

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040259.D
 Acq On : 15 Jun 2023 14:57
 Operator : MA/JU
 Sample : 03088-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 16 00:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	9219	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	32699	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	16039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	26912	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	17996	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	18465	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	20602	1.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	4731	0.114	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	6330	0.141	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.832	128	6121	0.079	ng/ul#	94
7) 2-Methylnaphthalene	12.443	142	5349	0.111	ng/ul	96
8) 1-Methylnaphthalene	12.657	142	3979	0.079	ng/ul	97
10) Acenaphthylene	14.331	152	2818	0.050	ng/ul#	79
11) Acenaphthene	14.673	153	1514	0.031	ng/ul	92
12) Fluorene	15.654	166	1303	0.024	ng/ul#	84
15) Phenanthrene	17.394	178	32416	0.458	ng/ul	99
16) Anthracene	17.483	178	5317	0.089	ng/ul#	89
19) Fluoranthene	19.406	202	85696	1.398	ng/ul	97
20) Pyrene	19.769	202	23201m	0.364	ng/ul	
21) Benzo(a)anthracene	21.513	228	48383	0.911	ng/ul	98
22) Chrysene	21.566	228	57515	1.025	ng/ul	98
24) Benzo(b)fluoranthene	23.214	252	112080	1.647	ng/ul	94
25) Benzo(k)fluoranthene	23.258	252	44177m	0.689	ng/ul	
26) Benzo(a)pyrene	23.843	252	9473	0.170	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.469	276	20077	0.284	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.486	278	19515	0.344	ng/ul#	84

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

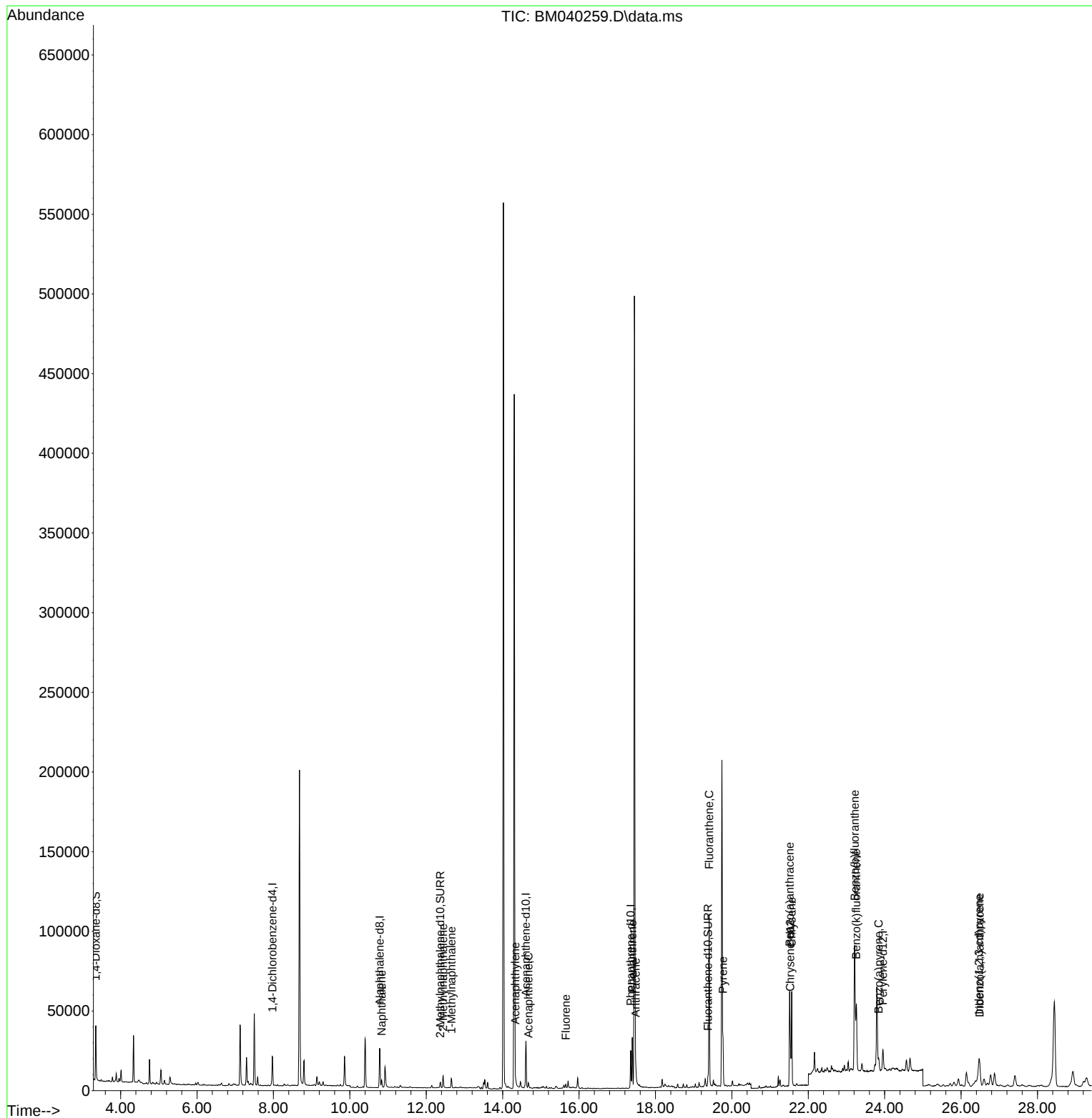
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040259.D
Acq On : 15 Jun 2023 14:57
Operator : MA/JU
Sample : 03088-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

