

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040268.D
 Acq On : 15 Jun 2023 20:31
 Operator : MA/JU
 Sample : 03088-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR8

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 23:44:03 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	7.970	152	9008	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	32821	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16405	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	27432	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18370	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	17509	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	19746	1.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5694	0.137	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	7502	0.164	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.833	128	27811	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	6076	0.126	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	3308	0.065	ng/ul	99
10) Acenaphthylene	14.332	152	20037	0.349	ng/ul	99
11) Acenaphthene	14.670	153	5088	0.103	ng/ul	98
12) Fluorene	15.655	166	9117	0.166	ng/ul	96
15) Phenanthrene	17.391	178	132267	1.834	ng/ul	99
16) Anthracene	17.484	178	25503	0.417	ng/ul	99
19) Fluoranthene	19.408	202	224892	3.594	ng/ul	98
20) Pyrene	19.765	202	83841	1.290	ng/ul	98
21) Benzo(a)anthracene	21.509	228	96307	1.776	ng/ul	98
22) Chrysene	21.564	228	91260	1.593	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	133163	2.063	ng/ul	95
25) Benzo(k)fluoranthene	23.257	252	51374m	0.845	ng/ul	
26) Benzo(a)pyrene	23.842	252	20013	0.378	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.467	276	29511	0.440	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.481	278	17280	0.321	ng/ul#	86

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

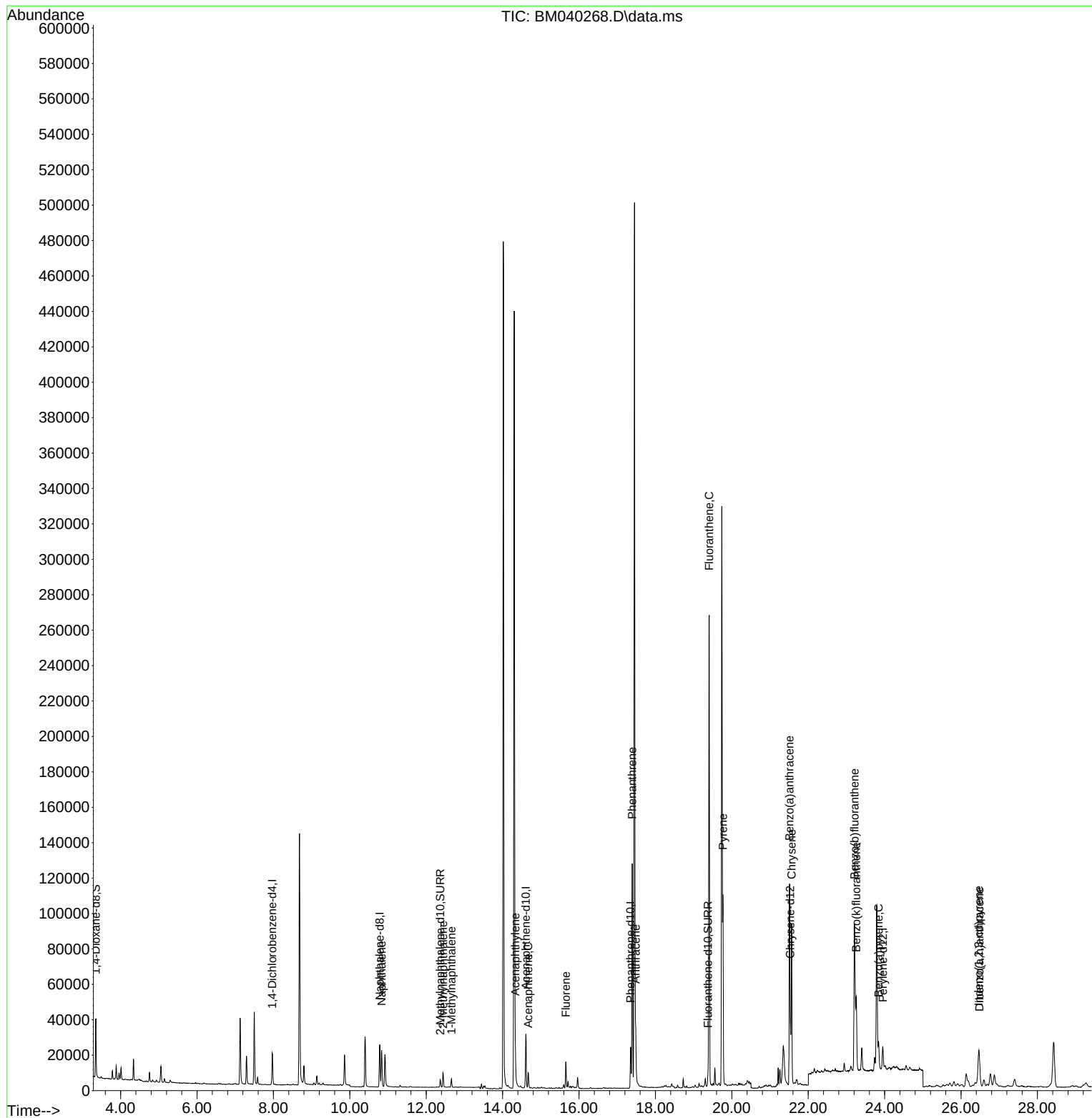
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040268.D
Acq On : 15 Jun 2023 20:31
Operator : MA/JU
Sample : 03088-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

