

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041035.D
 Acq On : 22 Jul 2023 02:17
 Operator : MA/JU
 Sample : 03444-21DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Y2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 02:53:50 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	4031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	15606	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	9520	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.269	188	34192	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	14181	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	11299	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	2279	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	1547	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	3321	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	497	0.071	ng/ul#	59
5) Naphthalene	10.718	128	5371	0.126	ng/ul	96
7) 2-Methylnaphthalene	12.335	142	813	0.035	ng/ul	89
8) 1-Methylnaphthalene	12.555	142	1831	0.074	ng/ul	91
10) Acenaphthylene	14.236	152	1126	0.028	ng/ul#	53
11) Acenaphthene	14.578	153	1617	0.046	ng/ul	98
12) Fluorene	15.568	166	2232	0.061	ng/ul#	95
15) Phenanthrene	17.307	178	29865	0.292	ng/ul	99
16) Anthracene	17.400	178	2489	0.031	ng/ul#	88
19) Fluoranthene	19.329	202	47867	0.654	ng/ul	95
20) Pyrene	19.691	202	45524	0.609	ng/ul	96
21) Benzo(a)anthracene	21.445	228	16283	0.377	ng/ul	96
22) Chrysene	21.498	228	16274	0.330	ng/ul	95
24) Benzo(b)fluoranthene	23.126	252	16039	0.370	ng/ul	97
25) Benzo(k)fluoranthene	23.170	252	7154m	0.174	ng/ul	
26) Benzo(a)pyrene	23.746	252	5553	0.148	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.327	276	7738	0.156	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.337	278	1720	0.046	ng/ul#	41
29) Benzo(g,h,i)perylene	27.082	276	7894	0.172	ng/ul	98

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

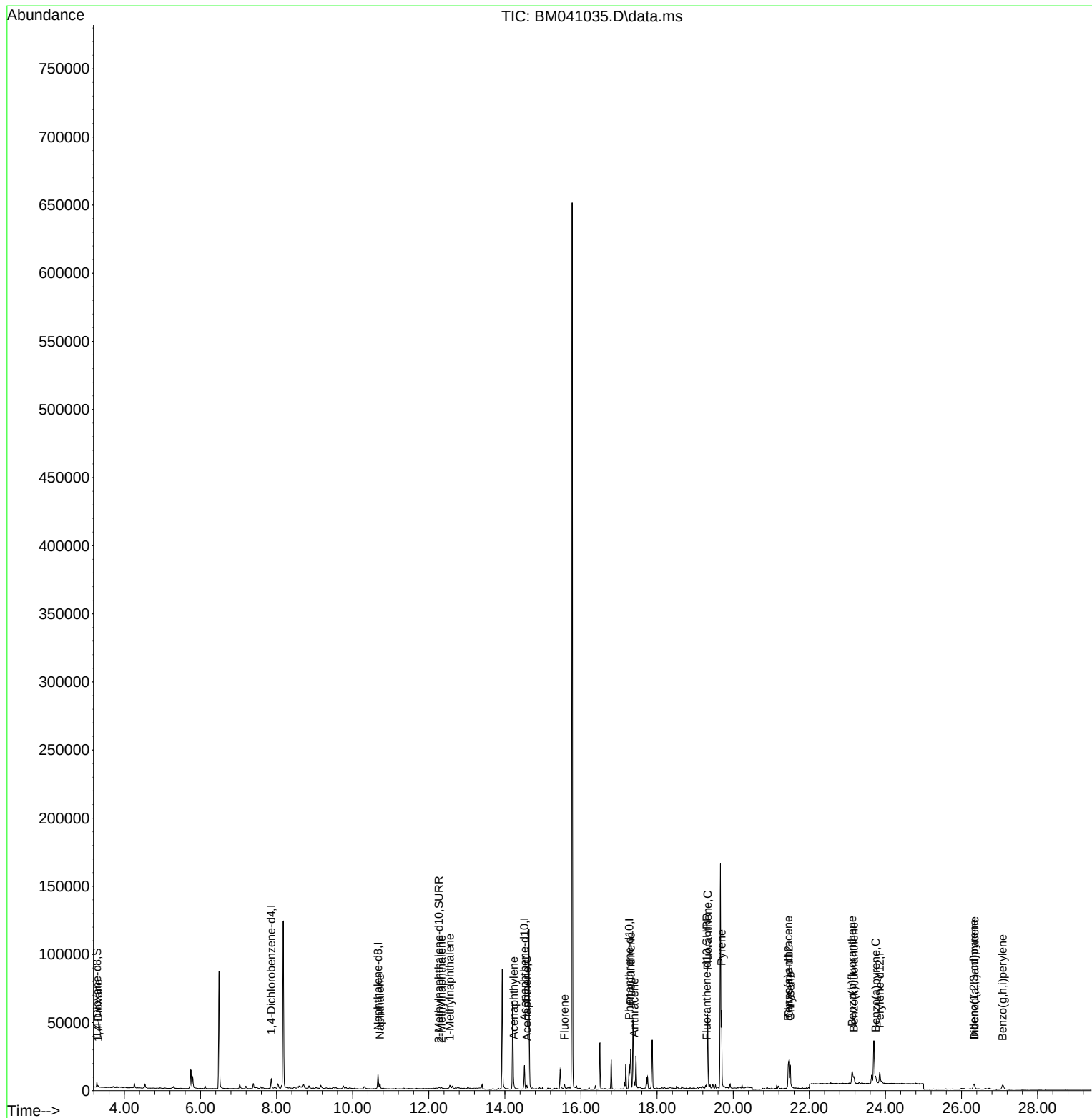
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041035.D
Acq On : 22 Jul 2023 02:17
Operator : MA/JU
Sample : 03444-21DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

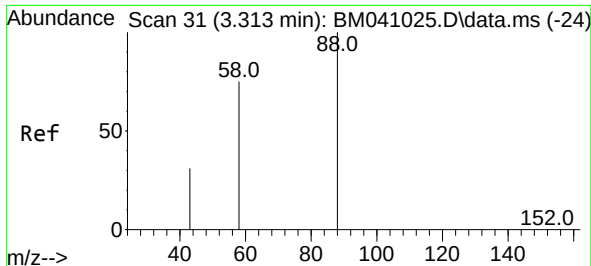
Instrument :
BNA_M
ClientSampleId :
A46Y2DL

