

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040855.D
 Acq On : 13 Jul 2023 18:36
 Operator : MA/JU
 Sample : 03418-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:17:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	18773	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.514	164	8626	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	16398	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	10737	0.400	ng/ul	# 0.00
23) Perylene-d12	23.836	264	8380	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4146	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	977	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1848	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.719	128	18855	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	1063	0.035	ng/ul	99
11) Acenaphthene	14.574	153	714	0.022	ng/ul	95
15) Phenanthrene	17.303	178	16044	0.315	ng/ul	100
16) Anthracene	17.396	178	1224	0.029	ng/ul#	80
19) Fluoranthene	19.325	202	30066	0.659	ng/ul	97
20) Pyrene	19.687	202	24862	0.508	ng/ul	99
21) Benzo(a)anthracene	21.440	228	7980	0.220	ng/ul	97
22) Chrysene	21.492	228	12081	0.292	ng/ul	98
24) Benzo(b)fluoranthene	23.114	252	13902	0.429	ng/ul	93
25) Benzo(k)fluoranthene	23.158	252	5597m	0.175	ng/ul	
26) Benzo(a)pyrene	23.731	252	4087	0.140	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.297	276	5799	0.143	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.307	278	1386	0.044	ng/ul#	47
29) Benzo(g,h,i)perylene	27.055	276	5636	0.158	ng/ul	96

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

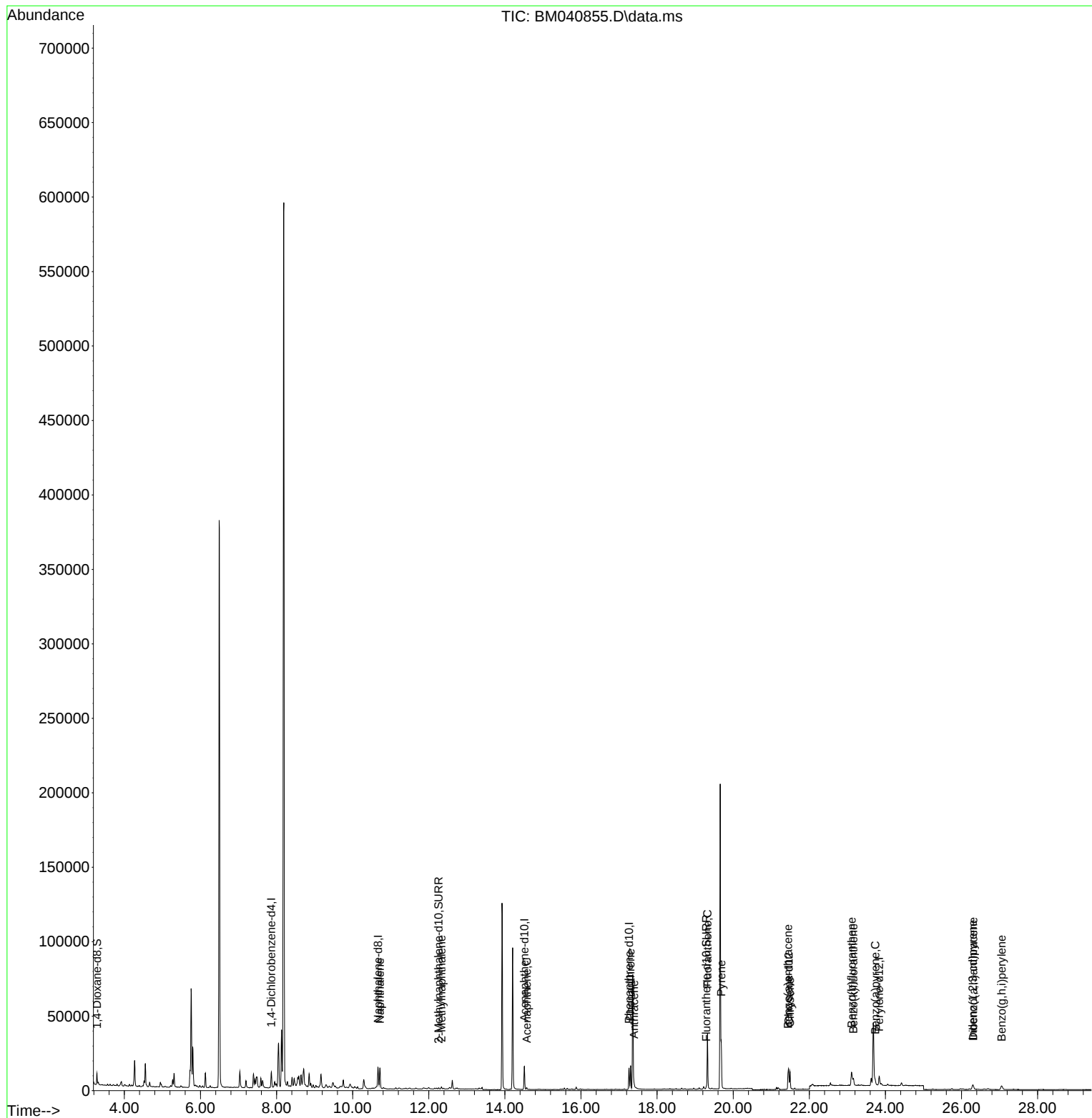
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040855.D
Acq On : 13 Jul 2023 18:36
Operator : MA/JU
Sample : 03418-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

