

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
 Data File : BM040249.D
 Acq On : 14 Jun 2023 22:30
 Operator : MA/JU
 Sample : 03088-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 00:52:44 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	11395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	42140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	23240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	43260	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	27695	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	24623	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	20277	1.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5170	0.097	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	8143	0.118	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	31806	0.319	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	7159	0.115	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	3840	0.059	ng/ul	97
10) Acenaphthylene	14.332	152	23596	0.290	ng/ul	99
11) Acenaphthene	14.670	153	6287	0.090	ng/ul	98
12) Fluorene	15.655	166	11591	0.149	ng/ul	98
15) Phenanthrene	17.391	178	183341	1.612	ng/ul	99
16) Anthracene	17.484	178	34741	0.361	ng/ul	99
19) Fluoranthene	19.407	202	324917	3.444	ng/ul	97
20) Pyrene	19.770	202	118128	1.205	ng/ul	98
21) Benzo(a)anthracene	21.509	228	128031	1.566	ng/ul	99
22) Chrysene	21.564	228	121889	1.411	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	173747	1.914	ng/ul	94
25) Benzo(k)fluoranthene	23.257	252	65525m	0.767	ng/ul	
26) Benzo(a)pyrene	23.842	252	25076	0.337	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.464	276	36083	0.383	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.474	278	21324	0.282	ng/ul#	89

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

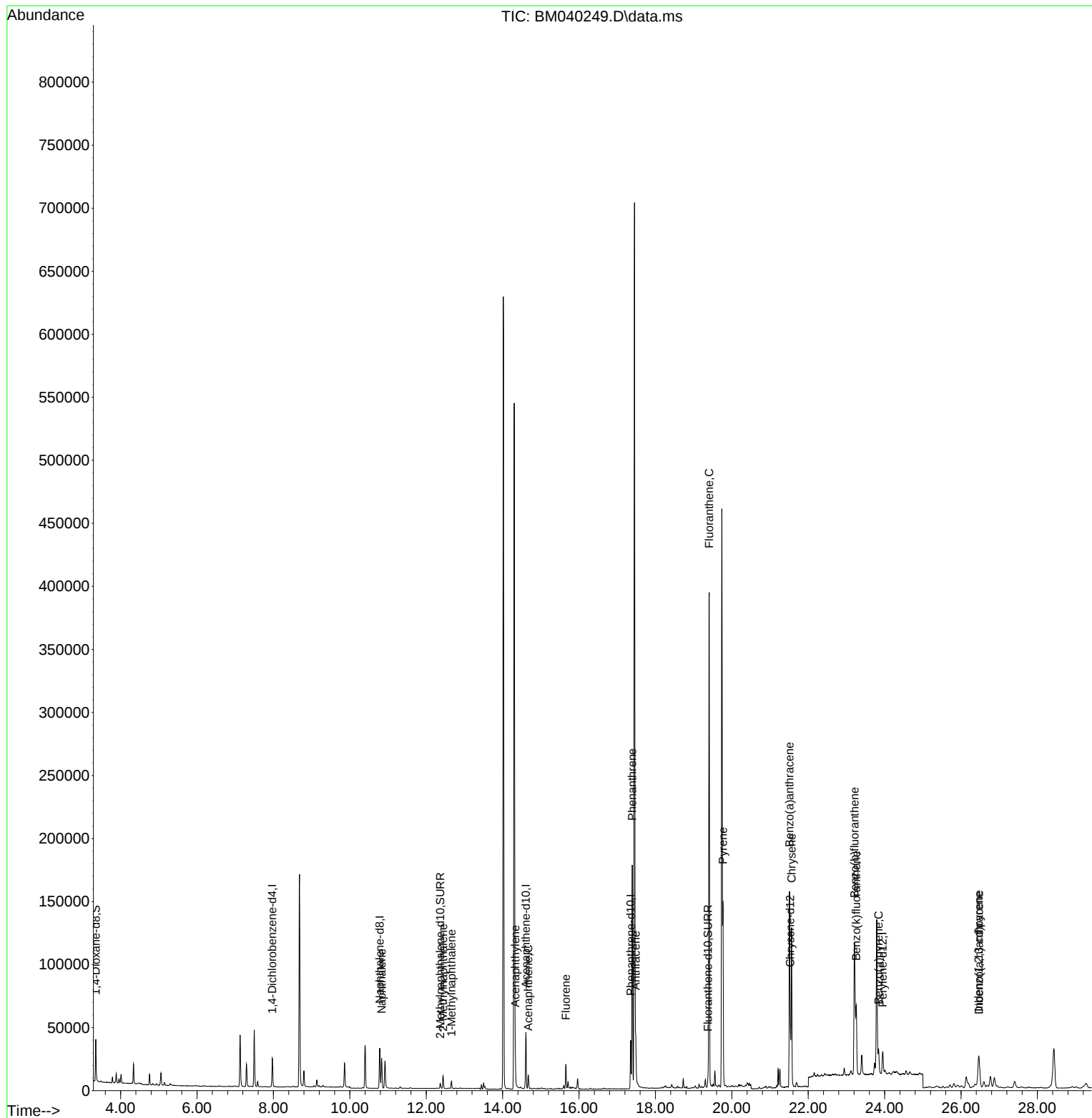
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
Data File : BM040249.D
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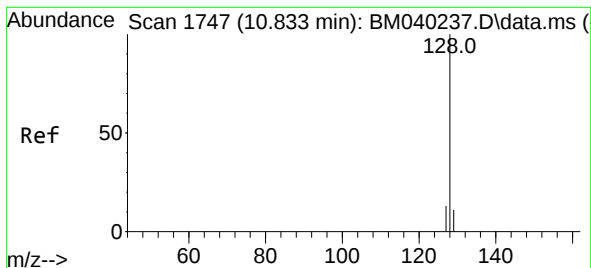
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#5