Manual Integrations
APPROVED

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

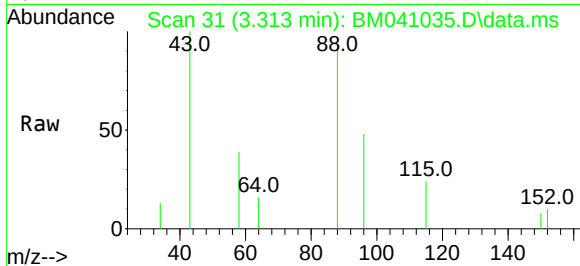
Quant Time: Jul 22 02:53:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.071 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

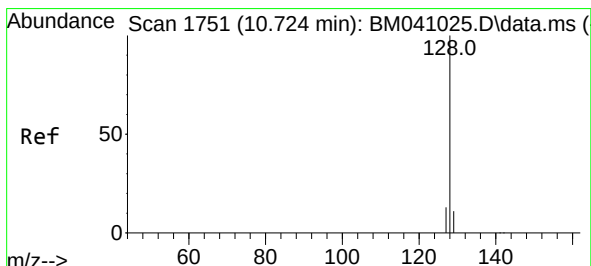
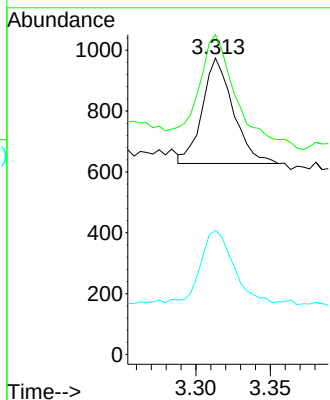
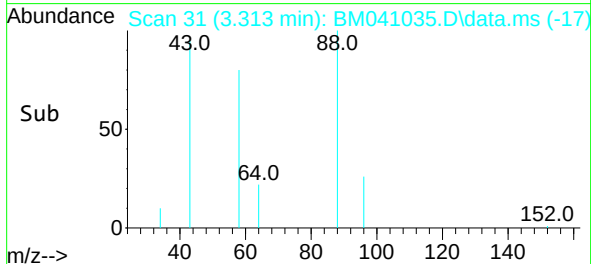
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 107.9 46.7 70.1
58 41.9 40.3 60.5

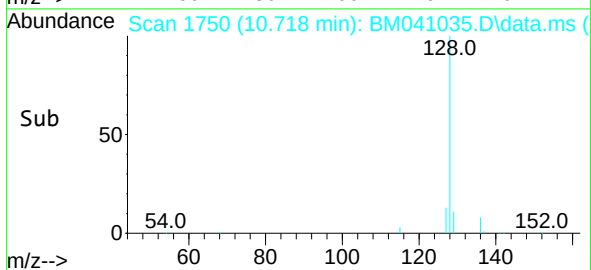
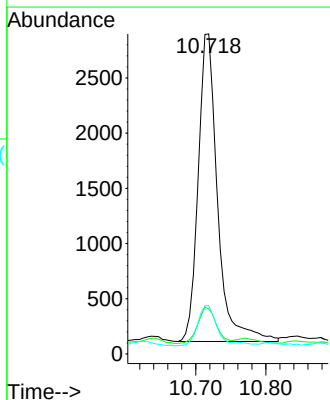
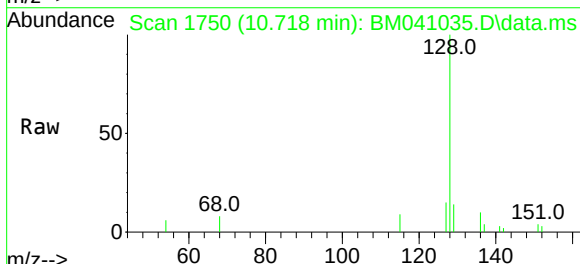
Manual Integrations
APPROVED

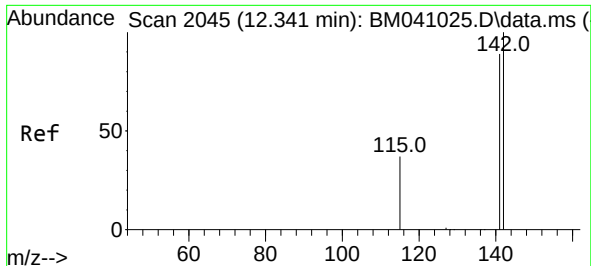
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.718 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

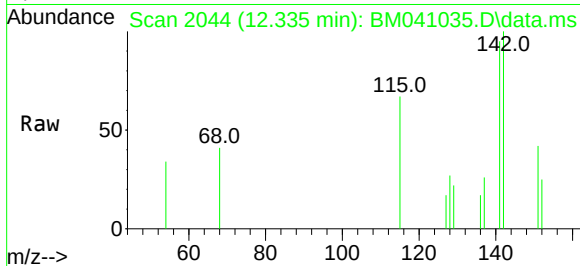
Tgt Ion:128 Resp: 5371
Ion Ratio Lower Upper
128 100
129 14.1 9.8 14.8
127 15.1 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

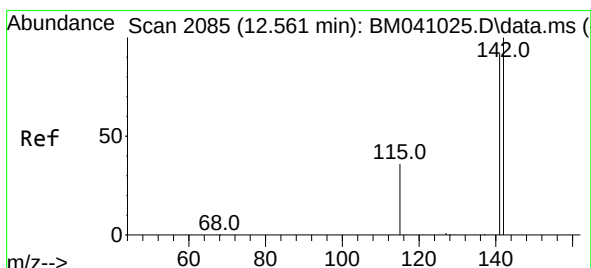
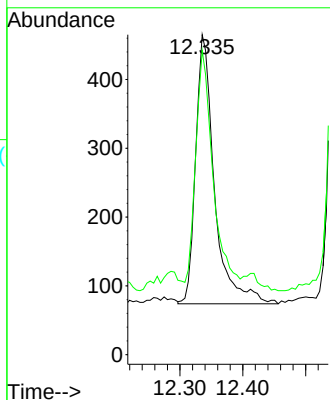
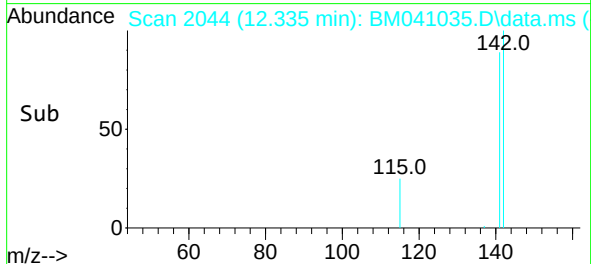
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