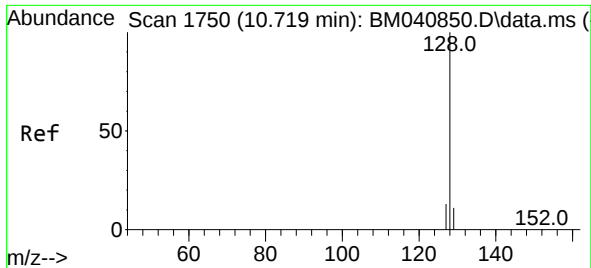
Instrument :
BNA_M
ClientSampleId :
A46J4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

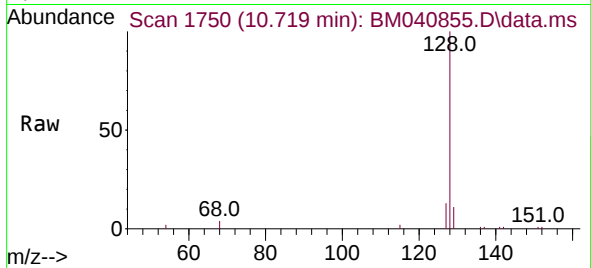
Quant Time: Jul 14 03:17:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

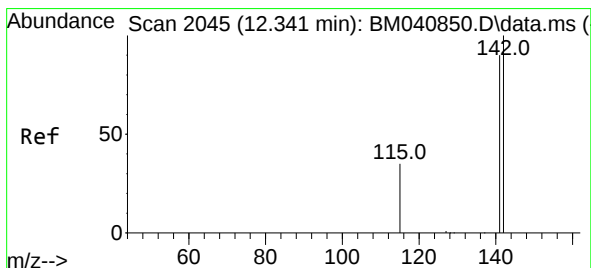
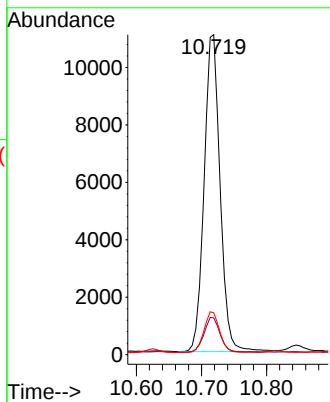
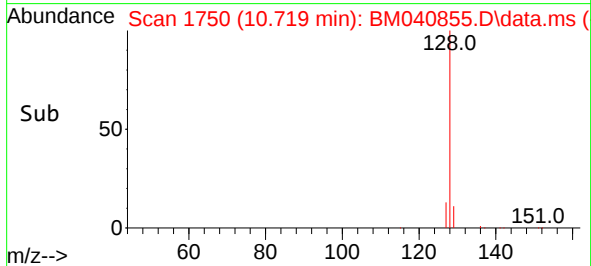
Instrument :
BNA_M
ClientSampleId :
A46J4



Tgt Ion:128 Resp: 1885
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.6 15.8

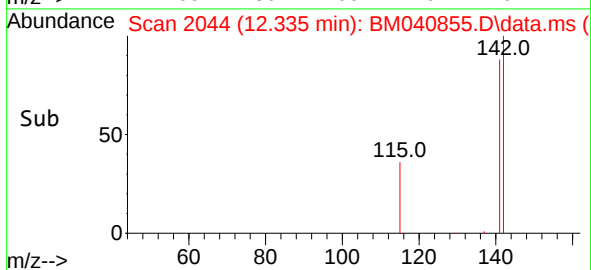
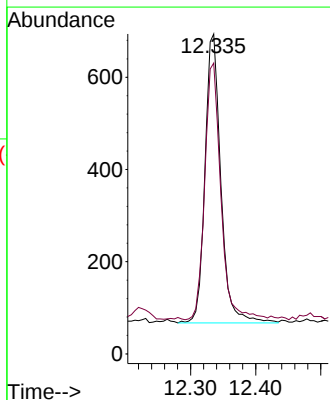
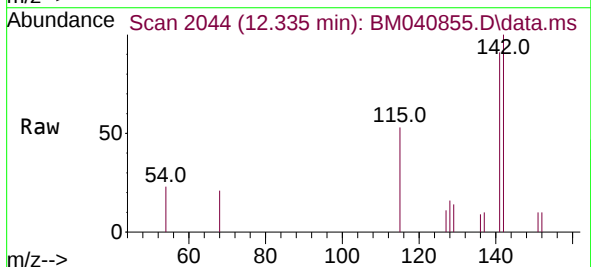
Manual Integrations
APPROVED

