

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040389.D
 Acq On : 23 Jun 2023 23:29
 Operator : MA/JU
 Sample : 03084-20DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:39:28 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 Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	26671	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13511	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	26367	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	15357	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	12278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	5309	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1371	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2153	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	6442	0.088	ng/ul#	93
7) 2-Methylnaphthalene	12.417	142	4090	0.095	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	2712	0.063	ng/ul	100
10) Acenaphthylene	14.309	152	17871	0.296	ng/ul	98
11) Acenaphthene	14.651	153	1837	0.036	ng/ul	96
12) Fluorene	15.637	166	2685	0.049	ng/ul#	92
15) Phenanthrene	17.374	178	57698	0.704	ng/ul	99
16) Anthracene	17.467	178	14258	0.207	ng/ul	96
19) Fluoranthene	19.389	202	161354	2.473	ng/ul	96
20) Pyrene	19.751	202	135400	1.936	ng/ul	98
21) Benzo(a)anthracene	21.494	228	65626	1.263	ng/ul	98
22) Chrysene	21.550	228	67499	1.139	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	90621	1.907	ng/ul	94
25) Benzo(k)fluoranthene	23.236	252	28766m	0.614	ng/ul	
26) Benzo(a)pyrene	23.815	252	51122	1.194	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.430	276	40842	0.685	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.444	278	10022	0.215	ng/ul#	81
29) Benzo(g,h,i)perylene	27.202	276	38152	0.730	ng/ul	99

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

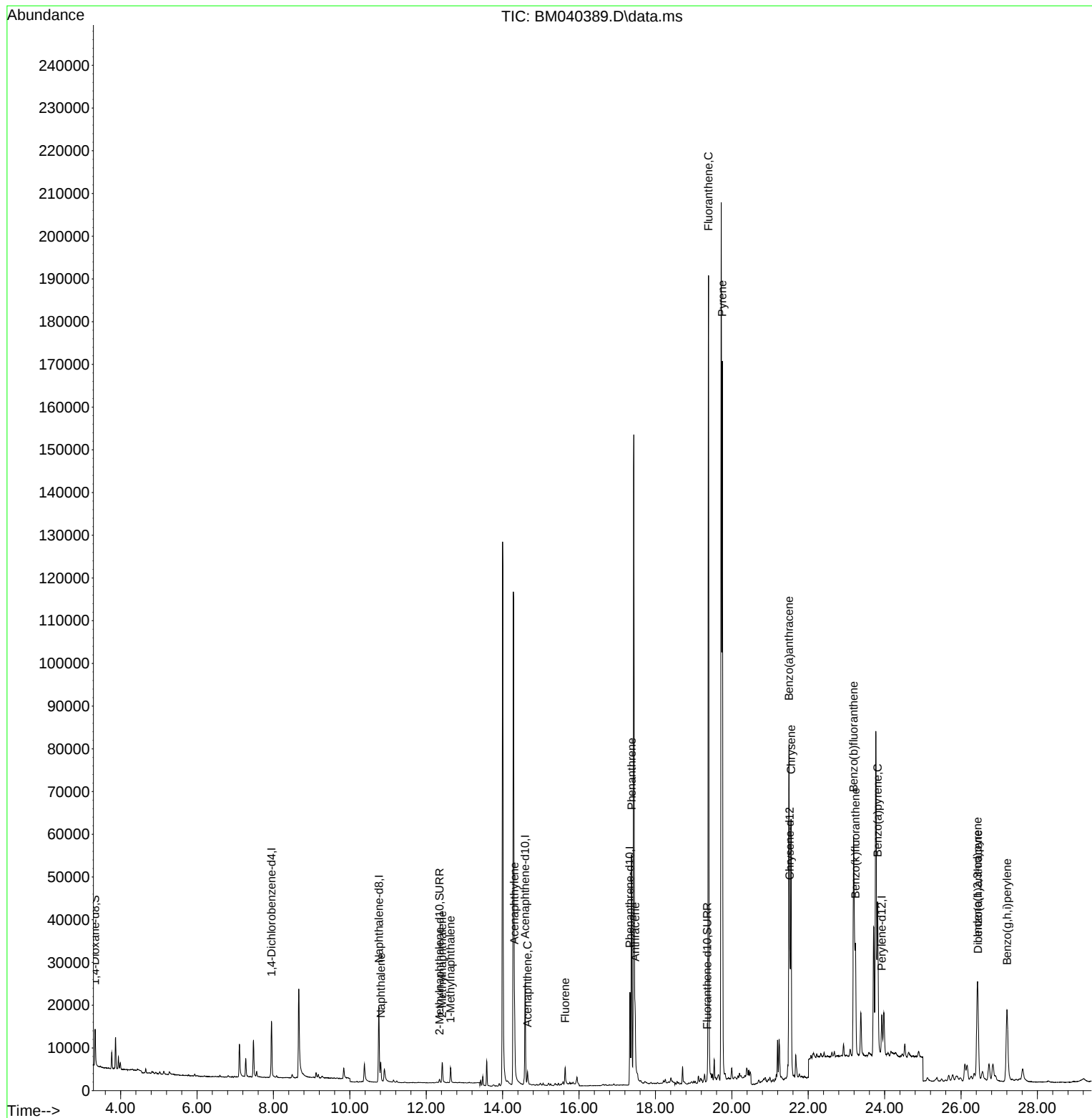
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040389.D
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ALS Vial : 17 Sample Multiplier: 1

