

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041034.D
 Acq On : 22 Jul 2023 01:39
 Operator : MA/JU
 Sample : 03444-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Y1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 02:37:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3810	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	14381	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	8477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	17692	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12347	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	10143	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	799	0.128	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	792	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	1816	0.035	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.719	128	4096	0.104	ng/ul	95
11) Acenaphthene	14.578	153	870	0.028	ng/ul	95
12) Fluorene	15.568	166	1108	0.034	ng/ul#	95
15) Phenanthrene	17.312	178	22560	0.427	ng/ul	99
16) Anthracene	17.405	178	2348	0.057	ng/ul#	87
19) Fluoranthene	19.334	202	41299	0.648	ng/ul#	93
20) Pyrene	19.696	202	36028	0.553	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	12812	0.341	ng/ul	98
22) Chrysene	21.498	228	13624	0.317	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	16523	0.424	ng/ul	98
25) Benzo(k)fluoranthene	23.170	252	6534m	0.177	ng/ul	
26) Benzo(a)pyrene	23.746	252	4115	0.122	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.324	276	7799	0.175	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.327	278	1654	0.049	ng/ul#	46
29) Benzo(g,h,i)perylene	27.082	276	7779	0.189	ng/ul	98

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

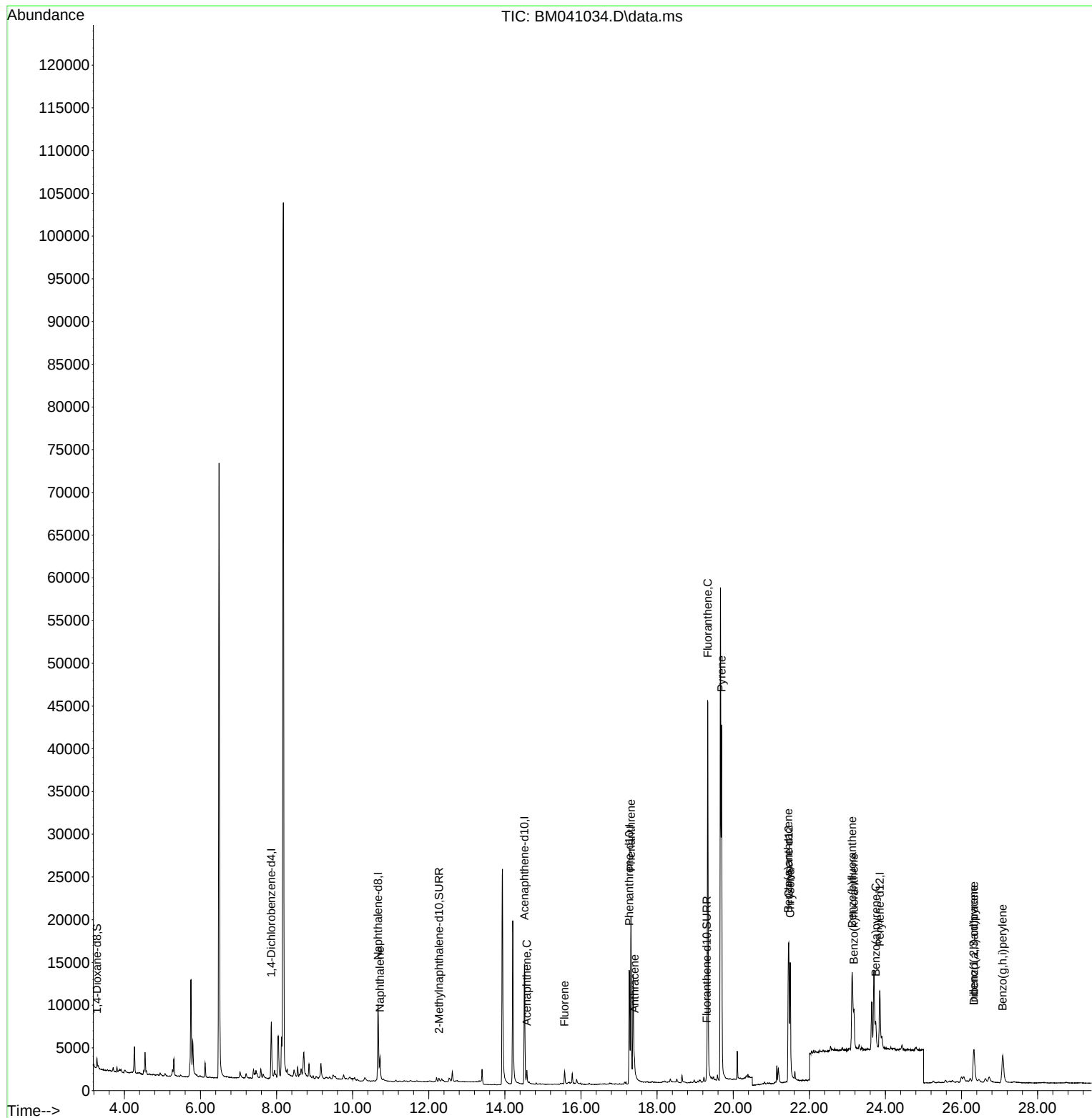
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041034.D
Acq On : 22 Jul 2023 01:39
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ALS Vial : 23 Sample Multiplier: 1

