

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040298.D
 Acq On : 17 Jun 2023 01:49
 Operator : MA/JU
 Sample : 03080-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 02:48:35 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	9409	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	30898	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	14972	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	26989	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	22725	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	25670	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	39010	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	7087	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	11017	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.832	128	39085	0.534	ng/ul	99
7) 2-Methylnaphthalene	12.437	142	21490	0.472	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	16372	0.344	ng/ul	99
10) Acenaphthylene	14.330	152	63539	1.213	ng/ul	99
11) Acenaphthene	14.668	153	16680	0.372	ng/ul	98
12) Fluorene	15.654	166	14345	0.287	ng/ul#	96
15) Phenanthrene	17.394	178	423323	5.965	ng/ul	99
16) Anthracene	17.483	178	93675	1.558	ng/ul	100
19) Fluoranthene	19.406	202	1287045	16.626	ng/ul	98
20) Pyrene	19.768	202	1131093	14.063	ng/ul	99
21) Benzo(a)anthracene	21.509	228	608097	9.066	ng/ul	98
22) Chrysene	21.562	228	683893	9.652	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	1256437	13.277	ng/ul	91
25) Benzo(k)fluoranthene	23.254	252	404816m	4.543	ng/ul	
26) Benzo(a)pyrene	23.845	252	815397	10.501	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.471	276	717407	7.299	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.478	278	169658	2.150	ng/ul	97
29) Benzo(g,h,i)perylene	27.249	276	678245	8.262	ng/ul	99

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

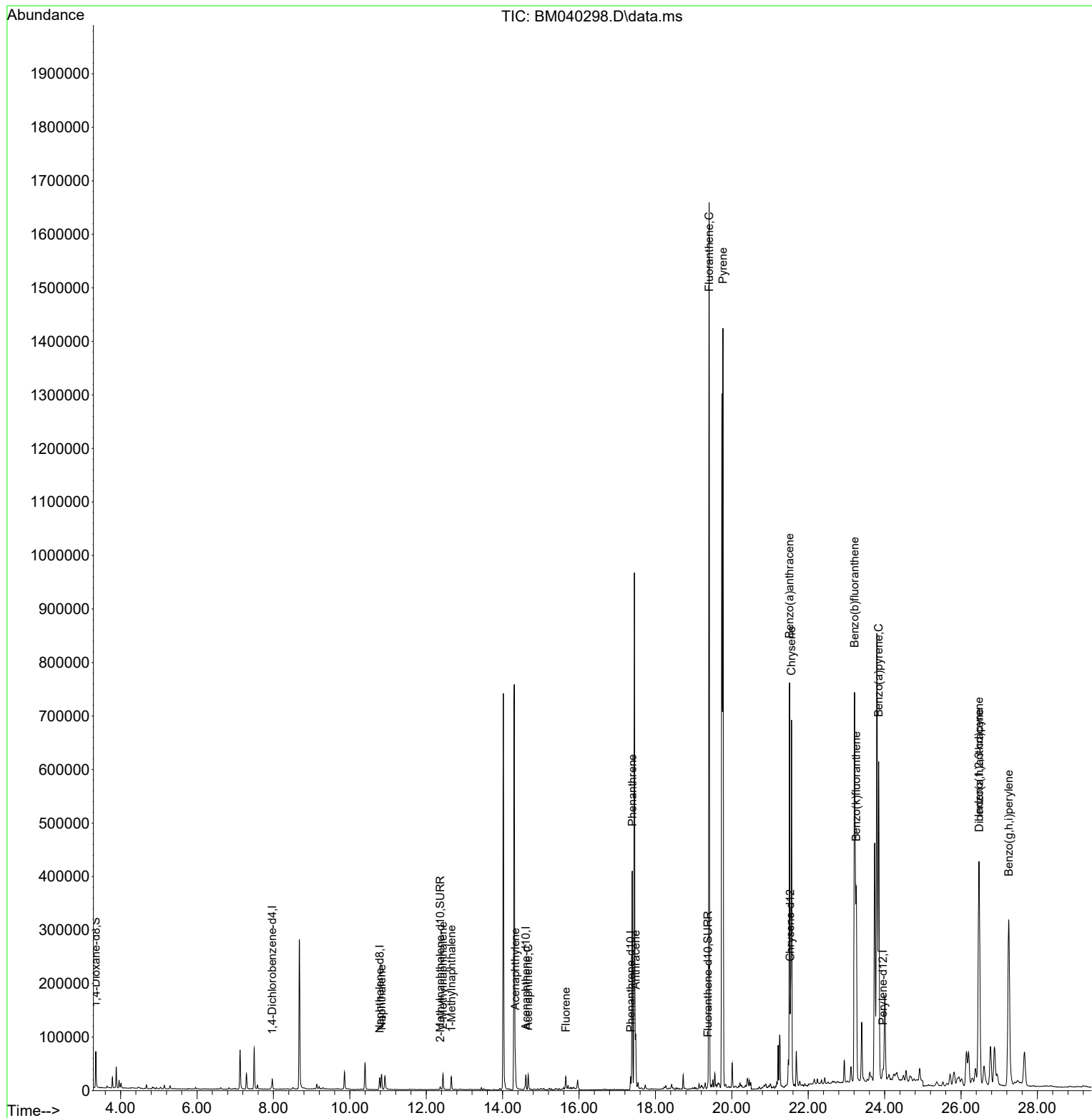
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040298.D
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ALS Vial : 23 Sample Multiplier: 1