Naphthalene

Concen: 0.319 ng/ul

RT: 10.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM040249.D

Acq: 14 Jun 2023 22:30

Instrument :

BNA_M

ClientSampleId :

DCFR8

Tgt Ion:128 Resp: 31800

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

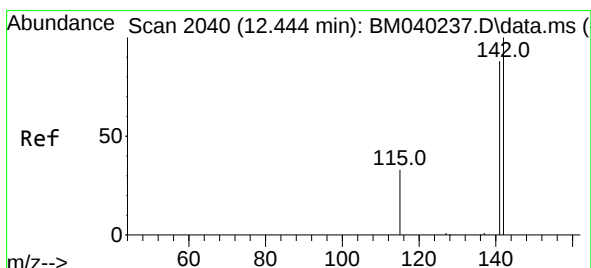
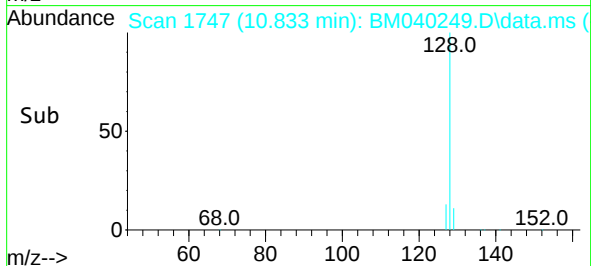
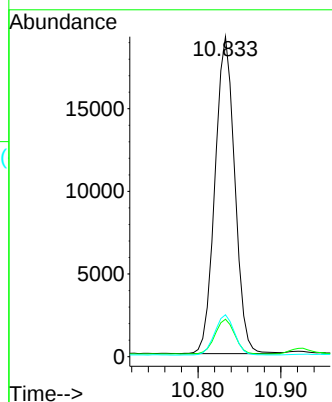
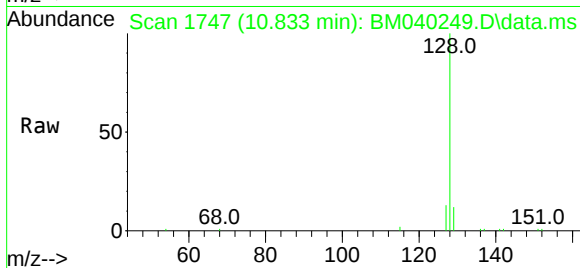
127 13.1 10.4 15.6

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#7

2-Methylnaphthalene

Concen: 0.115 ng/ul

RT: 12.439 min Scan# 2039

Delta R.T. -0.005 min

Lab File: BM040249.D

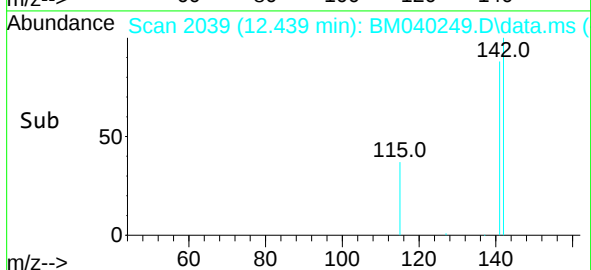
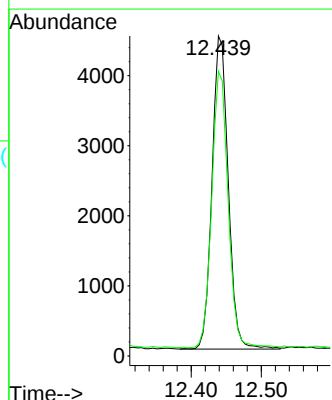
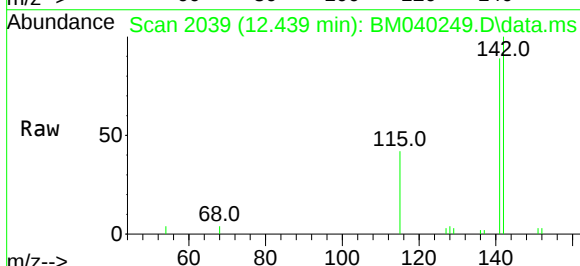
Acq: 14 Jun 2023 22:30

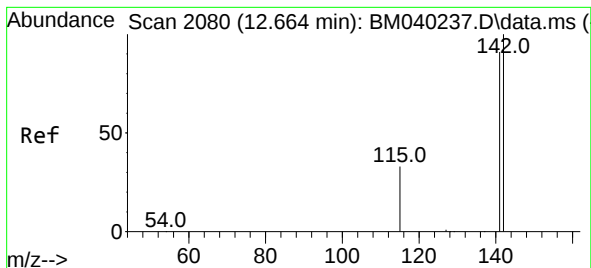
Tgt Ion:142 Resp: 7159

Ion Ratio Lower Upper

142 100

141 89.3 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.059 ng/u1

RT: 12.659 min Scan# 2080

Delta R.T. -0.005 min

Lab File: BM040249.D

Acq: 14 Jun 2023 22:30

Instrument :

BNA_M

ClientSampleId :

