

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041039.D
 Acq On : 22 Jul 2023 04:45
 Operator : MA/JU
 Sample : 03540-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4735

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 05:42:36 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	7.857	152	3874	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.664	136	13315	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.513	164	7624	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	16554	0.400	ng/ul	-0.01
17) Chrysene-d12	21.460	240	10847	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	8054	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8636	1.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5025	0.283	ng/ul	-0.01
18) Fluoranthene-d10	19.301	212	10161	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1642	0.045	ng/ul#	77
10) Acenaphthylene	14.231	152	2068	0.065	ng/ul#	85
11) Acenaphthene	14.573	153	1209	0.043	ng/ul	94
12) Fluorene	15.563	166	975	0.033	ng/ul#	91
15) Phenanthrene	17.307	178	24292	0.491	ng/ul	99
16) Anthracene	17.400	178	4006	0.104	ng/ul#	92
19) Fluoranthene	19.329	202	56061	1.001	ng/ul	95
20) Pyrene	19.692	202	40353	0.705	ng/ul	95
21) Benzo(a)anthracene	21.445	228	19395	0.587	ng/ul	99
22) Chrysene	21.495	228	19161	0.507	ng/ul	99
24) Benzo(b)fluoranthene	23.123	252	18944	0.613	ng/ul	98
25) Benzo(k)fluoranthene	23.167	252	7960m	0.271	ng/ul	
26) Benzo(a)pyrene	23.740	252	3447	0.129	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.317	276	6305	0.178	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.334	278	2262	0.084	ng/ul#	59

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

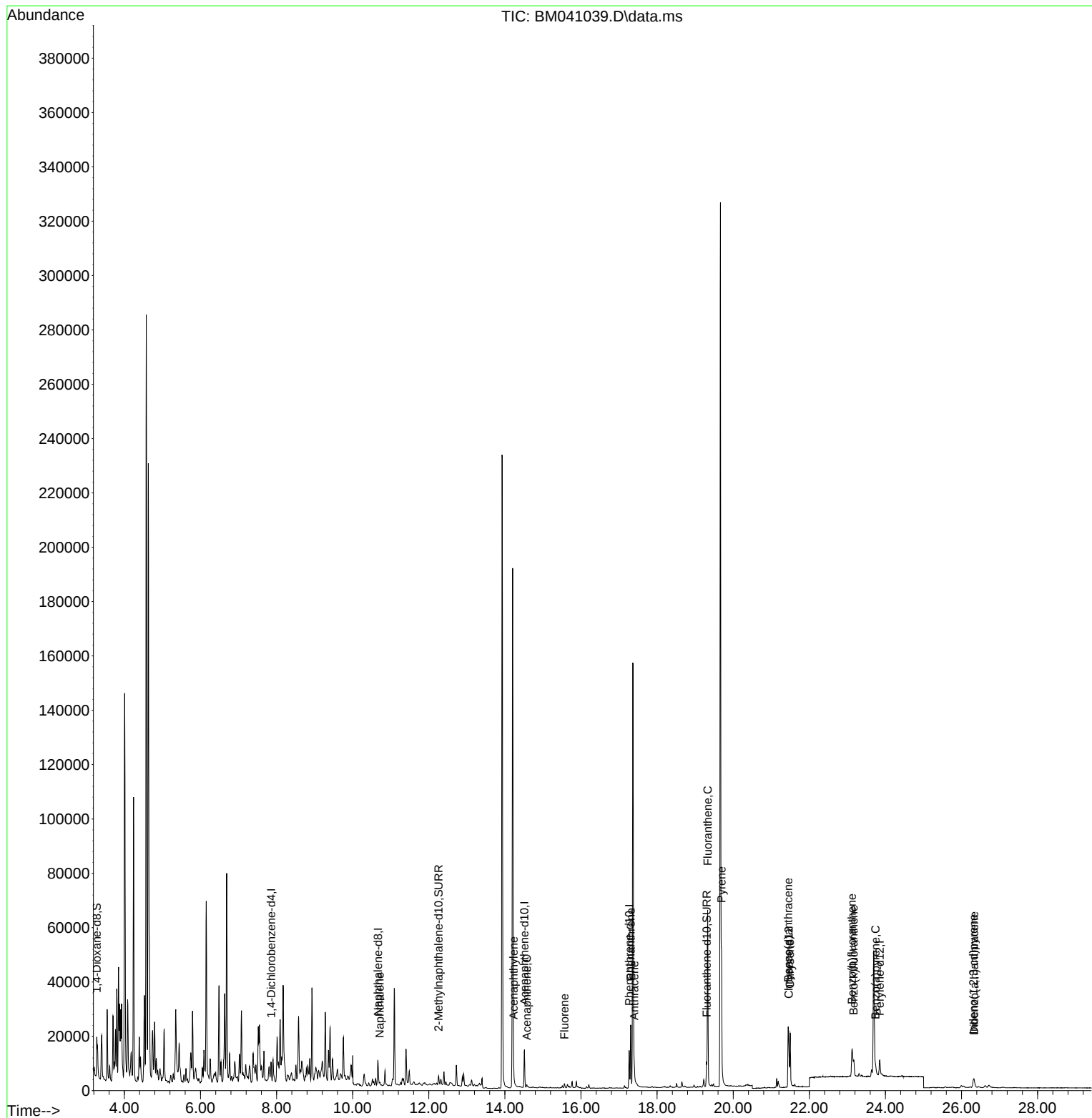
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041039.D
Acq On : 22 Jul 2023 04:45
Operator : MA/JU
Sample : 03540-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