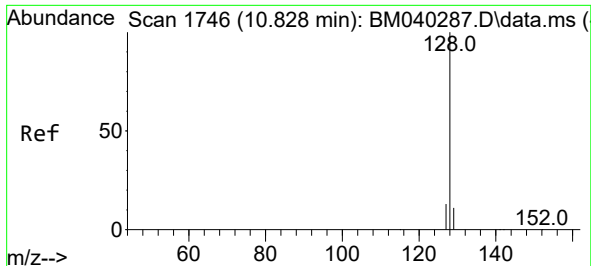
Instrument :
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Quant Time: Jun 17 02:48:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
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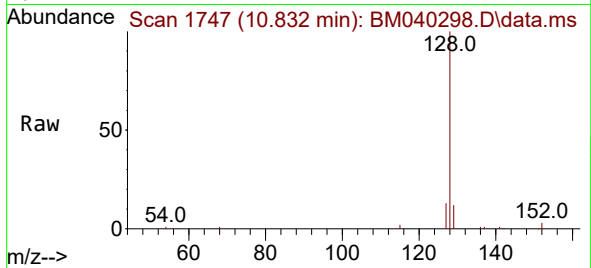
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#5
Naphthalene
Concen: 0.534 ng/ul
RT: 10.832 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

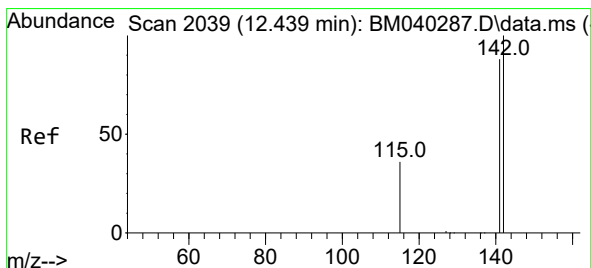
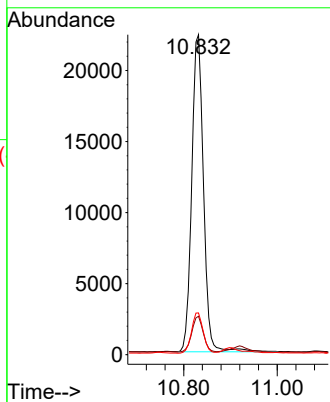
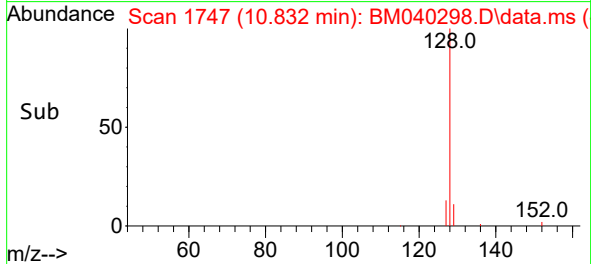
Instrument :
BNA_M
ClientSampleId :
DCFJ0



Tgt Ion:128 Resp: 3908
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.1 10.4 15.6

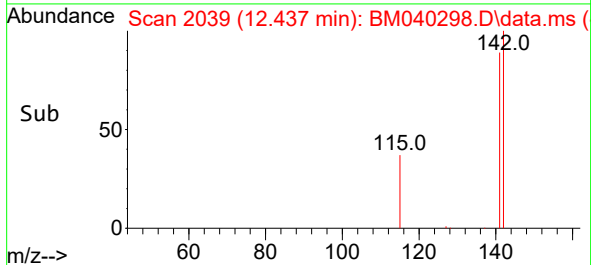
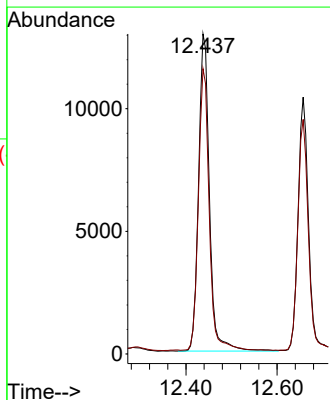
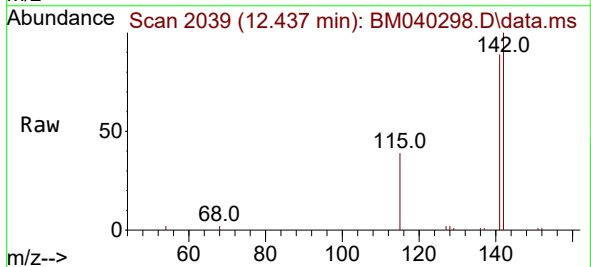
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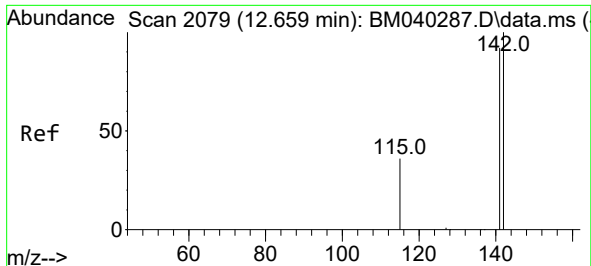
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.437 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

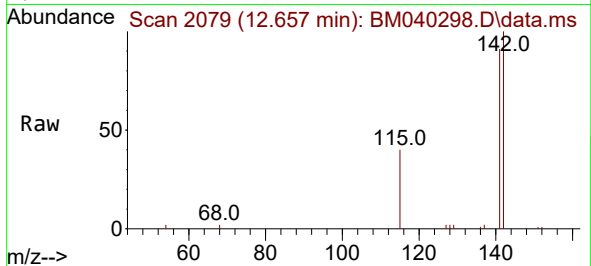
Tgt Ion:142 Resp: 21490
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