DCFR8

Tgt Ion:142 Resp: 3840

Ion Ratio Lower Upper

142 100

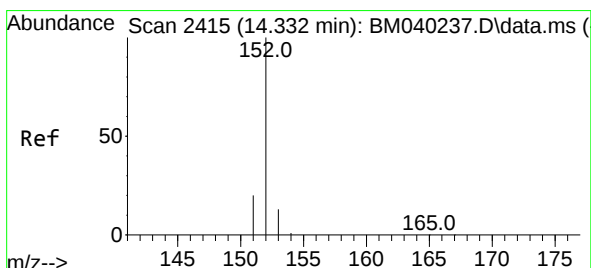
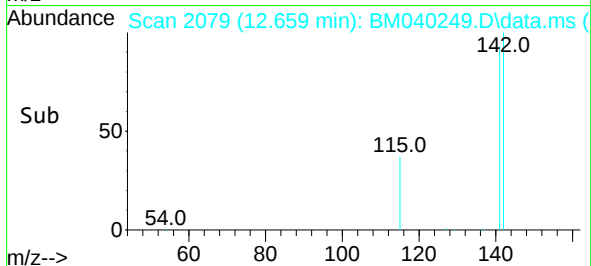
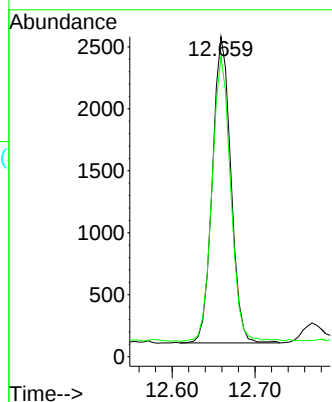
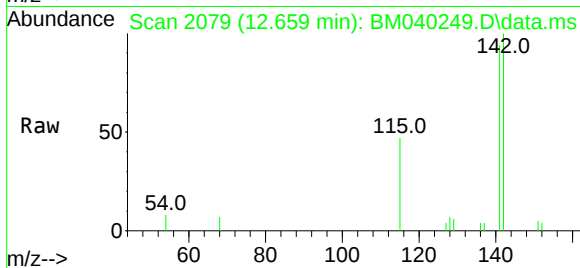
141 93.7 73.0 109.4

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#10

Acenaphthylene

Concen: 0.290 ng/u1

RT: 14.332 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM040249.D

Acq: 14 Jun 2023 22:30

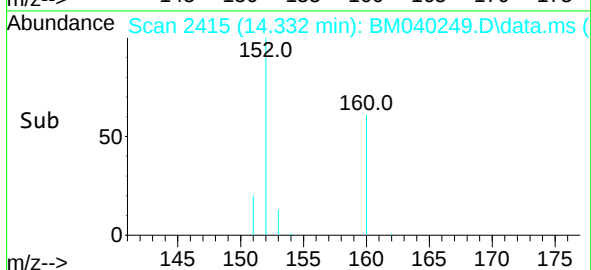
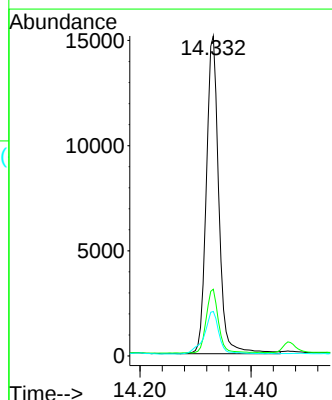
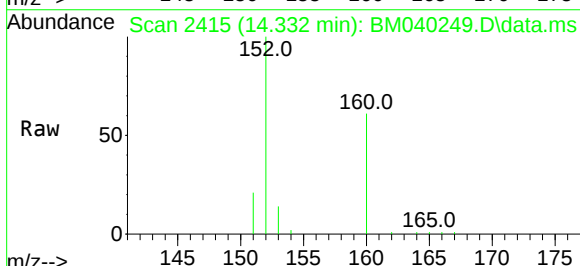
Tgt Ion:152 Resp: 23596

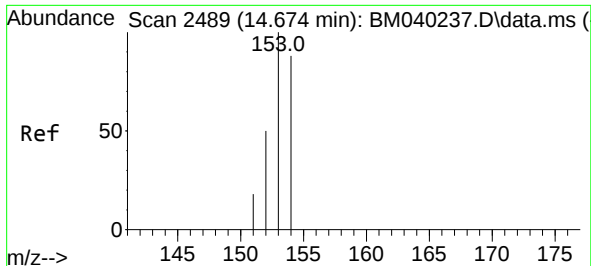
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

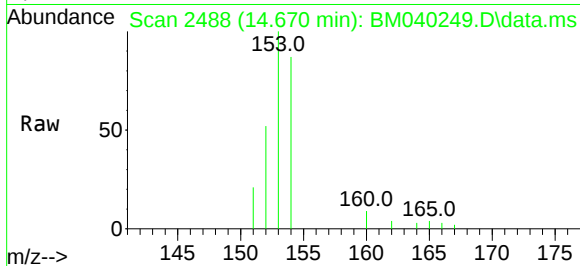
153 13.9 10.7 16.1





#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.670 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