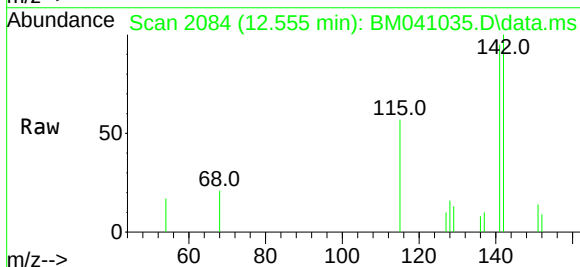
Tgt Ion:142 Resp: 811
Ion Ratio Lower Upper
142 100
141 80.8 73.2 109.8

Manual Integrations
APPROVED

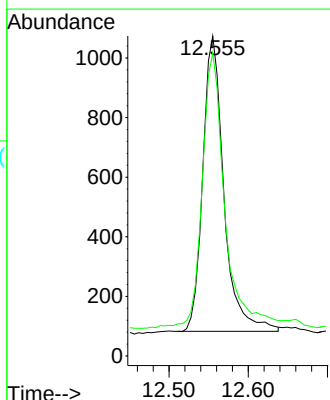
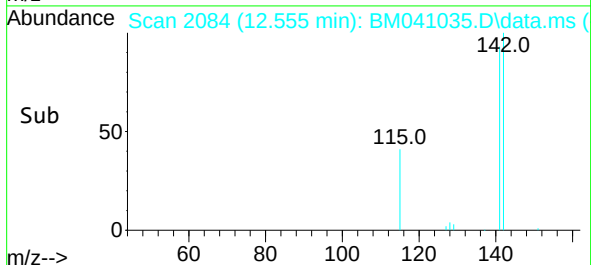
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

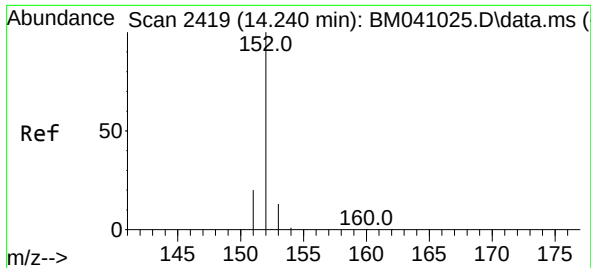


#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17



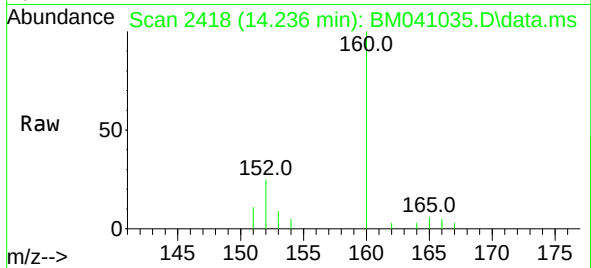
Tgt Ion:142 Resp: 1831
Ion Ratio Lower Upper
142 100
141 100.2 73.4 110.2





#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

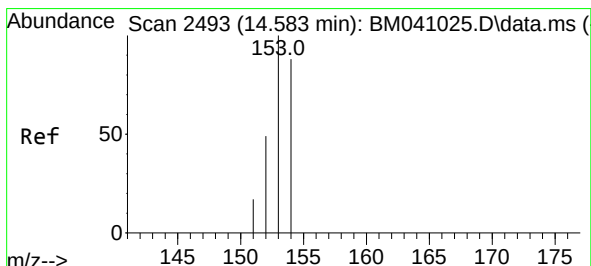
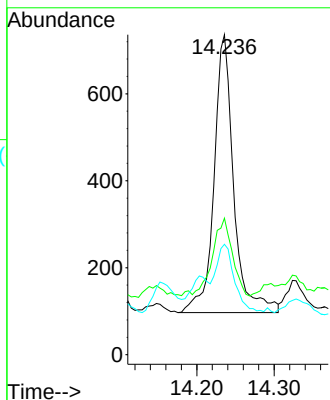
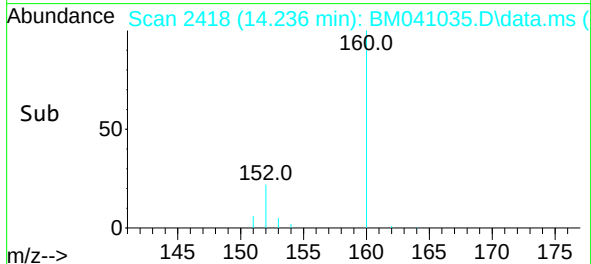
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



Tgt Ion:152 Resp: 1120
Ion Ratio Lower Upper
152 100
151 42.7 16.8 25.2
153 34.5 11.6 17.4

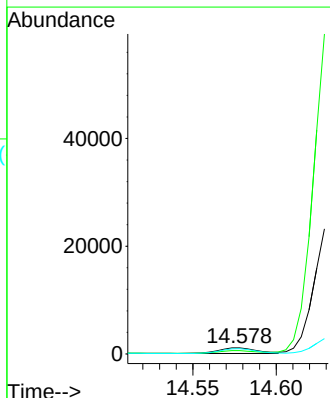
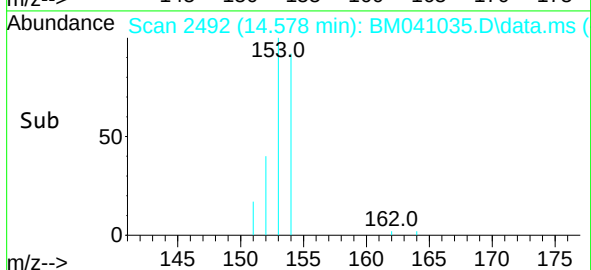
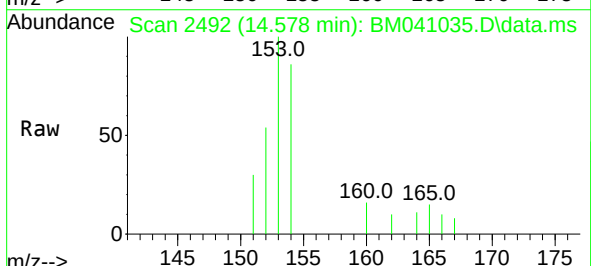
Manual Integrations
APPROVED