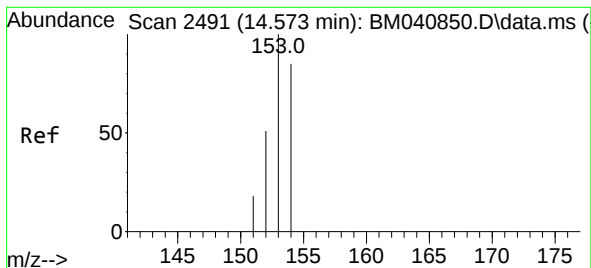
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

Tgt Ion:142 Resp: 1063
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.574 min Scan# 2491

Delta R.T. 0.000 min

Lab File: BM040855.D

Acq: 13 Jul 2023 18:36

Instrument :

BNA_M

ClientSampleId :

A46J4

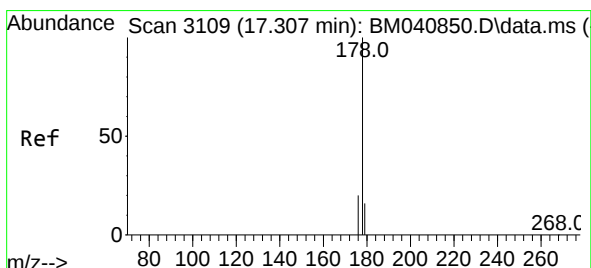
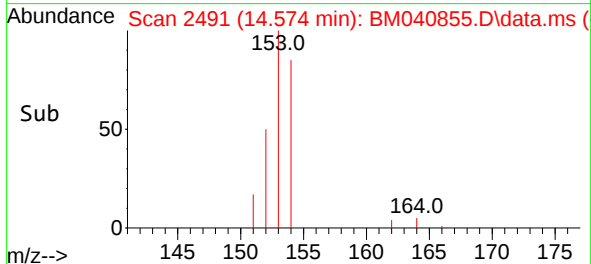
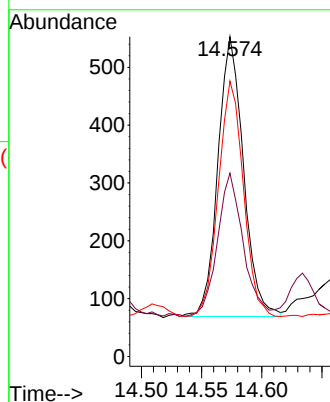
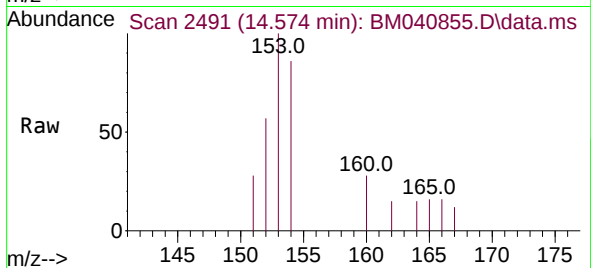
Tgt Ion:	153	Resp:	714
Ion Ratio	Lower	Upper	
153	100		
152	57.3	41.0	61.4
154	86.1	70.8	106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2023

Supervised By :mohammad ahmed 07/17/2023



#15

Phenanthrene

Concen: 0.315 ng/ul

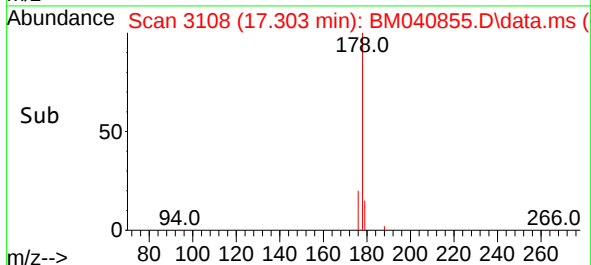
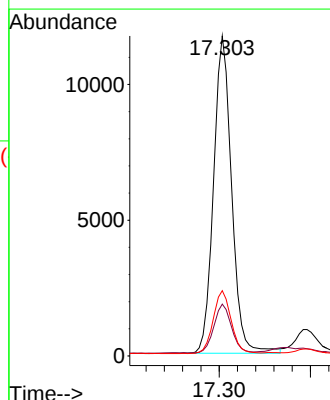
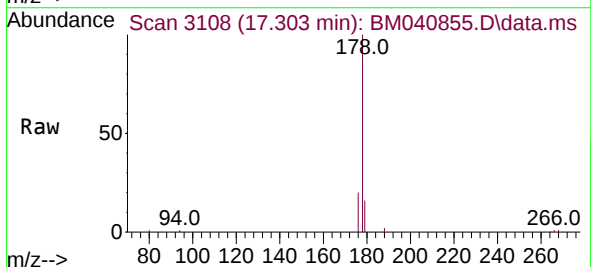
RT: 17.303 min Scan# 3108