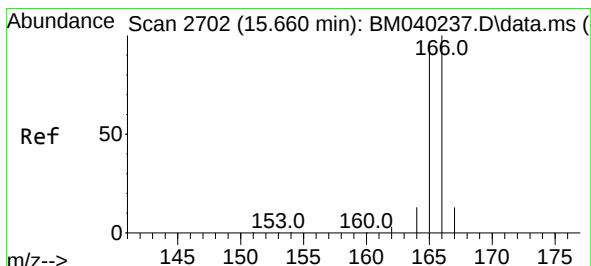
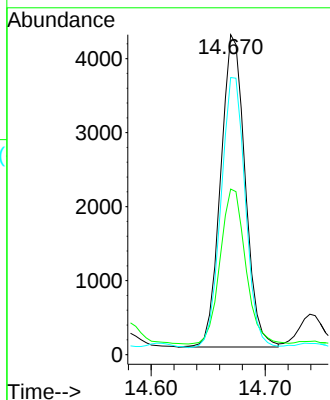
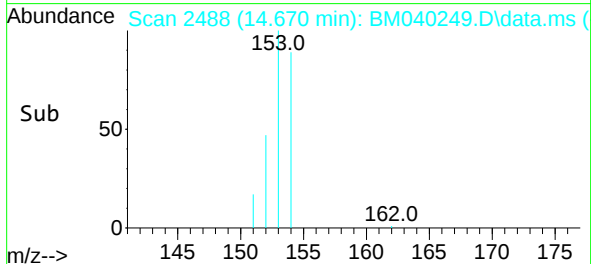
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:153 Resp: 628
Ion Ratio Lower Upper
153 100
152 51.7 40.3 60.5
154 86.6 70.5 105.7

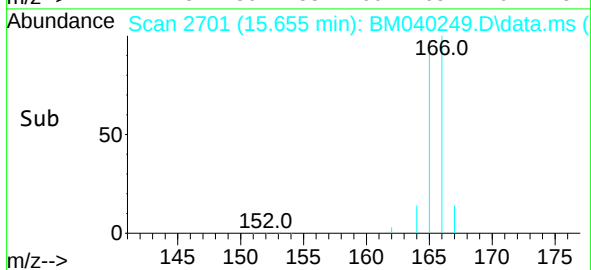
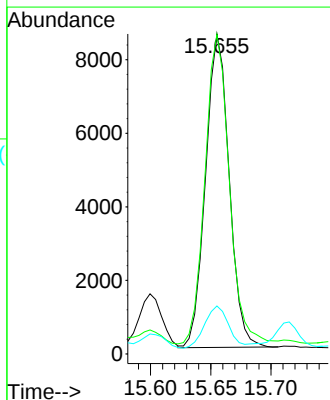
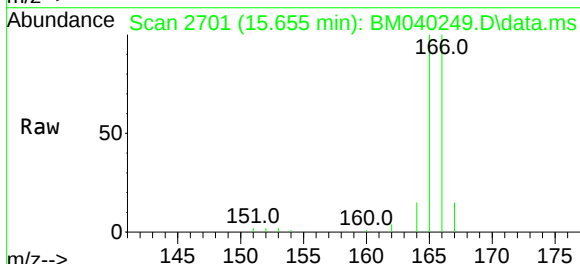
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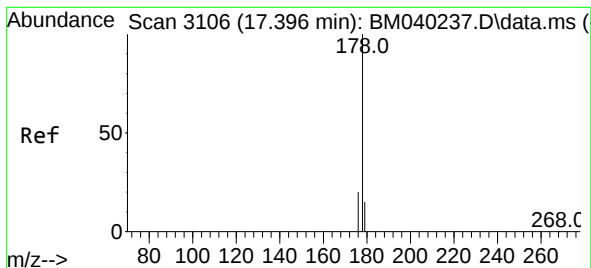
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#12
Fluorene
Concen: 0.149 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

Tgt Ion:166 Resp: 11591
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.4
167 15.0 11.0 16.4





#15

Phenanthrene

Concen: 1.612 ng/ul

RT: 17.391 min Scan# 3106

Delta R.T. -0.004 min

Lab File: BM040249.D

Acq: 14 Jun 2023 22:30

Instrument :

BNA_M

ClientSampleId :

DCFR8

Tgt Ion:178 Resp: 18334

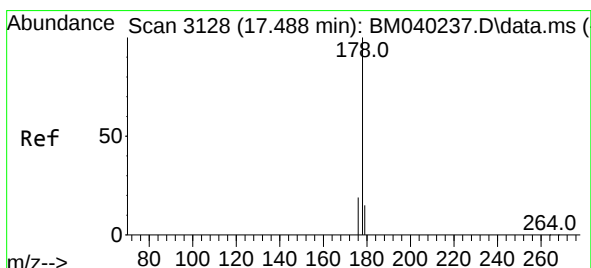
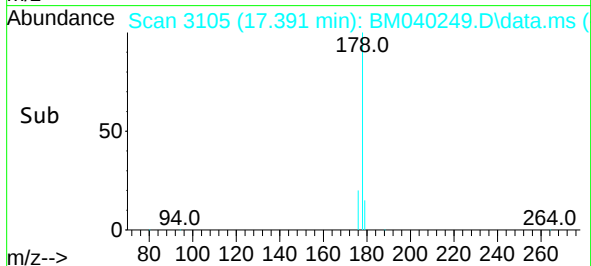
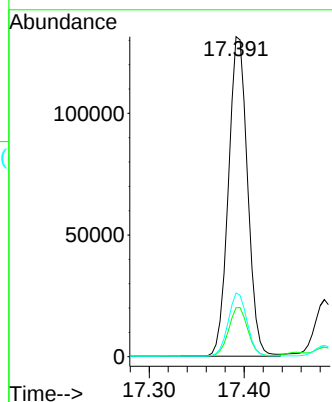
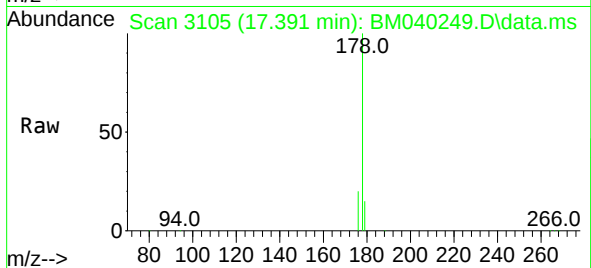
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.9	16.1	24.1

