

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041037.D
 Acq On : 22 Jul 2023 03:31
 Operator : MA/JU
 Sample : 03444-05RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R6RE

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 04:03:39 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	3870	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.664	136	13845	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.514	164	8227	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	16393	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.463	240	12442	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	15145	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	42599	6.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	12463	0.676	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	25921	0.495	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.236	152	1266	0.037	ng/ul#	83
15) Phenanthrene	17.308	178	8431	0.172	ng/ul	99
16) Anthracene	17.401	178	1705	0.045	ng/ul#	85
19) Fluoranthene	19.329	202	16841	0.262	ng/ul	97
20) Pyrene	19.692	202	14459m	0.220	ng/ul	
21) Benzo(a)anthracene	21.448	228	7406	0.195	ng/ul	95
22) Chrysene	21.501	228	7266	0.168	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	10443	0.180	ng/ul	91
25) Benzo(k)fluoranthene	23.170	252	4485m	0.081	ng/ul	
26) Benzo(a)pyrene	23.743	252	6734	0.134	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.324	276	6147	0.092	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.327	278	1329	0.026	ng/ul#	24
29) Benzo(g,h,i)perylene	27.085	276	6495	0.105	ng/ul	97

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

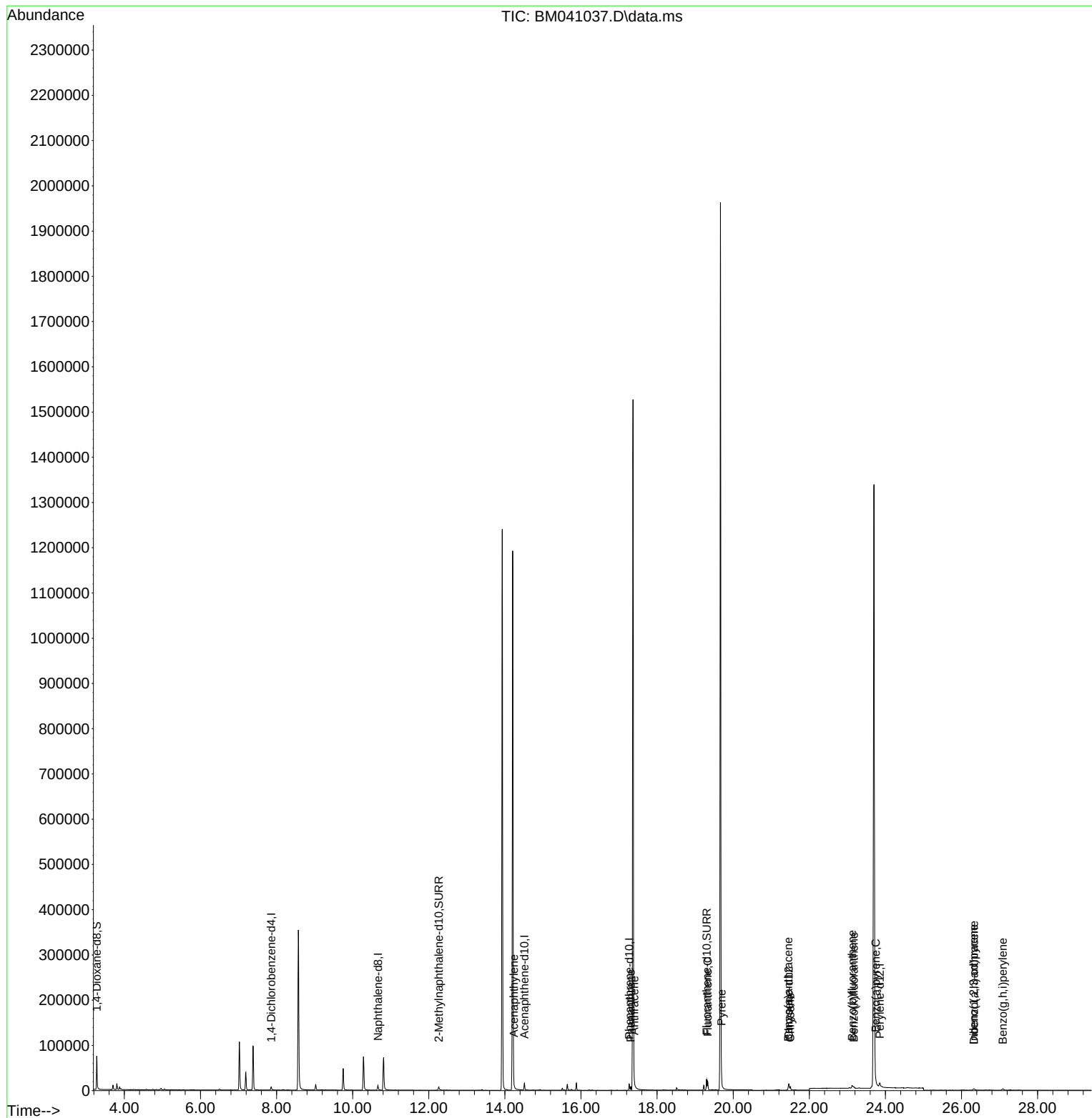
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041037.D
Acq On : 22 Jul 2023 03:31
Operator : MA/JU
Sample : 03444-05RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