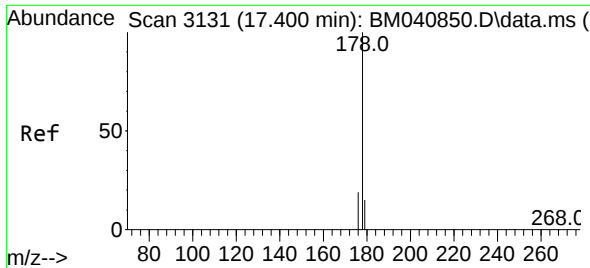
Delta R.T. -0.004 min

Lab File: BM040855.D

Acq: 13 Jul 2023 18:36

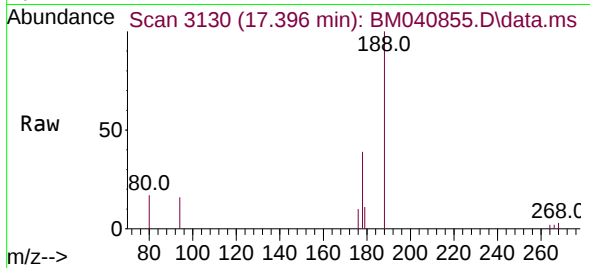
Tgt Ion:	178	Resp:	16044
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	20.4	16.4	24.6





#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.396 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BM040855.D
 Acq: 13 Jul 2023 18:36

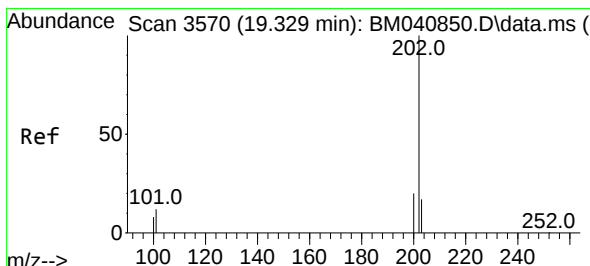
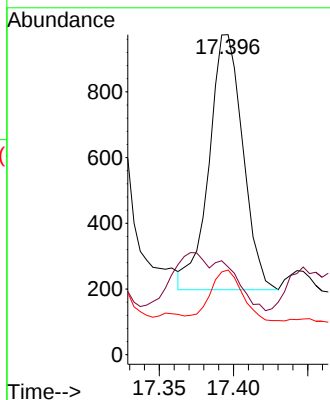
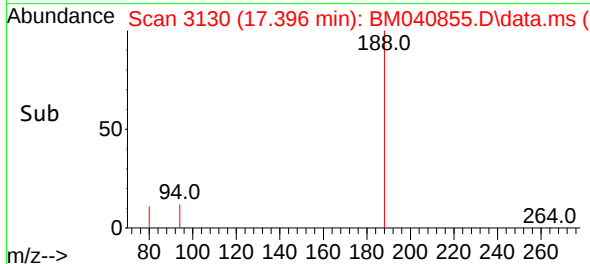
Instrument :
 BNA_M
 ClientSampleId :
 A46J4



Tgt Ion:178 Resp: 1224
 Ion Ratio Lower Upper
 178 100
 179 27.4 12.9 19.3
 176 26.5 15.8 23.6

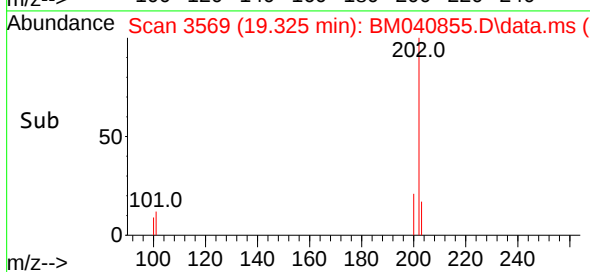
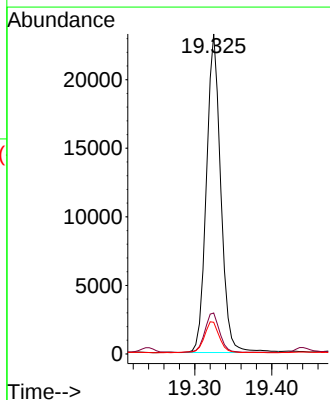
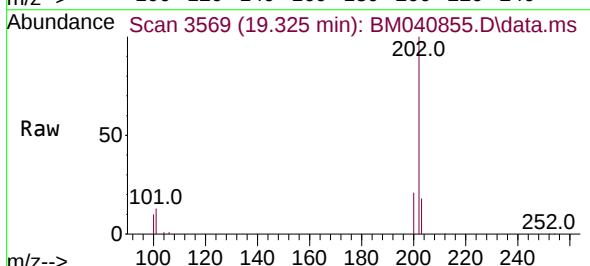
Manual Integrations
 APPROVED

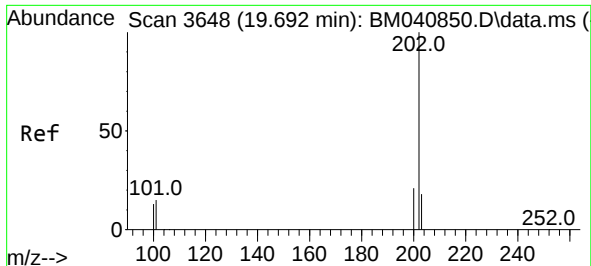
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.659 ng/ul
 RT: 19.325 min Scan# 3569
 Delta R.T. -0.004 min
 Lab File: BM040855.D
 Acq: 13 Jul 2023 18:36