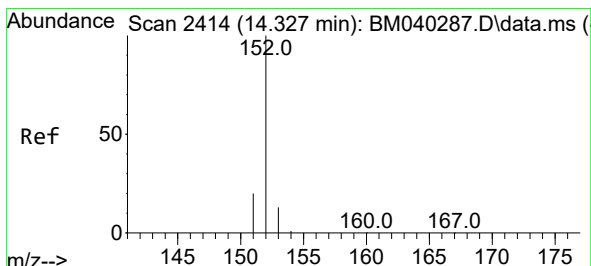
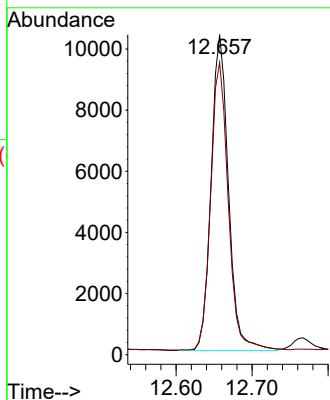
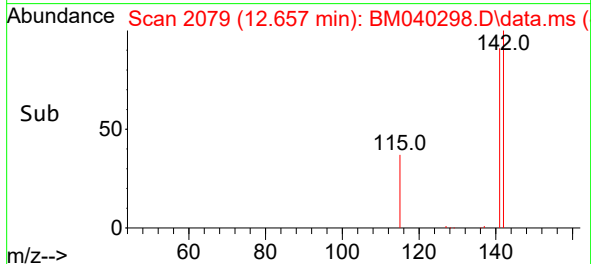
Instrument :
BNA_M
ClientSampleId :
DCFJ0



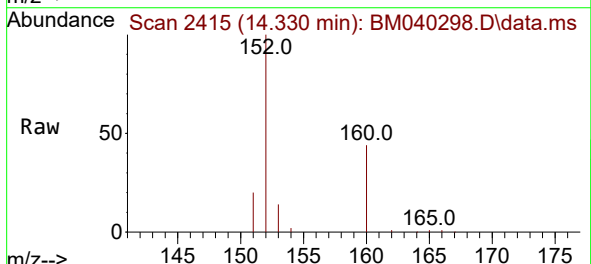
Tgt Ion:142 Resp: 16372
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4

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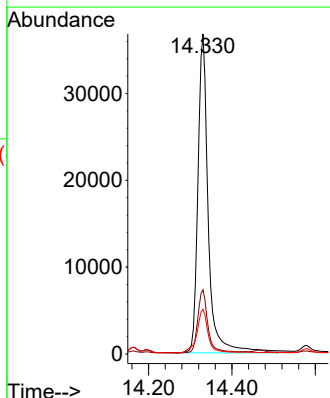
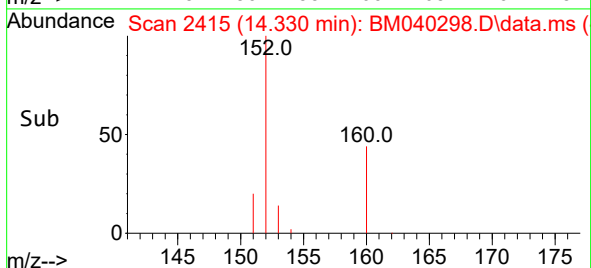
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

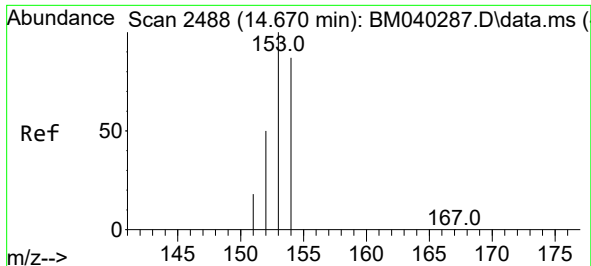


#10
Acenaphthylene
Concen: 1.213 ng/ul
RT: 14.330 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49



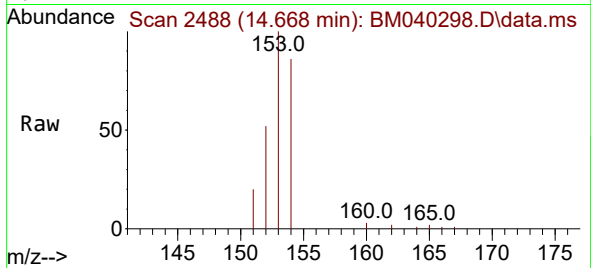
Tgt Ion:152 Resp: 63539
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 14.0 10.7 16.1





#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.668 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

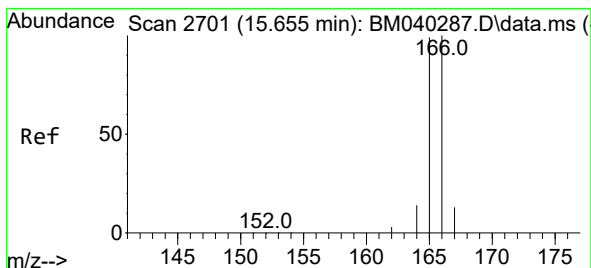
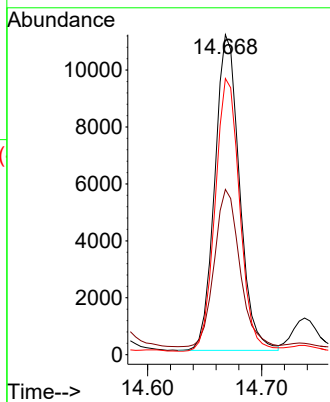
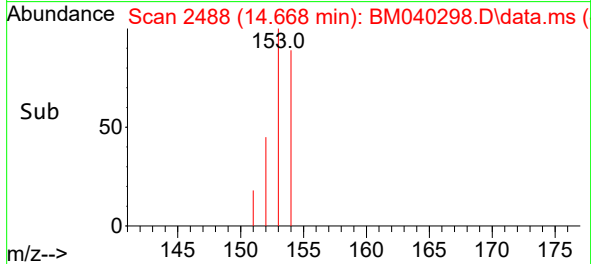
Instrument :
BNA_M
ClientSampleId :
DCFJ0



Tgt Ion:153 Resp: 16680
Ion Ratio Lower Upper
153 100
152 51.6 40.3 60.5
154 86.3 70.5 105.7

