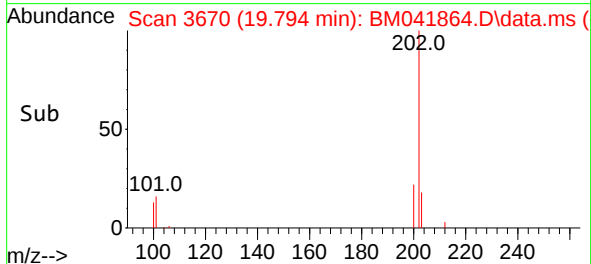
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BNA_M
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EZYC9



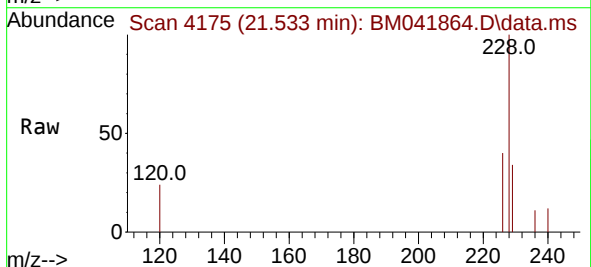
Tgt Ion:202 Resp: 118600
Ion Ratio Lower Upper
202 100
101 16.6 12.6 19.0
100 13.1 9.9 14.9

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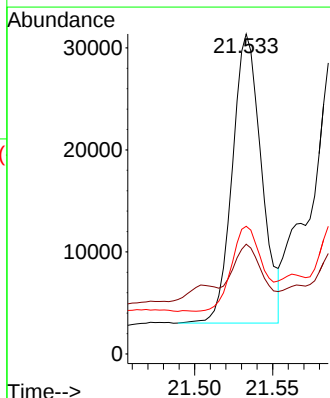
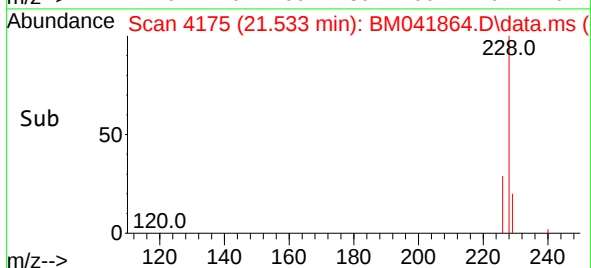
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

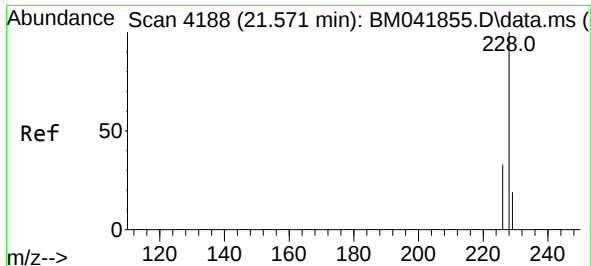


#21
Benzo(a)anthracene
Concen: 0.606 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BM041864.D
Acq: 14 Sep 2023 13:10



Tgt Ion:228 Resp: 36713
Ion Ratio Lower Upper
228 100
229 34.3 15.8 23.8#
226 39.9 24.3 36.5#





#22

Chrysene

Concen: 0.704 ng/ul

RT: 21.589 min Scan# 4188

Delta R.T. 0.012 min

Lab File: BM041864.D

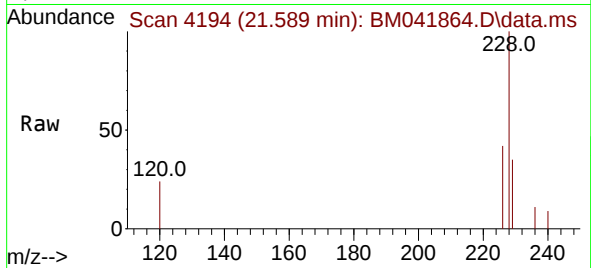
Acq: 14 Sep 2023 13:10

Instrument :