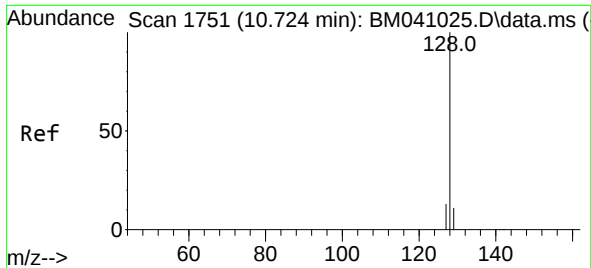
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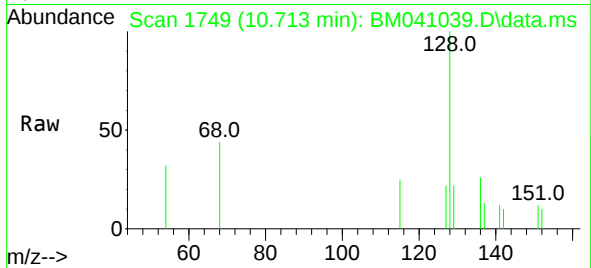
Quant Time: Jul 22 05:42:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

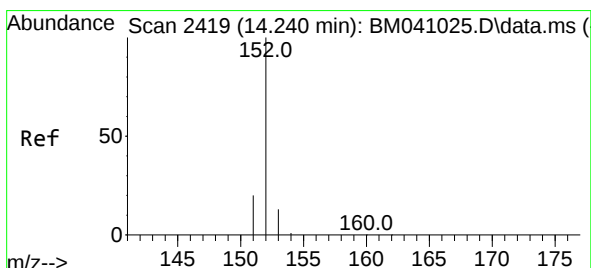
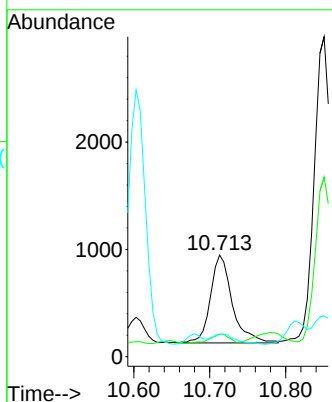
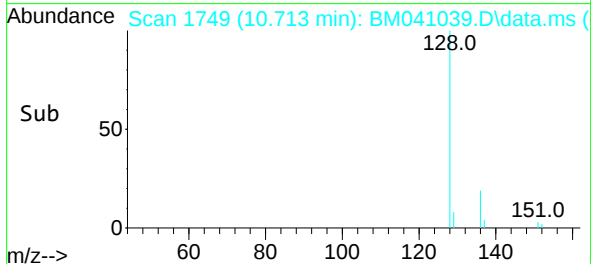
Instrument :
BNA_M
ClientSampleId :
A4735



Tgt Ion:128 Resp: 164
Ion Ratio Lower Upper
128 100
129 22.4 9.8 14.8
127 22.0 11.0 16.4

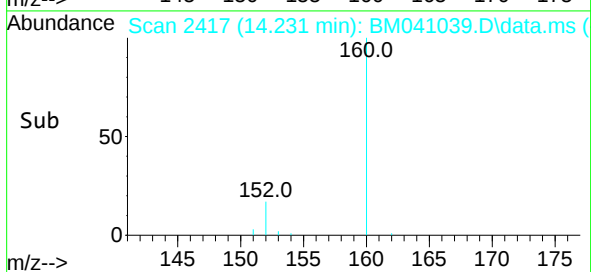
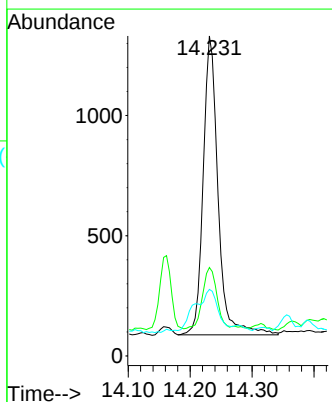
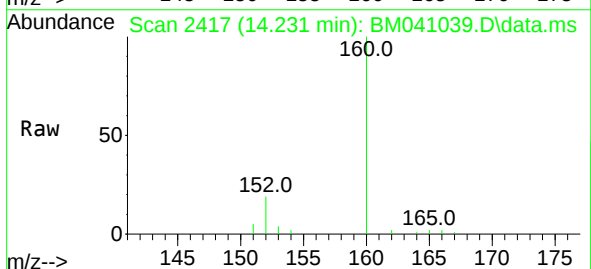
Manual Integrations
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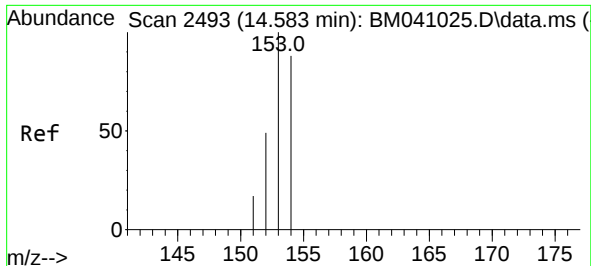
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