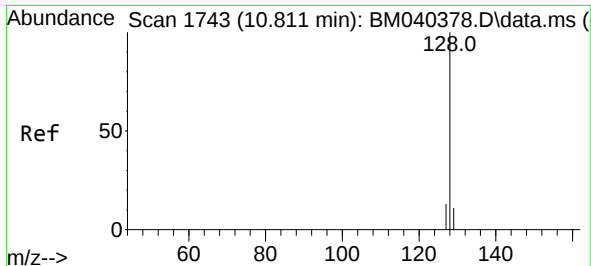
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Quant Time: Jun 24 01:39:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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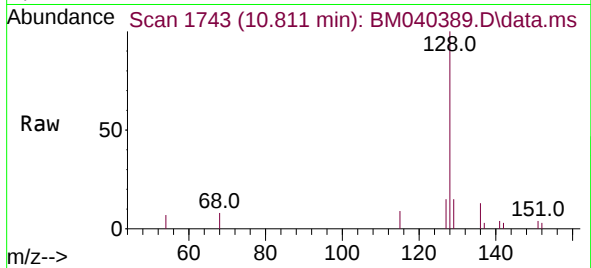
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023





#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

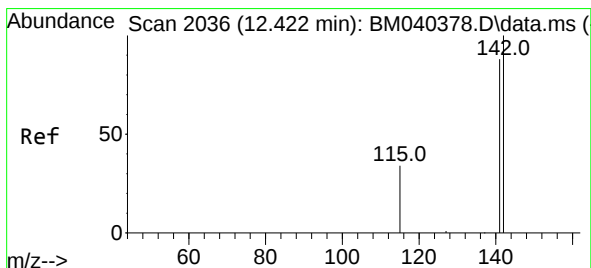
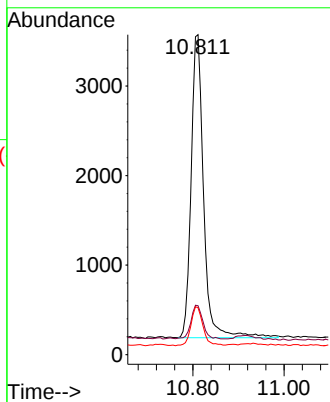
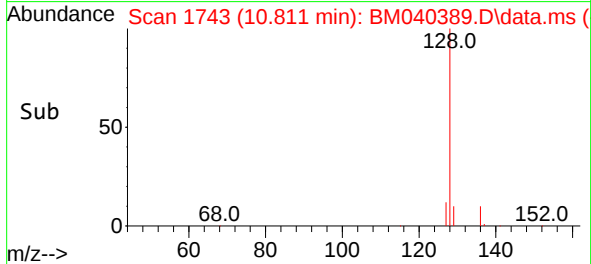
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



Tgt Ion:128 Resp: 6442
Ion Ratio Lower Upper
128 100
129 15.3 9.2 13.8
127 14.7 10.6 15.8

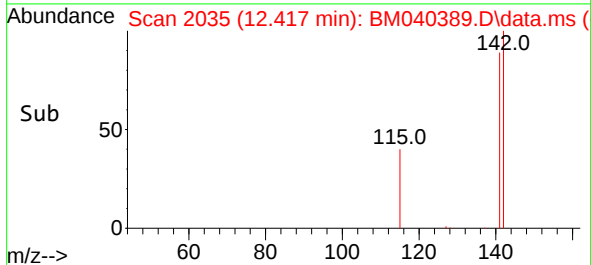
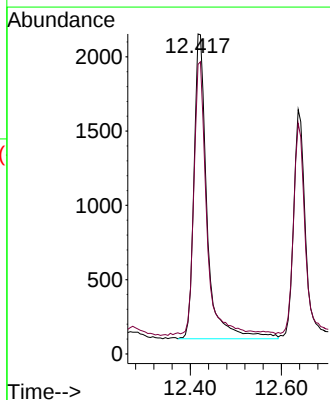
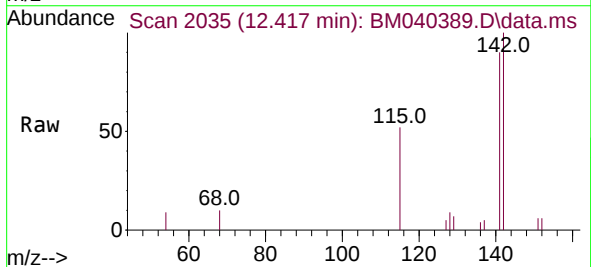
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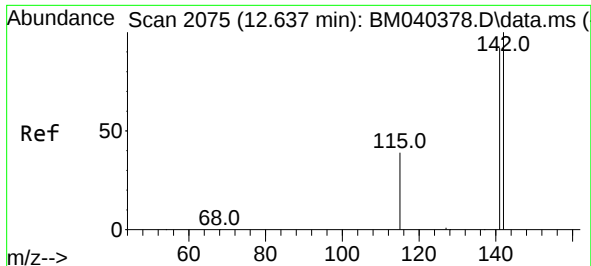
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

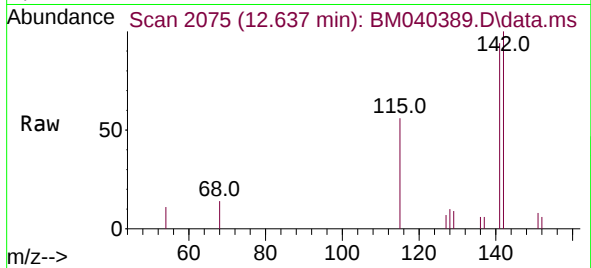
Tgt Ion:142 Resp: 4090
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