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Supervised By :mohammad ahmed 06/16/2023



#16

Anthracene

Concen: 0.361 ng/ul

RT: 17.484 min Scan# 3127

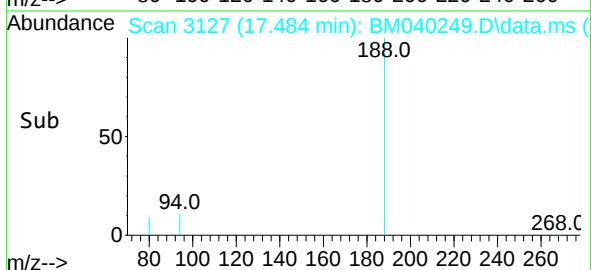
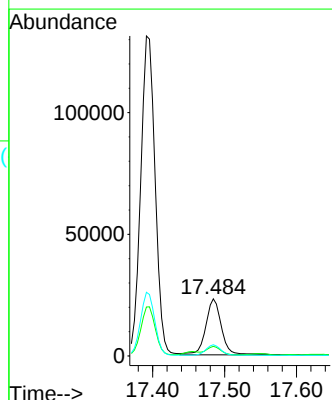
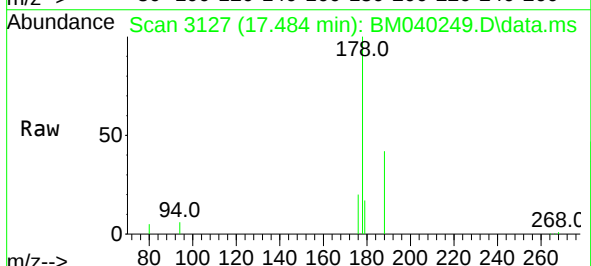
Delta R.T. -0.004 min

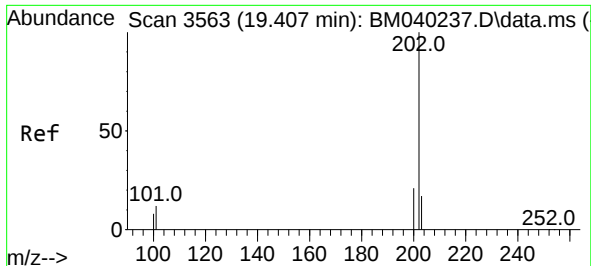
Lab File: BM040249.D

Acq: 14 Jun 2023 22:30

Tgt Ion:178 Resp: 34741

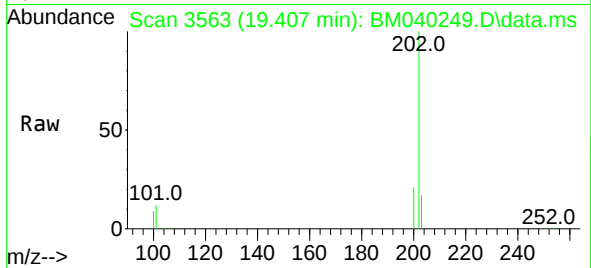
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.7	15.5	23.3





#19
Fluoranthene
Concen: 3.444 ng/u1
RT: 19.407 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

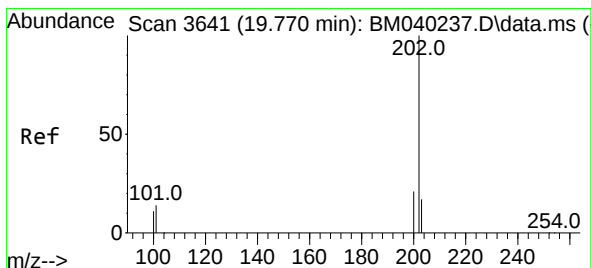
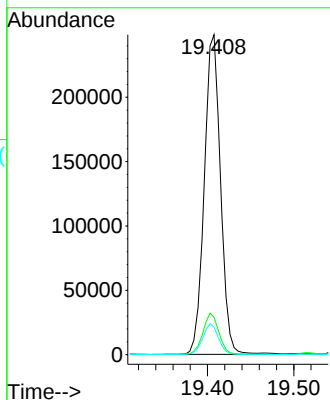
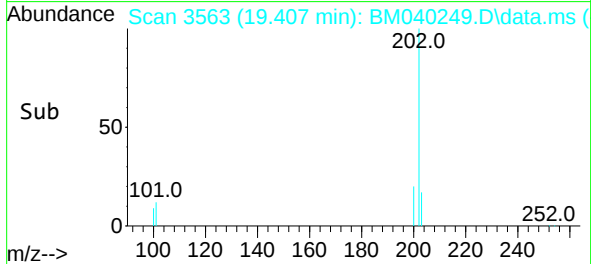
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:202 Resp: 324917
Ion Ratio Lower Upper
202 100
101 11.7 10.2 15.4
100 8.6 7.6 11.4