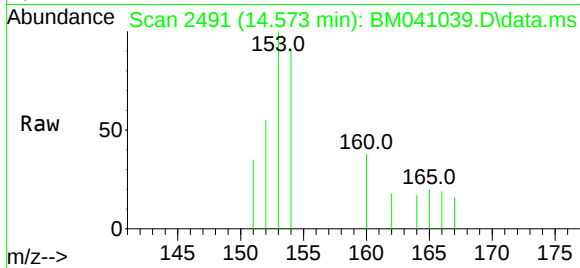
Tgt Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
151 27.6 16.8 25.2#
153 20.8 11.6 17.4#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.573 min Scan# 2493
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

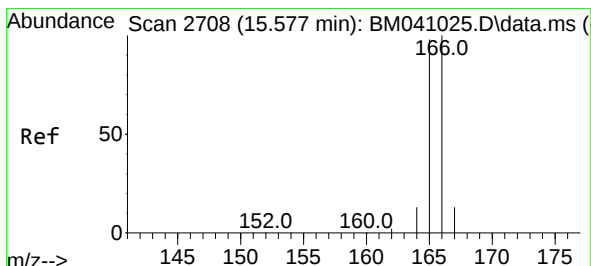
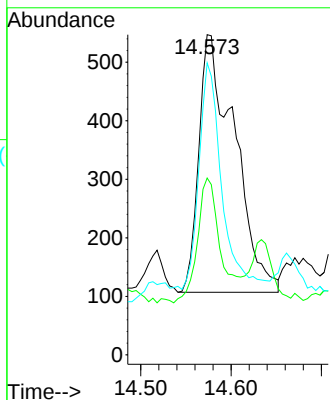
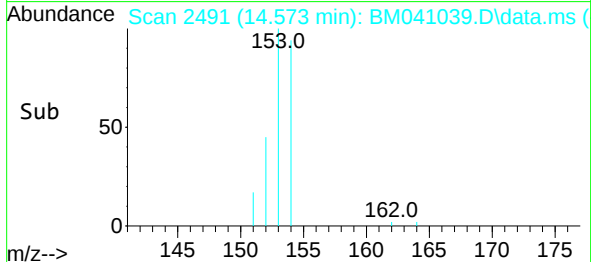
Instrument :
BNA_M
ClientSampleId :
A4735



Tgt Ion:153 Resp: 1209
Ion Ratio Lower Upper
153 100
152 55.2 41.0 61.6
154 91.2 68.2 102.2

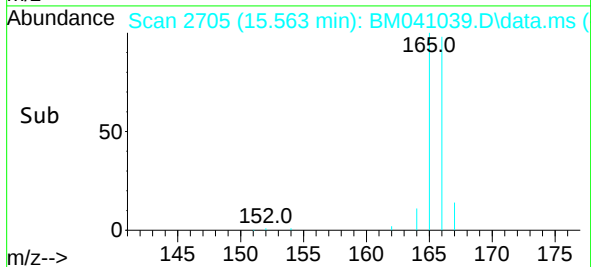
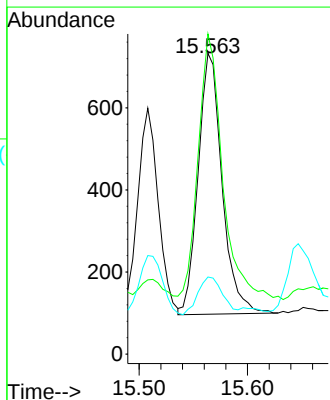
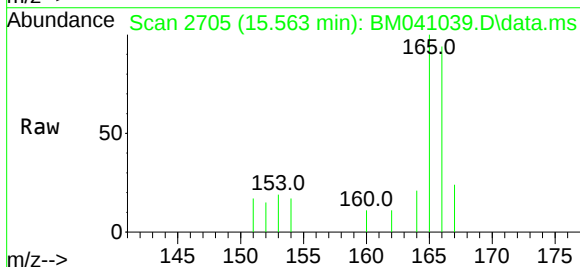
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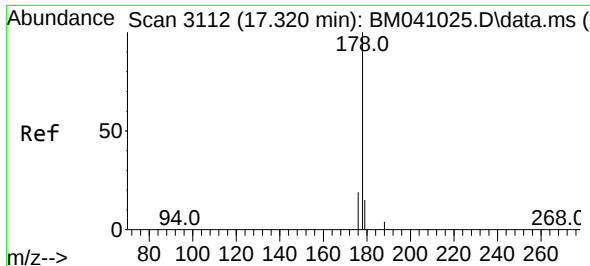
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.563 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