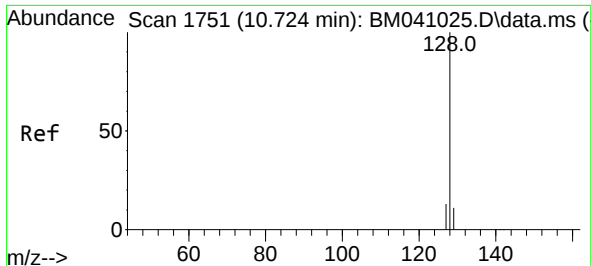
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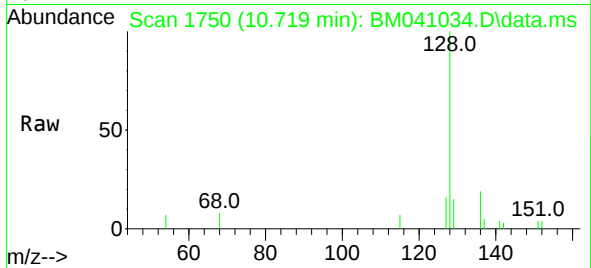
Quant Time: Jul 22 02:37:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.104 ng/u1
RT: 10.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

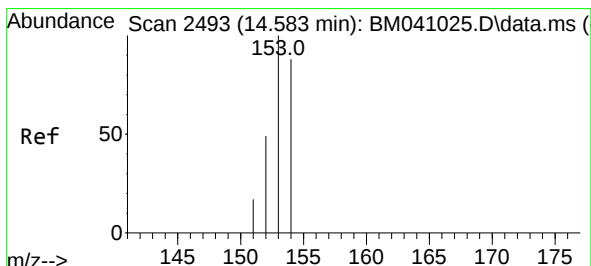
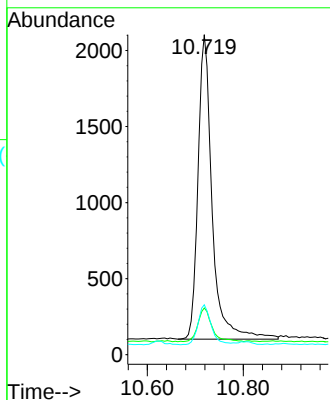
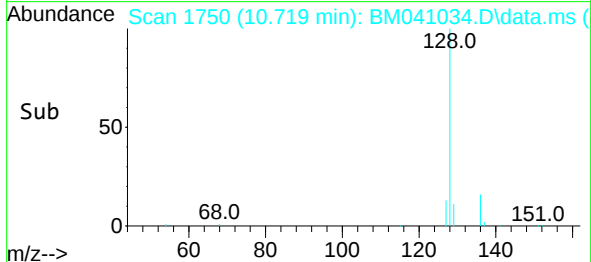
Instrument :
BNA_M
ClientSampleId :
A46Y1DL



Tgt Ion:128 Resp: 4090
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.8
127 15.6 11.0 16.4

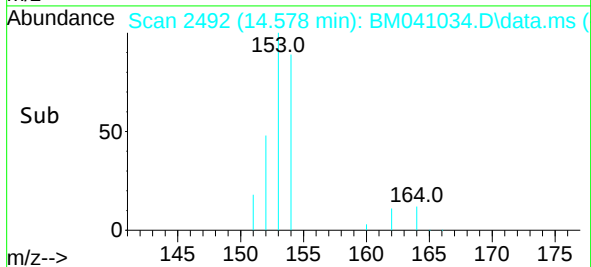
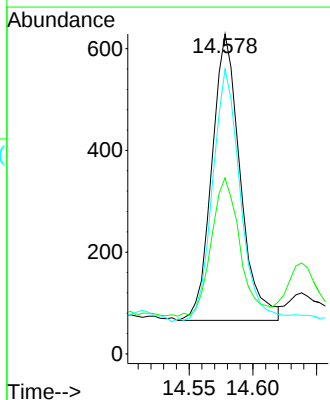
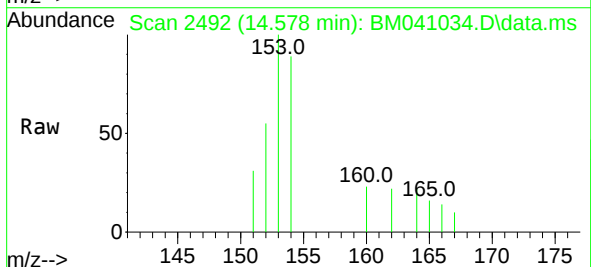
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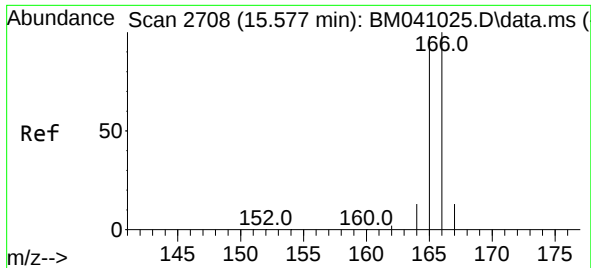
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.578 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