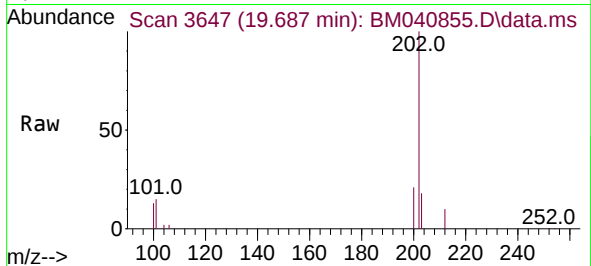
Tgt Ion:202 Resp: 30066
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 9.9 8.7 13.1





#20
Pyrene
Concen: 0.508 ng/u1
RT: 19.687 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

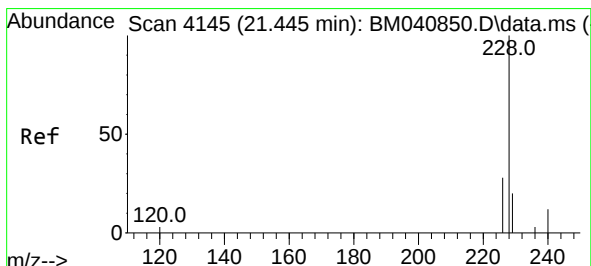
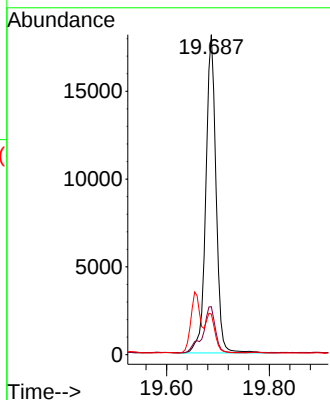
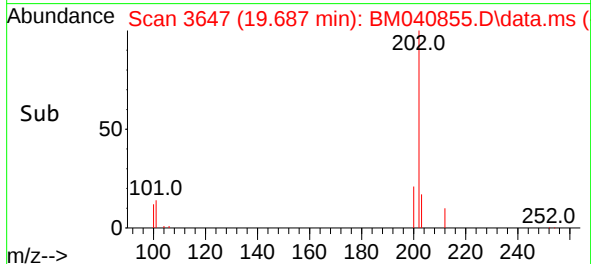
Instrument :
BNA_M
ClientSampleId :
A46J4



Tgt Ion:202 Resp: 2486
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.7 9.8 14.6

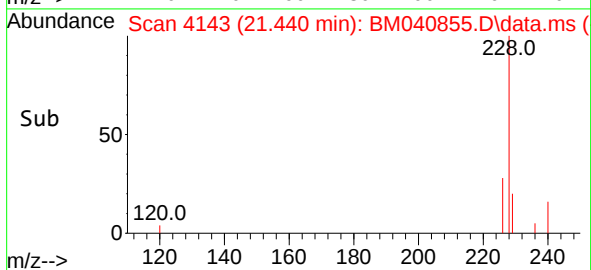
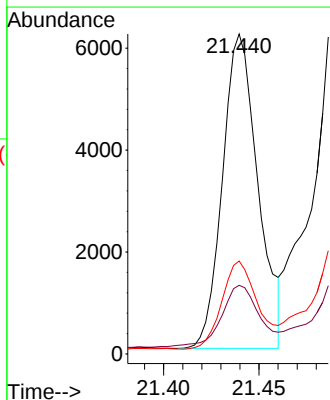
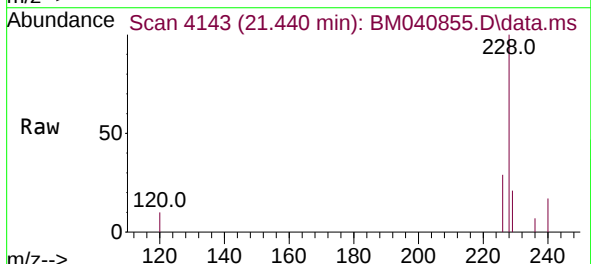
Manual Integrations
APPROVED

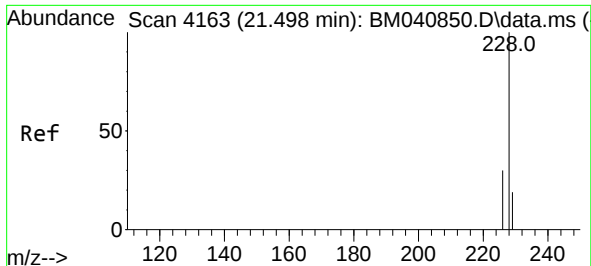
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.220 ng/u1
RT: 21.440 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