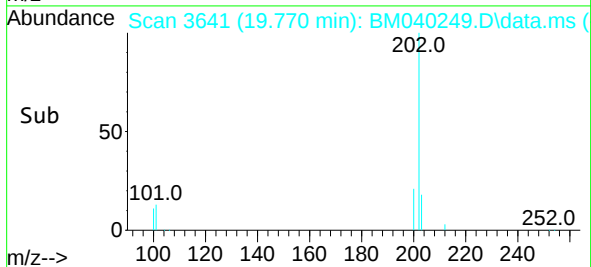
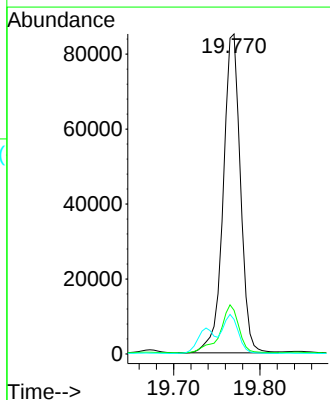
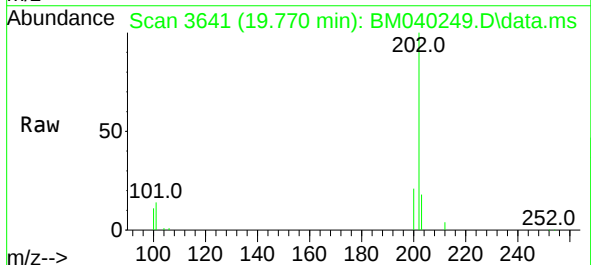
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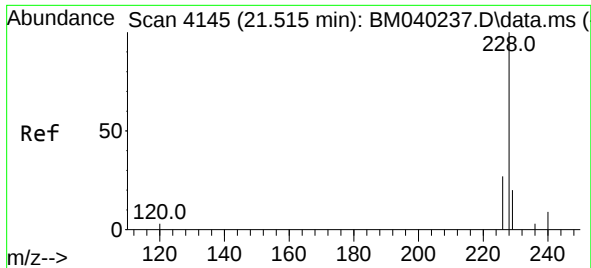
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#20
Pyrene
Concen: 1.205 ng/u1
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

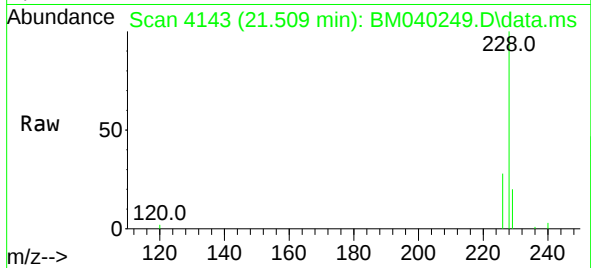
Tgt Ion:202 Resp: 118128
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.8
100 10.8 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.566 ng/u1
RT: 21.509 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

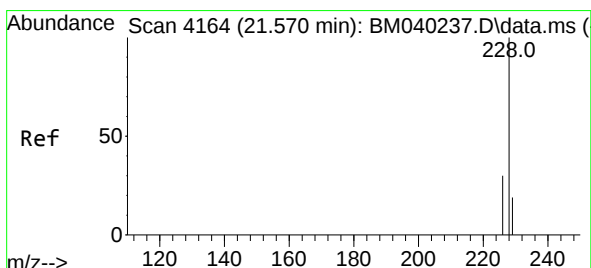
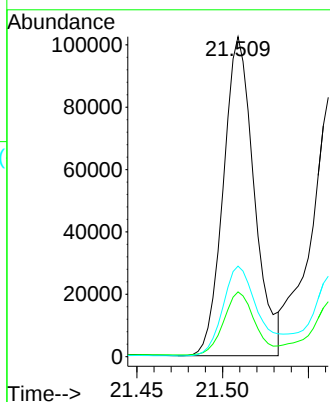
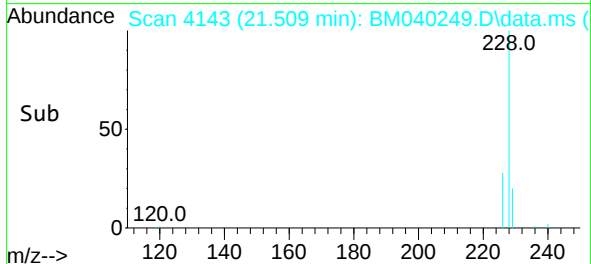
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:228 Resp: 12803
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 28.3 22.0 33.0

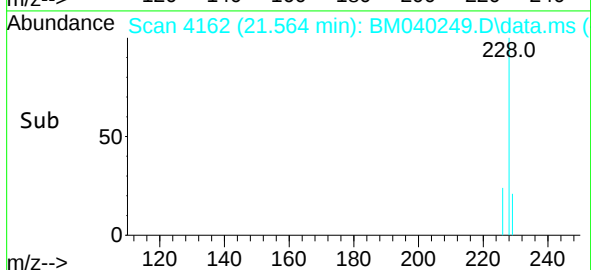
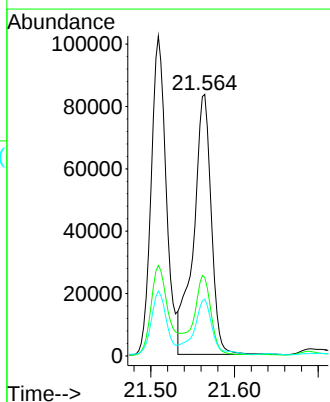
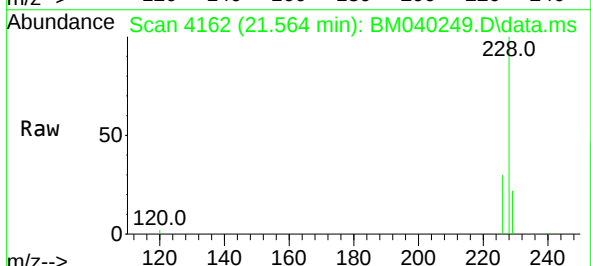
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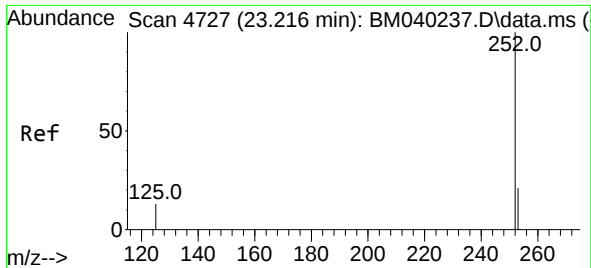
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Chrysene
Concen: 1.411 ng/u1
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