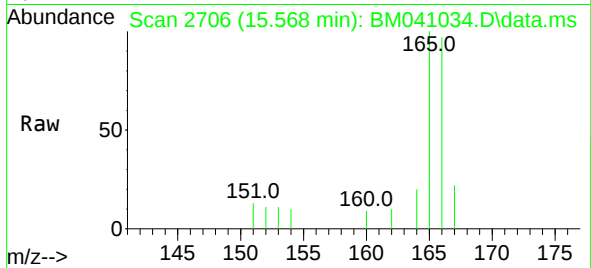
Tgt Ion:153 Resp: 870
Ion Ratio Lower Upper
153 100
152 55.0 41.0 61.6
154 89.0 68.2 102.2





#12
Fluorene
Concen: 0.034 ng/u1
RT: 15.568 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

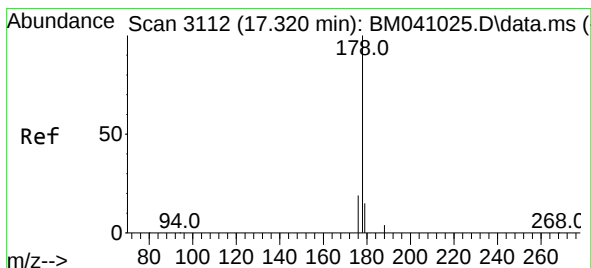
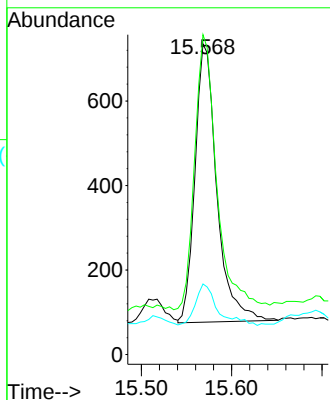
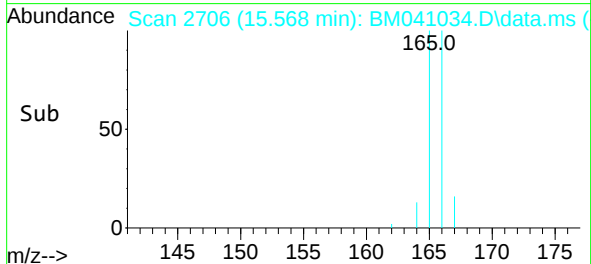
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Tgt Ion:166 Resp: 1108
Ion Ratio Lower Upper
166 100
165 103.0 80.3 120.5
167 22.7 11.7 17.5

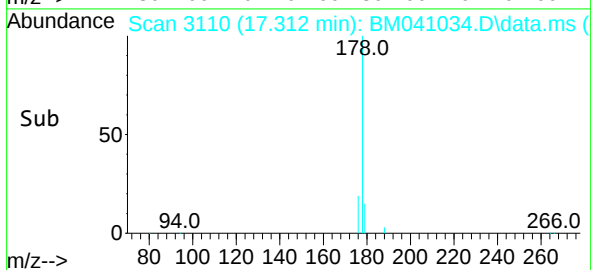
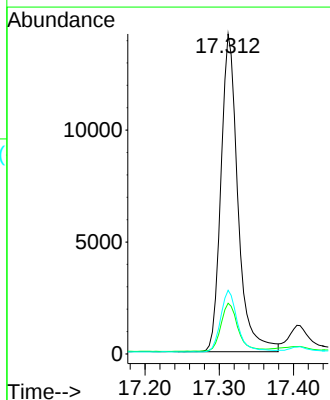
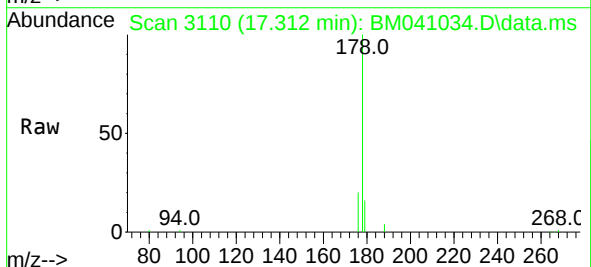
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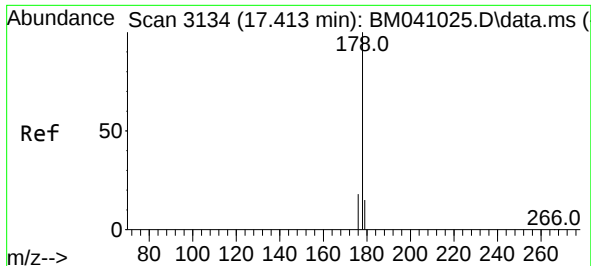
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#15
Phenanthrene
Concen: 0.427 ng/u1
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