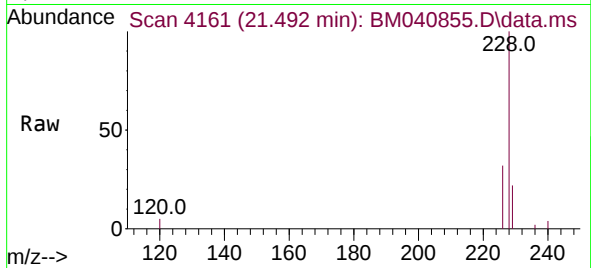
Tgt Ion:228 Resp: 7980
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 29.1 22.3 33.5





#22
Chrysene
Concen: 0.292 ng/uI
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

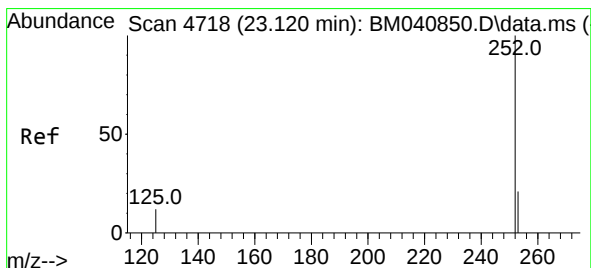
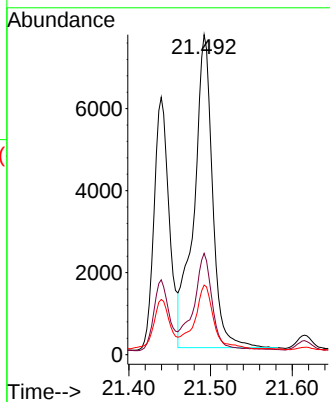
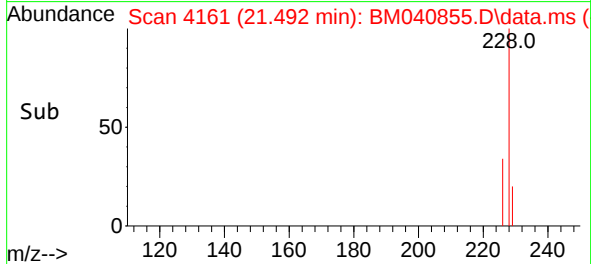
Instrument :
BNA_M
ClientSampleId :
A46J4



Tgt Ion:228 Resp: 1208
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 21.8 15.8 23.6

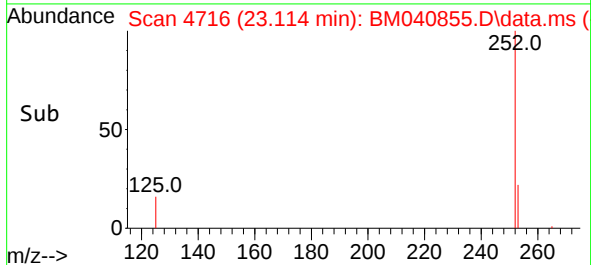
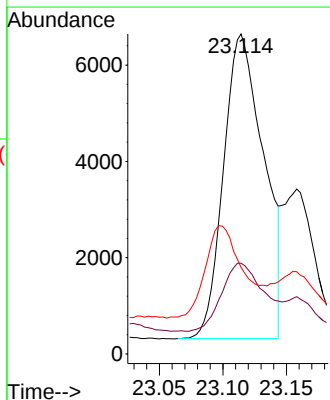
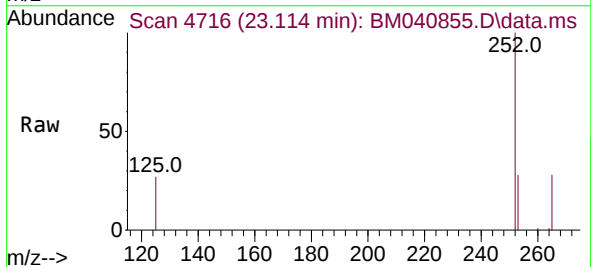
Manual Integrations
APPROVED

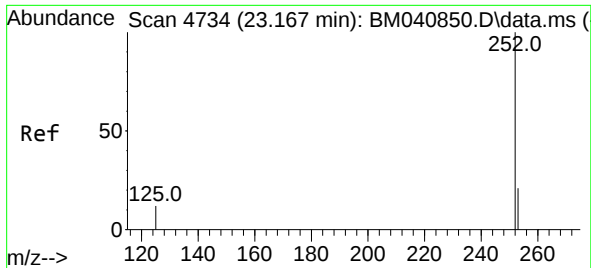
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#24
Benzo(b)fluoranthene
Concen: 0.429 ng/uI
RT: 23.114 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

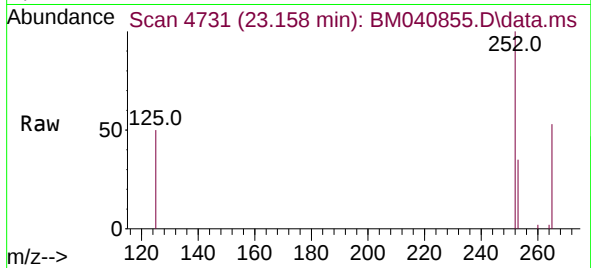
Tgt Ion:252 Resp: 13902
Ion Ratio Lower Upper
252 100
253 28.4 0.0 52.8
125 27.0 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 23.158 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