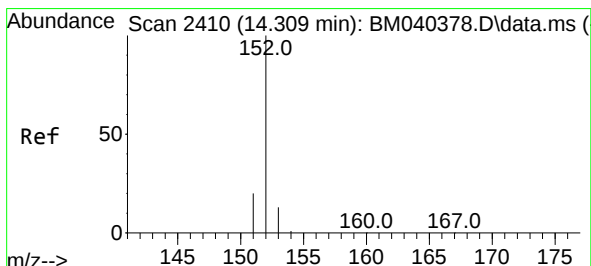
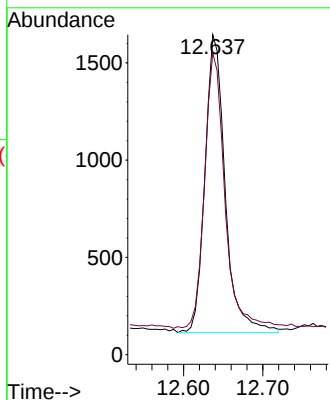
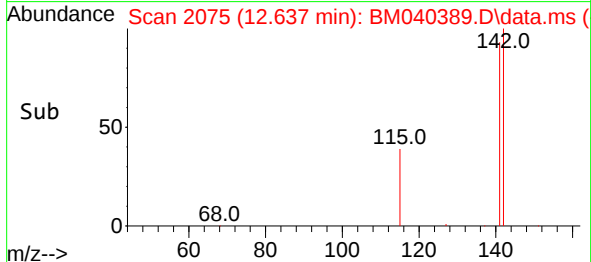
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



Tgt Ion:142 Resp: 2712
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5

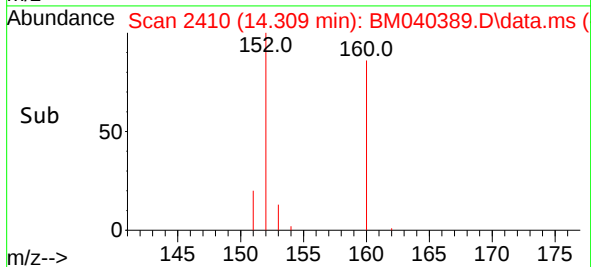
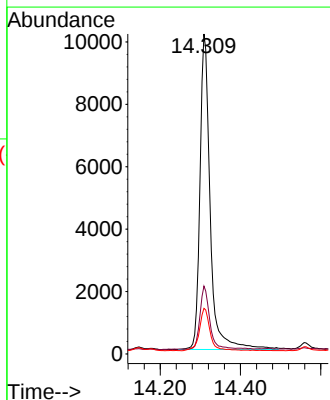
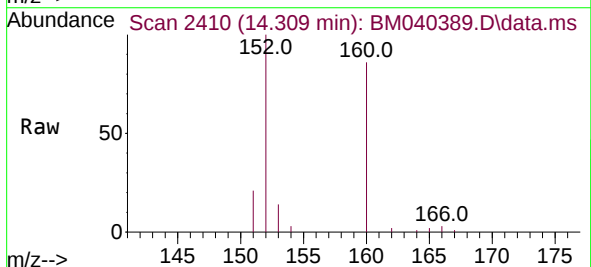
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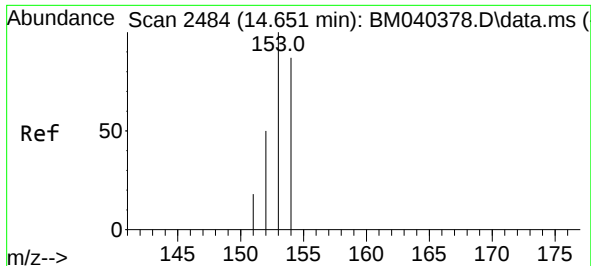
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

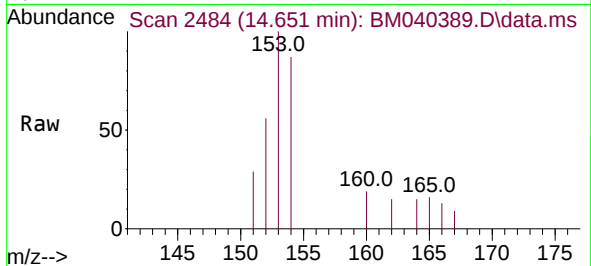
Tgt Ion:152 Resp: 17871
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

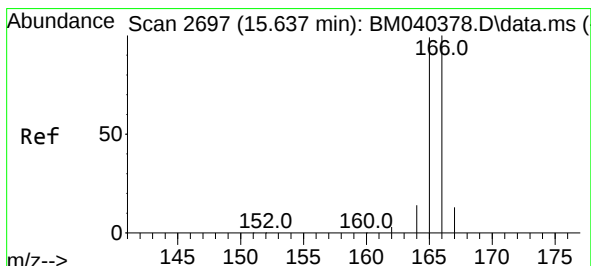
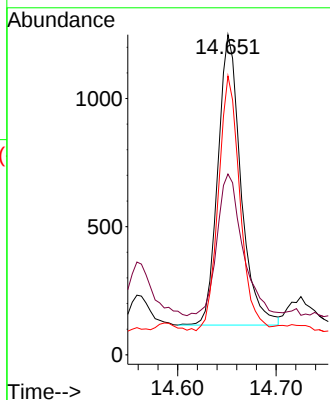
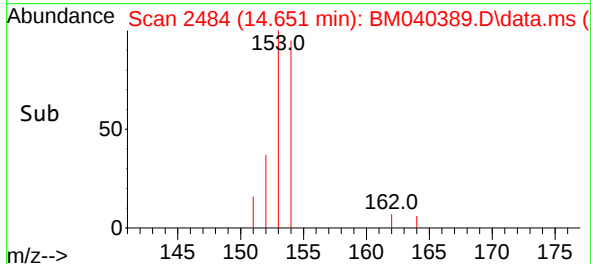
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