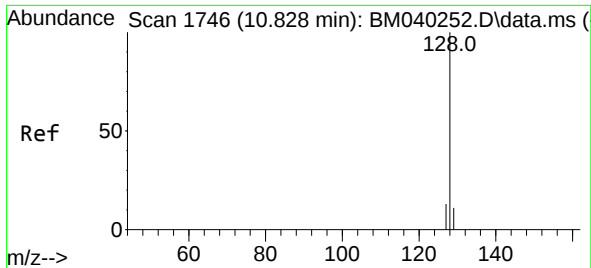
Instrument :
BNA_M
ClientSampleId :
DCFR0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

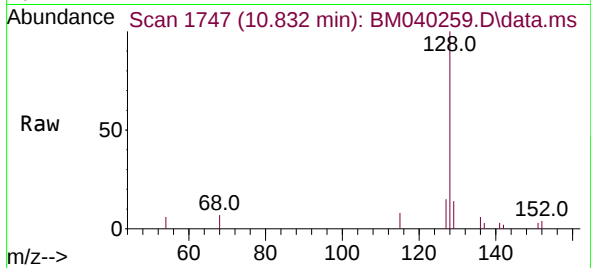
Quant Time: Jun 16 00:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.832 min Scan# 1747
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

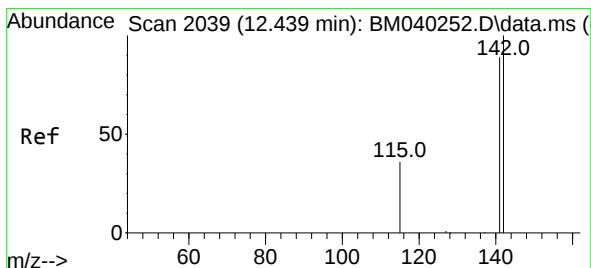
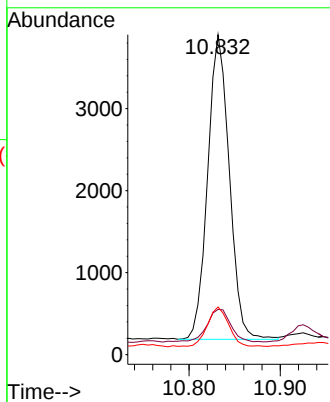
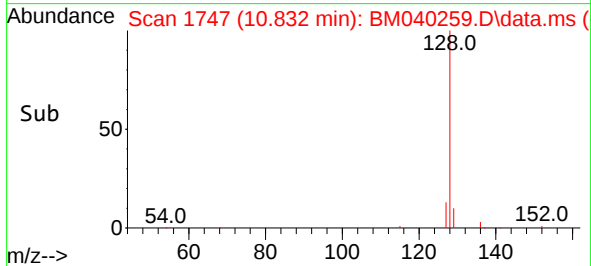
Instrument :
BNA_M
ClientSampleId :
DCFR0



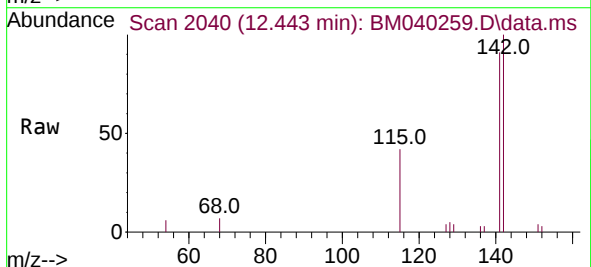
Tgt Ion:128 Resp: 612
Ion Ratio Lower Upper
128 100
129 14.2 9.1 13.7
127 14.9 10.4 15.6

Manual Integrations
APPROVED

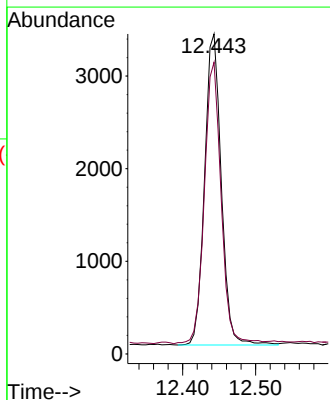
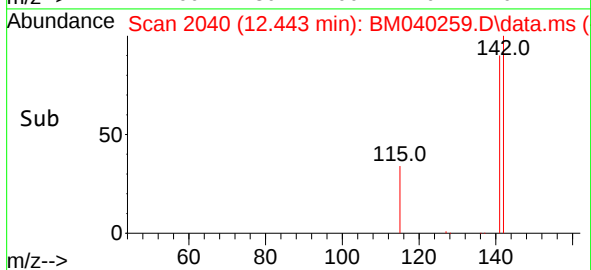
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

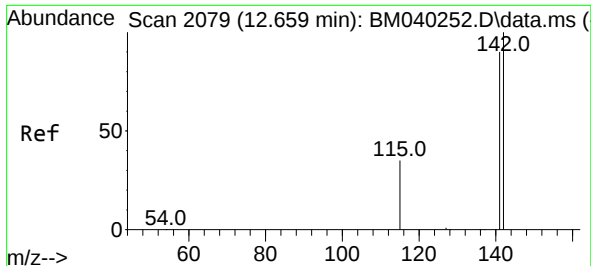


#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.443 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57



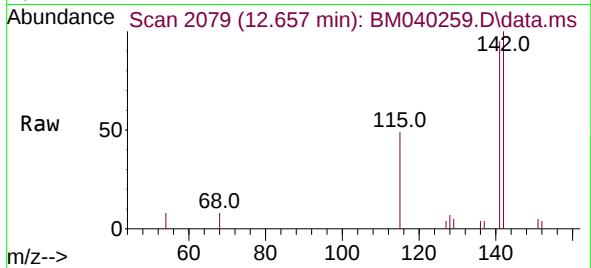
Tgt Ion:142 Resp: 5349
Ion Ratio Lower Upper
142 100
141 91.6 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