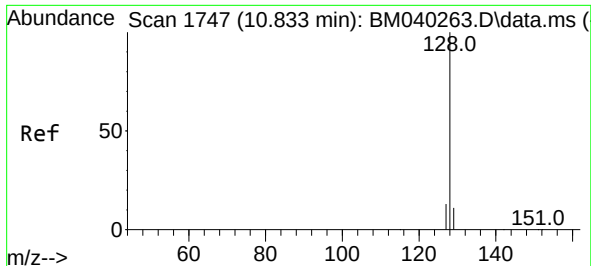
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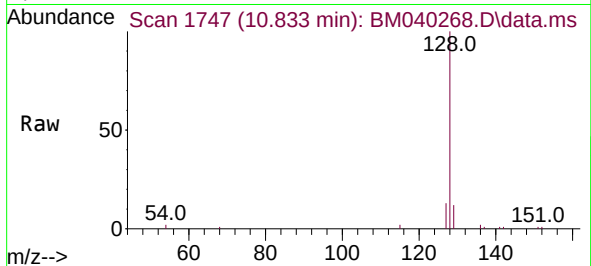
Quant Time: Jun 15 23:44:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

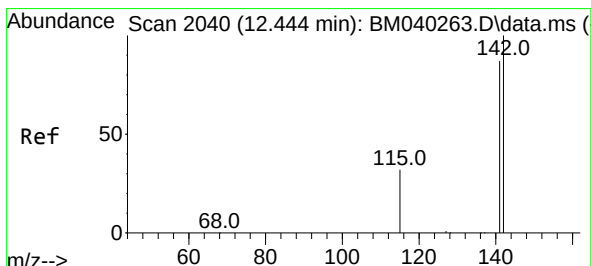
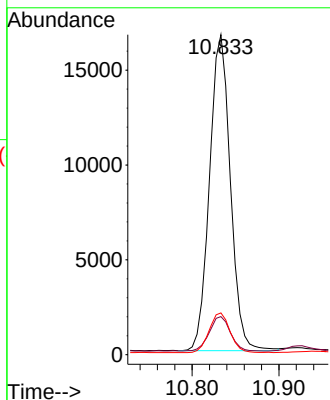
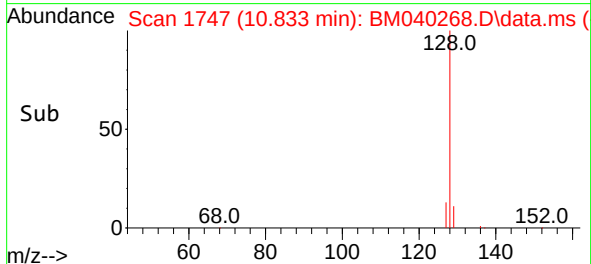
Instrument :
BNA_M
ClientSampleId :
DCFR8



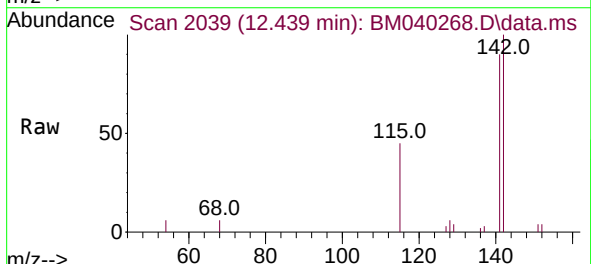
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Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.0 10.4 15.6

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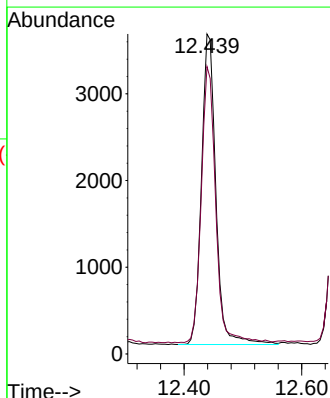
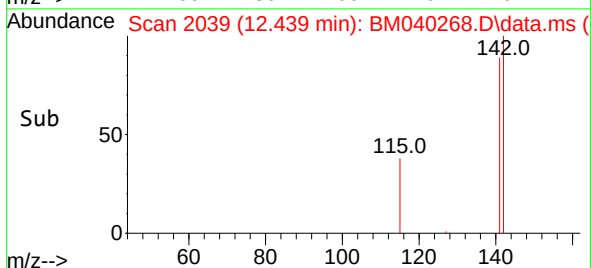
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

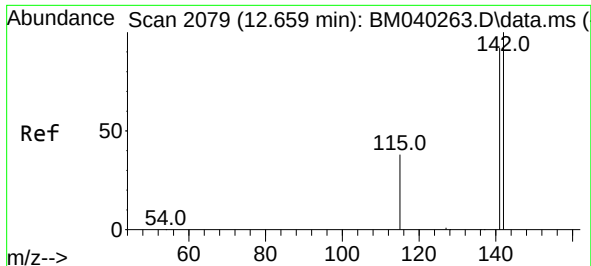


#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31



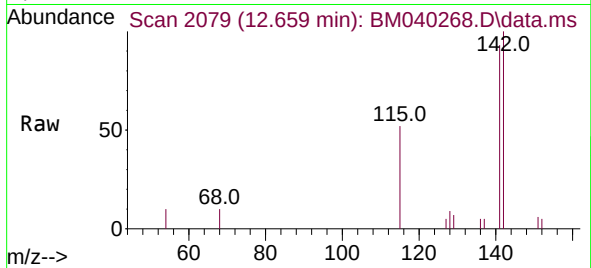
Tgt Ion:142 Resp: 6076
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