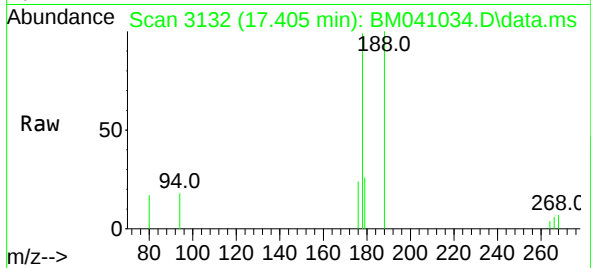
Tgt Ion:178 Resp: 22560
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.9 16.2 24.4





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.405 min Scan# 3132
 Delta R.T. -0.008 min
 Lab File: BM041034.D
 Acq: 22 Jul 2023 01:39

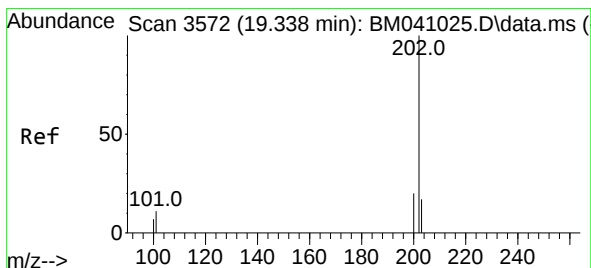
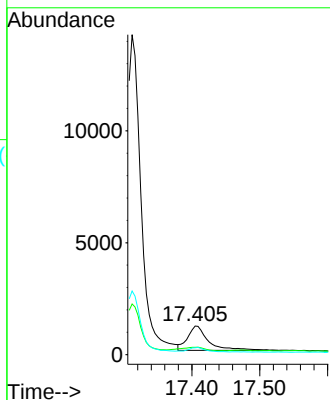
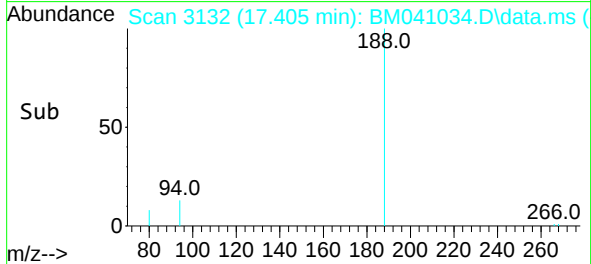
Instrument :
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Tgt Ion:178 Resp: 2348
 Ion Ratio Lower Upper
 178 100
 179 25.9 13.7 20.5#
 176 23.9 16.4 24.6#

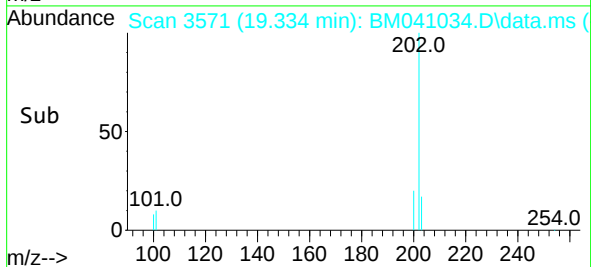
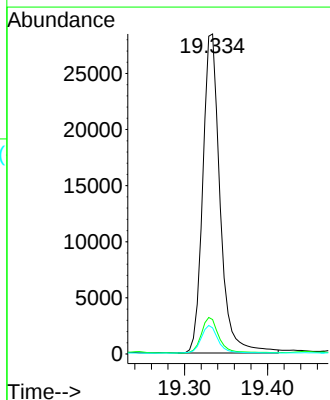
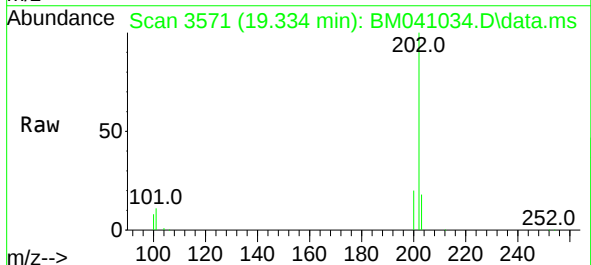
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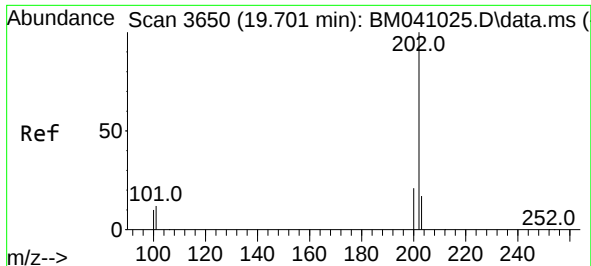
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 0.648 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.005 min
 Lab File: BM041034.D
 Acq: 22 Jul 2023 01:39