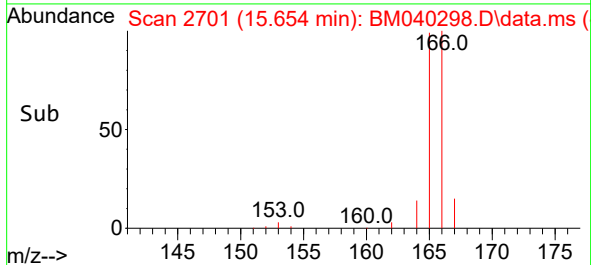
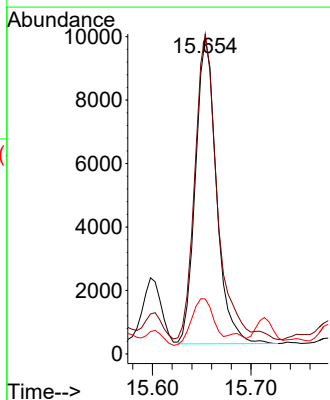
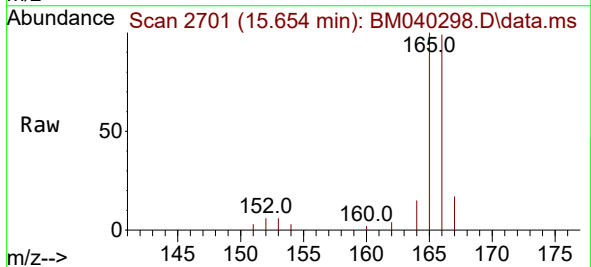
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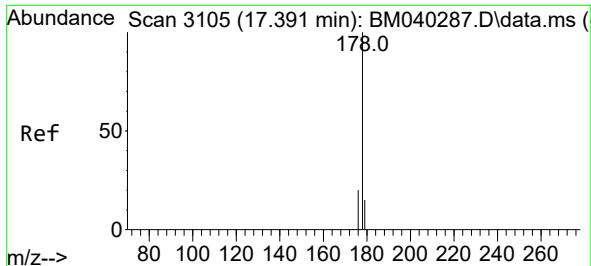
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.654 min Scan# 2701
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

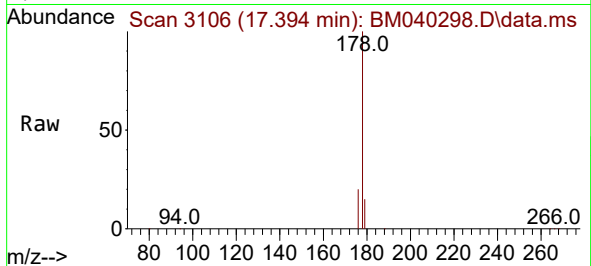
Tgt Ion:166 Resp: 14345
Ion Ratio Lower Upper
166 100
165 101.3 78.2 117.4
167 17.4 11.0 16.4#





#15
Phenanthrene
Concen: 5.965 ng/ul
RT: 17.394 min Scan# 3105
Delta R.T. -0.001 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

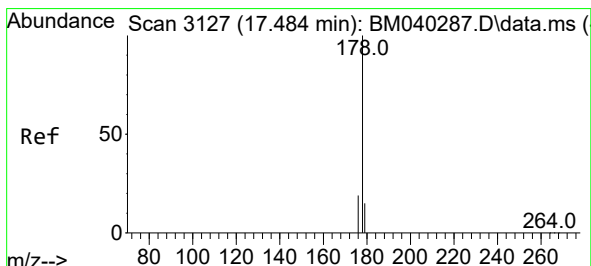
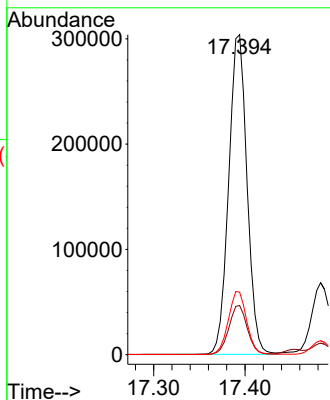
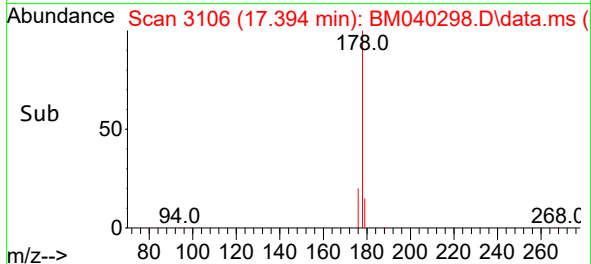
Instrument :
BNA_M
ClientSampleId :
DCFJ0



Tgt Ion:178 Resp: 42332
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 16.1 24.1