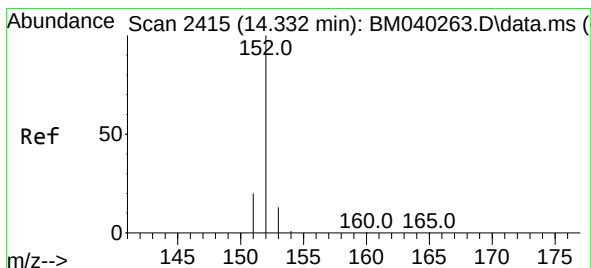
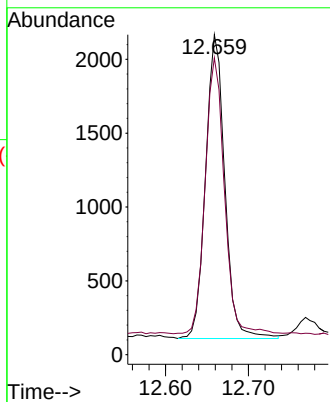
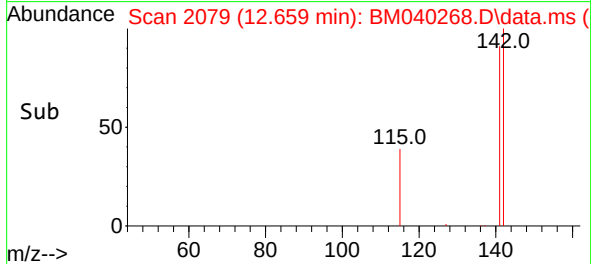
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 3308
Ion Ratio Lower Upper
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141 90.5 73.0 109.4

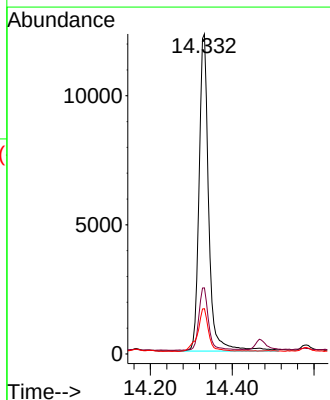
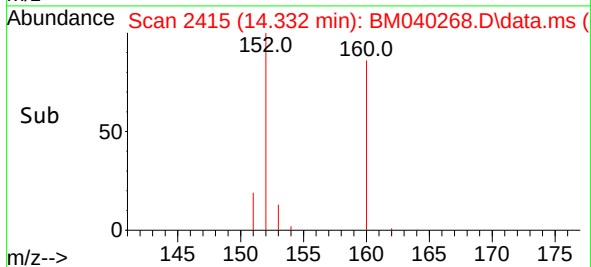
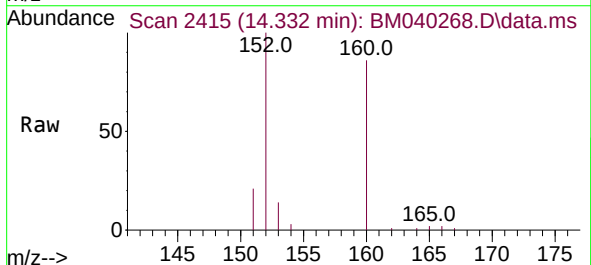
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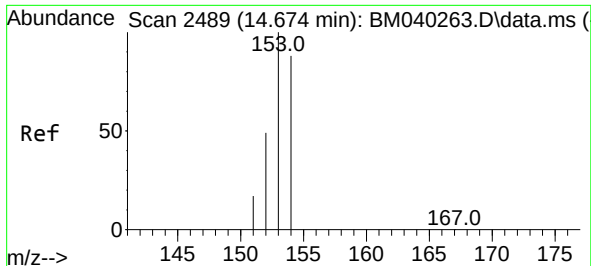
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.332 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

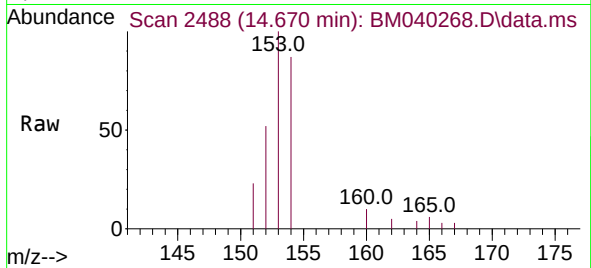
Tgt Ion:152 Resp: 20037
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.2 10.7 16.1





#11
Acenaphthene
Concen: 0.103 ng/u1
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