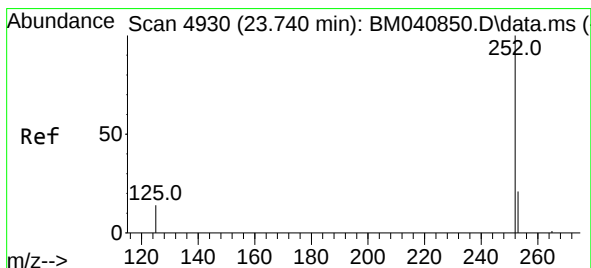
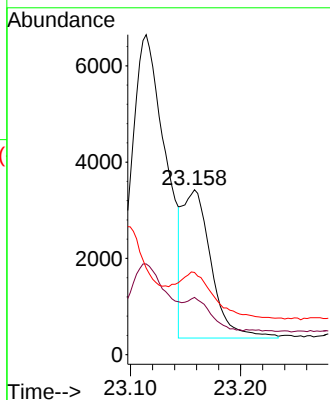
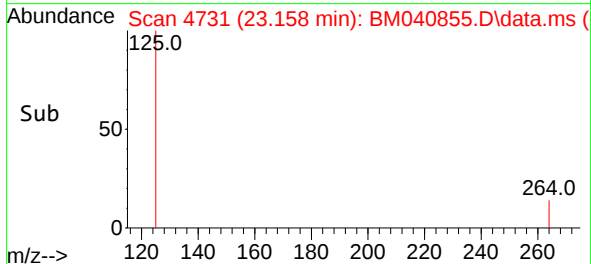
Instrument :
BNA_M
ClientSampleId :
A46J4



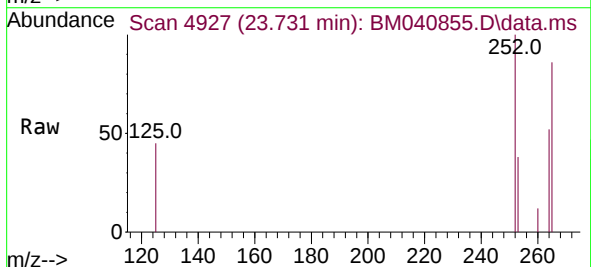
Tgt Ion:252 Resp: 559
Ion Ratio Lower Upper
252 100
253 34.7 21.2 31.8
125 49.9 16.4 24.6

Manual Integrations
APPROVED

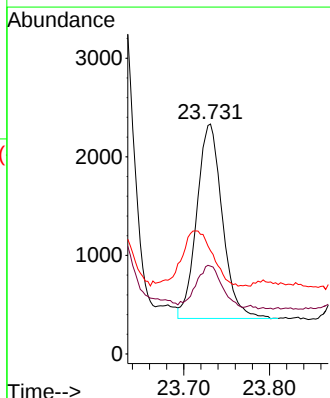
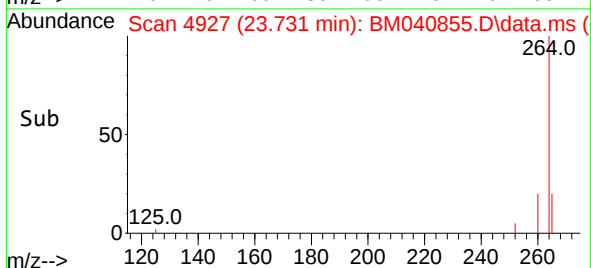
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

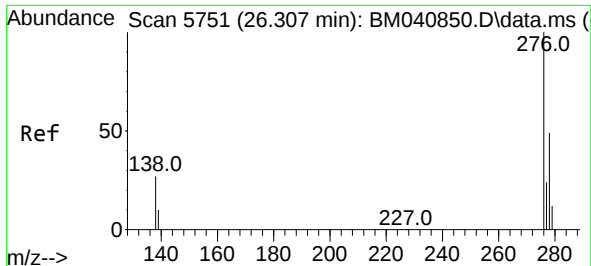


#26
Benzo(a)pyrene
Concen: 0.140 ng/ul
RT: 23.731 min Scan# 4927
Delta R.T. -0.009 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36



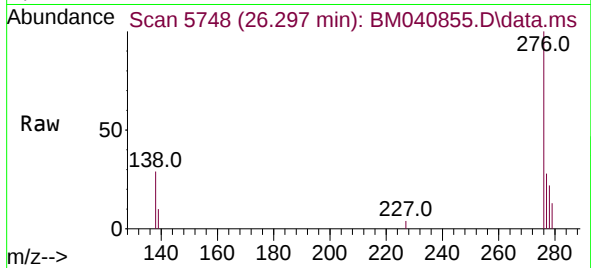
Tgt Ion:252 Resp: 4087
Ion Ratio Lower Upper
252 100
253 38.2 22.9 34.3#
125 44.9 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.010 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