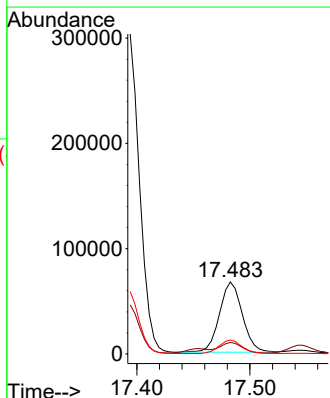
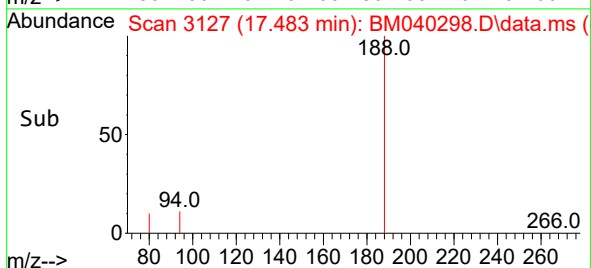
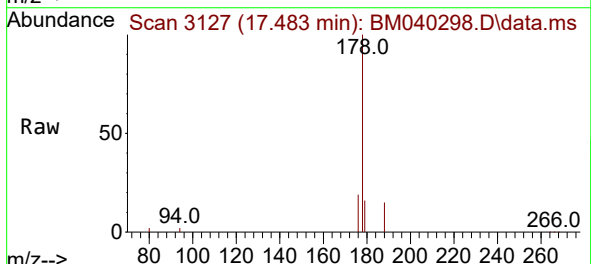
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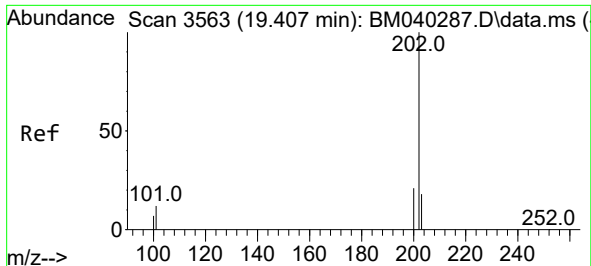
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
Anthracene
Concen: 1.558 ng/ul
RT: 17.483 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

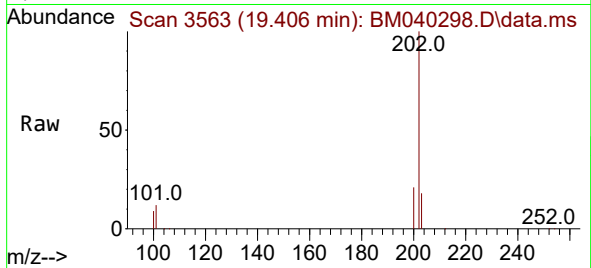
Tgt Ion:178 Resp: 93675
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.4 15.5 23.3





#19
Fluoranthene
Concen: 16.626 ng/ul
RT: 19.406 min Scan# 3563
Delta R.T. -0.001 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

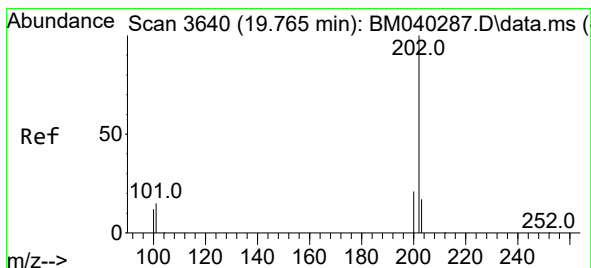
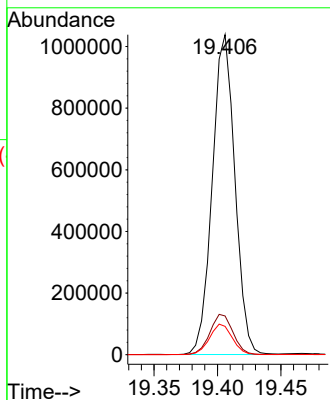
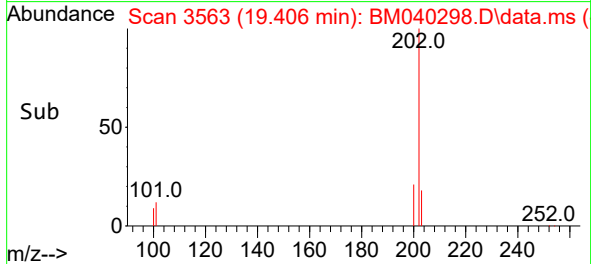
Instrument :
BNA_M
ClientSampleId :
DCFJ0



Tgt Ion:202 Resp: 1287045
Ion Ratio Lower Upper
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101 12.1 10.2 15.4
100 8.9 7.6 11.4

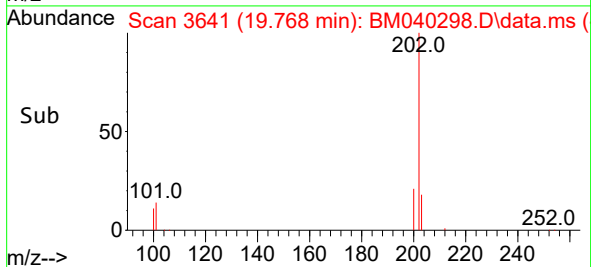
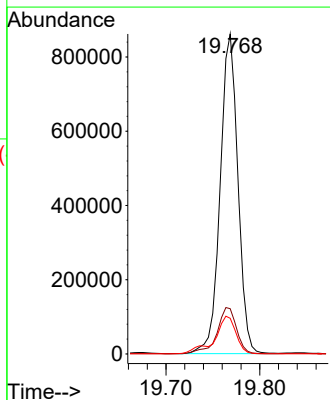
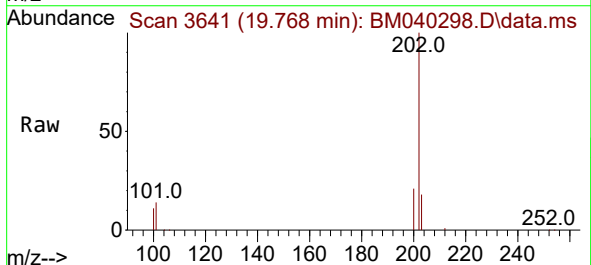
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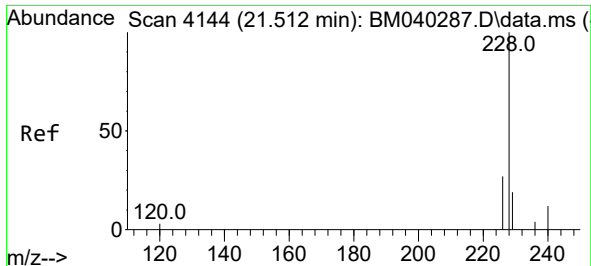
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#20
Pyrene
Concen: 14.063 ng/ul
RT: 19.768 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