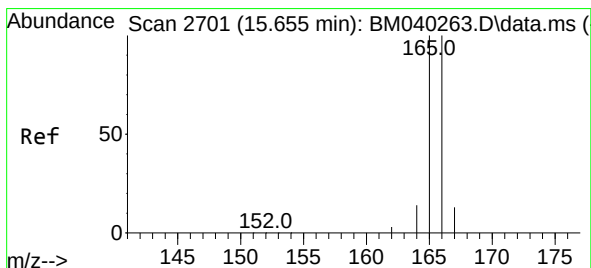
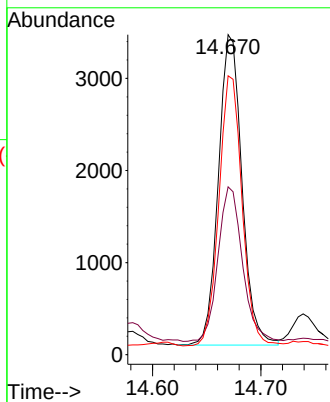
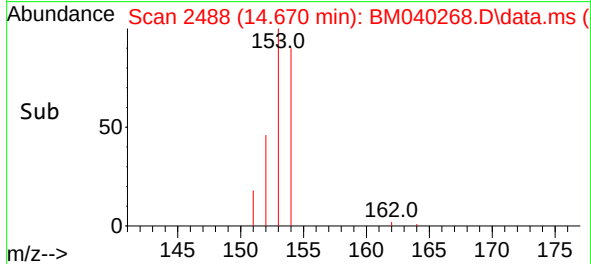
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:153 Resp: 5088
Ion Ratio Lower Upper
153 100
152 52.4 40.3 60.5
154 87.2 70.5 105.7

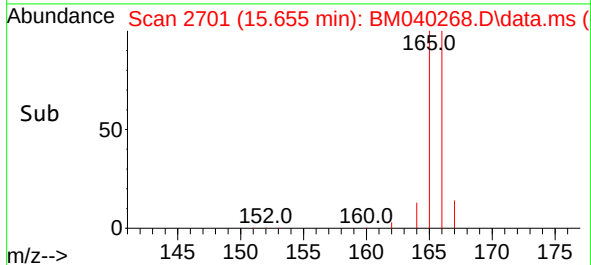
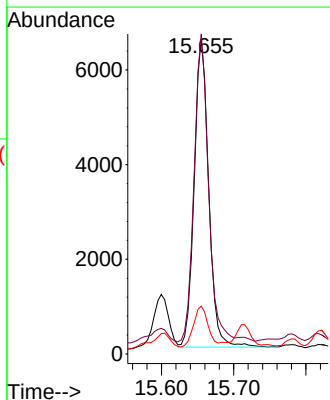
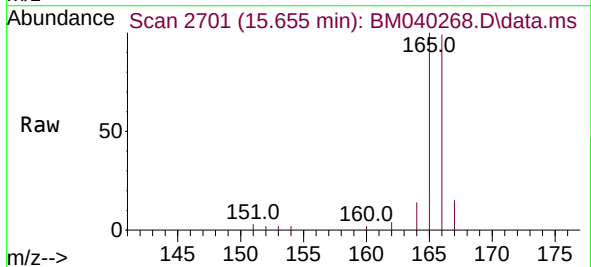
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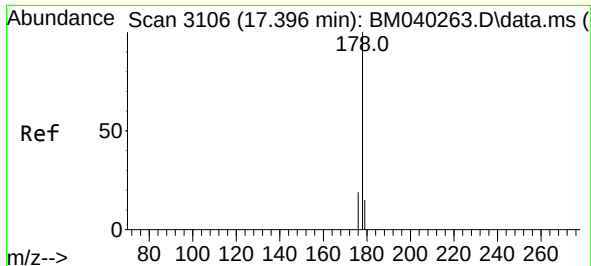
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#12
Fluorene
Concen: 0.166 ng/u1
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

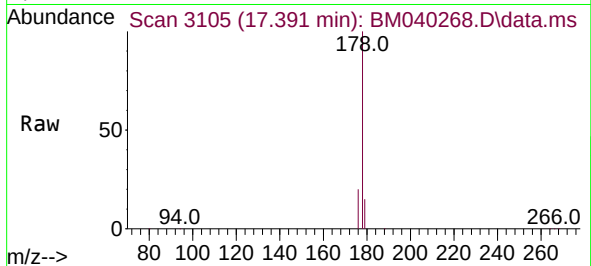
Tgt Ion:166 Resp: 9117
Ion Ratio Lower Upper
166 100
165 101.5 78.2 117.4
167 15.2 11.0 16.4





#15
Phenanthrene
Concen: 1.834 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

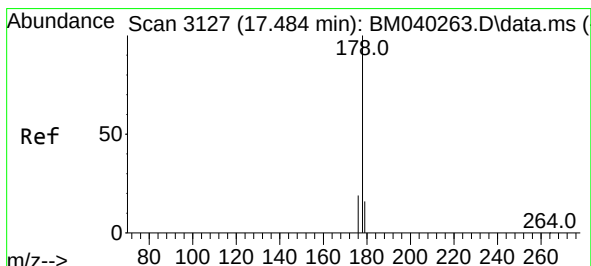
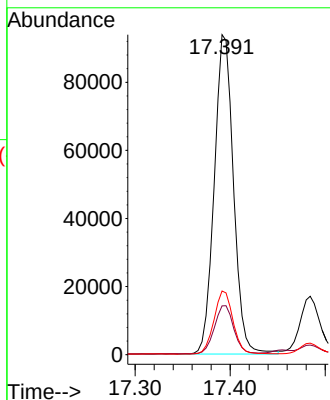
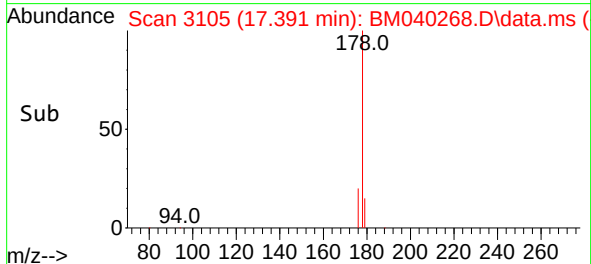
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:178 Resp: 13226
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.9 16.1 24.1