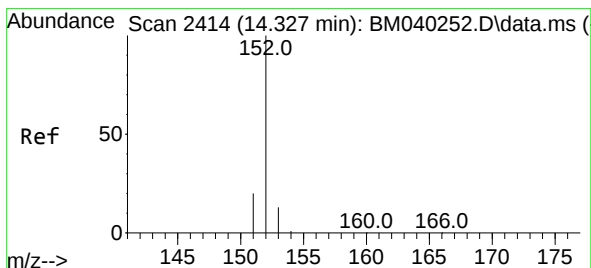
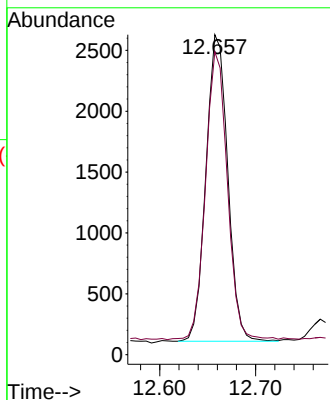
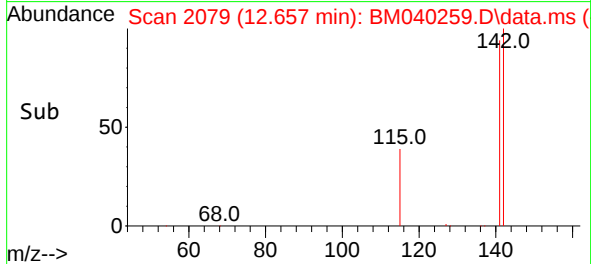
Instrument :
BNA_M
ClientSampleId :
DCFR0



Tgt Ion:142 Resp: 3979
Ion Ratio Lower Upper
142 100
141 93.8 73.0 109.4

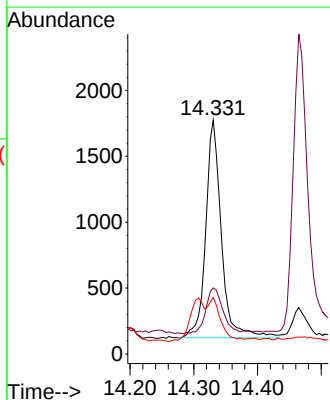
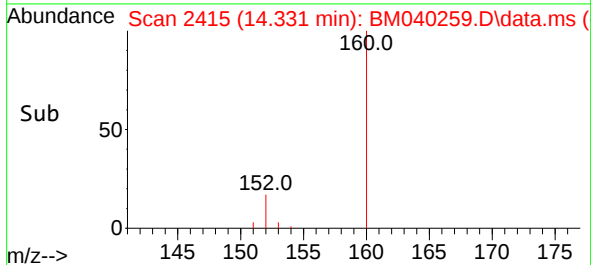
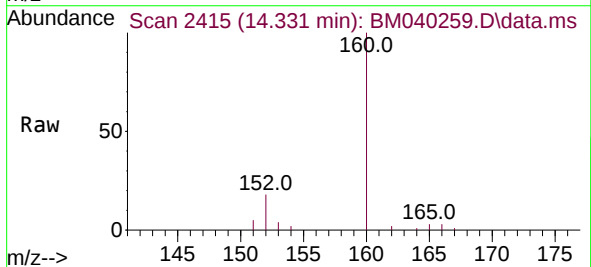
Manual Integrations
APPROVED

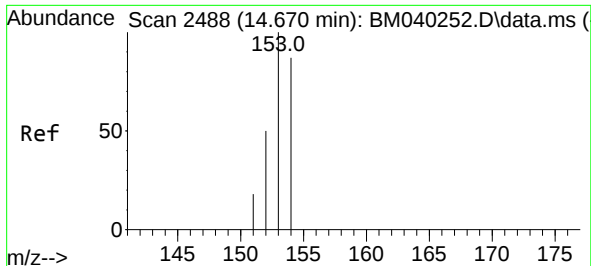
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 14.331 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

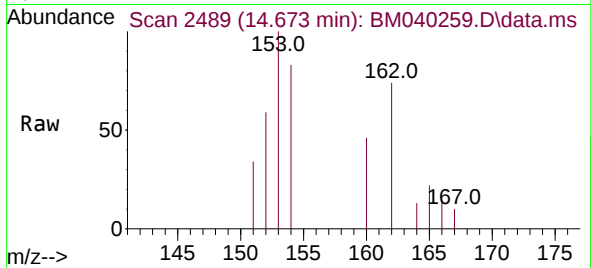
Tgt Ion:152 Resp: 2818
Ion Ratio Lower Upper
152 100
151 28.2 16.3 24.5#
153 24.1 10.7 16.1#





#11
Acenaphthene
Concen: 0.031 ng/uI
RT: 14.673 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