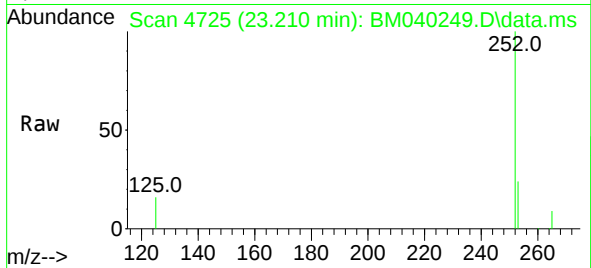
Tgt Ion:228 Resp: 121889
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.914 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

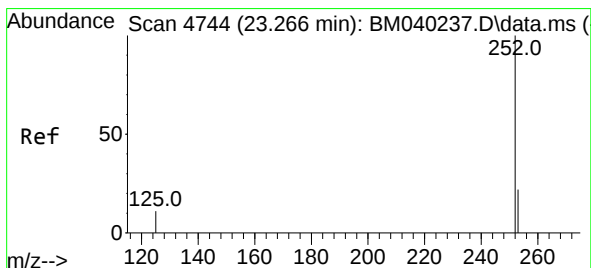
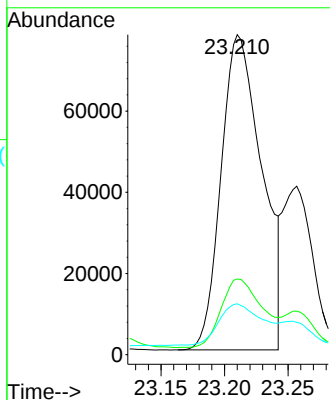
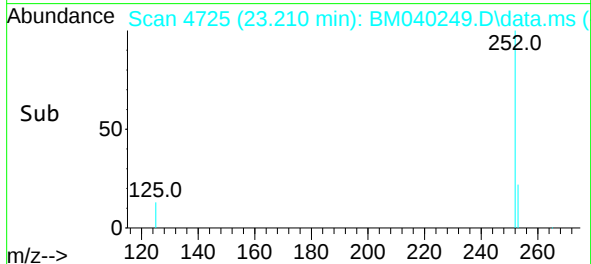
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:252 Resp: 17374
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 15.9 0.0 38.4

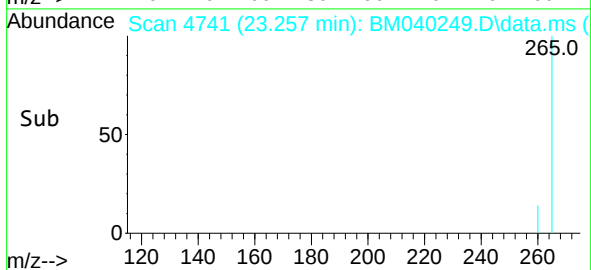
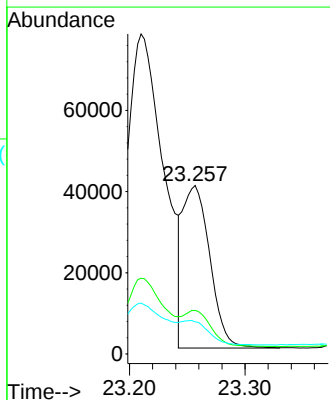
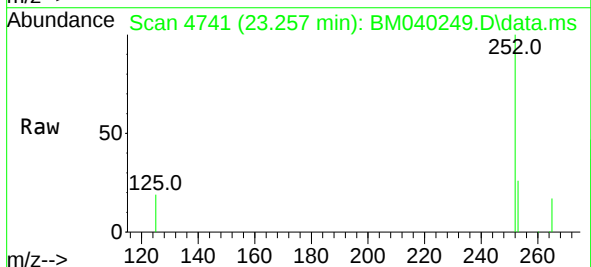
Manual Integrations
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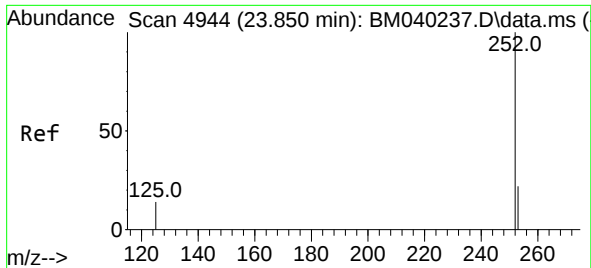
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.767 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

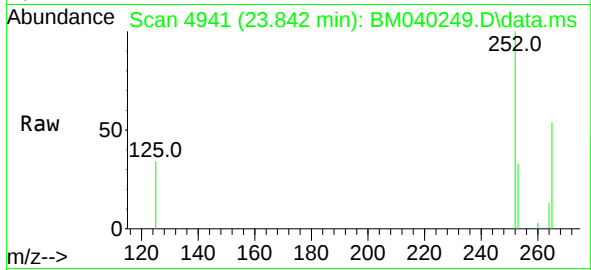
Tgt Ion:252 Resp: 65525
Ion Ratio Lower Upper
252 100
253 25.9 21.5 32.3
125 19.1 14.7 22.1