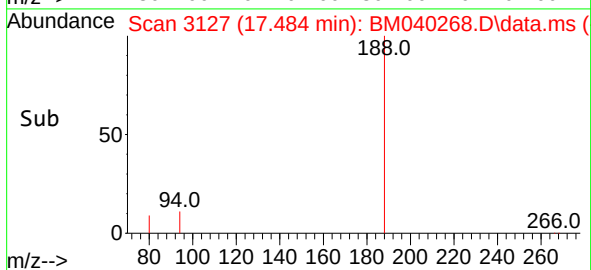
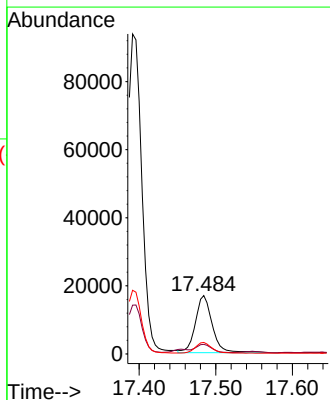
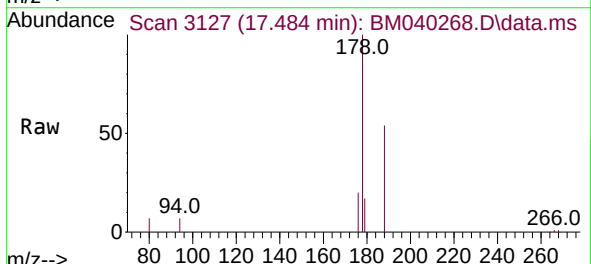
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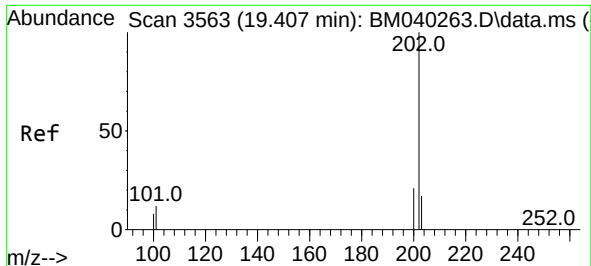
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#16
Anthracene
Concen: 0.417 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

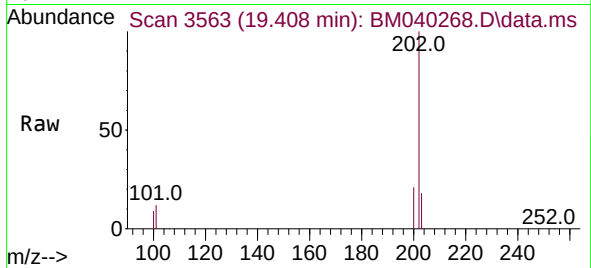
Tgt Ion:178 Resp: 25503
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.7 15.5 23.3





#19
Fluoranthene
Concen: 3.594 ng/u1
RT: 19.408 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

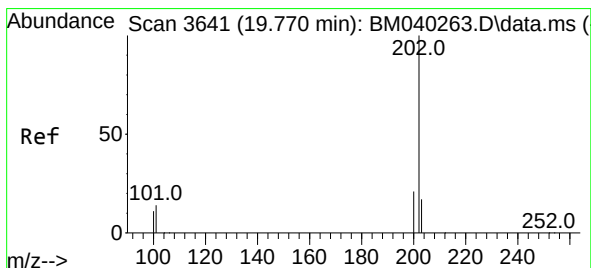
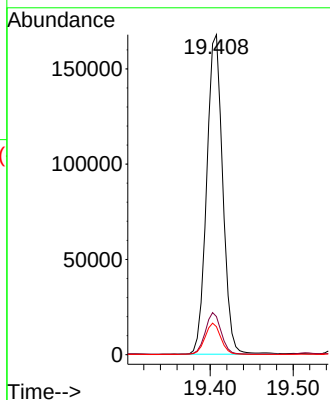
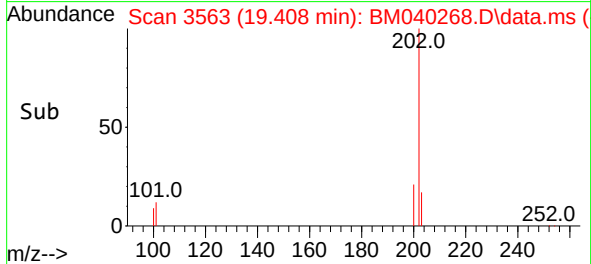
Instrument :
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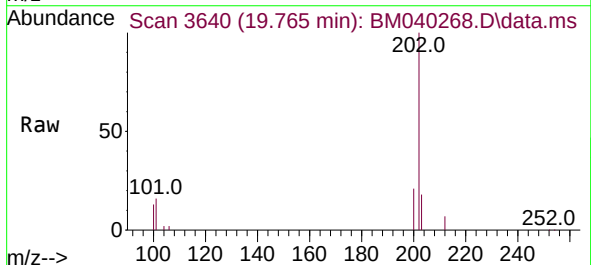
Tgt Ion:202 Resp: 224892
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 8.7 7.6 11.4