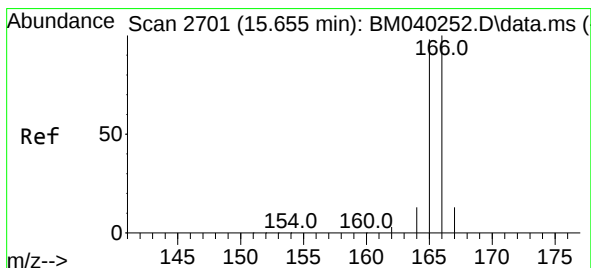
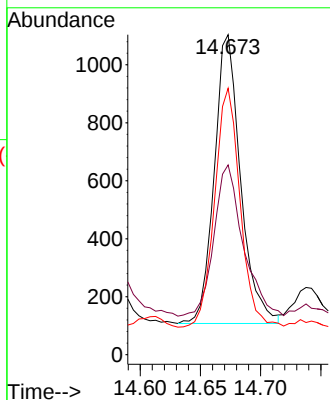
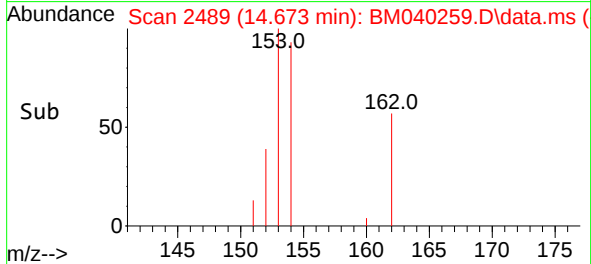
Instrument :
BNA_M
ClientSampleId :
DCFR0



Tgt Ion:153 Resp: 1514
Ion Ratio Lower Upper
153 100
152 59.3 40.3 60.5
154 83.2 70.5 105.7

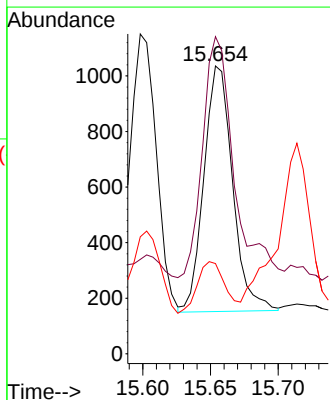
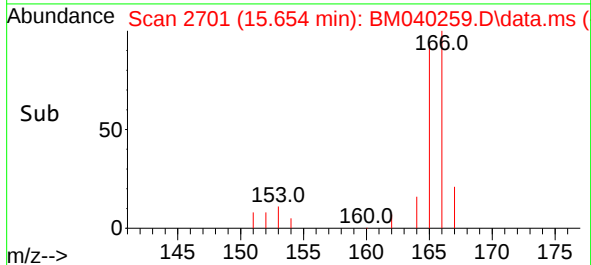
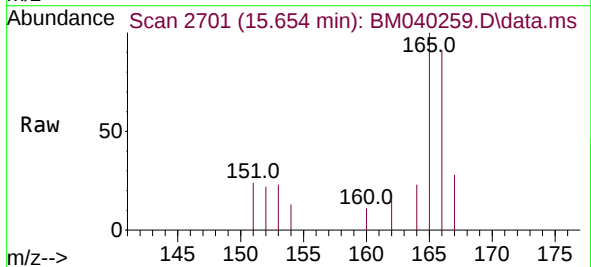
Manual Integrations
APPROVED

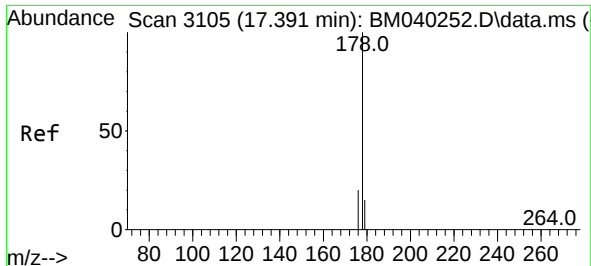
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#12
Fluorene
Concen: 0.024 ng/uI
RT: 15.654 min Scan# 2701
Delta R.T. -0.006 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

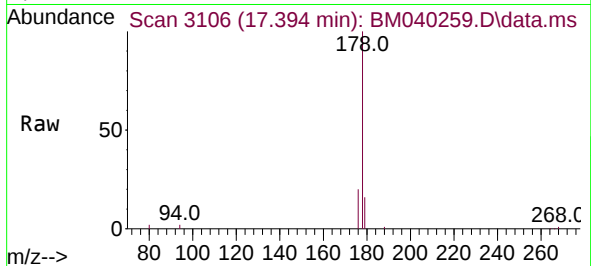
Tgt Ion:166 Resp: 1303
Ion Ratio Lower Upper
166 100
165 110.1 78.2 117.4
167 31.4 11.0 16.4#





#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.394 min Scan# 3105
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

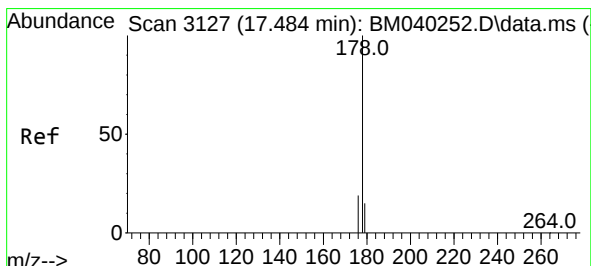
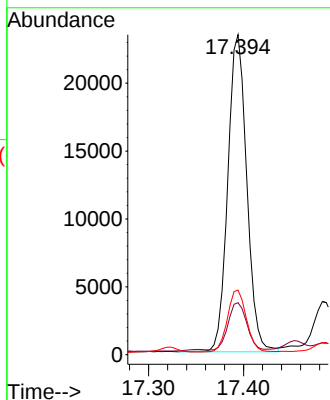
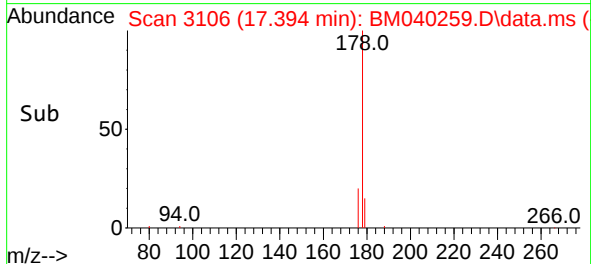
Instrument :
BNA_M
ClientSampleId :
DCFR0