BNA_M

ClientSampleId :

EZYC9



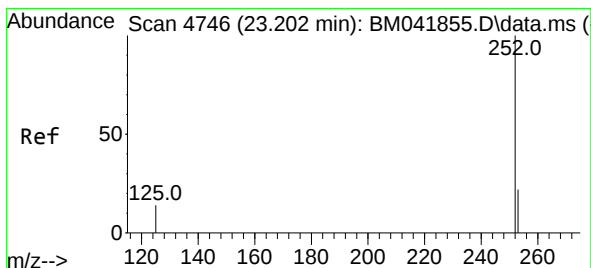
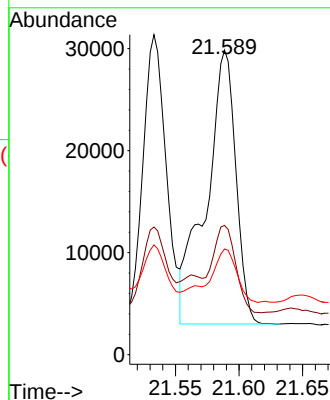
Tgt Ion:	228	Resp:	4366
Ion Ratio	Lower	Upper	
228	100		
226	42.4	27.0	40.4
229	34.7	15.7	23.5

Manual Integrations

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Supervised By :mohammad ahmed 09/15/2023



#24

Benzo(b)fluoranthene

Concen: 0.682 ng/ul

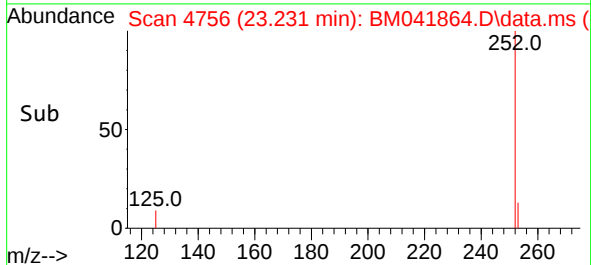
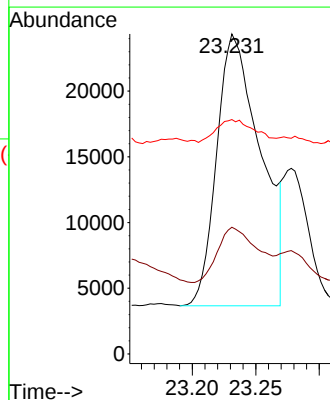
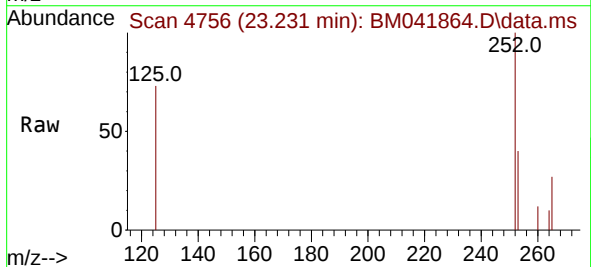
RT: 23.231 min Scan# 4756

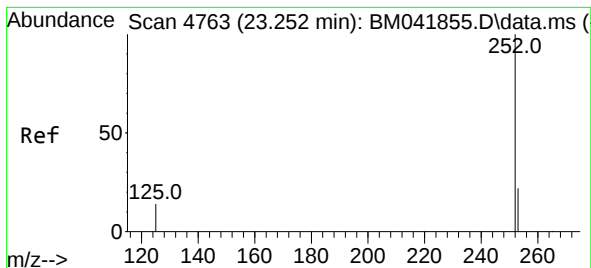
Delta R.T. 0.023 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Tgt Ion:	252	Resp:	49696
Ion Ratio	Lower	Upper	
252	100		
253	39.6	0.0	51.0
125	73.3	0.0	39.8