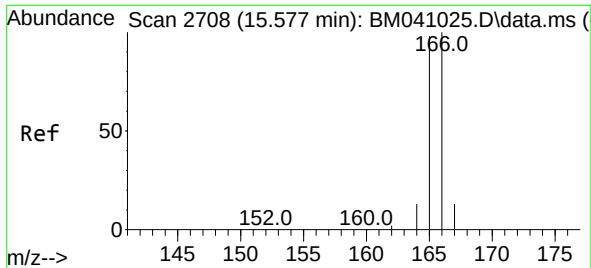
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

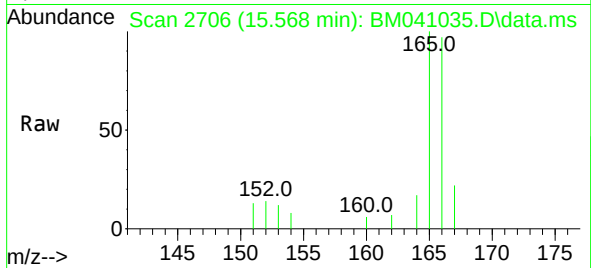
Tgt Ion:153 Resp: 1617
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.6
154 86.3 68.2 102.2





#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.568 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

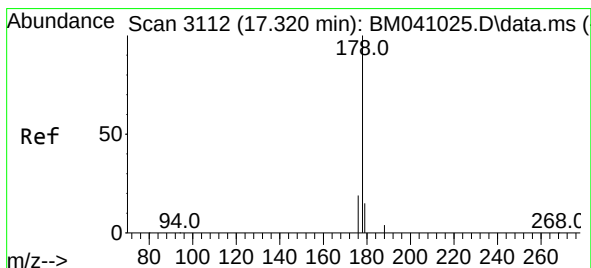
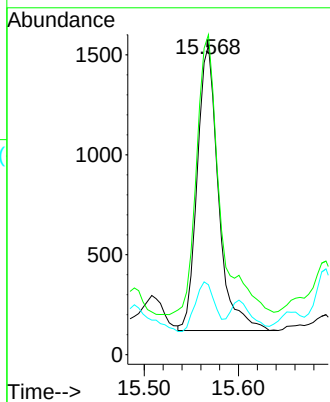
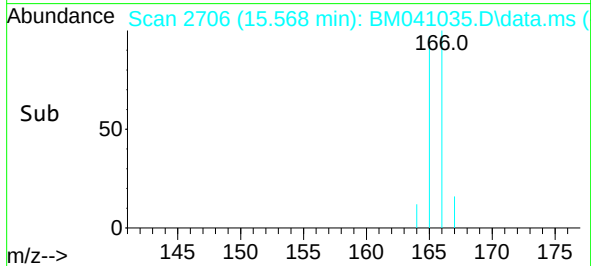
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



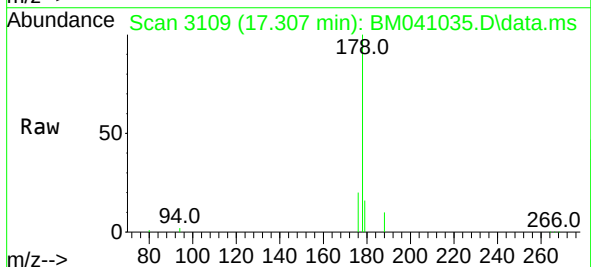
Tgt Ion:166 Resp: 223
Ion Ratio Lower Upper
166 100
165 103.4 80.3 120.5
167 22.6 11.7 17.5

Manual Integrations
APPROVED

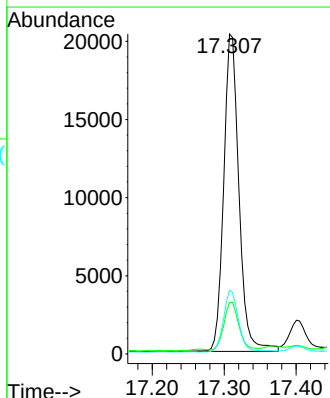
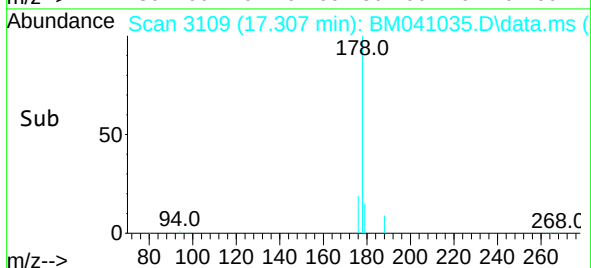
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

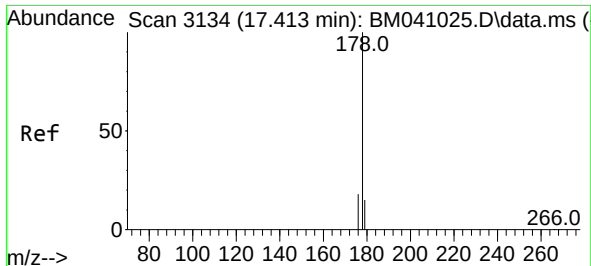


#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.307 min Scan# 3109
Delta R.T. -0.009 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17