Tgt Ion:178 Resp: 32410
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 16.1 24.1

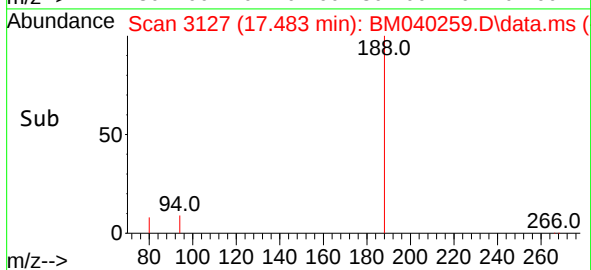
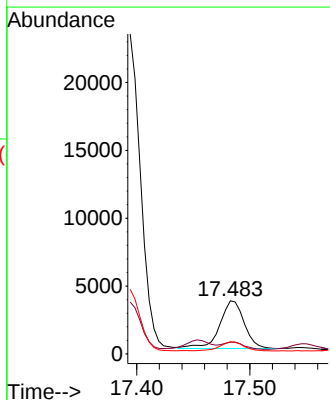
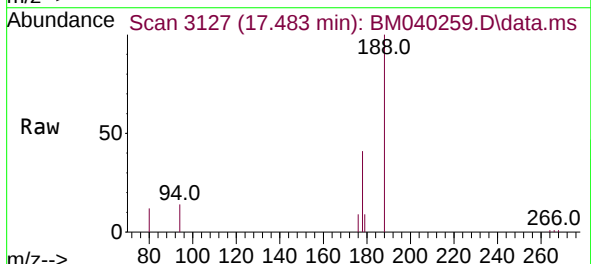
Manual Integrations
APPROVED

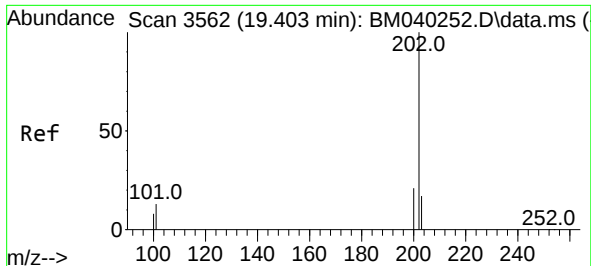
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

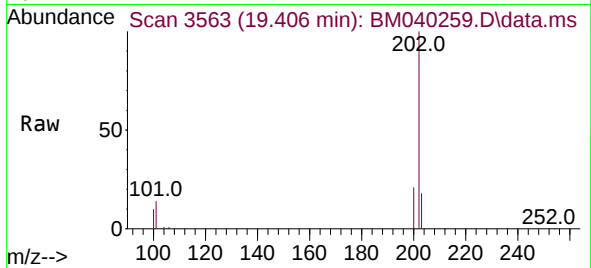
Tgt Ion:178 Resp: 5317
Ion Ratio Lower Upper
178 100
179 22.3 13.0 19.4#
176 23.0 15.5 23.3





#19
Fluoranthene
Concen: 1.398 ng/ul
RT: 19.406 min Scan# 3562
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

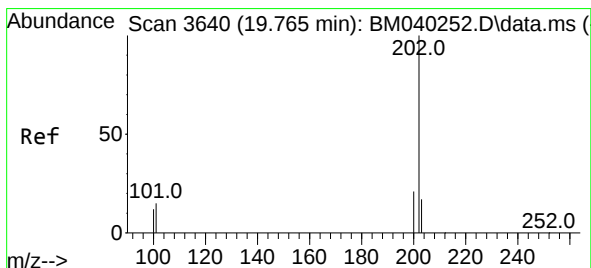
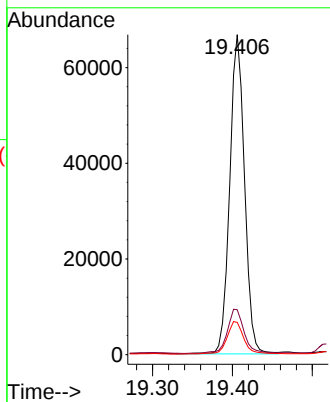
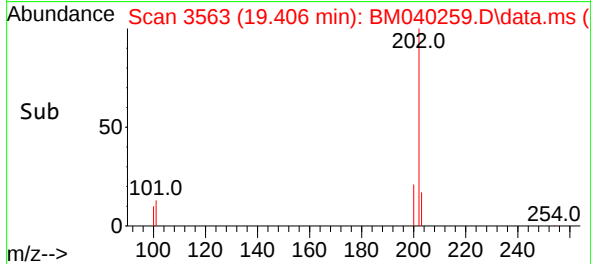
Instrument :
BNA_M
ClientSampleId :
DCFR0



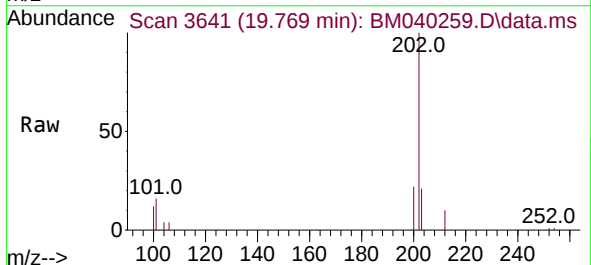
Tgt Ion:202 Resp: 85690
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.4
100 10.1 7.6 11.4