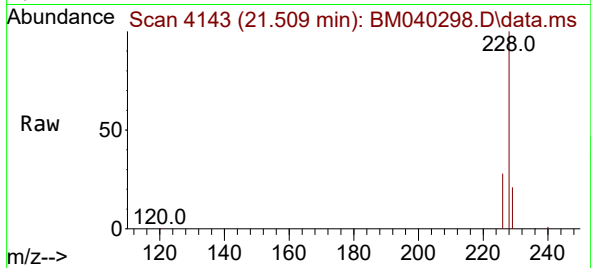
Tgt Ion:202 Resp: 1131093
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.2 9.3 13.9





#21
Benzo(a)anthracene
Concen: 9.066 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

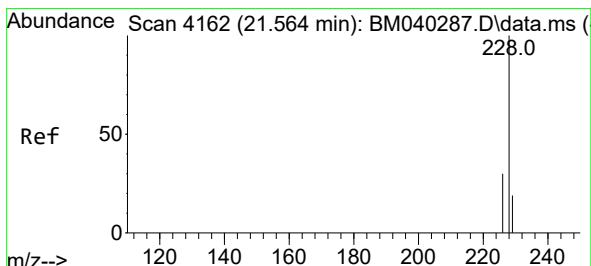
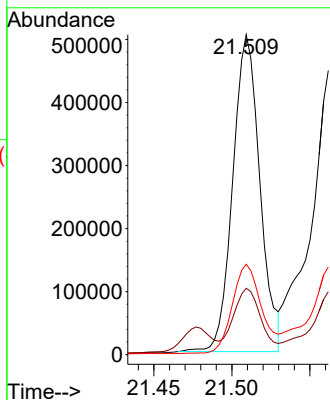
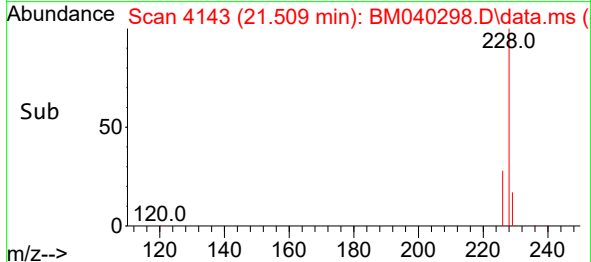
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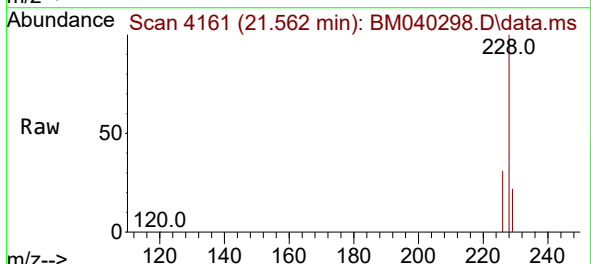
Tgt Ion:228 Resp: 60809
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 28.3 22.0 33.0

Manual Integrations
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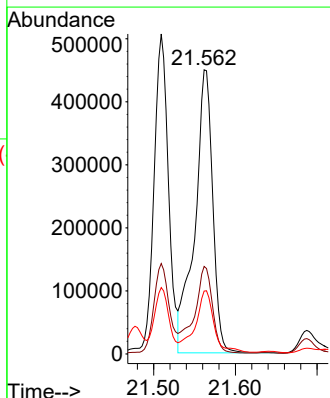
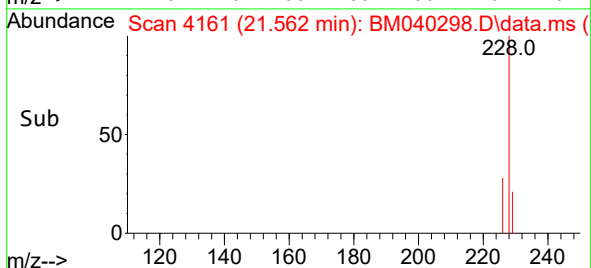
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

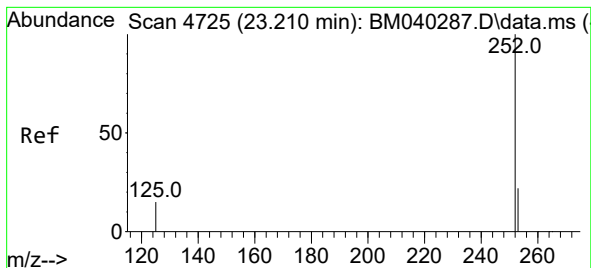


#22
Chrysene
Concen: 9.652 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. -0.008 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49



Tgt Ion:228 Resp: 683893
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.1 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 13.277 ng/ul

RT: 23.213 min Scan# 4725

Delta R.T. -0.003 min

Lab File: BM040298.D

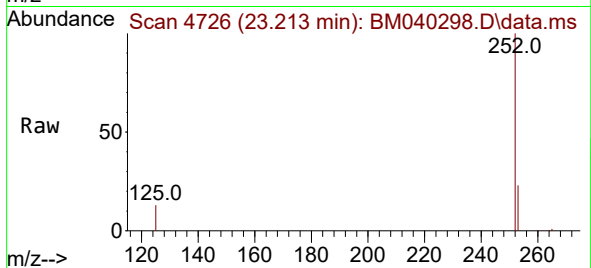
Acq: 17 Jun 2023 01:49

Instrument :

BNA_M

ClientSampleId :