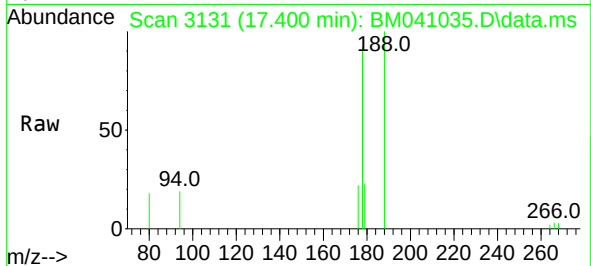
Tgt Ion:178 Resp: 29865
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.9 16.2 24.4





#16
 Anthracene
 Concen: 0.031 ng/u1
 RT: 17.400 min Scan# 3131
 Delta R.T. -0.013 min
 Lab File: BM041035.D
 Acq: 22 Jul 2023 02:17

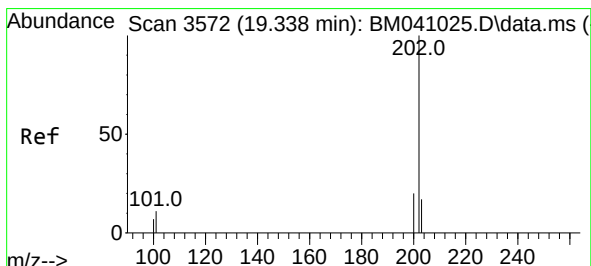
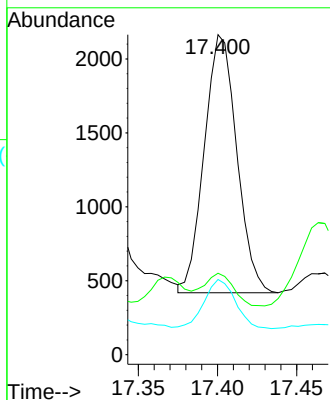
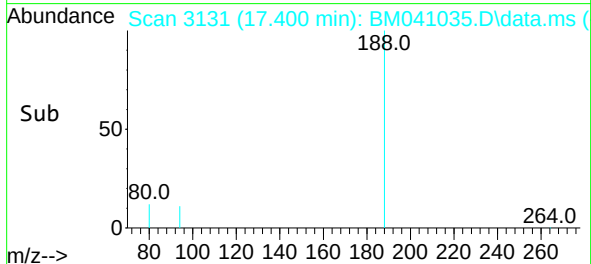
Instrument :
 BNA_M
 ClientSampleId :
 A46Y2DL



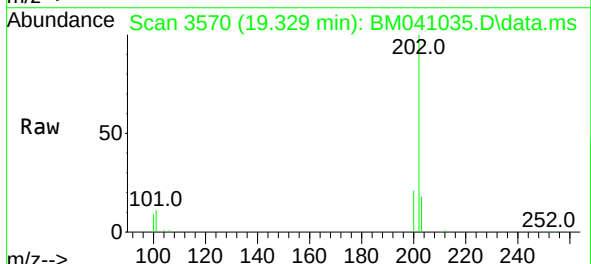
Tgt Ion:178 Resp: 2489
 Ion Ratio Lower Upper
 178 100
 179 25.5 13.7 20.5
 176 23.5 16.4 24.6

Manual Integrations
 APPROVED

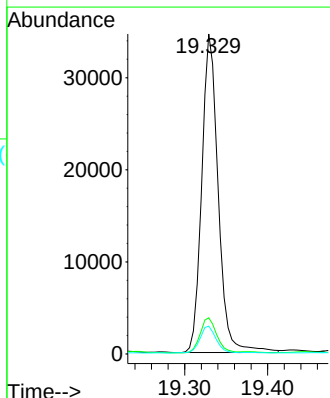
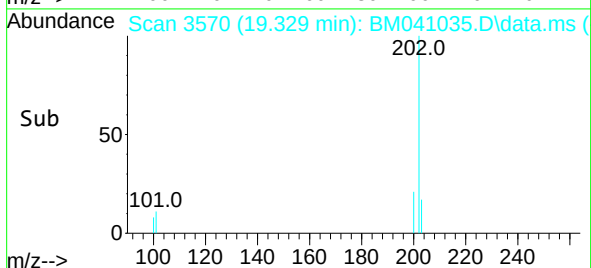
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

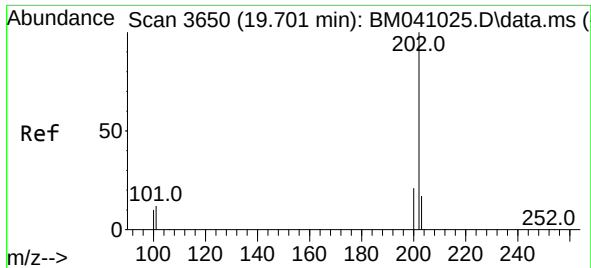


#19
 Fluoranthene
 Concen: 0.654 ng/u1
 RT: 19.329 min Scan# 3570
 Delta R.T. -0.009 min
 Lab File: BM041035.D
 Acq: 22 Jul 2023 02:17



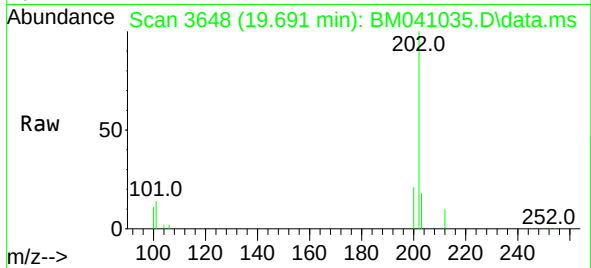
Tgt Ion:202 Resp: 47867
 Ion Ratio Lower Upper
 202 100
 101 11.3 11.0 16.4
 100 8.7 8.3 12.5





#20
Pyrene
Concen: 0.609 ng/ul
RT: 19.691 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