Manual Integrations
APPROVED

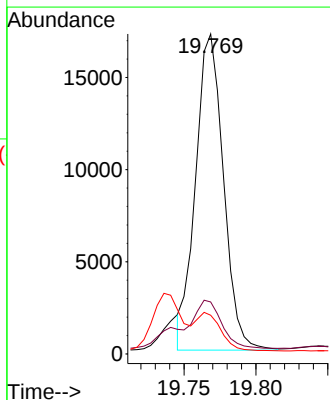
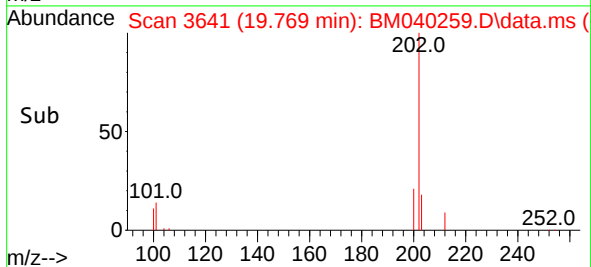
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

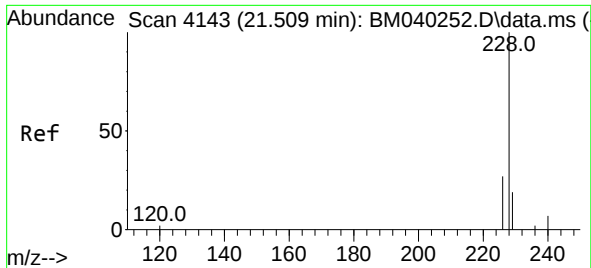


#20
Pyrene
Concen: 0.364 ng/ul m
RT: 19.769 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57



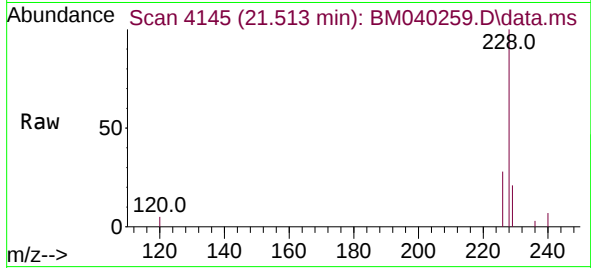
Tgt Ion:202 Resp: 23201
Ion Ratio Lower Upper
202 100
101 16.2 11.8 17.8
100 12.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.911 ng/ul
RT: 21.513 min Scan# 4143
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

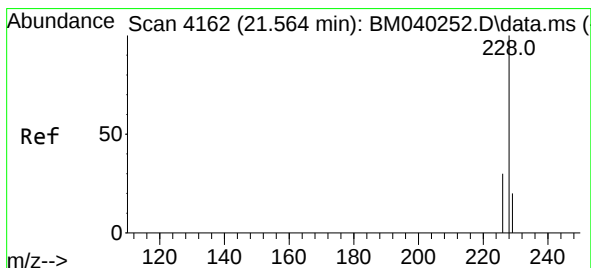
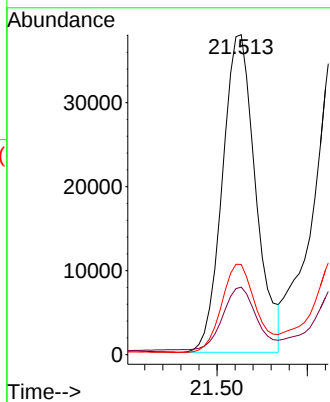
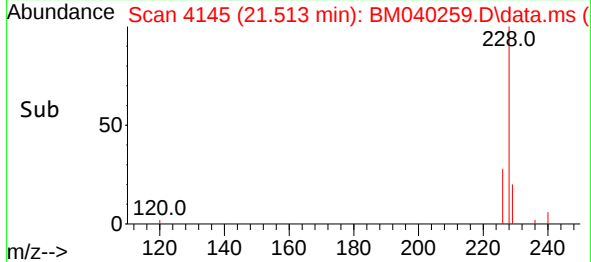
Instrument :
BNA_M
ClientSampleId :
DCFR0



Tgt Ion:228 Resp: 4838
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 28.2 22.0 33.0

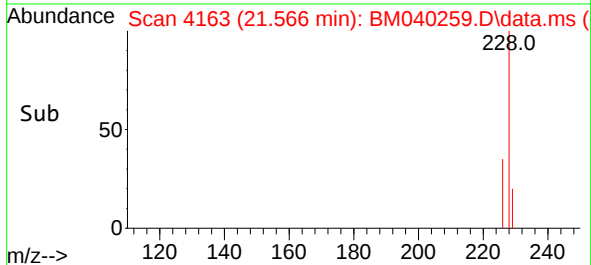
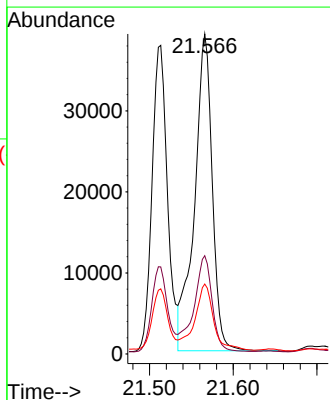
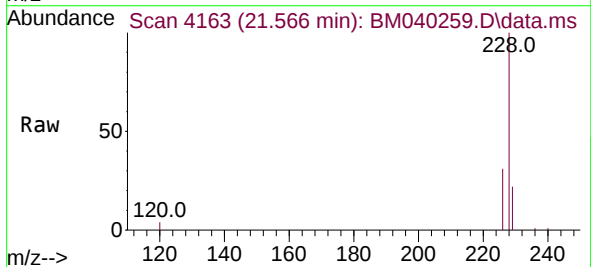
Manual Integrations
APPROVED