DCFJ0



Tgt Ion:252 Resp: 125643

Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.4

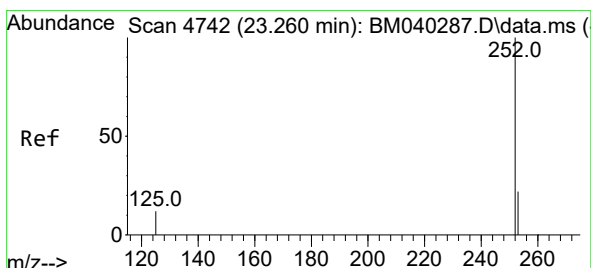
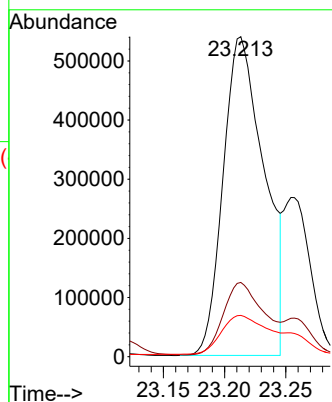
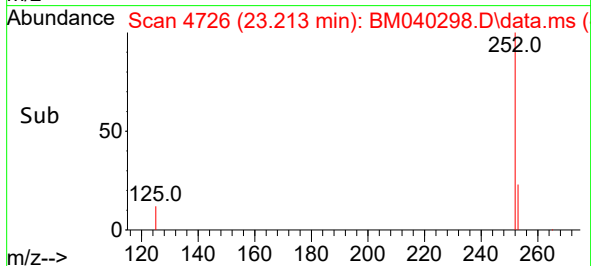
125 12.9 0.0 38.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#25

Benzo(k)fluoranthene

Concen: 4.543 ng/ul m

RT: 23.254 min Scan# 4740

Delta R.T. -0.011 min

Lab File: BM040298.D

Acq: 17 Jun 2023 01:49

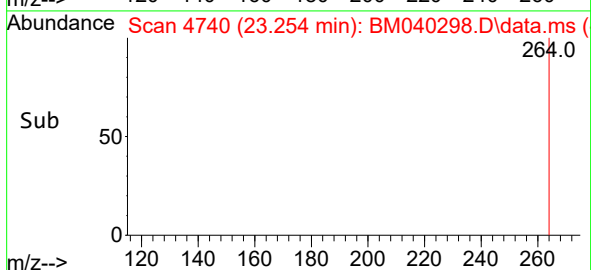
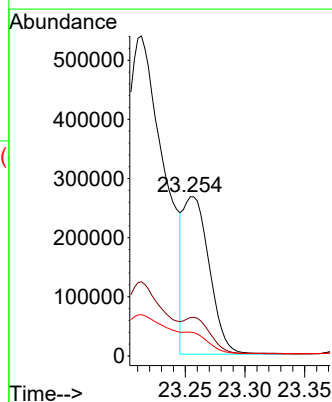
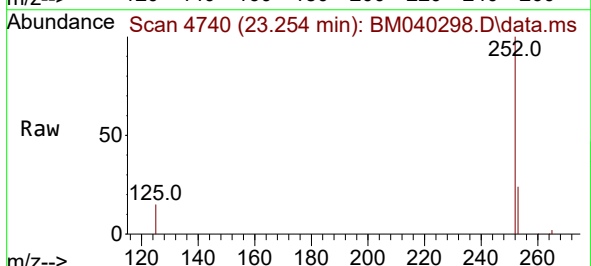
Tgt Ion:252 Resp: 404816

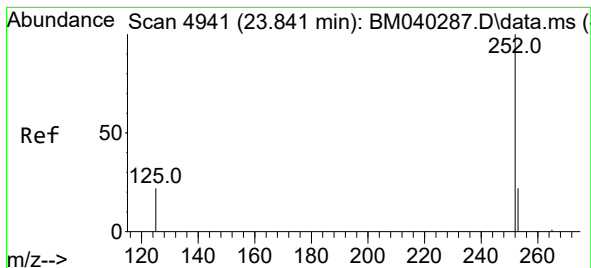
Ion Ratio Lower Upper

252 100

253 24.1 21.5 32.3

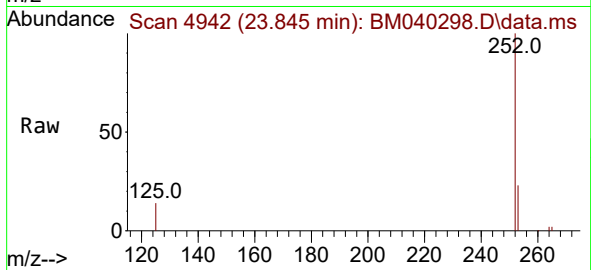
125 15.0 14.7 22.1





#26
Benzo(a)pyrene
Concen: 10.501 ng/ul
RT: 23.845 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

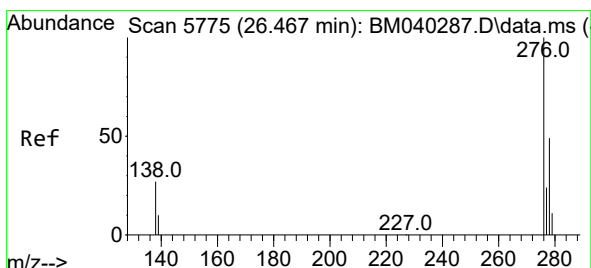
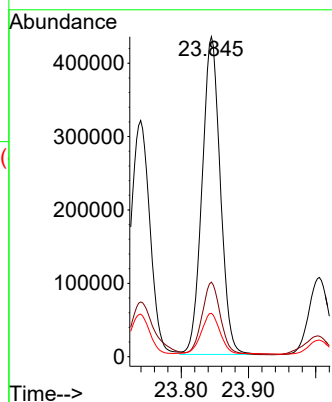
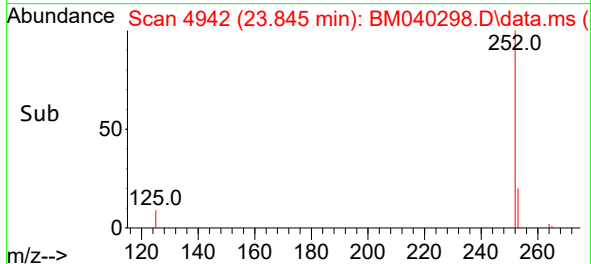
Instrument :
BNA_M
ClientSampleId :
DCFJ0