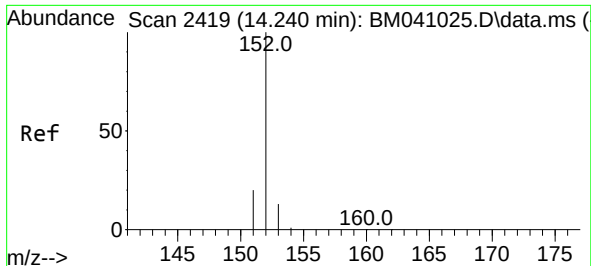
Instrument :
BNA_M
ClientSampleId :
A46R6RE

Manual Integrations
APPROVED

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

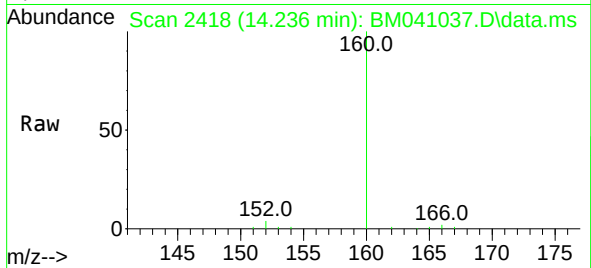
Quant Time: Jul 22 04:03:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.236 min Scan# 2419
Delta R.T. -0.004 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

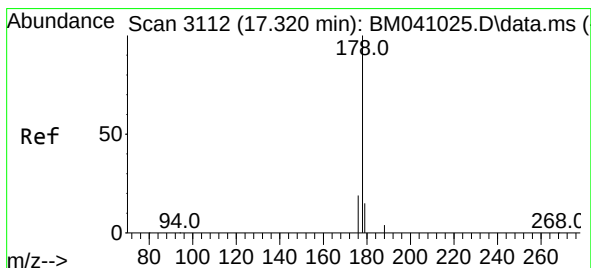
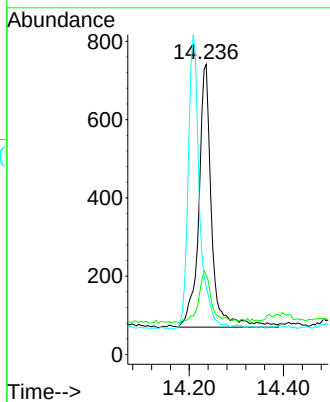
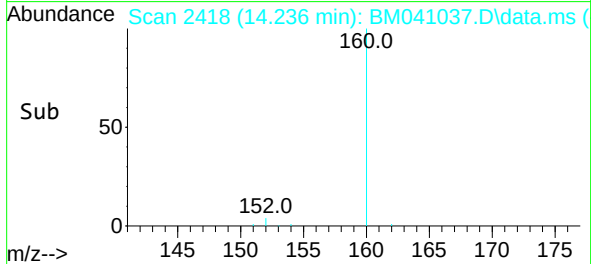
Instrument :
BNA_M
ClientSampleId :
A46R6RE



Tgt Ion:152 Resp: 1260
Ion Ratio Lower Upper
152 100
151 27.5 16.8 25.2
153 23.3 11.6 17.4