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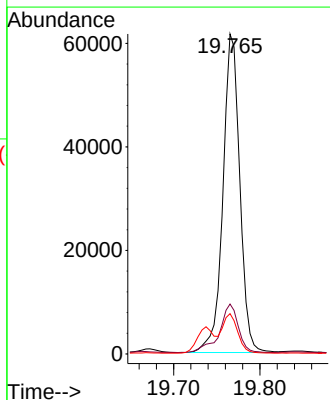
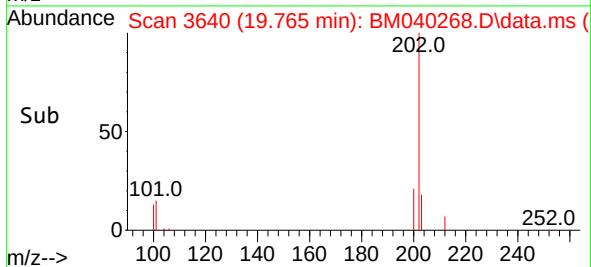
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

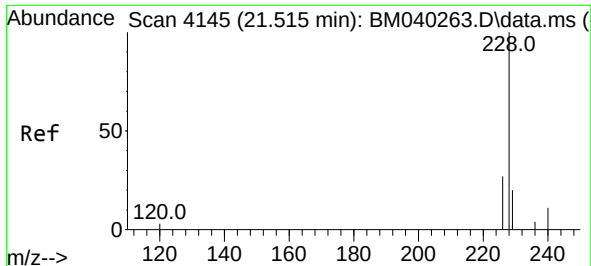


#20
Pyrene
Concen: 1.290 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31



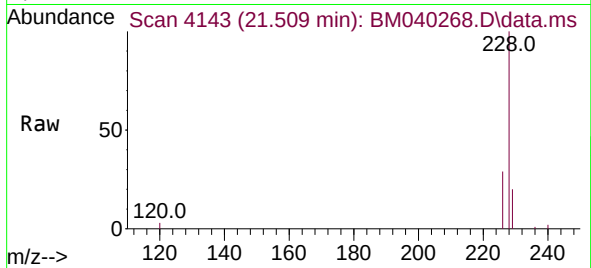
Tgt Ion:202 Resp: 83841
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.6 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.776 ng/ul
RT: 21.509 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

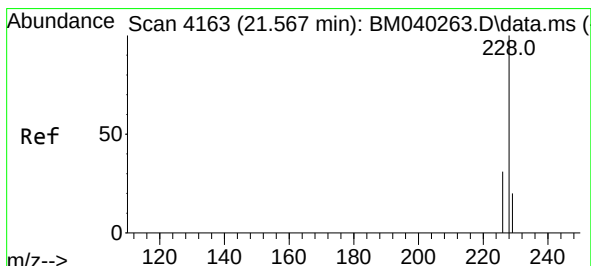
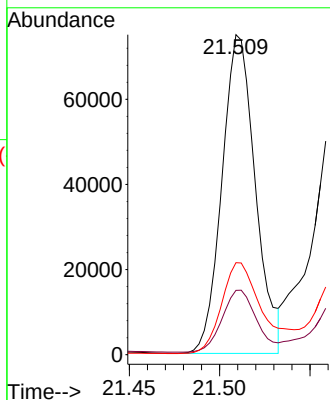
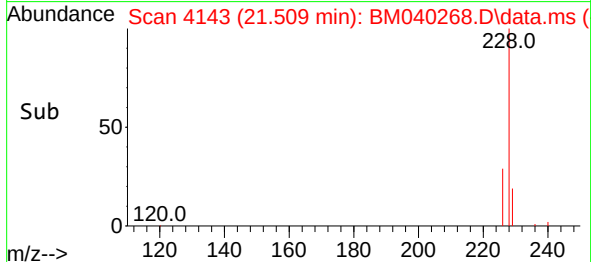
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:228 Resp: 9630
Ion Ratio Lower Upper
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229 20.1 15.8 23.8
226 28.8 22.0 33.0

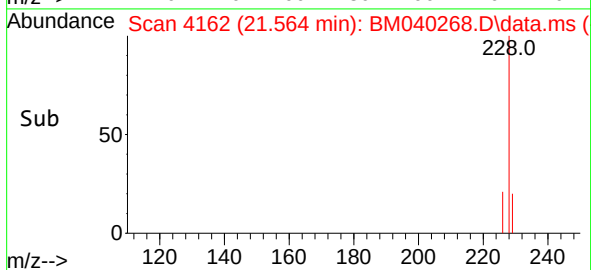
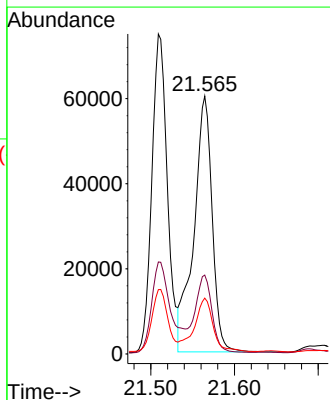
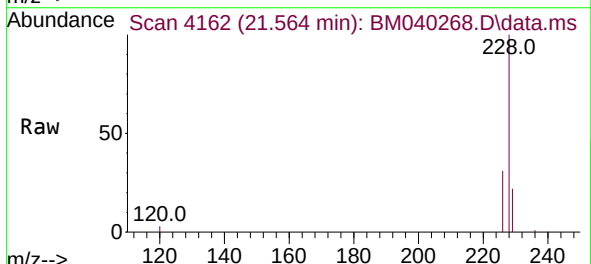
Manual Integrations
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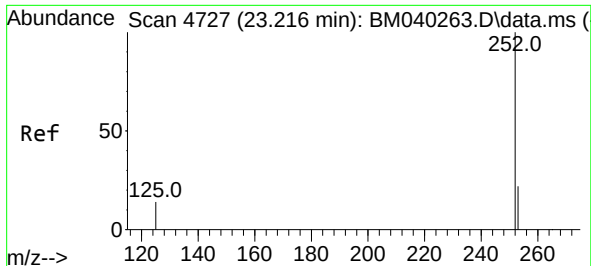
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Chrysene
Concen: 1.593 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