Tgt Ion:153 Resp: 183
Ion Ratio Lower Upper
153 100
152 56.4 41.0 61.4
154 87.1 70.8 106.2

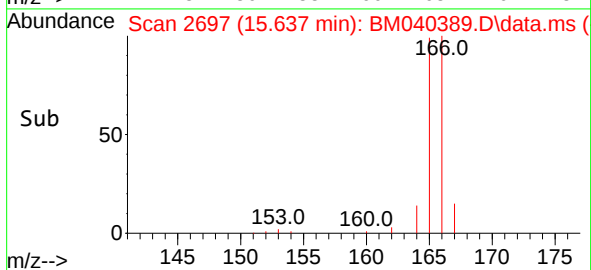
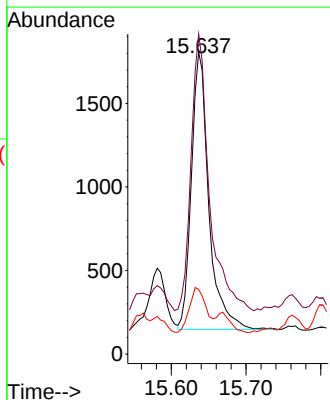
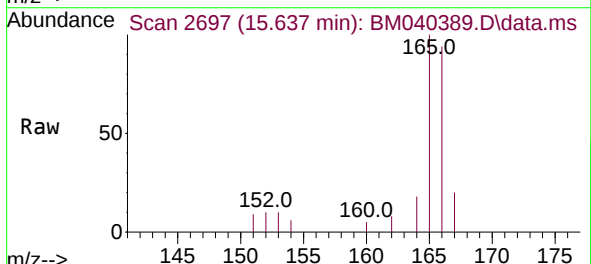
Manual Integrations
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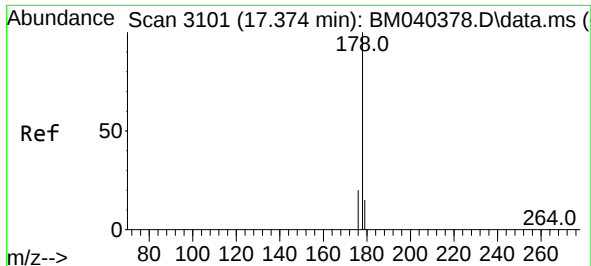
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.049 ng/u1
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

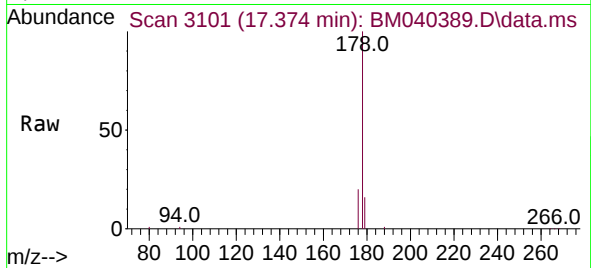
Tgt Ion:166 Resp: 2685
Ion Ratio Lower Upper
166 100
165 105.9 79.6 119.4
167 21.4 11.4 17.0#





#15
Phenanthrene
Concen: 0.704 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

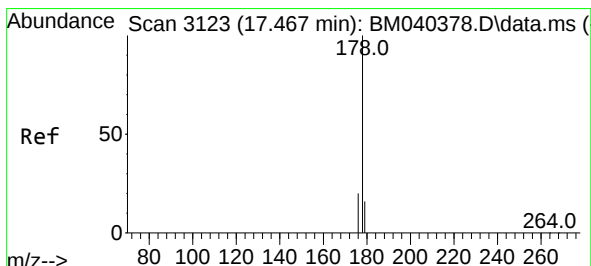
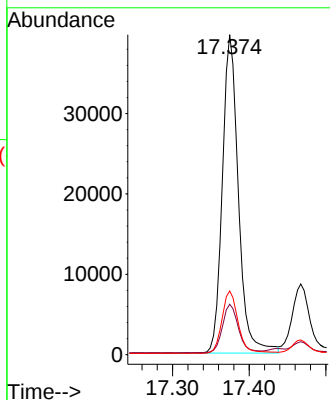
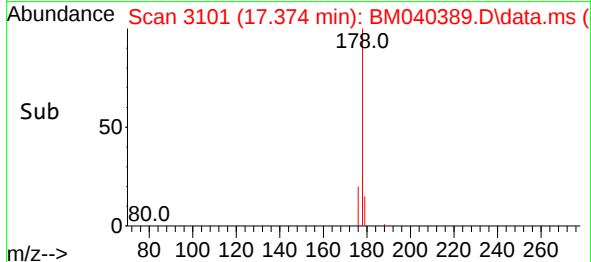
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



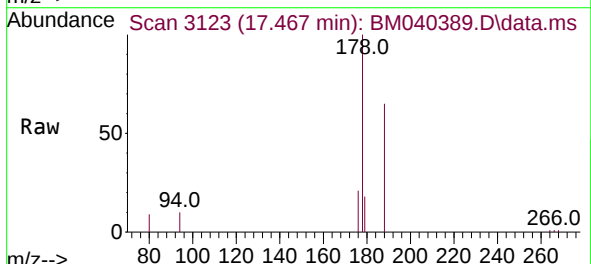
Tgt Ion:178 Resp: 57698
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.9 16.4 24.6