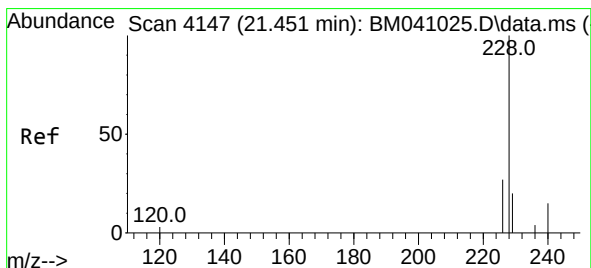
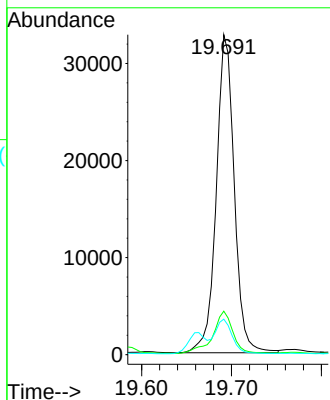
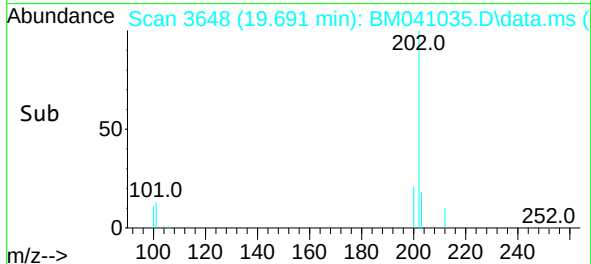
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



Tgt Ion:202 Resp: 45524
Ion Ratio Lower Upper
202 100
101 13.6 12.5 18.7
100 11.1 10.0 15.0

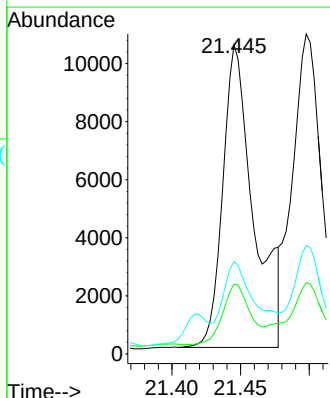
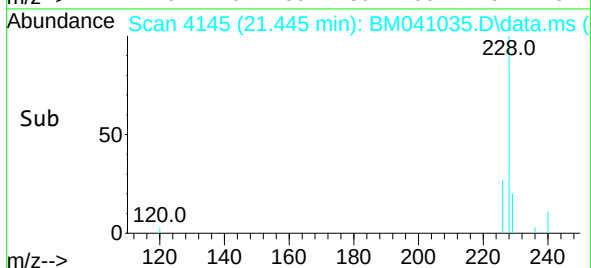
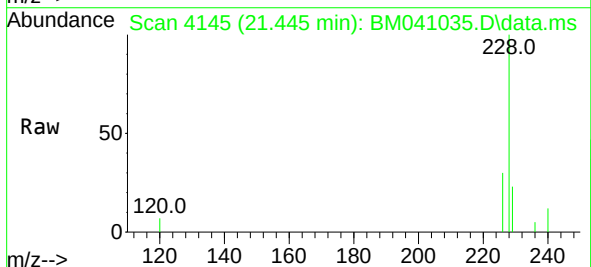
Manual Integrations
APPROVED

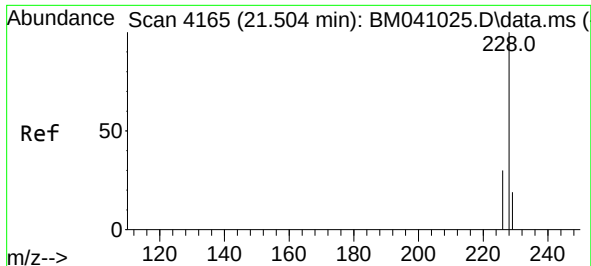
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

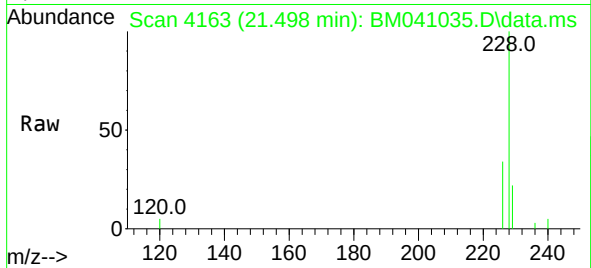
Tgt Ion:228 Resp: 16283
Ion Ratio Lower Upper
228 100
229 22.5 16.2 24.4
226 29.8 22.3 33.5





#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

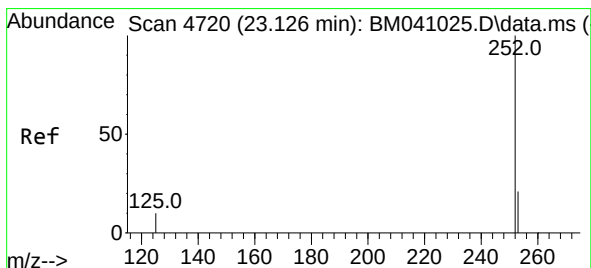
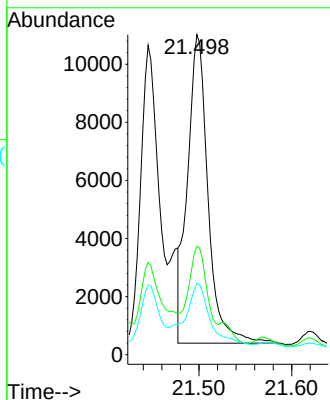
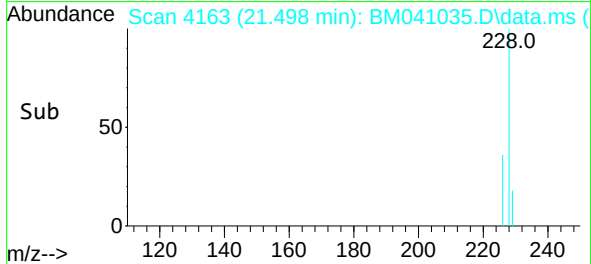
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



Tgt Ion:228 Resp: 16274
Ion Ratio Lower Upper
228 100
226 33.9 24.6 37.0
229 22.3 16.1 24.1