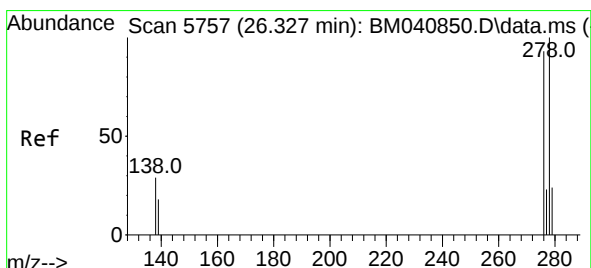
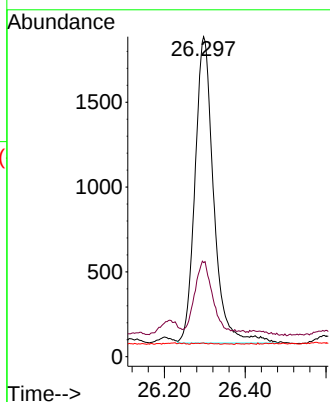
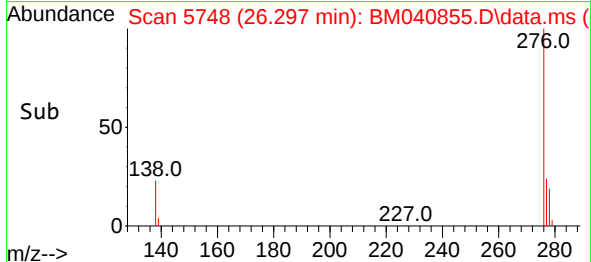
Instrument :
BNA_M
ClientSampleId :
A46J4



Tgt Ion: 276 Resp: 5799
Ion Ratio Lower Upper
276 100
138 24.2 24.5 36.7#
227 0.1 0.1 0.1

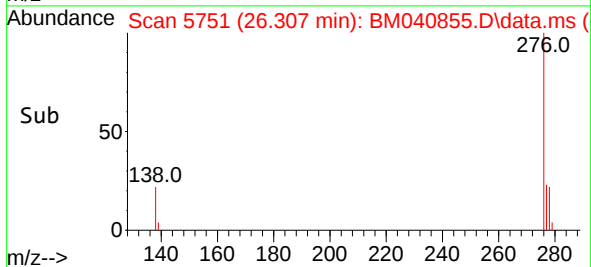
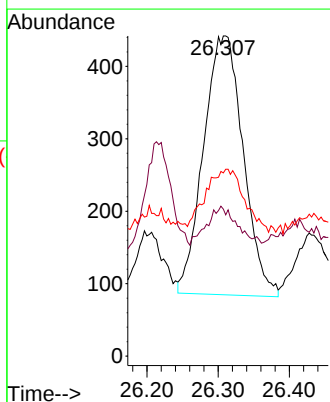
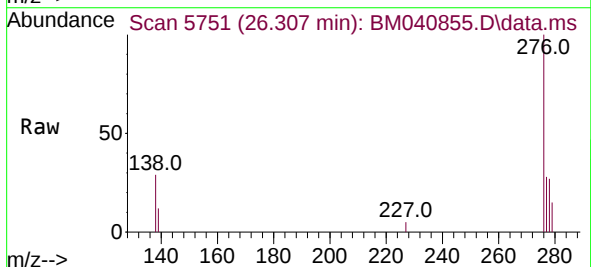
Manual Integrations
APPROVED

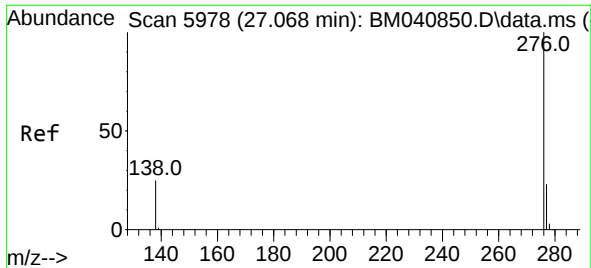
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.307 min Scan# 5751
Delta R.T. -0.020 min
Lab File: BM040855.D
Acq: 13 Jul 2023 18:36

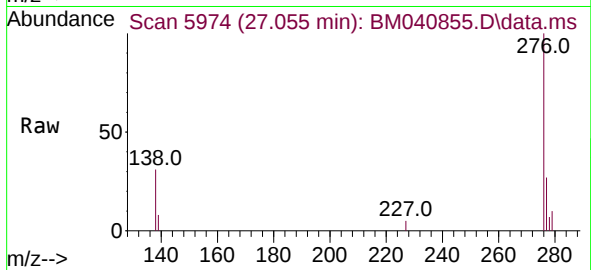
Tgt Ion: 278 Resp: 1386
Ion Ratio Lower Upper
278 100
139 45.9 17.9 26.9#
279 57.2 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 27.055 min Scan# 5974
 Delta R.T. -0.013 min
 Lab File: BM040855.D
 Acq: 13 Jul 2023 18:36

Instrument :
 BNA_M
 ClientSampleId :
 A46J4



Tgt Ion: 276 Resp: 5630
 Ion Ratio Lower Upper
 276 100
 138 30.8 23.0 34.6
 277 27.2 20.3 30.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