Manual Integrations
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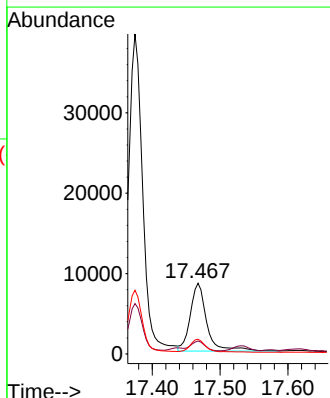
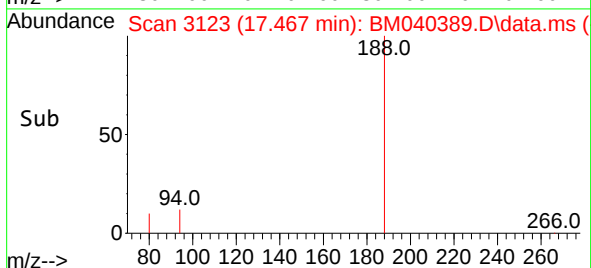
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

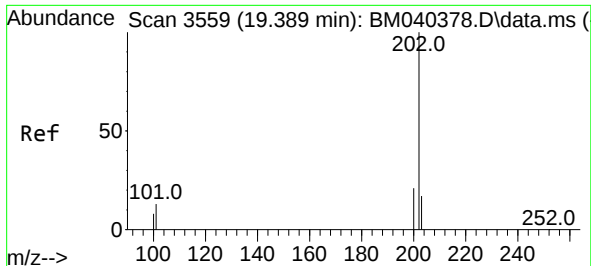


#16
Anthracene
Concen: 0.207 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29



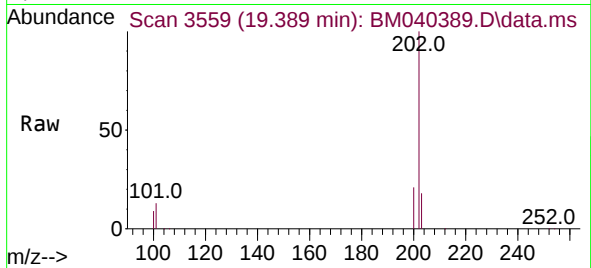
Tgt Ion:178 Resp: 14258
Ion Ratio Lower Upper
178 100
179 18.3 12.9 19.3
176 20.9 15.8 23.6





#19
Fluoranthene
Concen: 2.473 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

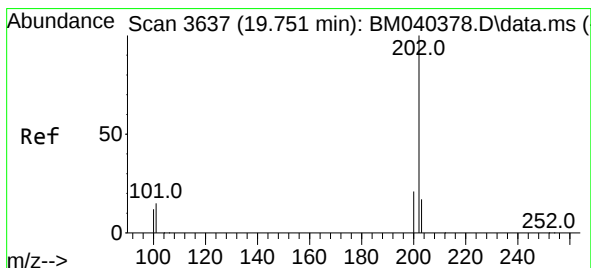
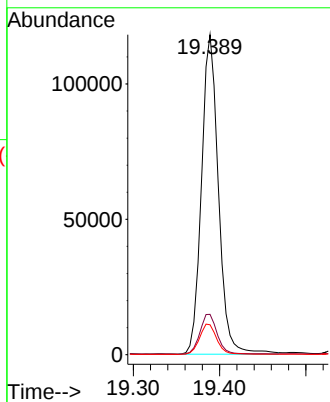
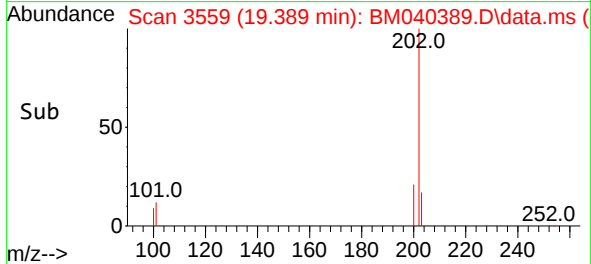
Instrument :
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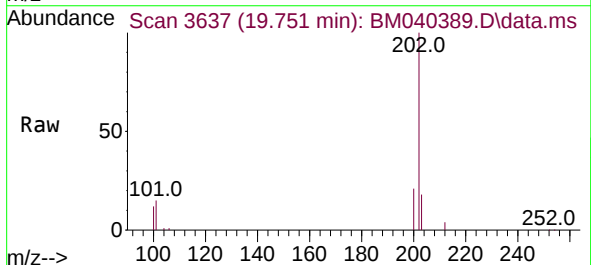
Tgt Ion:202 Resp: 161354
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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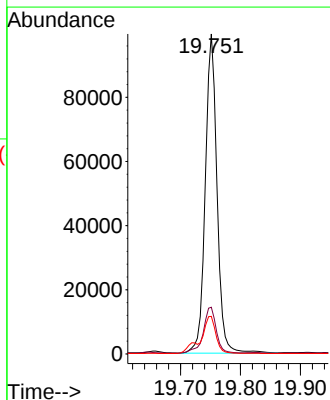
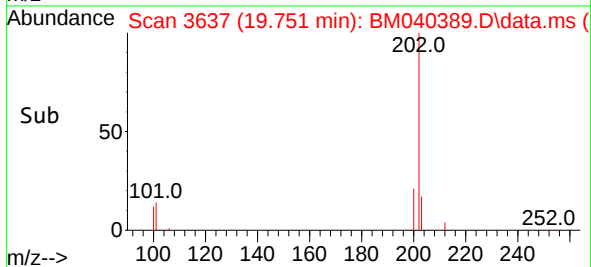
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

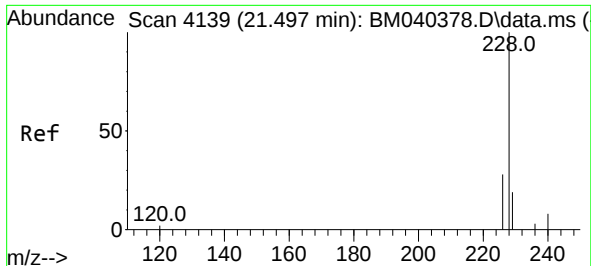


#20
Pyrene
Concen: 1.936 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29



Tgt Ion:202 Resp: 135400
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.7 9.8 14.6