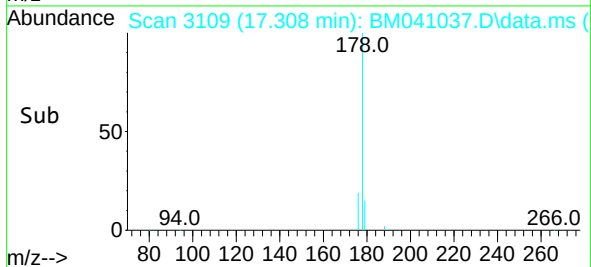
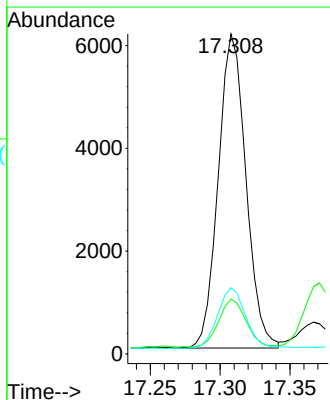
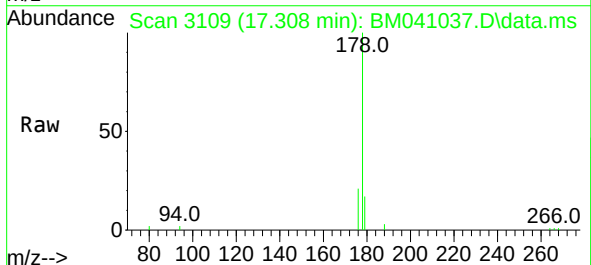
Manual Integrations
APPROVED

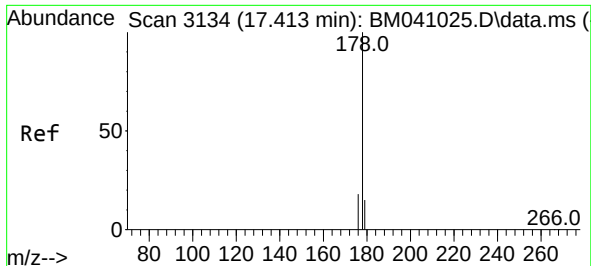
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#15
Phenanthrene
Concen: 0.172 ng/ul
RT: 17.308 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

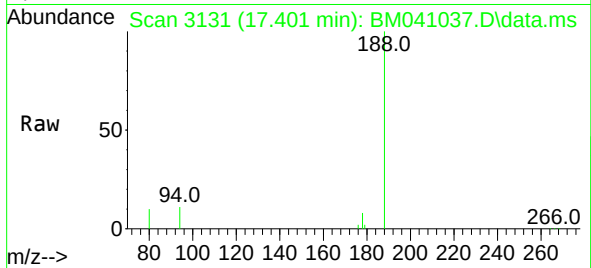
Tgt Ion:178 Resp: 8431
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 20.7 16.2 24.4





#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.401 min Scan# 3134
 Delta R.T. -0.013 min
 Lab File: BM041037.D
 Acq: 22 Jul 2023 03:31

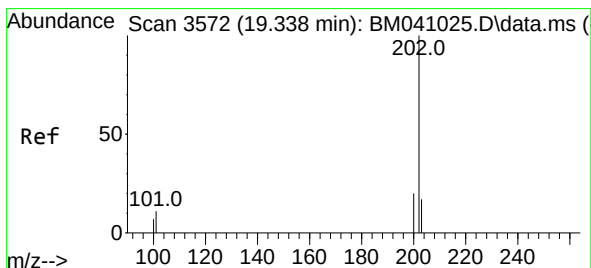
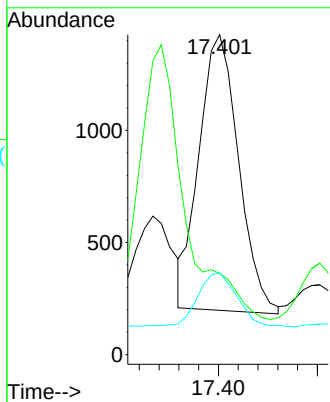
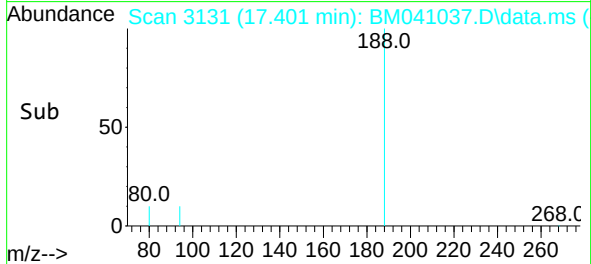
Instrument :
 BNA_M
 ClientSampleId :
 A46R6RE



Tgt Ion:178 Resp: 1709
 Ion Ratio Lower Upper
 178 100
 179 25.4 13.7 20.5
 176 25.6 16.4 24.6