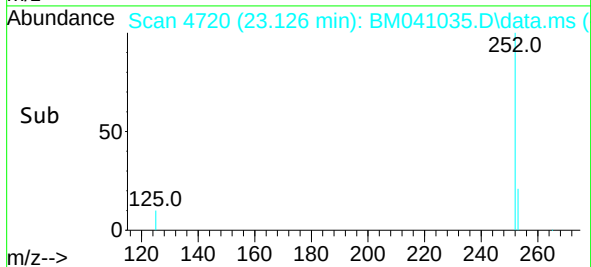
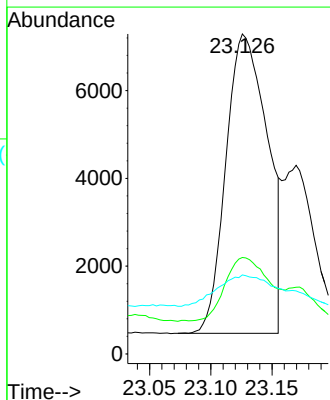
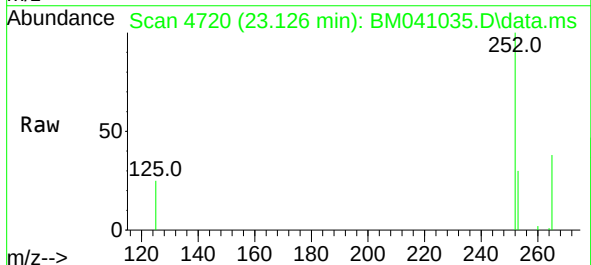
Manual Integrations
APPROVED

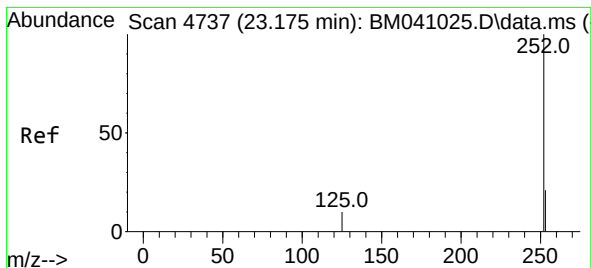
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.003 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

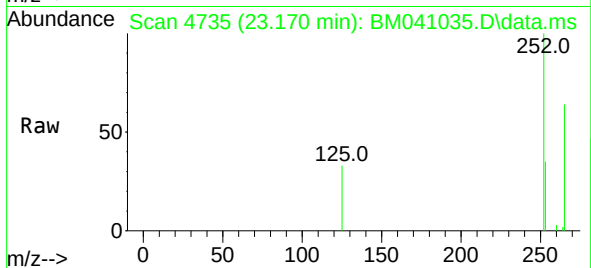
Tgt Ion:252 Resp: 16039
Ion Ratio Lower Upper
252 100
253 30.2 0.0 57.4
125 24.7 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul m
RT: 23.170 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

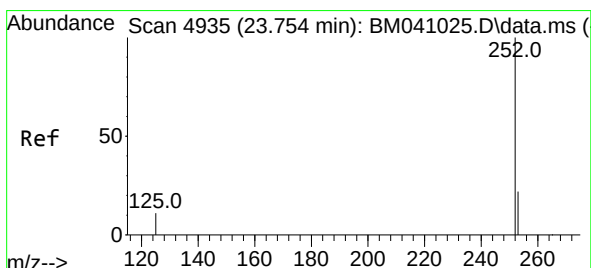
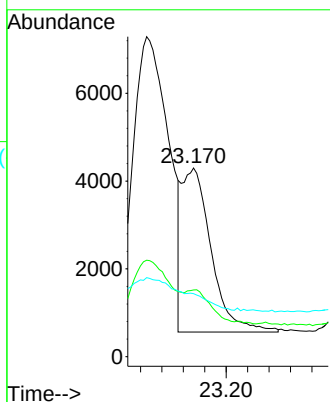
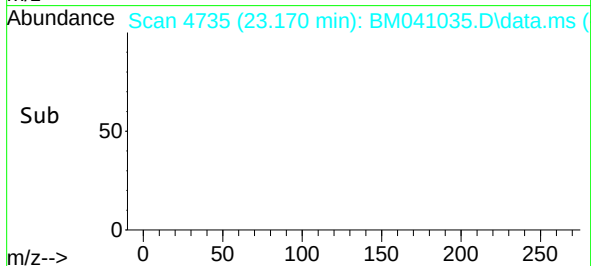
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



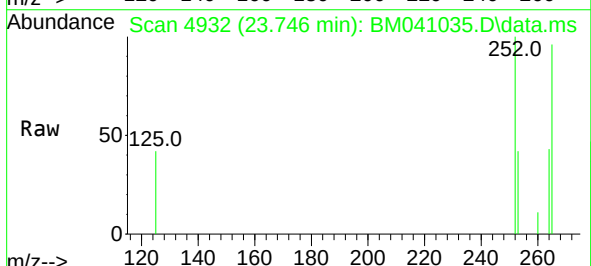
Tgt Ion:252 Resp: 7154
Ion Ratio Lower Upper
252 100
253 35.4 23.3 34.9
125 33.4 18.2 27.2

Manual Integrations
APPROVED

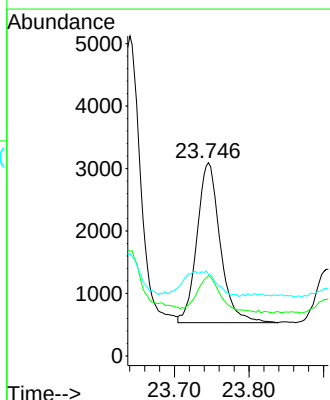
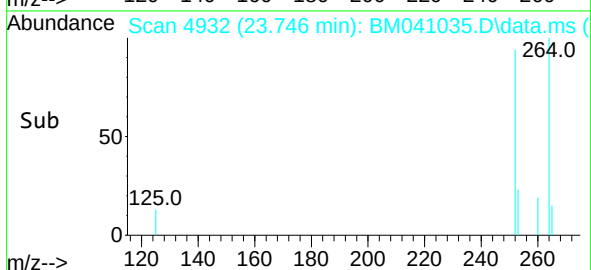
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

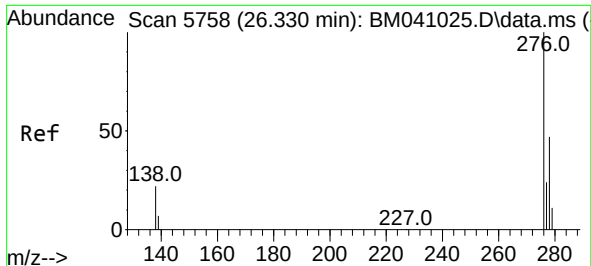


#26
Benzo(a)pyrene
Concen: 0.148 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.012 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17