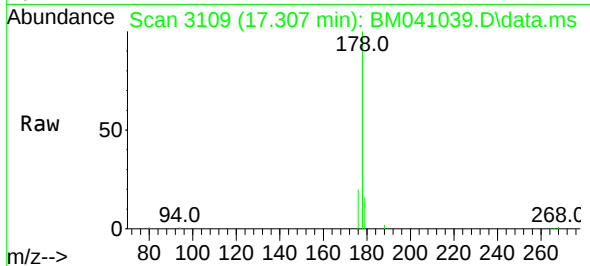
Tgt Ion:166 Resp: 975
Ion Ratio Lower Upper
166 100
165 106.4 80.3 120.5
167 25.6 11.7 17.5#





#15
Phenanthrene
Concen: 0.491 ng/u1
RT: 17.307 min Scan# 3112
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

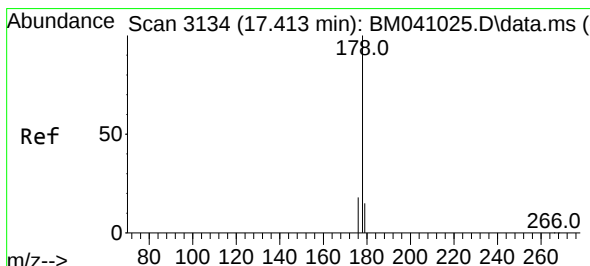
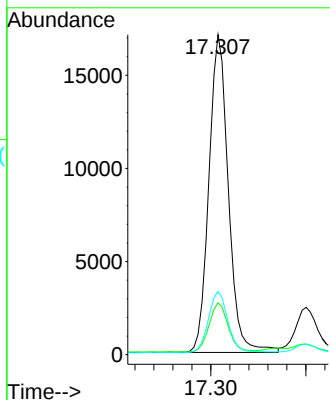
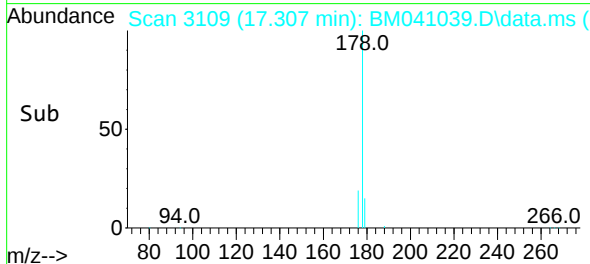
Instrument :
BNA_M
ClientSampleId :
A4735



Tgt Ion:178 Resp: 2429
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.7 16.2 24.4

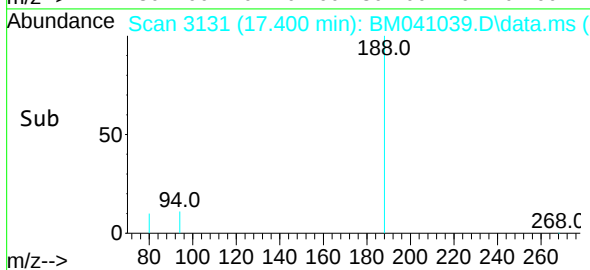
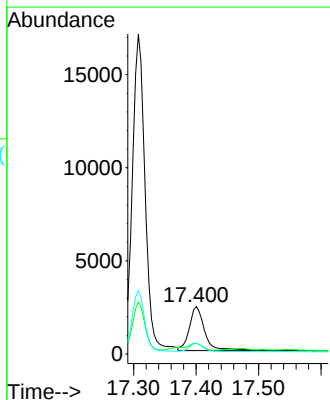
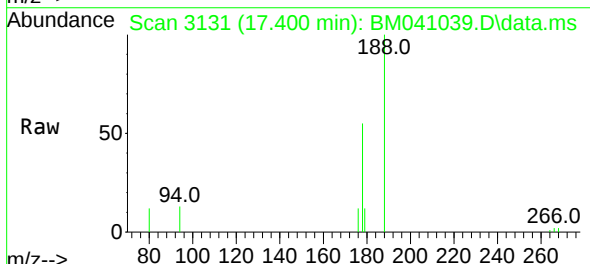
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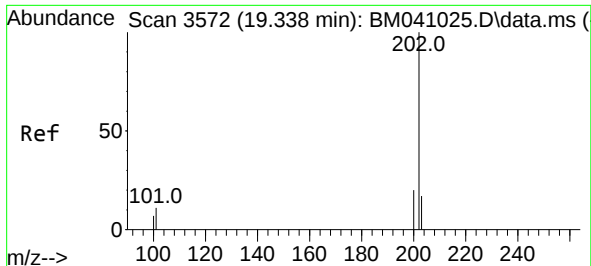
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.104 ng/u1
RT: 17.400 min Scan# 3131
Delta R.T. -0.013 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