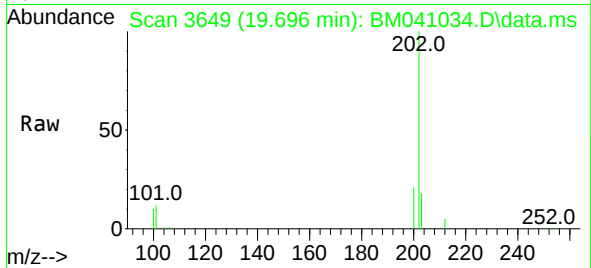
Tgt Ion:202 Resp: 41299
 Ion Ratio Lower Upper
 202 100
 101 10.7 11.0 16.4#
 100 8.2 8.3 12.5#





#20
Pyrene
Concen: 0.553 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

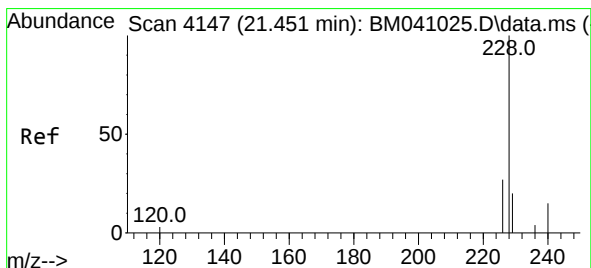
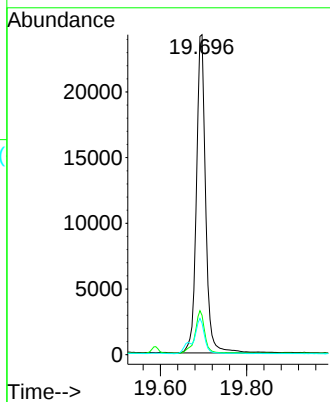
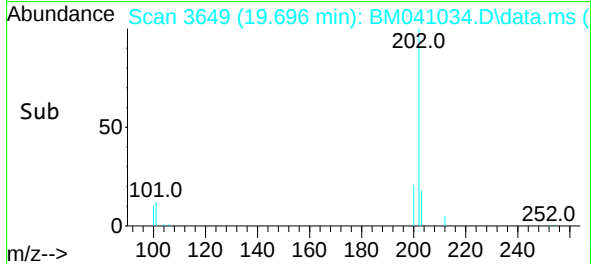
Instrument :
BNA_M
ClientSampleId :
A46Y1DL



Tgt Ion:202 Resp: 36028
Ion Ratio Lower Upper
202 100
101 12.3 12.5 18.7
100 9.8 10.0 15.0

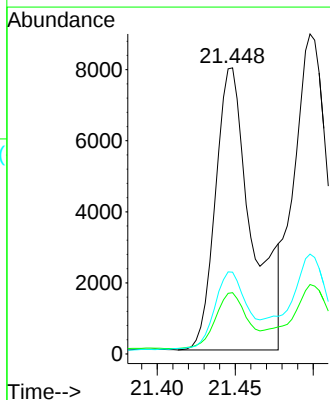
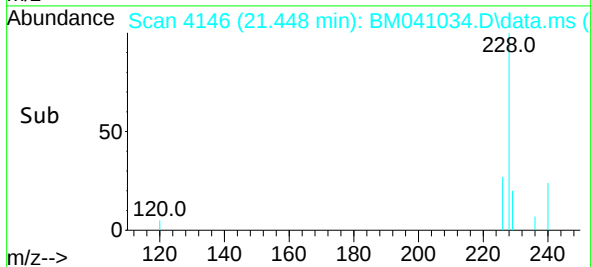
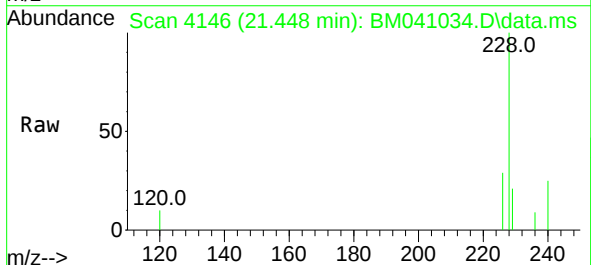
Manual Integrations
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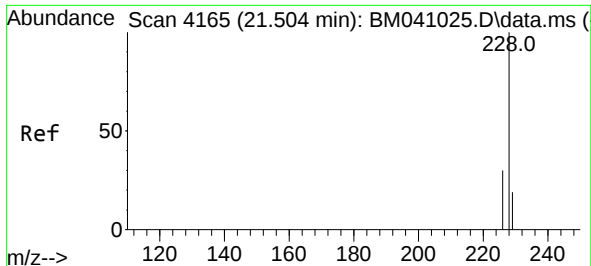
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#21
Benzo(a)anthracene
Concen: 0.341 ng/u1
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