#25

Benzo(k)fluoranthene

Concen: 0.225 ng/ul m

RT: 23.278 min Scan# 4763

Delta R.T. 0.018 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Instrument :

BNM

ClientSampleId :

EZYC9

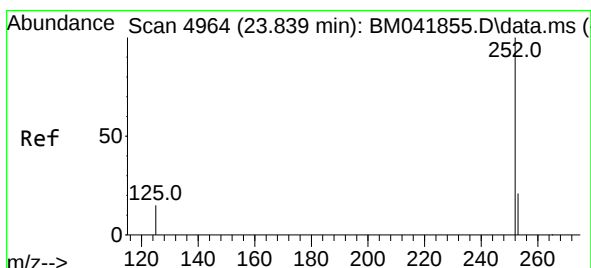
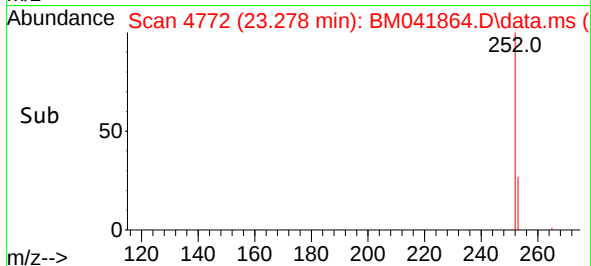
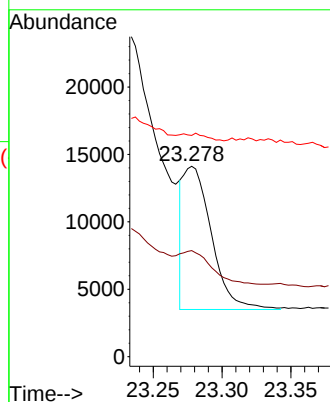
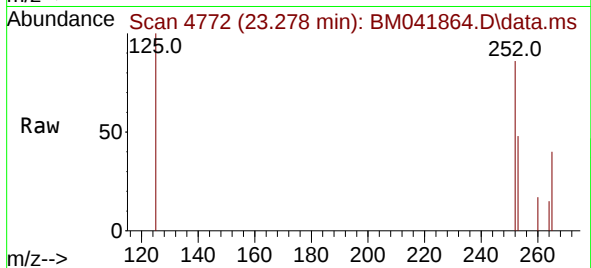
Tgt Ion:252	Resp:	1514
Ion Ratio	Lower	Upper
252	100	
253	55.7	20.2 30.2
125	116.2	15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#26

Benzo(a)pyrene

Concen: 0.468 ng/ul

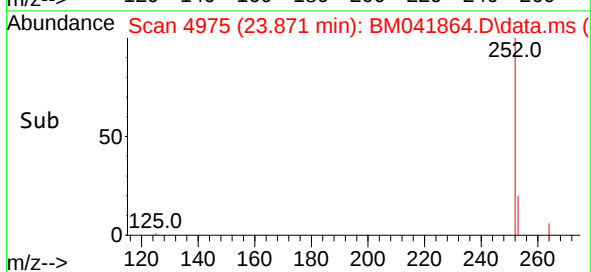
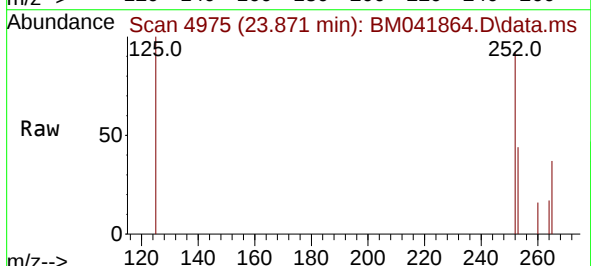
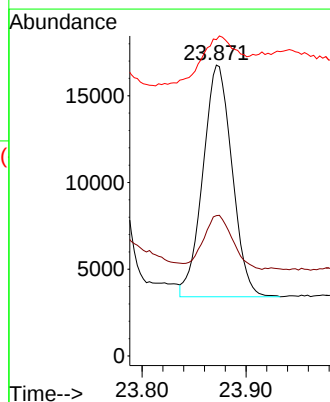
RT: 23.871 min Scan# 4975