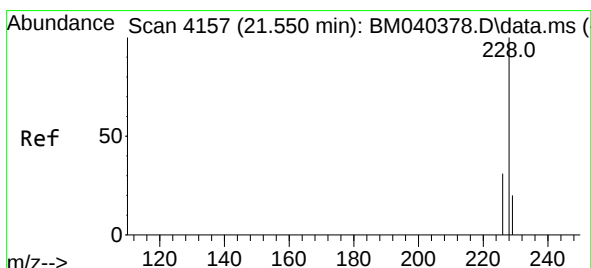
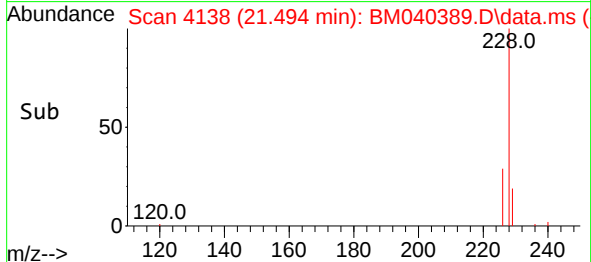
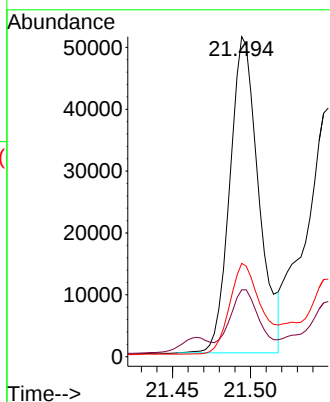
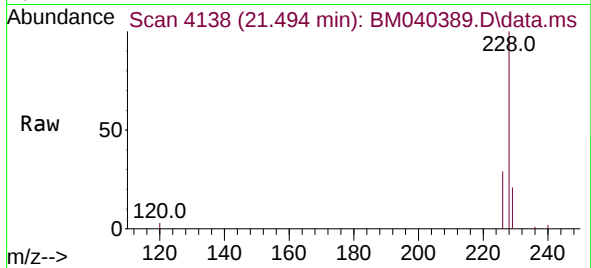
#21
Benzo(a)anthracene
Concen: 1.263 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

Instrument :
BNA_M
ClientSampleId :
DCFQ7DL

Tgt Ion:228 Resp: 65620
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 29.2 22.3 33.5

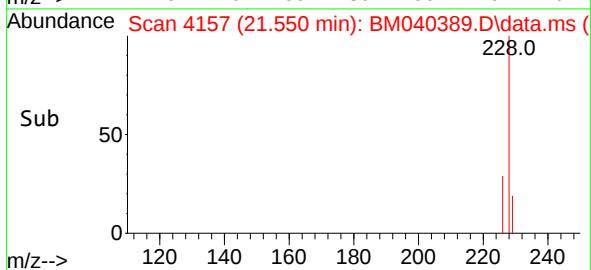
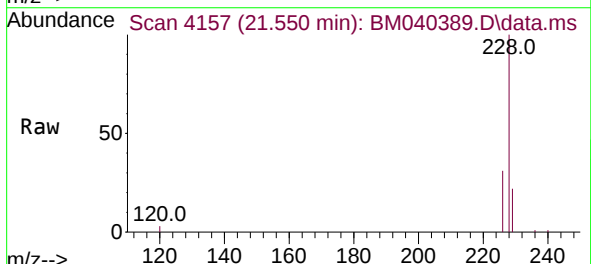
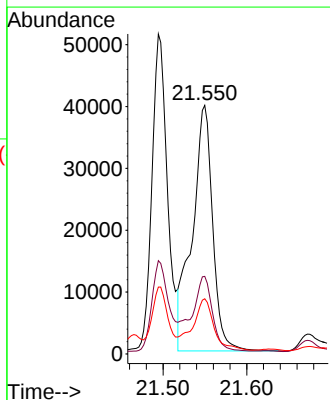
Manual Integrations
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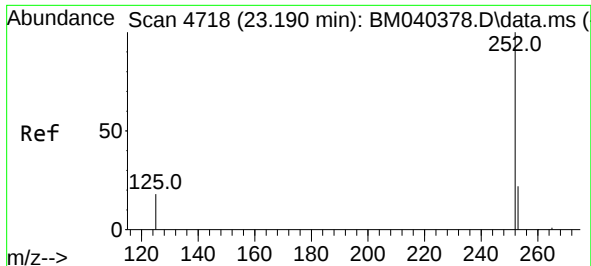
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 1.139 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

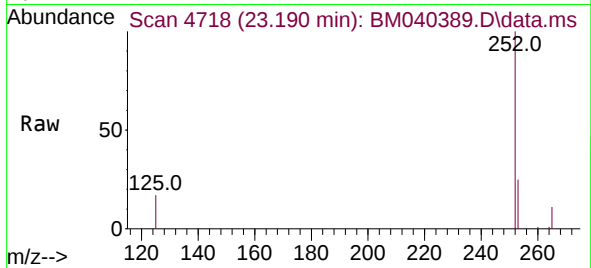
Tgt Ion:228 Resp: 67499
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.907 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