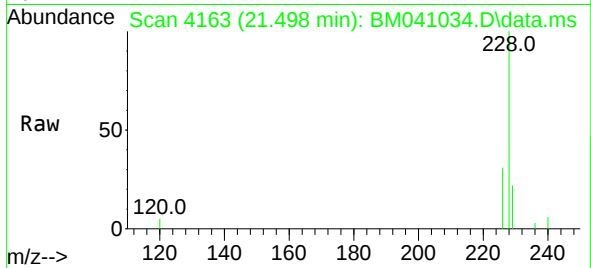
Tgt Ion:228 Resp: 12812
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.4
226 28.6 22.3 33.5





#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

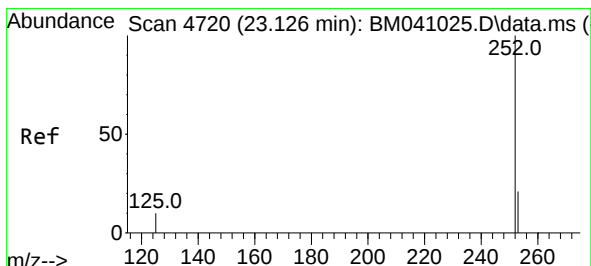
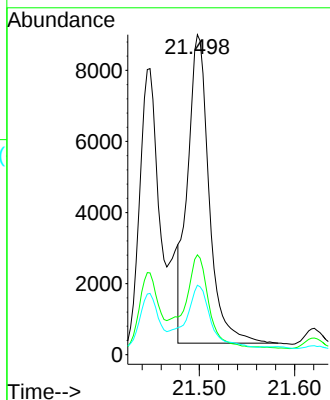
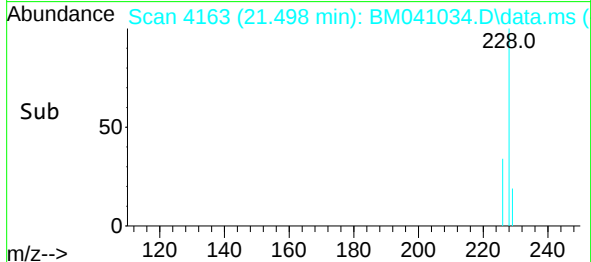
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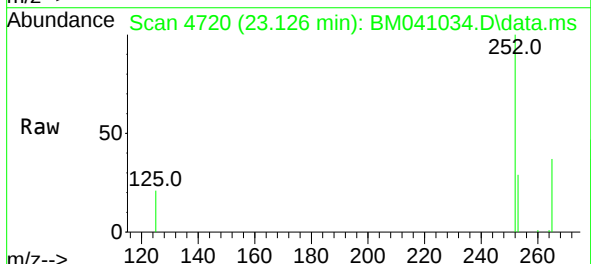
Tgt Ion:228 Resp: 13624
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 21.7 16.1 24.1

Manual Integrations
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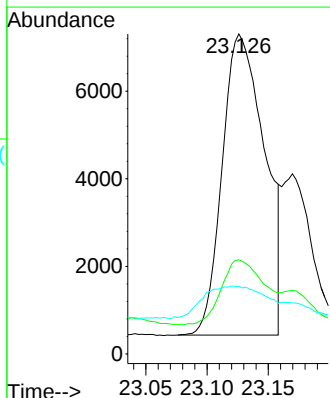
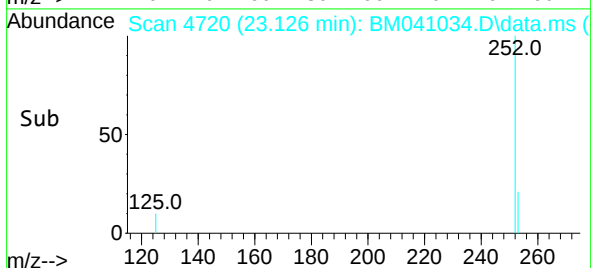
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

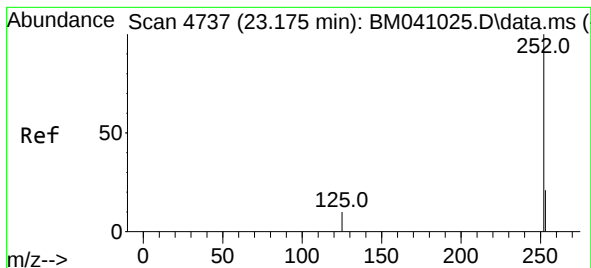


#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39



Tgt Ion:252 Resp: 16523
Ion Ratio Lower Upper
252 100
253 29.4 0.0 57.4
125 21.1 0.0 45.2





#25

Benzo(k)fluoranthene

Concen: 0.177 ng/ul m

RT: 23.170 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM041034.D

Acq: 22 Jul 2023 01:39

Instrument :

BNA_M

ClientSampleId :