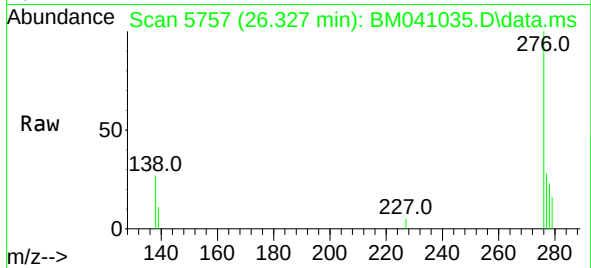
Tgt Ion:252 Resp: 5553
Ion Ratio Lower Upper
252 100
253 41.7 28.2 42.2
125 42.3 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 26.327 min Scan# 5758
Delta R.T. -0.010 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17

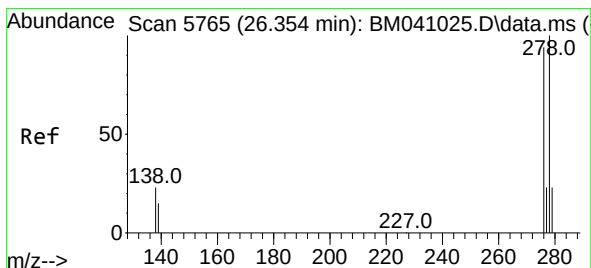
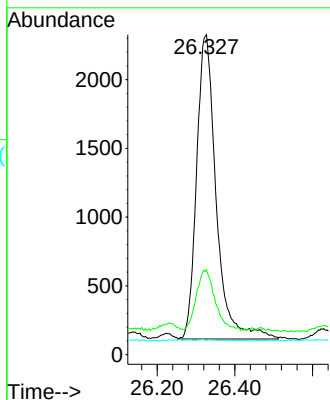
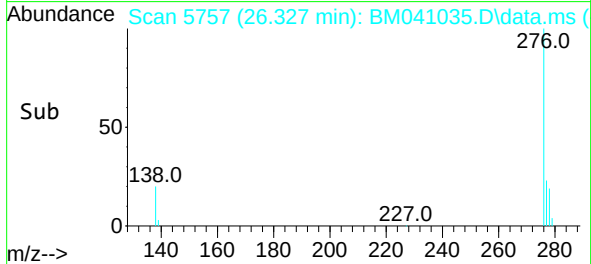
Instrument :
BNA_M
ClientSampleId :
A46Y2DL



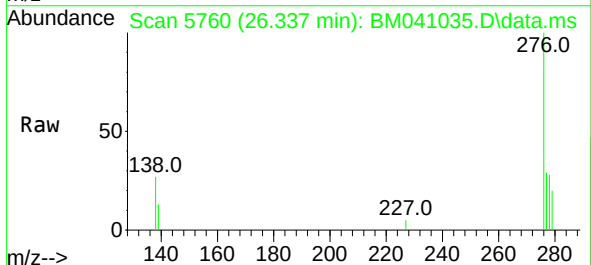
Tgt Ion:276 Resp: 7738
Ion Ratio Lower Upper
276 100
138 18.9 22.3 33.5#
227 0.3 0.0 0.0#

Manual Integrations
APPROVED

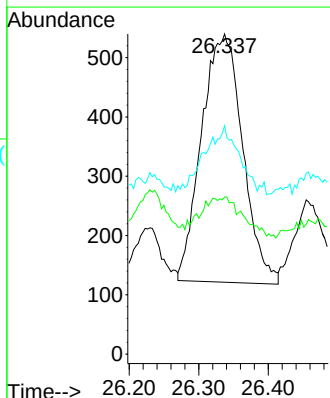
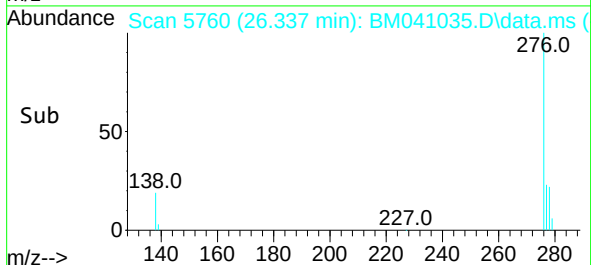
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

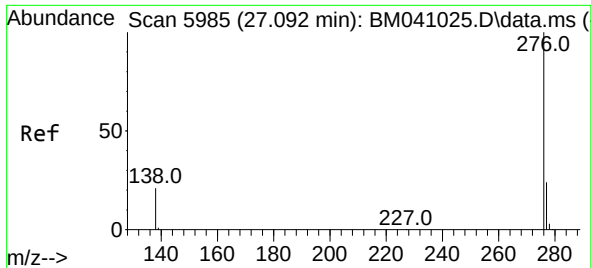


#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.017 min
Lab File: BM041035.D
Acq: 22 Jul 2023 02:17



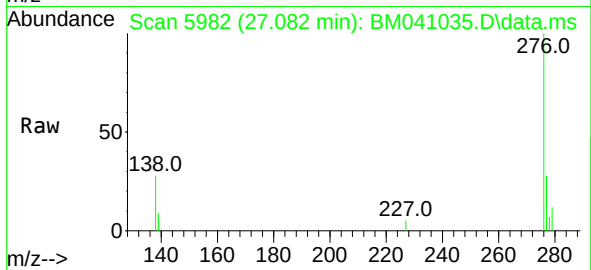
Tgt Ion:278 Resp: 1720
Ion Ratio Lower Upper
278 100
139 49.1 19.2 28.8#
279 71.3 27.0 40.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.172 ng/ul
 RT: 27.082 min Scan# 5982
 Delta R.T. -0.010 min
 Lab File: BM041035.D
 Acq: 22 Jul 2023 02:17

Instrument :
 BNA_M
 ClientSampleId :
 A46Y2DL



Tgt Ion:276 Resp: 7894
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.6 34.0
 277 27.8 21.2 31.8

Manual Integrations
 APPROVED

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