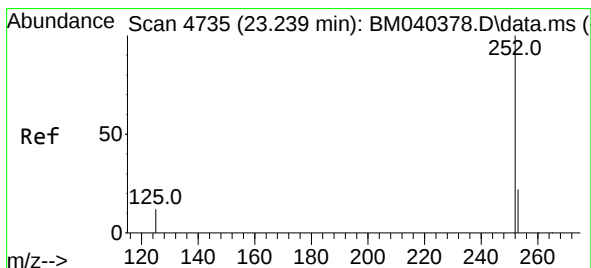
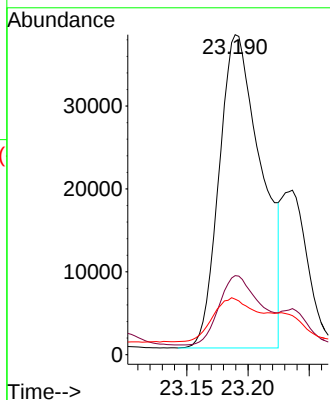
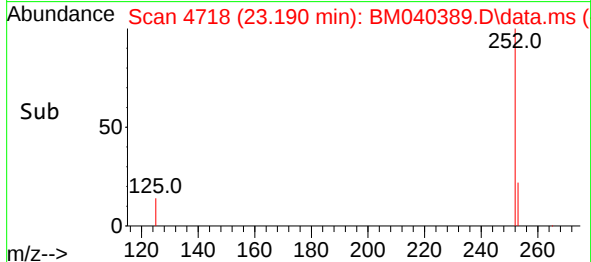
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



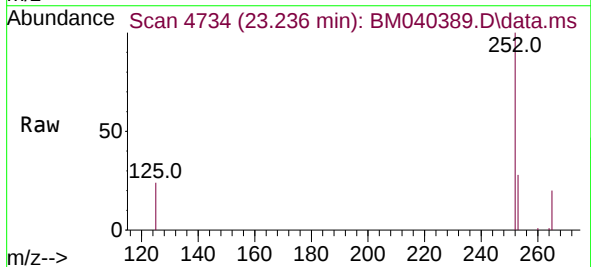
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Ion Ratio Lower Upper
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253 24.7 0.0 52.8
125 17.4 0.0 43.0

Manual Integrations
APPROVED

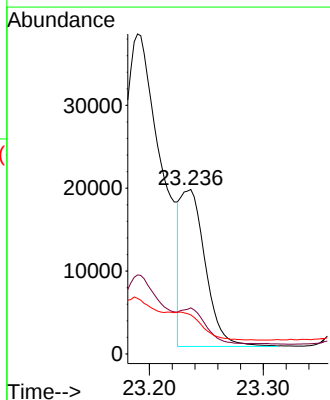
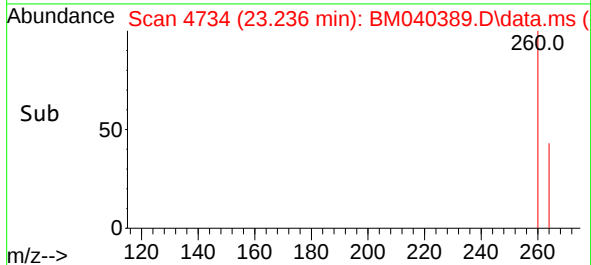
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

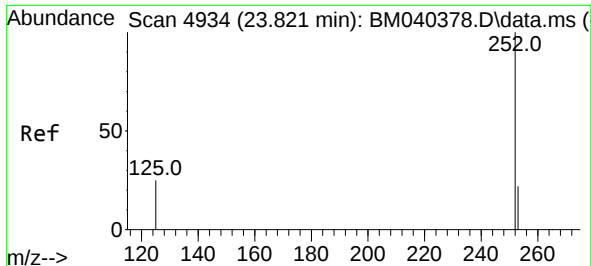


#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29



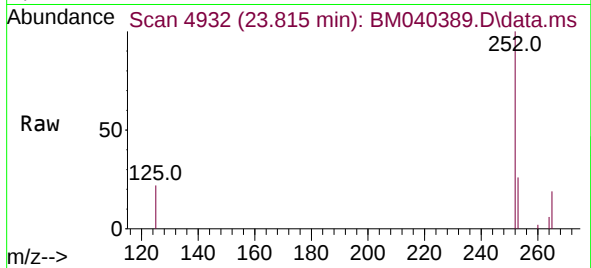
Tgt Ion:252 Resp: 28766
Ion Ratio Lower Upper
252 100
253 28.0 21.2 31.8
125 23.8 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.194 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29

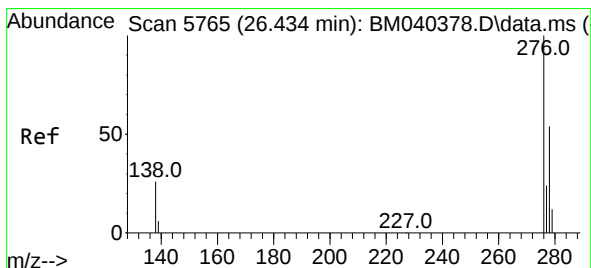
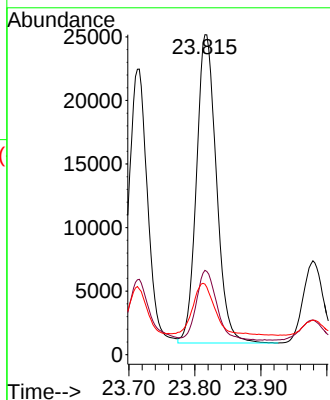
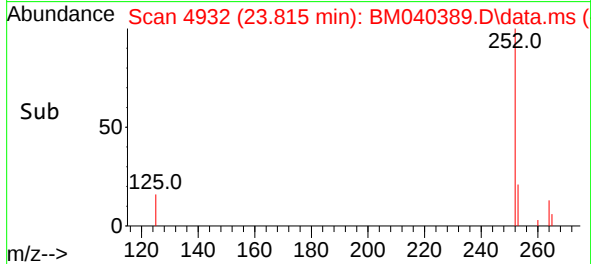
Instrument :
BNA_M
ClientSampleId :
DCFQ7DL