Tgt Ion:252 Resp: 81539
Ion Ratio Lower Upper
252 100
253 23.3 23.4 35.0
125 13.6 19.7 29.5

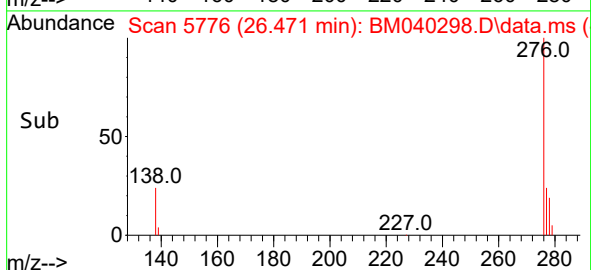
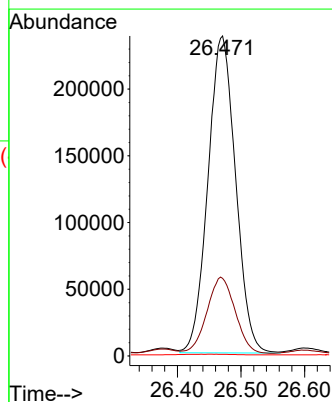
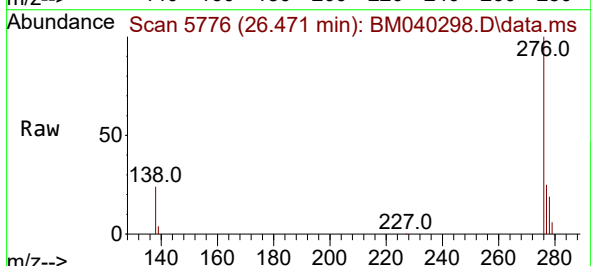
Manual Integrations
APPROVED

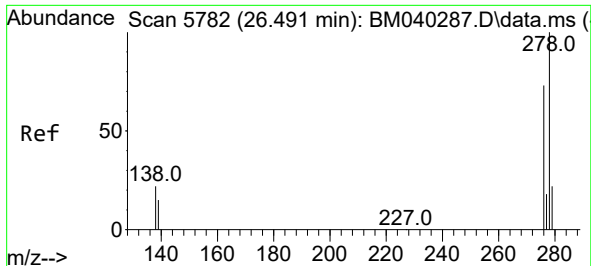
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.299 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.006 min
Lab File: BM040298.D
Acq: 17 Jun 2023 01:49

Tgt Ion:276 Resp: 717407
Ion Ratio Lower Upper
276 100
138 24.4 23.3 34.9
227 0.4 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 2.150 ng/ul

RT: 26.478 min Scan# 5

Delta R.T. -0.020 min

Lab File: BM040298.D

Acq: 17 Jun 2023 01:49

Instrument :

BNA_M

ClientSampleId :

DCFJ0

Tgt Ion:278 Resp: 169658

Ion Ratio Lower Upper

278 100

139 20.9 16.4 24.6

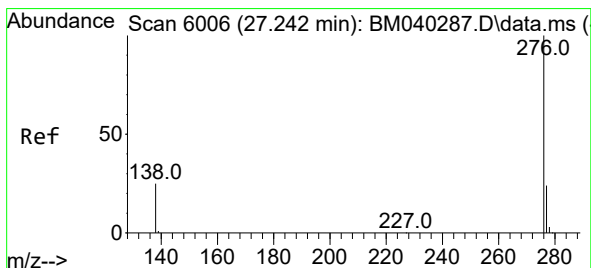
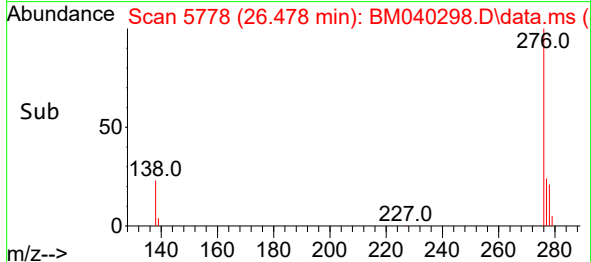
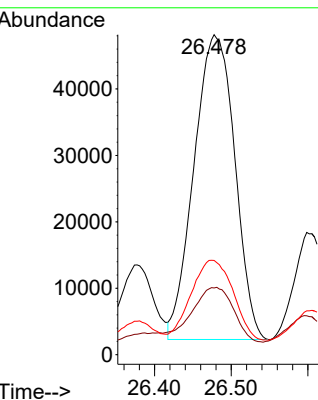
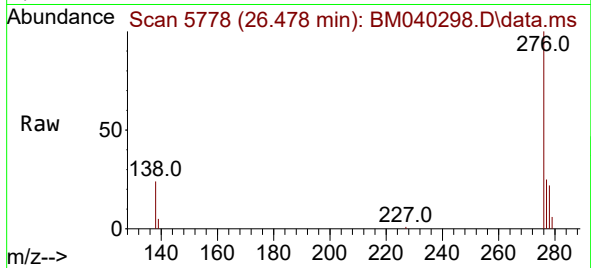
279 29.4 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#29

Benzo(g,h,i)perylene

Concen: 8.262 ng/ul

RT: 27.249 min Scan# 6008

Delta R.T. -0.006 min

Lab File: BM040298.D

Acq: 17 Jun 2023 01:49

Tgt Ion:276 Resp: 678245

Ion Ratio Lower Upper

276 100

138 25.1 21.0 31.4

277 24.2 19.6 29.4