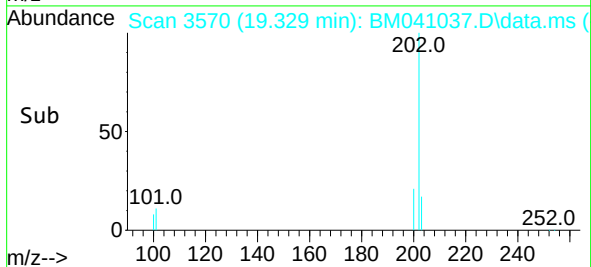
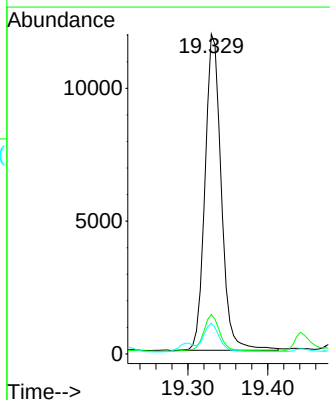
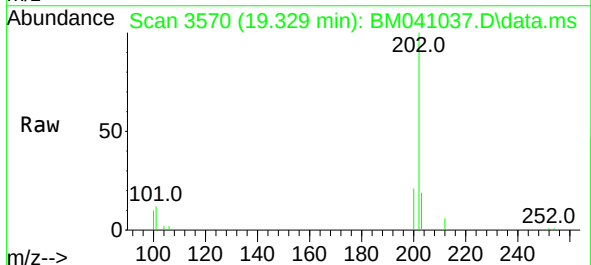
Manual Integrations
 APPROVED

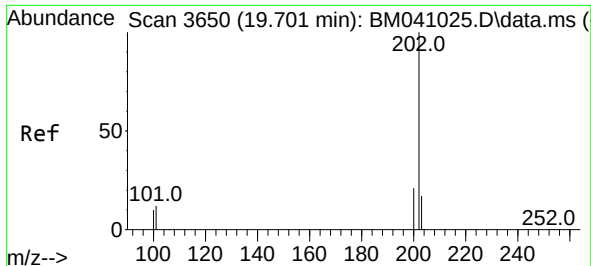
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 0.262 ng/ul
 RT: 19.329 min Scan# 3570
 Delta R.T. -0.009 min
 Lab File: BM041037.D
 Acq: 22 Jul 2023 03:31

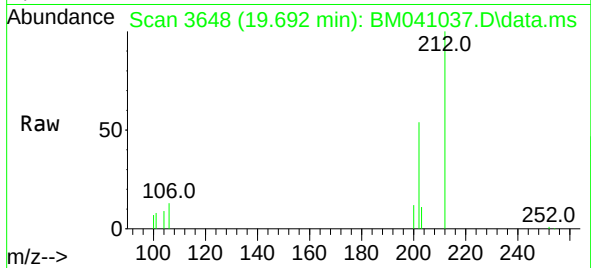
Tgt Ion:202 Resp: 16841
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.0 16.4
 100 9.6 8.3 12.5





#20
Pyrene
Concen: 0.220 ng/ul m
RT: 19.692 min Scan# 3648
Delta R.T. -0.009 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

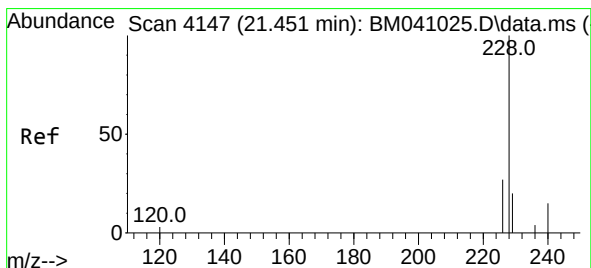
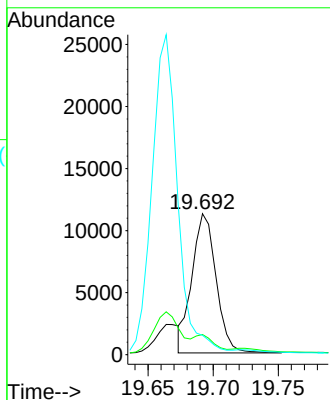
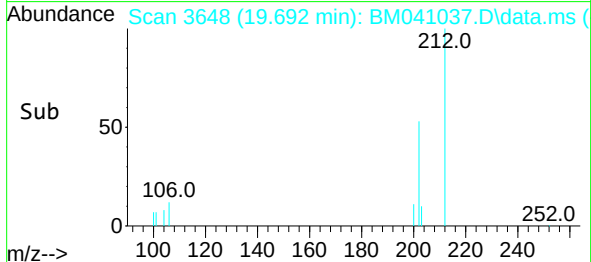
Instrument :
BNA_M
ClientSampleId :
A46R6RE