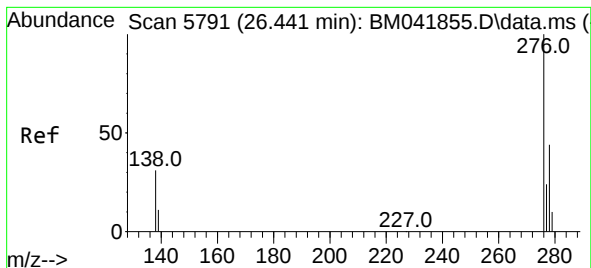
Delta R.T. 0.026 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Tgt Ion:252	Resp:	26003
Ion Ratio	Lower	Upper
252	100	
253	48.3	21.8 32.8
125	108.7	18.8 28.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.306 ng/ul

RT: 26.502 min Scan# 5809

Delta R.T. 0.047 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Instrument :

BNA_M

ClientSampleId :

EZYC9

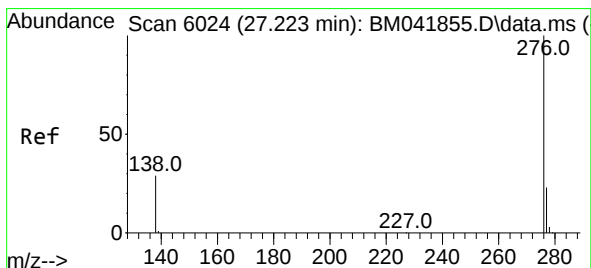
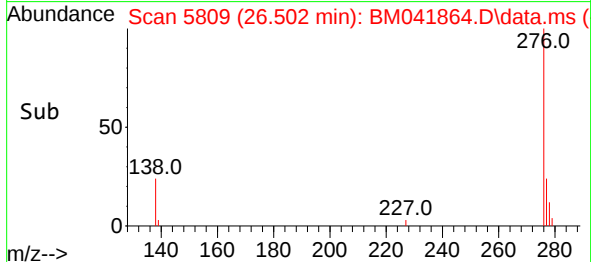
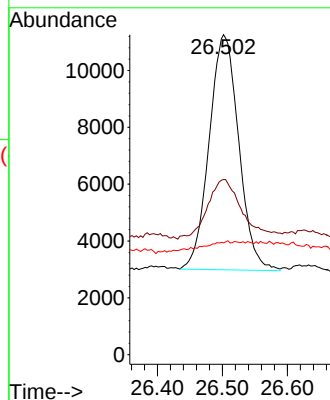
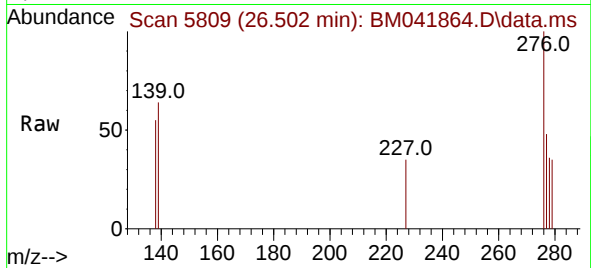
Tgt Ion:	276	Resp:	26169
Ion Ratio	Lower	Upper	
276	100		
138	31.3	27.7	41.5
227	5.8	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#29

Benzo(g,h,i)perylene

Concen: 0.416 ng/ul

RT: 27.293 min Scan# 6045

Delta R.T. 0.057 min

Lab File: BM041864.D

Acq: 14 Sep 2023 13:10

Tgt Ion:	276	Resp:	30081
Ion Ratio	Lower	Upper	
276	100		
138	54.7	24.7	37.1#
277	47.3	19.3	28.9#