#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.842 min Scan# 4944
Delta R.T. -0.009 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

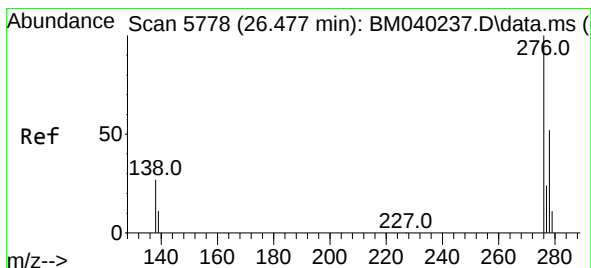
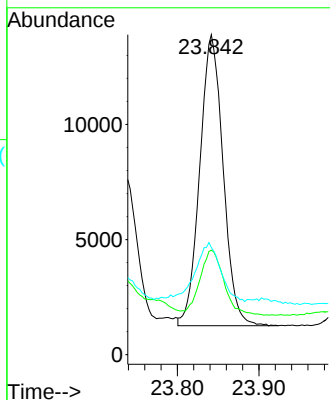
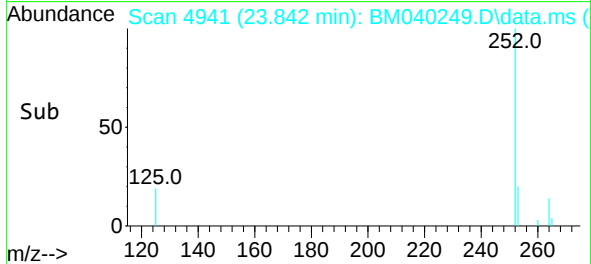
Instrument :
BNA_M
ClientSampleId :
DCFR8



Tgt Ion:252 Resp: 25070
Ion Ratio Lower Upper
252 100
253 32.6 23.4 35.0
125 33.5 19.7 29.5

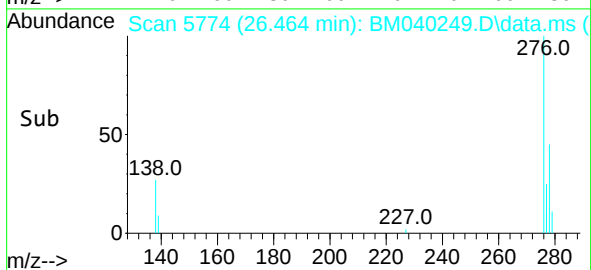
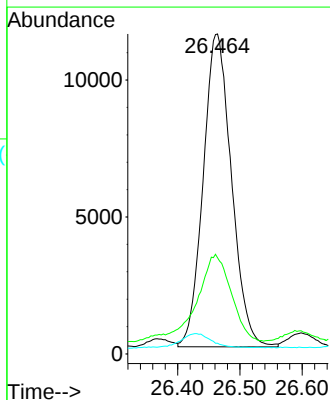
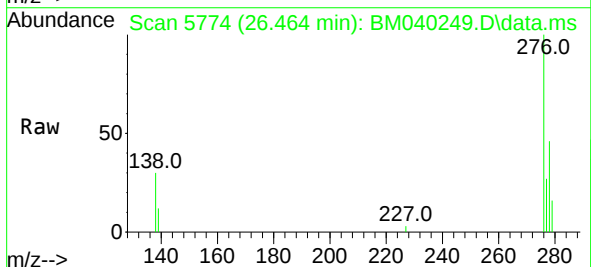
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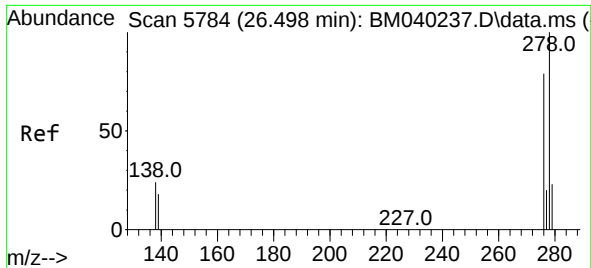
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040249.D
Acq: 14 Jun 2023 22:30

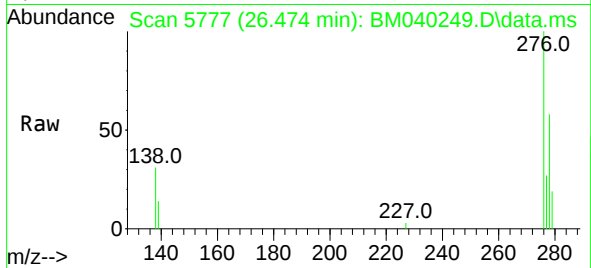
Tgt Ion:276 Resp: 36083
Ion Ratio Lower Upper
276 100
138 34.7 23.3 34.9
227 0.0 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.282 ng/ul
 RT: 26.474 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM040249.D
 Acq: 14 Jun 2023 22:30

Instrument :
 BNA_M
 ClientSampleId :
 DCFR8



Tgt Ion:278 Resp: 21324
 Ion Ratio Lower Upper
 278 100
 139 24.9 16.4 24.6
 279 33.4 21.8 32.8

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Reviewed By :Yogesh Patel 06/15/2023
 Supervised By :mohammad ahmed 06/16/2023