Tgt Ion:202 Resp: 1445
Ion Ratio Lower Upper
202 100
101 14.3 12.5 18.7
100 13.7 10.0 15.0

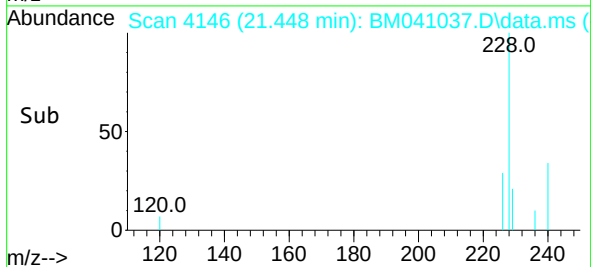
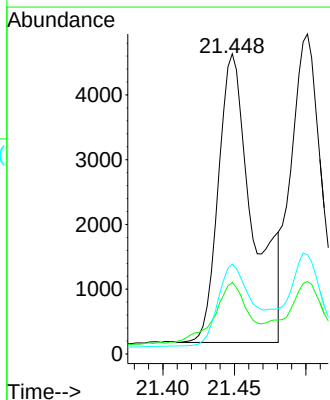
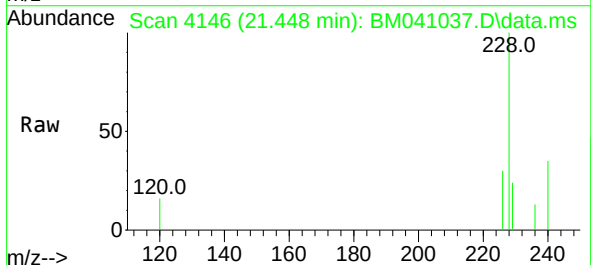
Manual Integrations
APPROVED

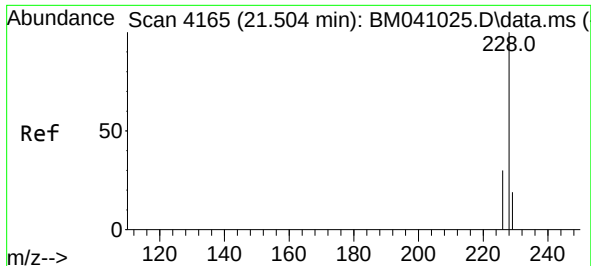
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#21
Benzo(a)anthracene
Concen: 0.195 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

Tgt Ion:228 Resp: 7406
Ion Ratio Lower Upper
228 100
229 23.8 16.2 24.4
226 30.0 22.3 33.5





#22

Chrysene

Concen: 0.168 ng/ul

RT: 21.501 min Scan# 4165

Delta R.T. -0.003 min

Lab File: BM041037.D

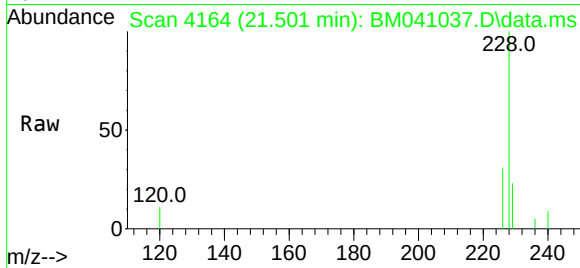
Acq: 22 Jul 2023 03:31

Instrument :

BNA_M

ClientSampleId :

A46R6RE



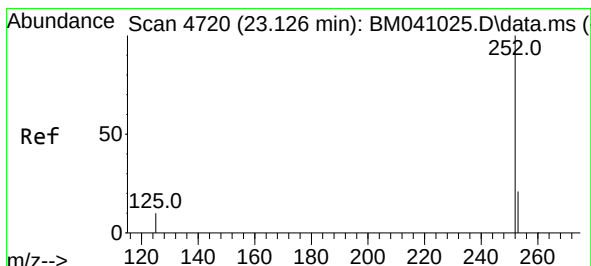
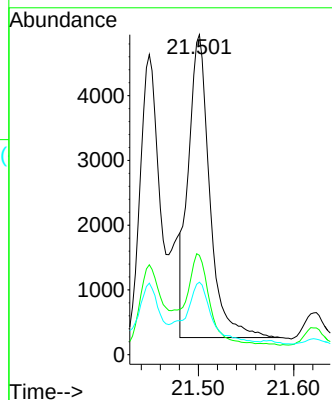
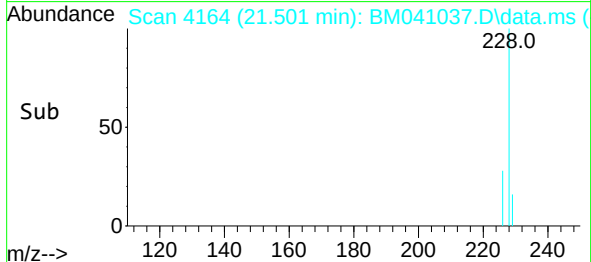
Tgt Ion:	228	Resp:	7260
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	22.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#24