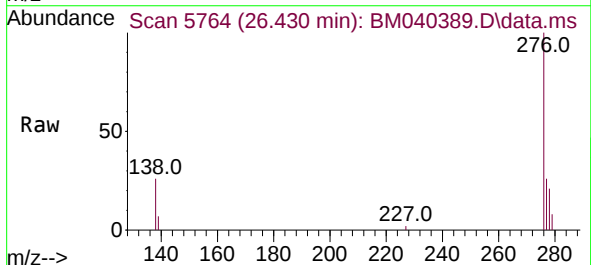
Tgt Ion:252 Resp: 5112
Ion Ratio Lower Upper
252 100
253 26.4 22.9 34.3
125 22.0 21.0 31.4

Manual Integrations
APPROVED

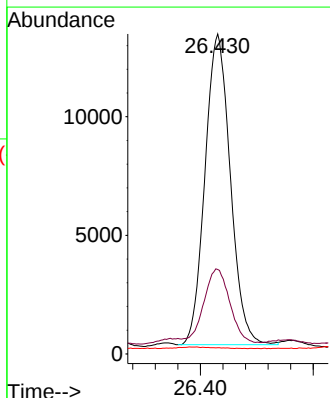
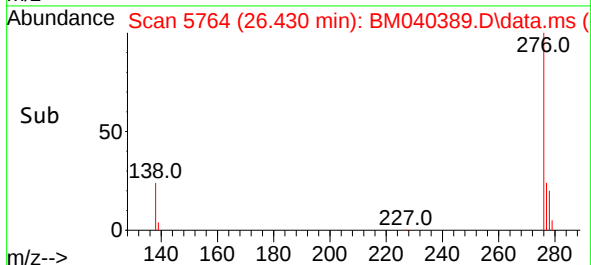
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

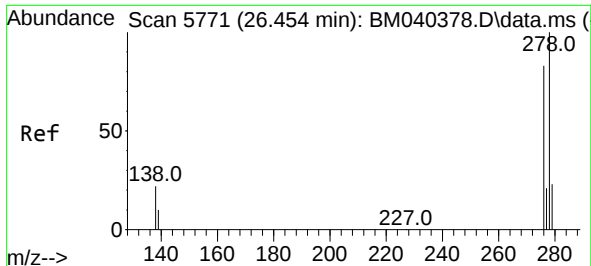


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.685 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040389.D
Acq: 23 Jun 2023 23:29



Tgt Ion:276 Resp: 40842
Ion Ratio Lower Upper
276 100
138 24.9 24.5 36.7
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.215 ng/ul

RT: 26.444 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040389.D

Acq: 23 Jun 2023 23:29

Instrument :

BNA_M

ClientSampleId :

DCFQ7DL

Tgt Ion:278 Resp: 1002

Ion Ratio Lower Upper

278 100

139 29.6 17.9 26.9

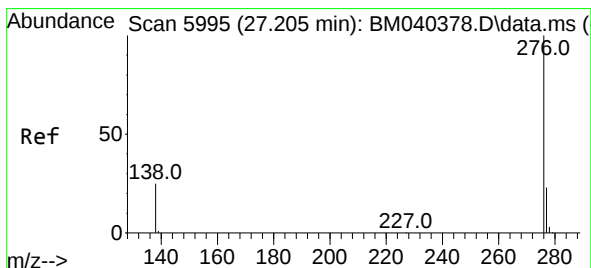
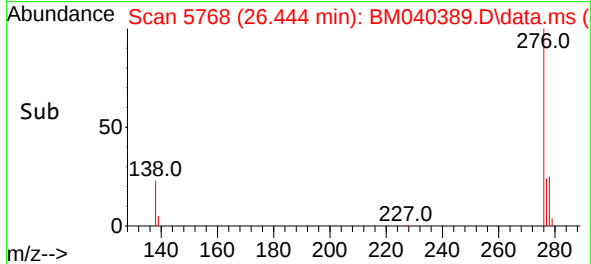
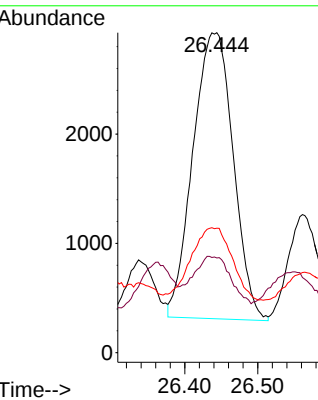
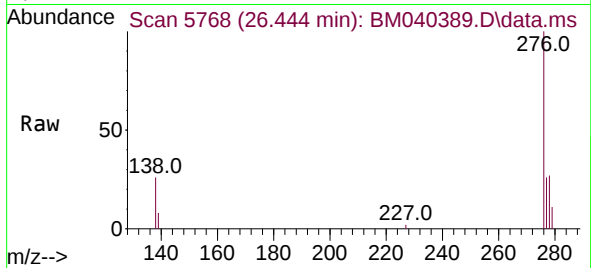
279 38.9 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2023

Supervised By :mohammad ahmed 06/27/2023



#29

Benzo(g,h,i)perylene

Concen: 0.730 ng/ul

RT: 27.202 min Scan# 5994

Delta R.T. -0.003 min

Lab File: BM040389.D

Acq: 23 Jun 2023 23:29

Tgt Ion:276 Resp: 38152

Ion Ratio Lower Upper

276 100

138 27.8 23.0 34.6

277 25.3 20.3 30.5