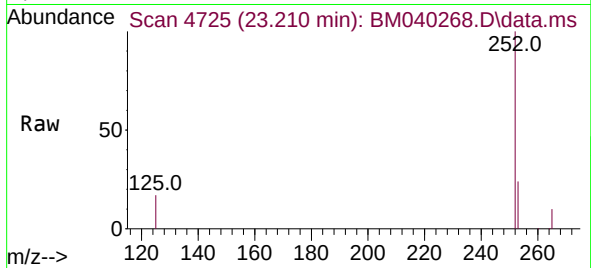
Tgt Ion:228 Resp: 91260
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.063 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

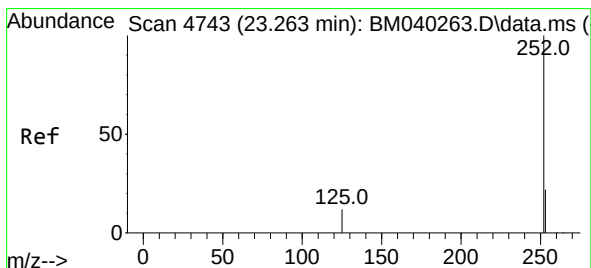
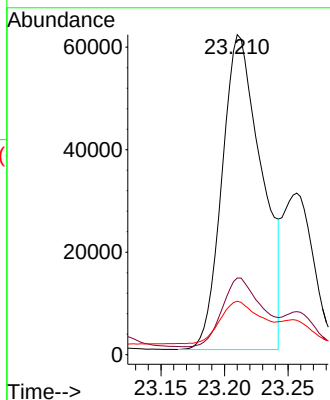
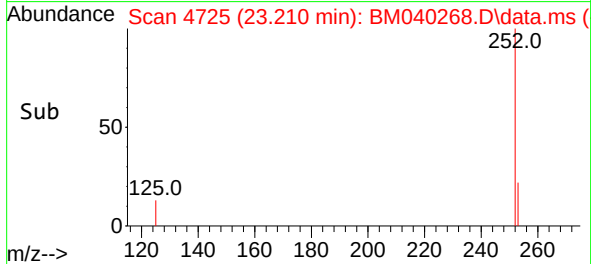
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:252 Resp: 13316
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.4
125 16.7 0.0 38.4

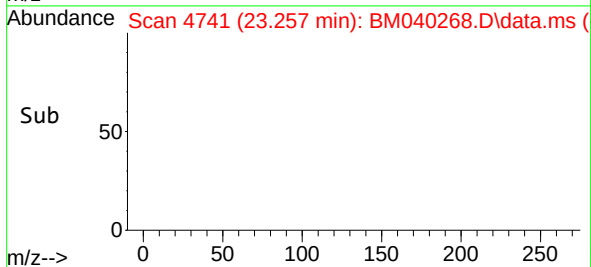
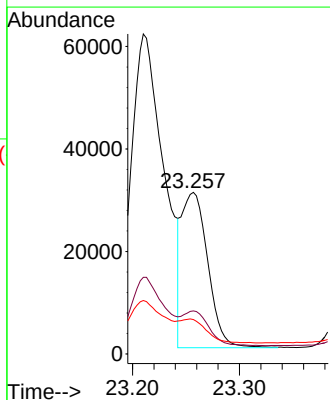
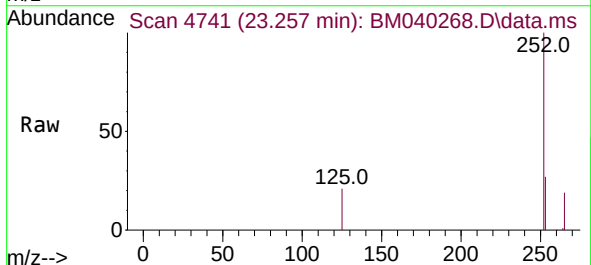
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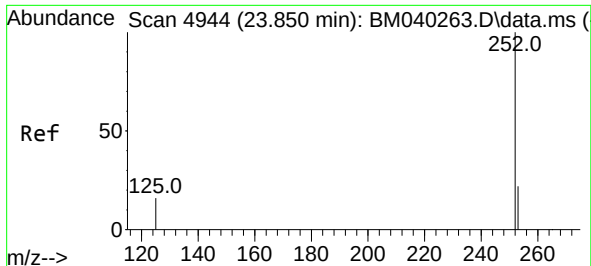
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.845 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