Benzo(b)fluoranthene

Concen: 0.180 ng/ul

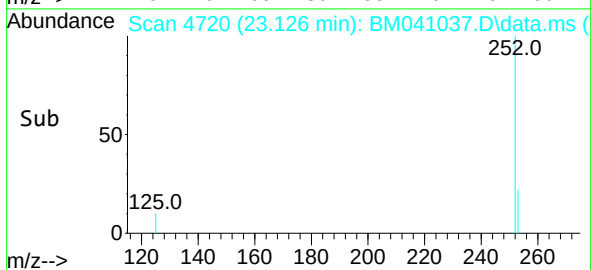
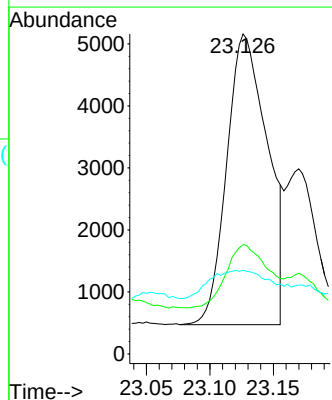
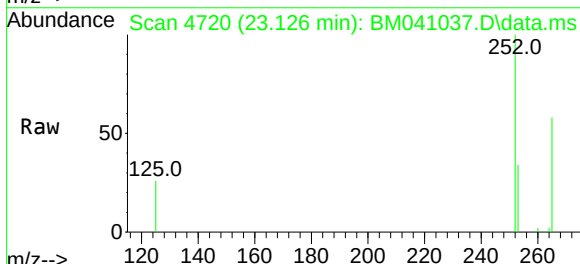
RT: 23.126 min Scan# 4720

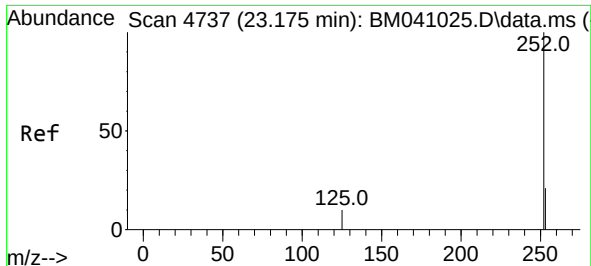
Delta R.T. -0.003 min

Lab File: BM041037.D

Acq: 22 Jul 2023 03:31

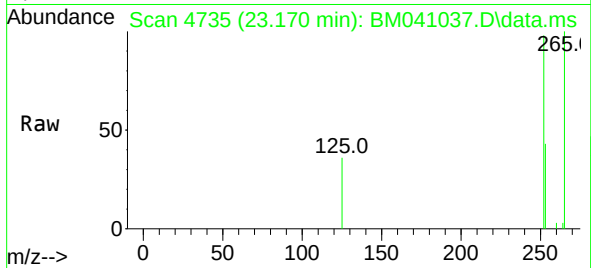
Tgt Ion:	252	Resp:	10443
Ion Ratio	Lower	Upper	
252	100		
253	34.2	0.0	57.4
125	26.2	0.0	45.2





#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.170 min Scan# 4737
Delta R.T. -0.009 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

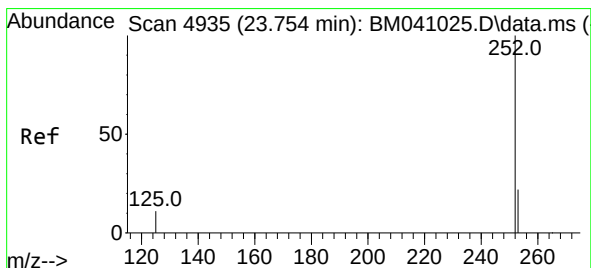
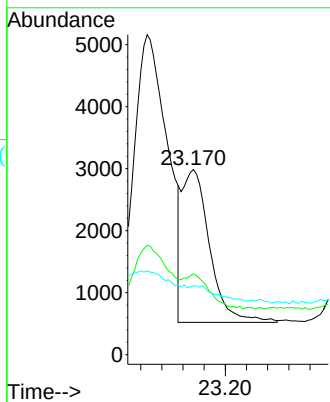
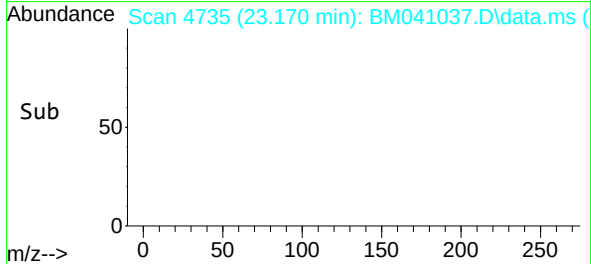
Instrument :
BNA_M
ClientSampleId :
A46R6RE