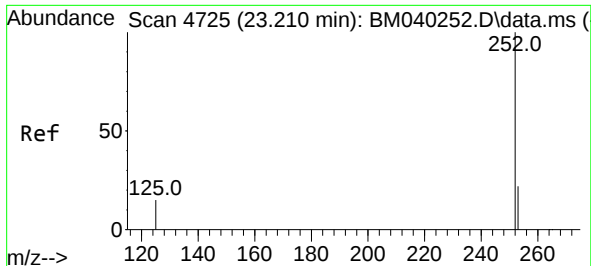
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Chrysene
Concen: 1.025 ng/ul
RT: 21.566 min Scan# 4163
Delta R.T. -0.004 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

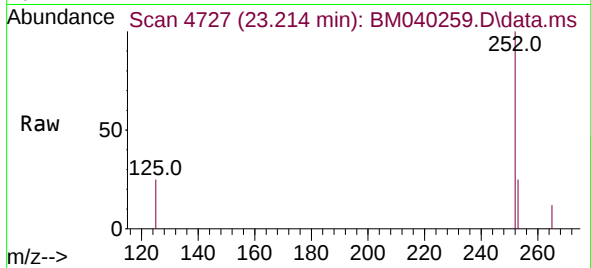
Tgt Ion:228 Resp: 57515
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.647 ng/ul
RT: 23.214 min Scan# 4727
Delta R.T. -0.001 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

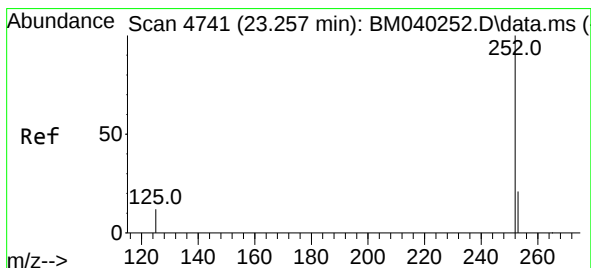
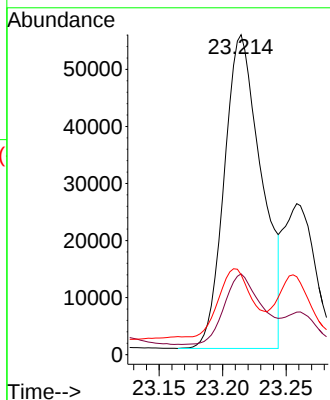
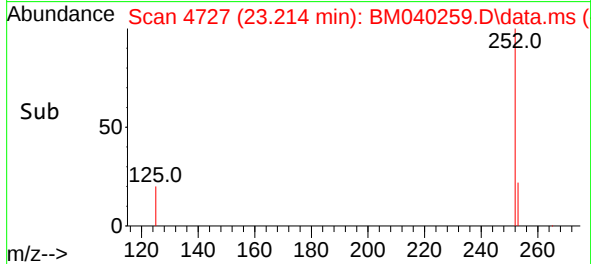
Instrument :
BNA_M
ClientSampleId :
DCFR0



Tgt Ion:252 Resp: 112080
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.4
125 25.0 0.0 38.4

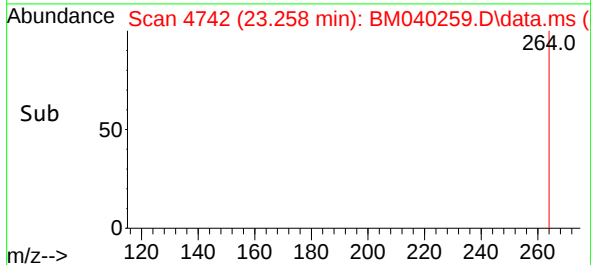
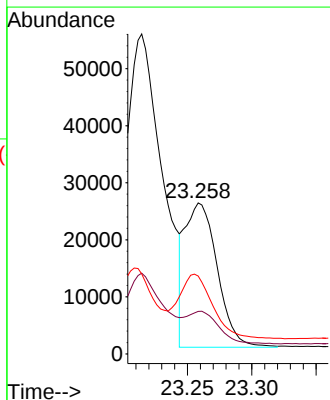
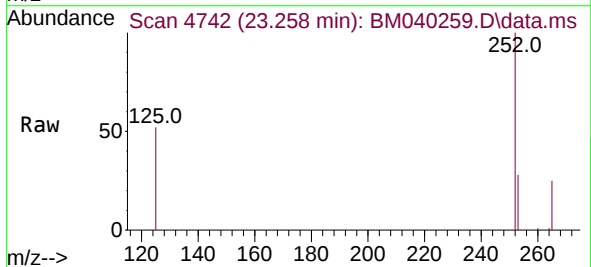
Manual Integrations
APPROVED

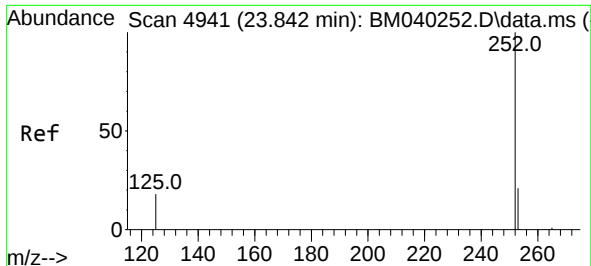
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.689 ng/ul m
RT: 23.258 min Scan# 4742
Delta R.T. -0.007 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