A46Y1DL

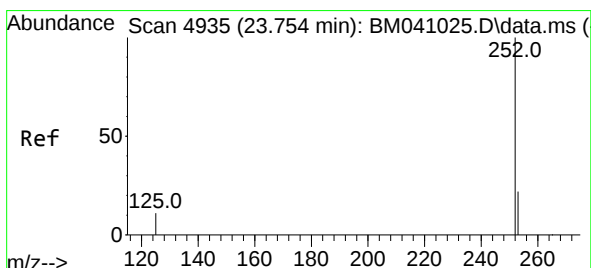
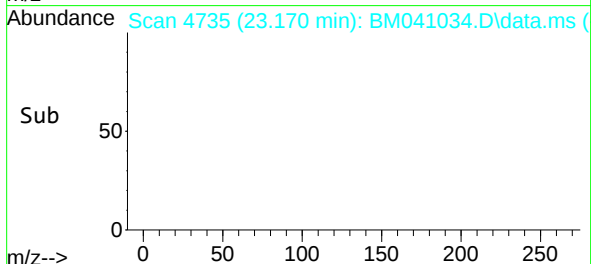
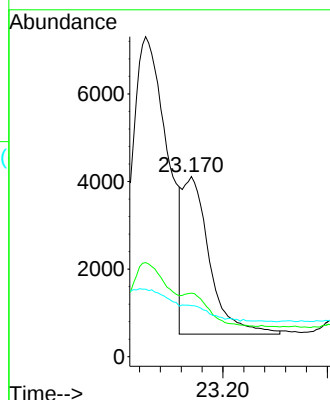
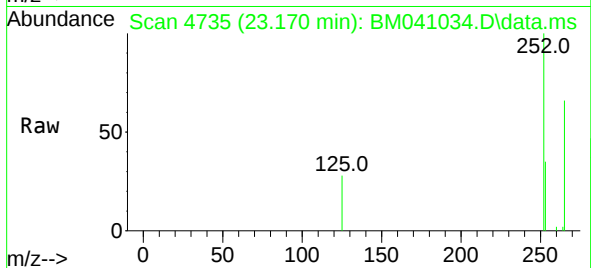
Tgt Ion:252	Resp:	6534
Ion Ratio	Lower	Upper
252	100	
253	35.3	23.3 34.9
125	28.3	18.2 27.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#26

Benzo(a)pyrene

Concen: 0.122 ng/ul

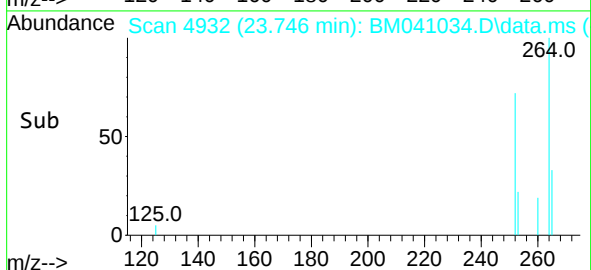
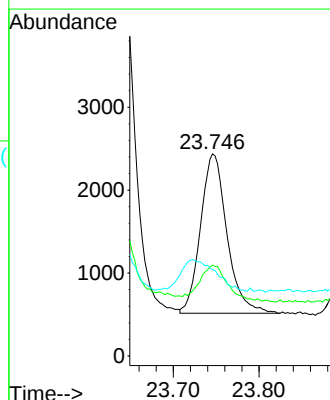
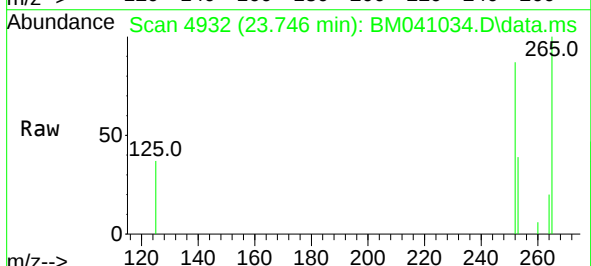
RT: 23.746 min Scan# 4932

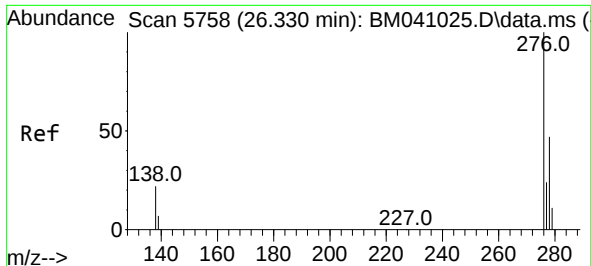
Delta R.T. -0.012 min

Lab File: BM041034.D

Acq: 22 Jul 2023 01:39

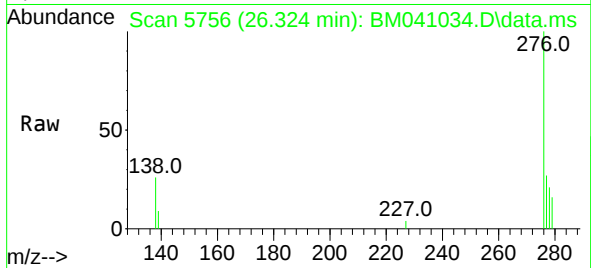
Tgt Ion:252	Resp:	4115
Ion Ratio	Lower	Upper
252	100	
253	45.0	28.2 42.2
125	42.6	25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.324 min Scan# 5758
Delta R.T. -0.013 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