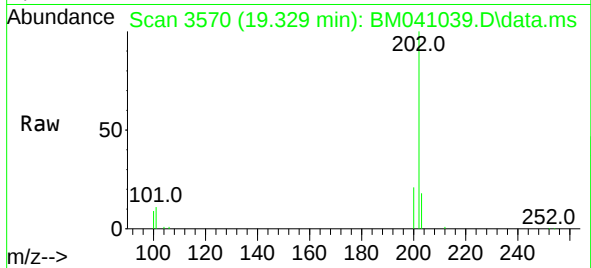
Tgt Ion:178 Resp: 4006
Ion Ratio Lower Upper
178 100
179 22.4 13.7 20.5#
176 22.7 16.4 24.6





#19
Fluoranthene
Concen: 1.001 ng/u1
RT: 19.329 min Scan# 3570
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

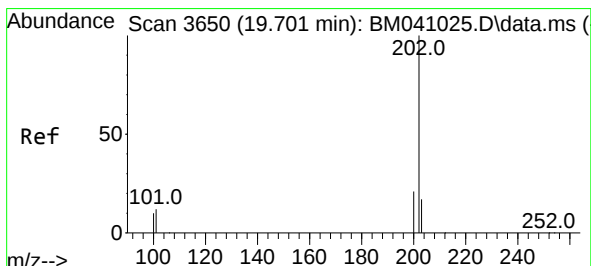
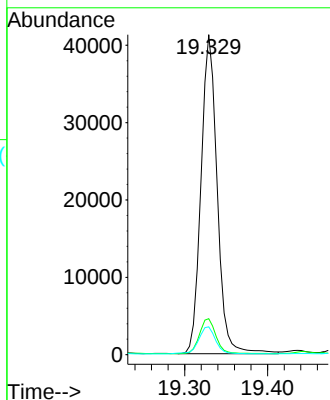
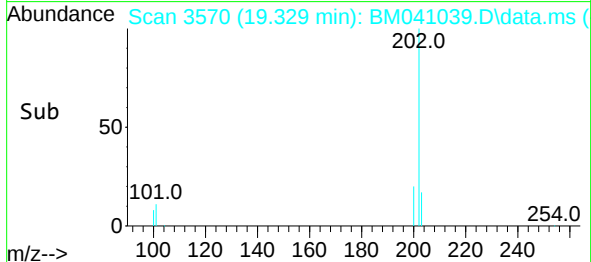
Instrument :
BNA_M
ClientSampleId :
A4735



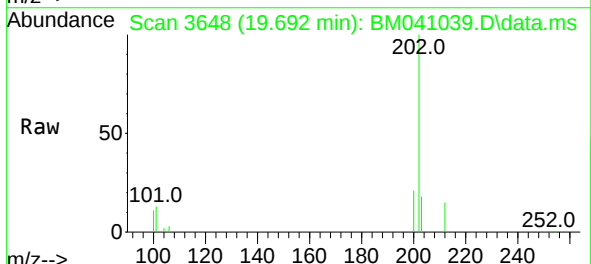
Tgt Ion:202 Resp: 5606
Ion Ratio Lower Upper
202 100
101 11.3 11.0 16.4
100 8.7 8.3 12.5

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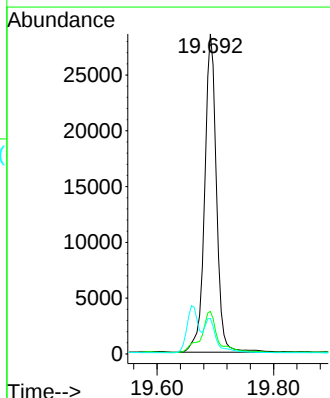
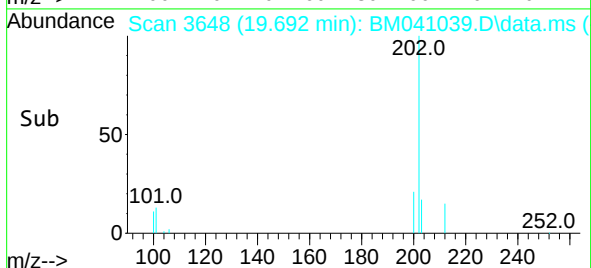
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

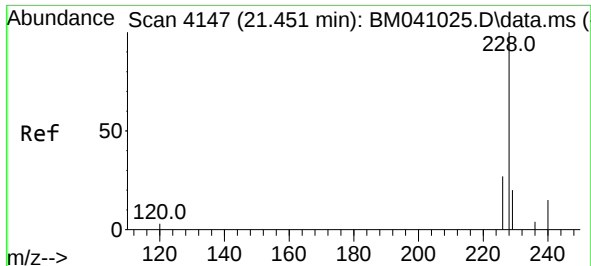


#20
Pyrene
Concen: 0.705 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45



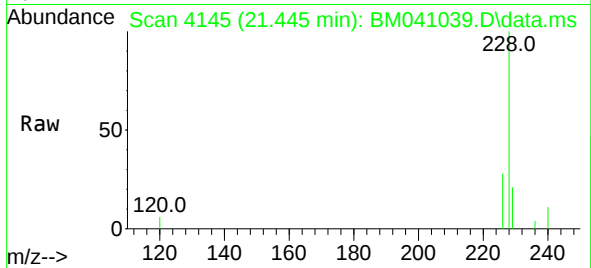
Tgt Ion:202 Resp: 40353
Ion Ratio Lower Upper
202 100
101 13.3 12.5 18.7
100 11.1 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.587 ng/u1
RT: 21.445 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