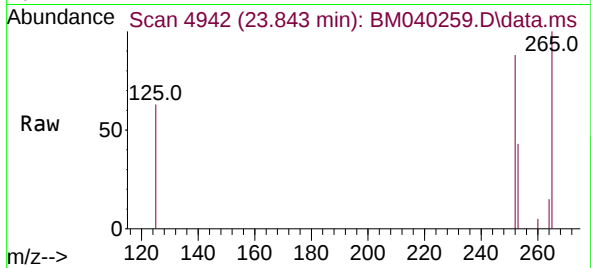
Tgt Ion:252 Resp: 44177
Ion Ratio Lower Upper
252 100
253 28.2 21.5 32.3
125 51.5 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 0.170 ng/ul
RT: 23.843 min Scan# 4941
Delta R.T. -0.007 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57

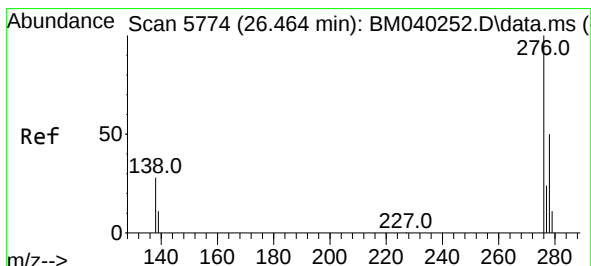
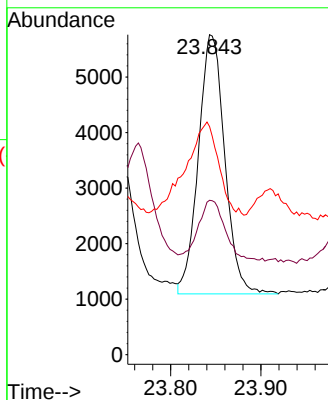
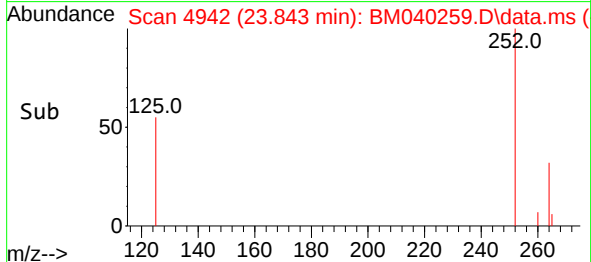
Instrument :
BNA_M
ClientSampleId :
DCFR0



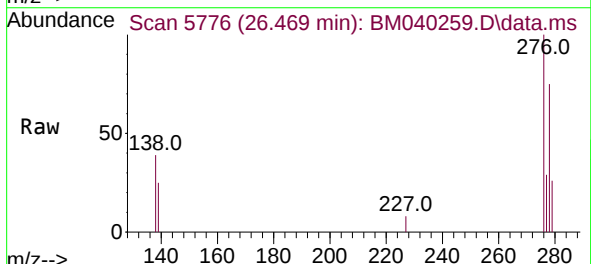
Tgt Ion:252 Resp: 947
Ion Ratio Lower Upper
252 100
253 48.3 23.4 35.0#
125 71.3 19.7 29.5#

Manual Integrations
APPROVED

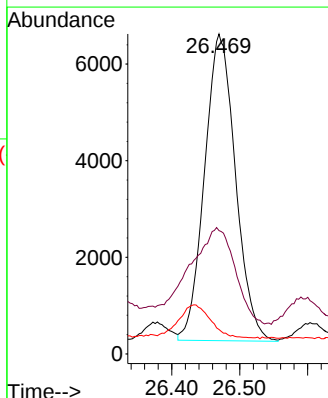
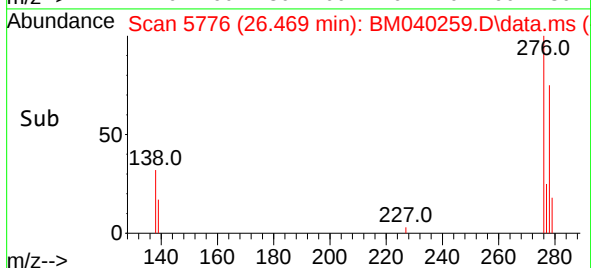
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

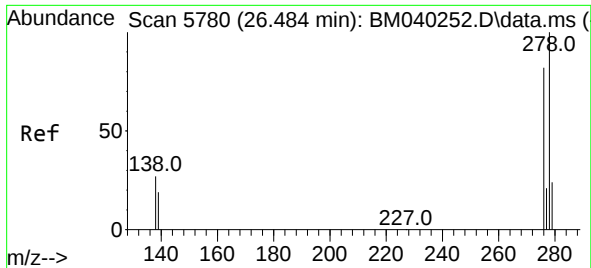


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 26.469 min Scan# 5776
Delta R.T. -0.008 min
Lab File: BM040259.D
Acq: 15 Jun 2023 14:57



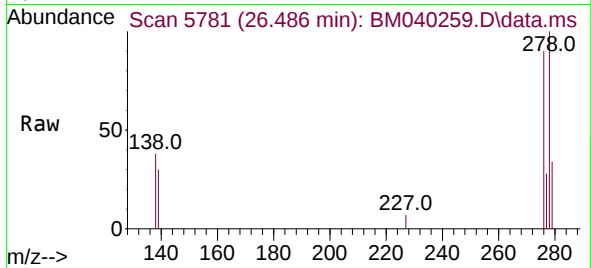
Tgt Ion:276 Resp: 20077
Ion Ratio Lower Upper
276 100
138 46.8 23.3 34.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.344 ng/ul
 RT: 26.486 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: BM040259.D
 Acq: 15 Jun 2023 14:57

Instrument :
 BNA_M
 ClientSampleId :
 DCFR0



Tgt Ion:278 Resp: 1951
 Ion Ratio Lower Upper
 278 100
 139 29.6 16.4 24.6
 279 33.9 21.8 32.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