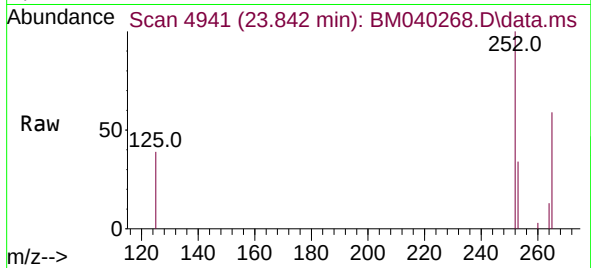
Tgt Ion:252 Resp: 51374
Ion Ratio Lower Upper
252 100
253 26.7 21.5 32.3
125 21.3 14.7 22.1





#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.842 min Scan# 4944
Delta R.T. -0.009 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

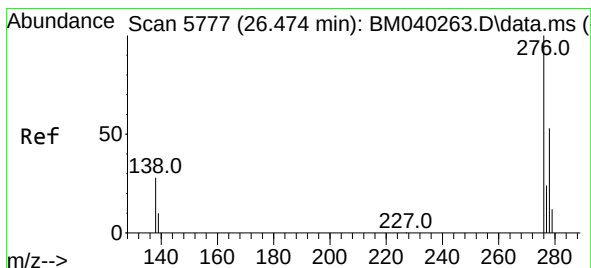
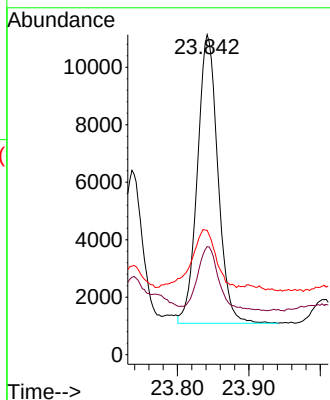
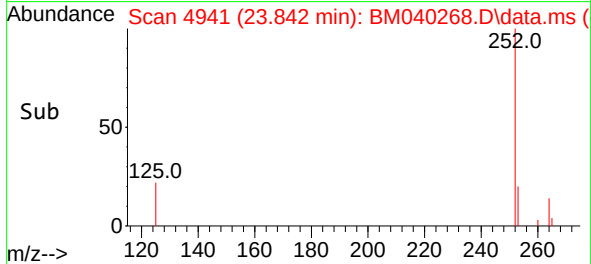
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:252 Resp: 2001
Ion Ratio Lower Upper
252 100
253 33.8 23.4 35.0
125 38.8 19.7 29.5

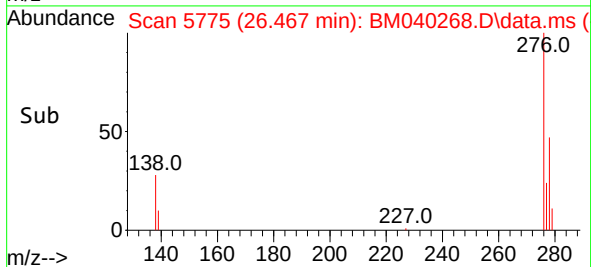
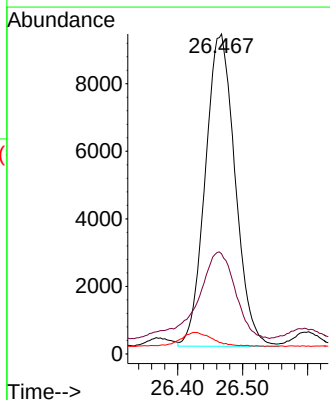
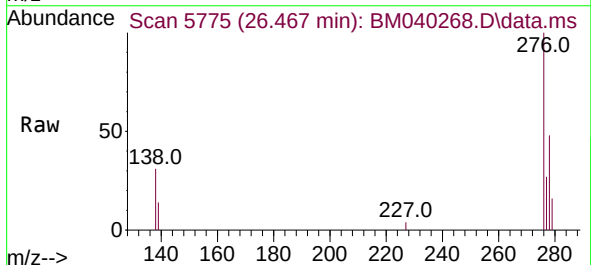
Manual Integrations
APPROVED

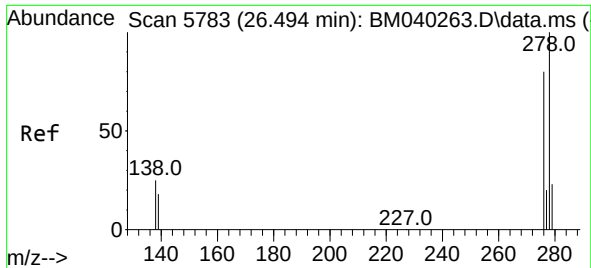
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040268.D
Acq: 15 Jun 2023 20:31

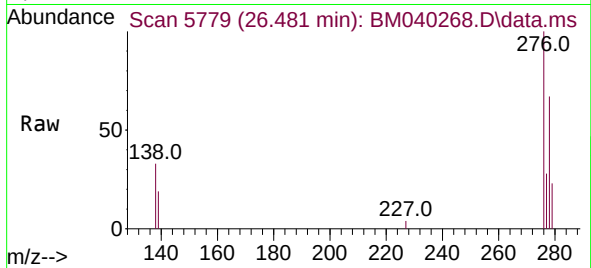
Tgt Ion:276 Resp: 29511
Ion Ratio Lower Upper
276 100
138 35.1 23.3 34.9#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.321 ng/ul
 RT: 26.481 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BM040268.D
 Acq: 15 Jun 2023 20:31

Instrument :
 BNA_M
 ClientSampleId :
 DCFR8



Tgt Ion:278 Resp: 17280
 Ion Ratio Lower Upper
 278 100
 139 27.8 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