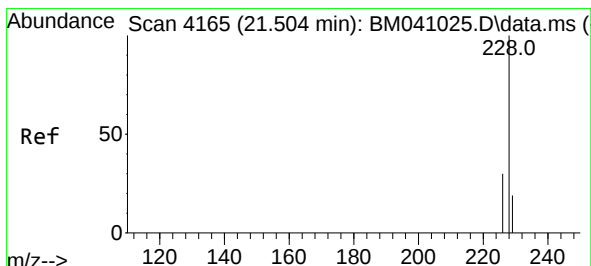
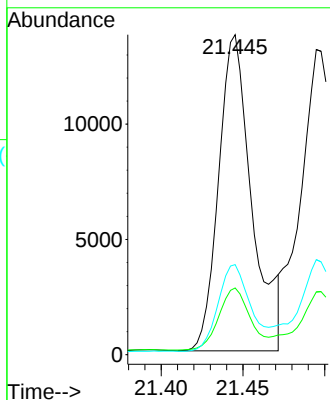
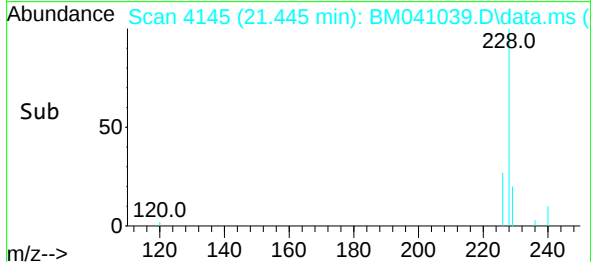
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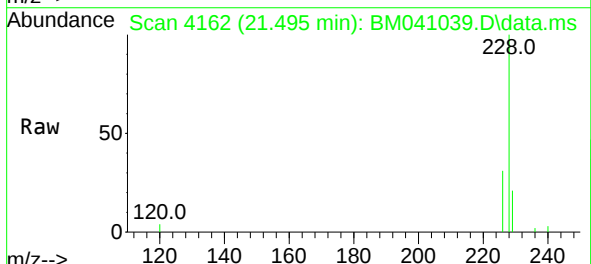
Tgt Ion:228 Resp: 1939
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.4
226 28.1 22.3 33.5

Manual Integrations
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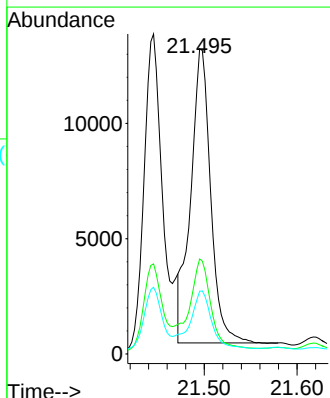
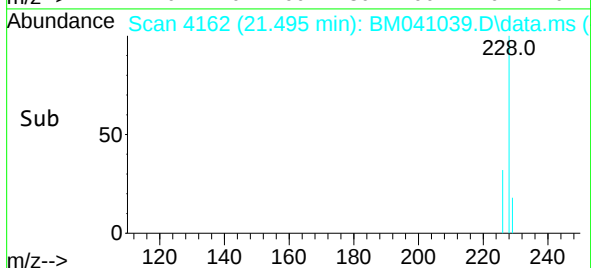
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

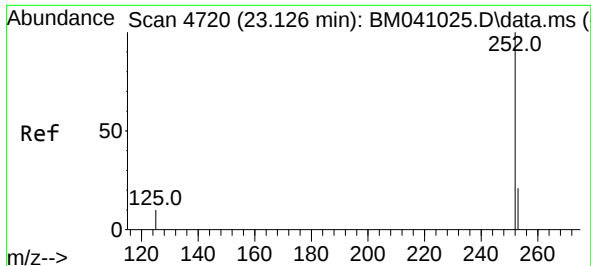


#22
Chrysene
Concen: 0.507 ng/u1
RT: 21.495 min Scan# 4162
Delta R.T. -0.009 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45



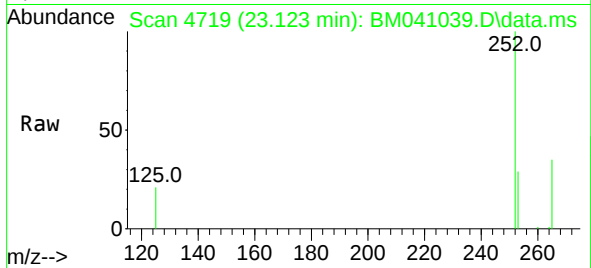
Tgt Ion:228 Resp: 19161
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.6 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.613 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