Tgt Ion:252 Resp: 448
Ion Ratio Lower Upper
252 100
253 43.7 23.3 34.9
125 37.2 18.2 27.2

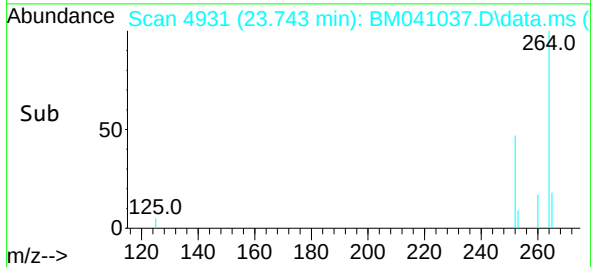
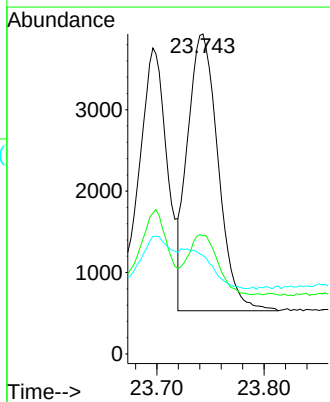
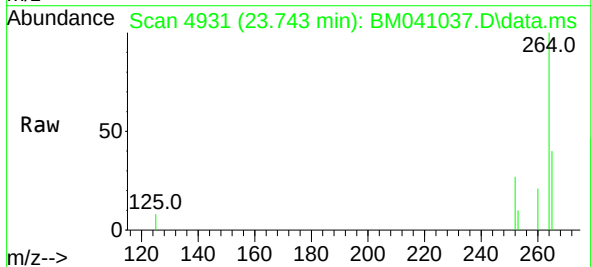
Manual Integrations
APPROVED

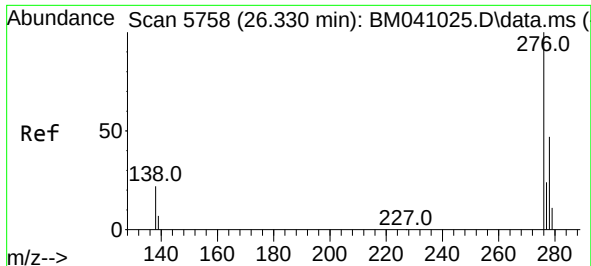
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#26
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.743 min Scan# 4931
Delta R.T. -0.014 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

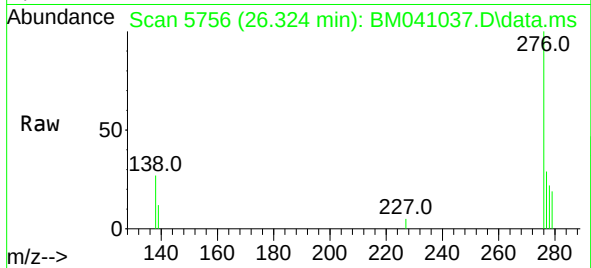
Tgt Ion:252 Resp: 6734
Ion Ratio Lower Upper
252 100
253 37.0 28.2 42.2
125 30.7 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 26.324 min Scan# 5758
Delta R.T. -0.013 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