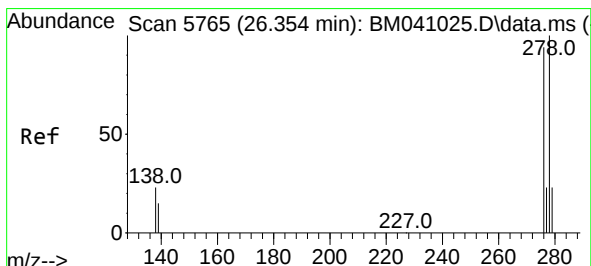
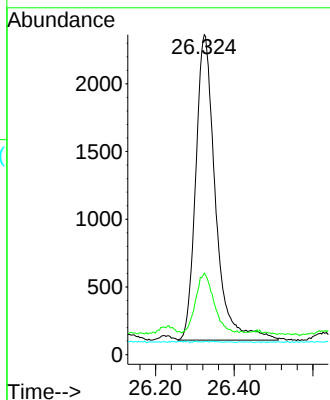
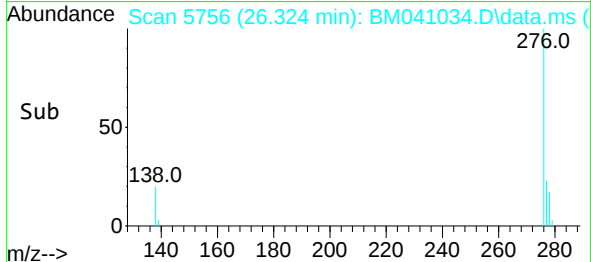
Instrument :
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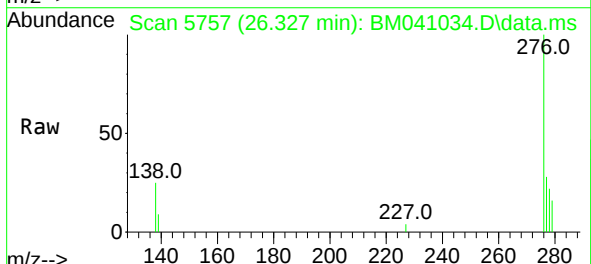
Tgt Ion: 276 Resp: 7799
Ion Ratio Lower Upper
276 100
138 18.0 22.3 33.5#
227 0.0 0.0 0.0#

Manual Integrations
APPROVED

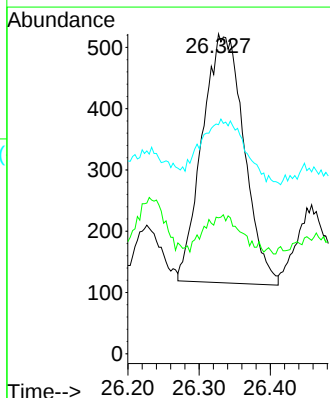
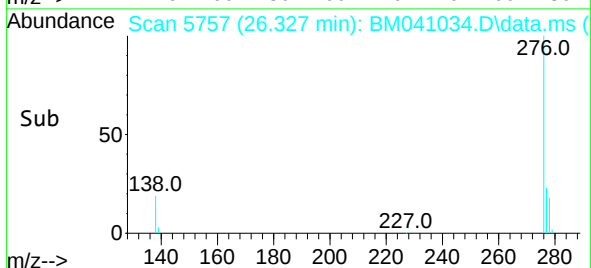
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

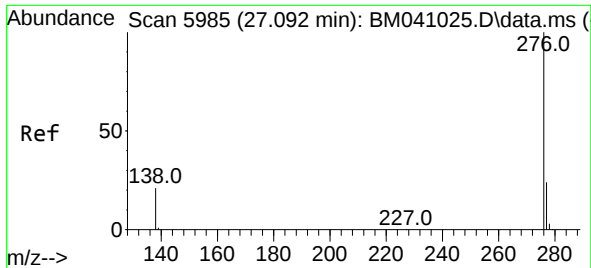


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.027 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39



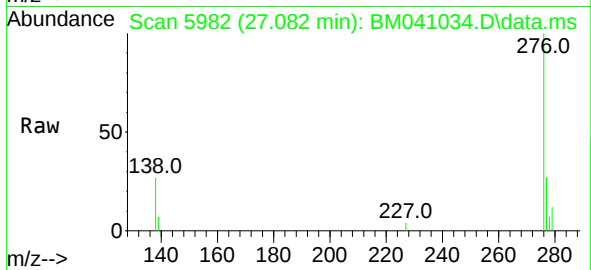
Tgt Ion: 278 Resp: 1654
Ion Ratio Lower Upper
278 100
139 42.5 19.2 28.8#
279 71.6 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BM041034.D
Acq: 22 Jul 2023 01:39

Instrument :
BNA_M
ClientSampleId :
A46Y1DL



Tgt Ion:276 Resp: 7779
Ion Ratio Lower Upper
276 100
138 27.0 22.6 34.0
277 27.4 21.2 31.8

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