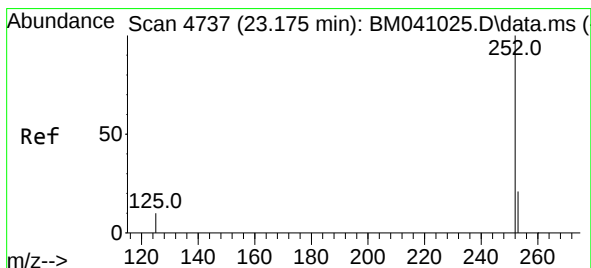
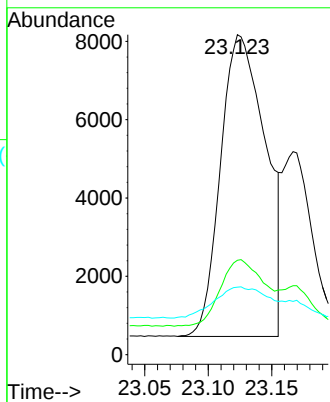
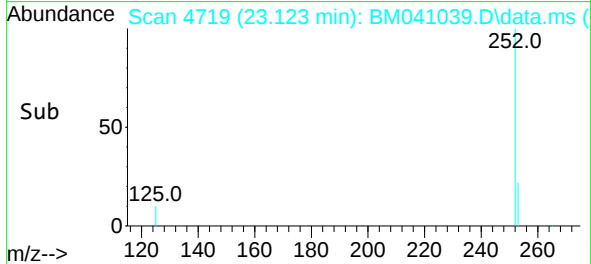
Instrument :
BNA_M
ClientSampleId :
A4735



Tgt Ion:252 Resp: 1894
Ion Ratio Lower Upper
252 100
253 29.5 0.0 57.4
125 21.1 0.0 45.2

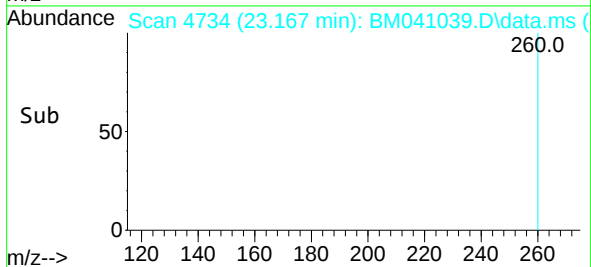
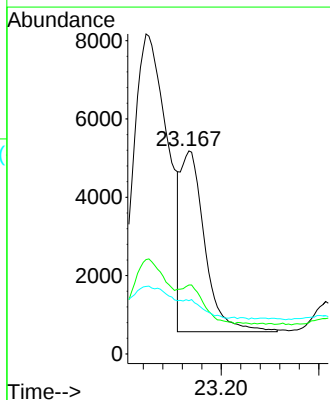
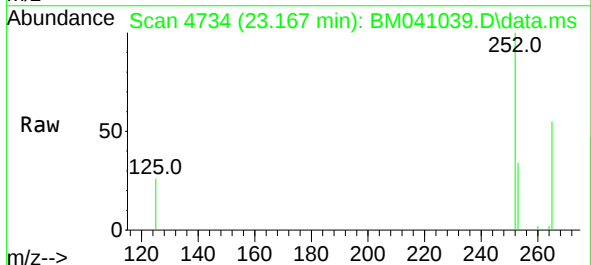
Manual Integrations
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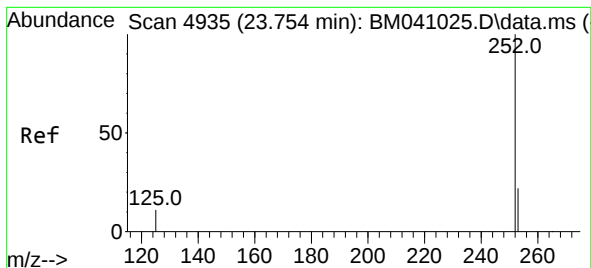
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.271 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM041039.D
Acq: 22 Jul 2023 04:45

Tgt Ion:252 Resp: 7960
Ion Ratio Lower Upper
252 100
253 34.0 23.3 34.9
125 26.3 18.2 27.2





#26

Benzo(a)pyrene

Concen: 0.129 ng/ul

RT: 23.740 min Scan# 4935

Delta R.T. -0.018 min

Lab File: BM041039.D

Acq: 22 Jul 2023 04:45

Instrument :

BNM

ClientSampleId :