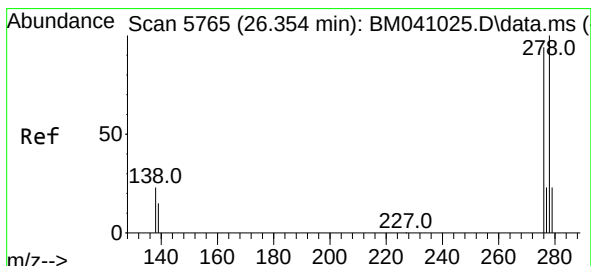
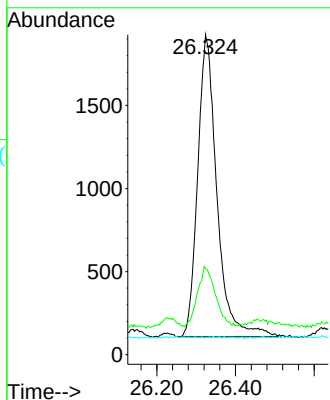
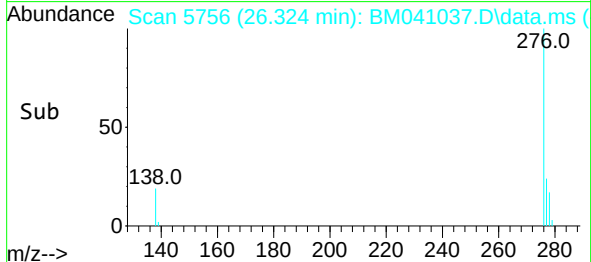
Instrument :
BNA_M
ClientSampleId :
A46R6RE



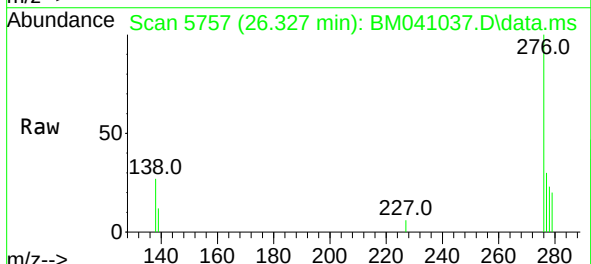
Tgt Ion:276 Resp: 614
Ion Ratio Lower Upper
276 100
138 18.5 22.3 33.5#
227 0.0 0.0 0.0#

Manual Integrations
APPROVED

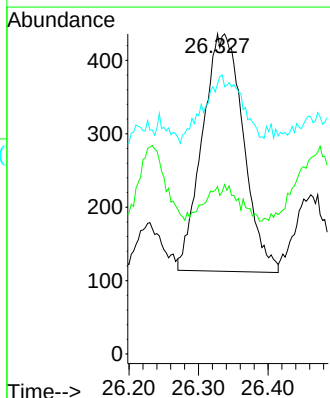
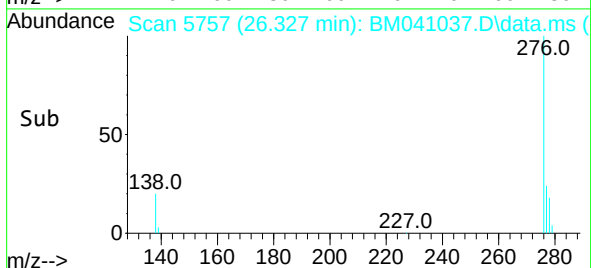
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

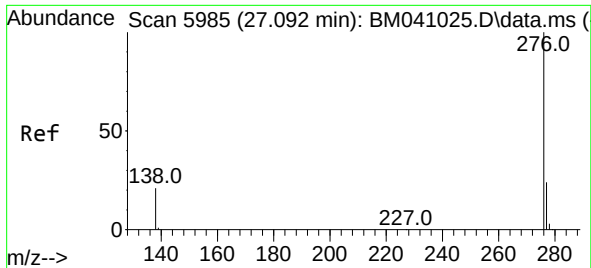


#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.027 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31



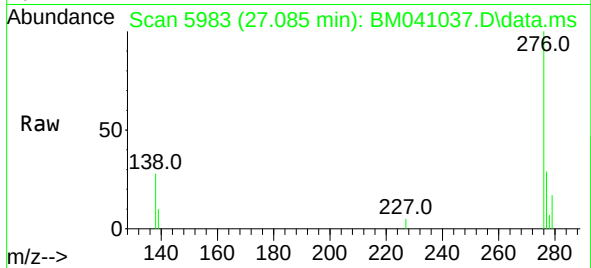
Tgt Ion:278 Resp: 1329
Ion Ratio Lower Upper
278 100
139 52.3 19.2 28.8#
279 84.4 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.085 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BM041037.D
Acq: 22 Jul 2023 03:31

Instrument :
BNA_M
ClientSampleId :
A46R6RE



Tgt Ion: 276 Resp: 6495
Ion Ratio Lower Upper
276 100
138 28.3 22.6 34.0
277 29.2 21.2 31.8

Manual Integrations
APPROVED

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