A4735

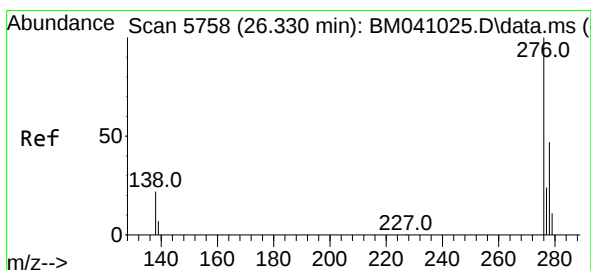
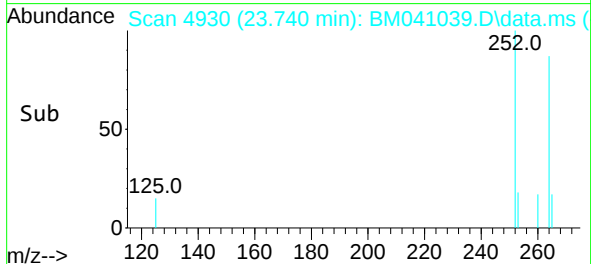
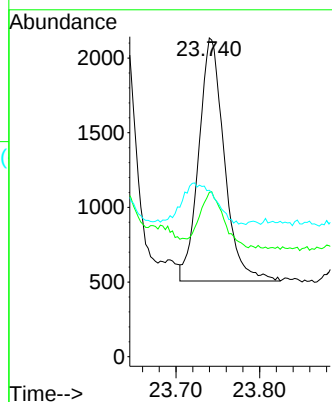
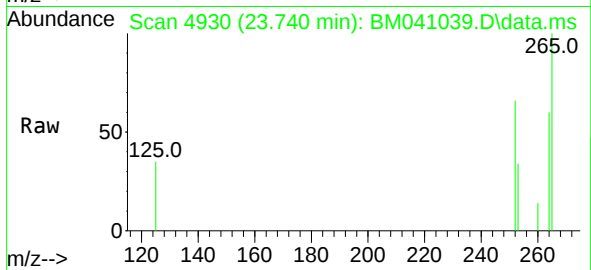
Tgt Ion:	252	Resp:	344
Ion Ratio	Lower	Upper	
252	100		
253	51.6	28.2	42.2
125	52.2	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.178 ng/ul

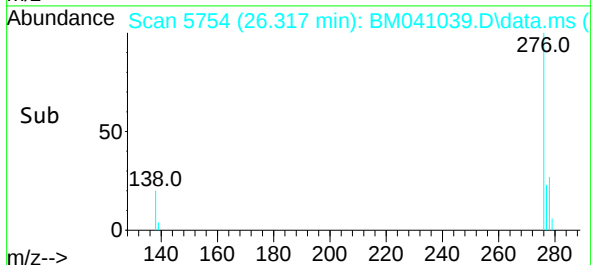
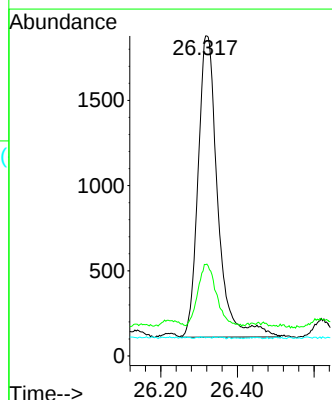
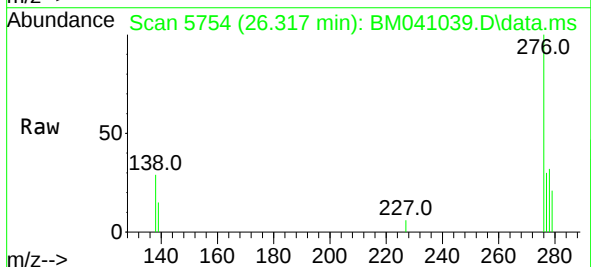
RT: 26.317 min Scan# 5754

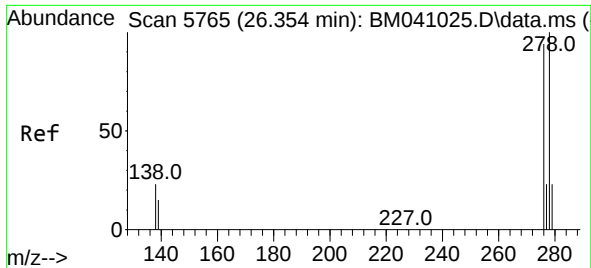
Delta R.T. -0.020 min

Lab File: BM041039.D

Acq: 22 Jul 2023 04:45

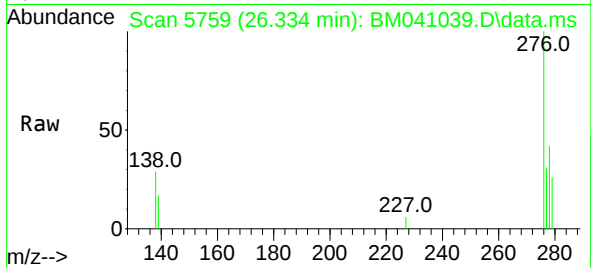
Tgt Ion:	276	Resp:	6305
Ion Ratio	Lower	Upper	
276	100		
138	19.1	22.3	33.5
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.084 ng/ul
 RT: 26.334 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM041039.D
 Acq: 22 Jul 2023 04:45

Instrument :
 BNA_M
 ClientSampleId :
 A4735



Tgt Ion:278 Resp: 226
 Ion Ratio Lower Upper
 278 100
 139 39.9 19.2 28.8
 279 60.8 27.0 40.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

