

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040261.D
 Acq On : 15 Jun 2023 16:11
 Operator : MA/JU
 Sample : 03088-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR9

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 23:42:50 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	10903	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	39767	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	20943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	37982	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	22909	0.400	ng/ul	# 0.00
23) Perylene-d12	23.956	264	22253	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	28374	2.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	7274	0.144	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	10459	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.833	128	71786	0.762	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	16717	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	7886	0.129	ng/ul	99
10) Acenaphthylene	14.332	152	72443	0.989	ng/ul	99
11) Acenaphthene	14.670	153	10894	0.173	ng/ul	99
12) Fluorene	15.655	166	16810	0.240	ng/ul	98
14) Pentachlorophenol	17.003	266	609	0.079	ng/ul	99
15) Phenanthrene	17.392	178	306645	3.071	ng/ul	100
16) Anthracene	17.485	178	68718	0.812	ng/ul	100
19) Fluoranthene	19.408	202	646229	8.281	ng/ul	98
20) Pyrene	19.766	202	173163	2.136	ng/ul	98
21) Benzo(a)anthracene	21.512	228	290005	4.289	ng/ul	97
22) Chrysene	21.568	228	253245	3.545	ng/ul	98
24) Benzo(b)fluoranthene	23.216	252	366949	4.473	ng/ul	93
25) Benzo(k)fluoranthene	23.263	252	153264m	1.984	ng/ul	
26) Benzo(a)pyrene	23.845	252	40754	0.605	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.471	276	64605	0.758	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.484	278	50894	0.744	ng/ul	94
29) Benzo(g,h,i)perylene	27.249	276	5528	0.078	ng/ul#	9

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

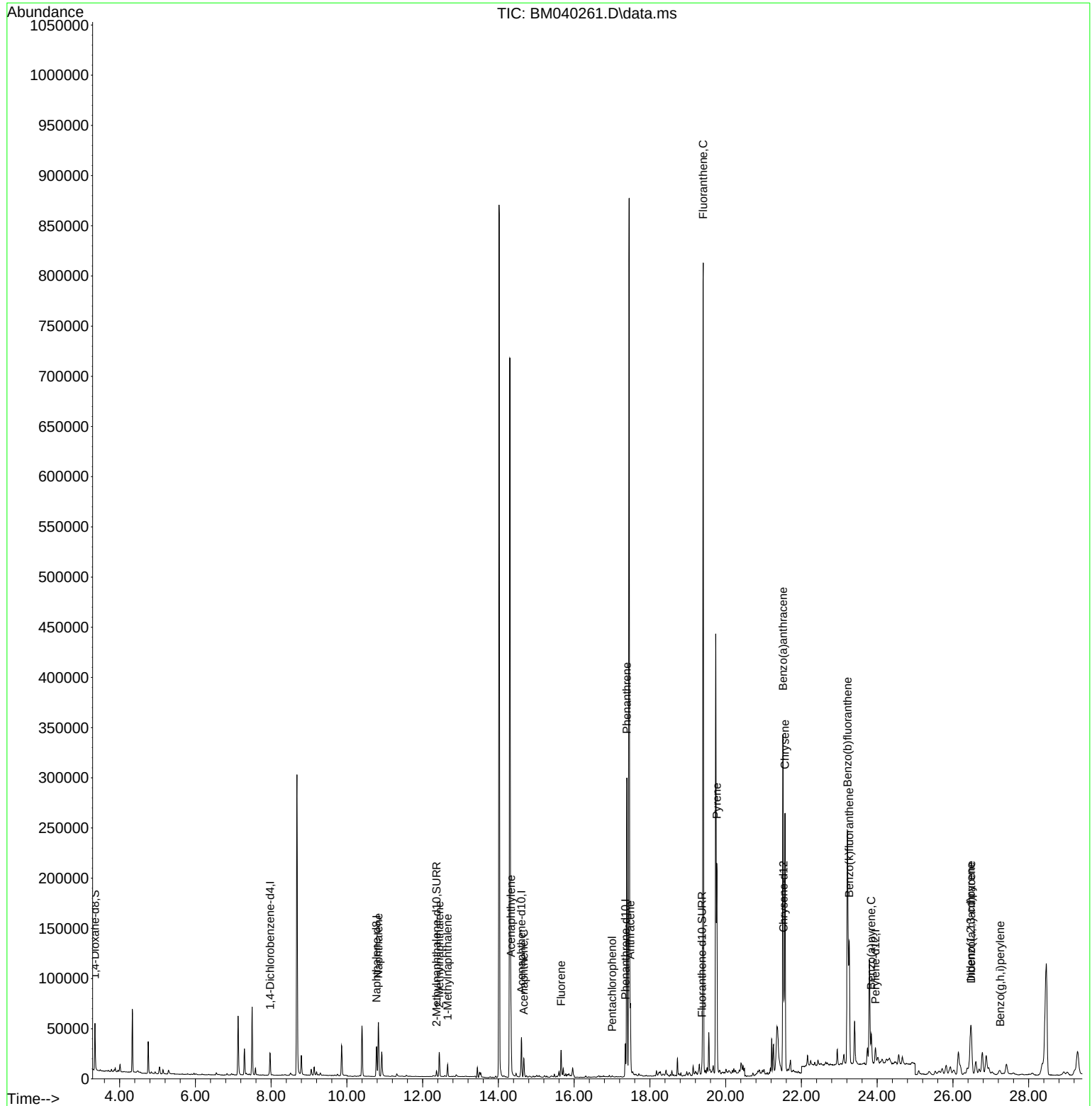
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040261.D
Acq On : 15 Jun 2023 16:11
Operator : MA/JU
Sample : 03088-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

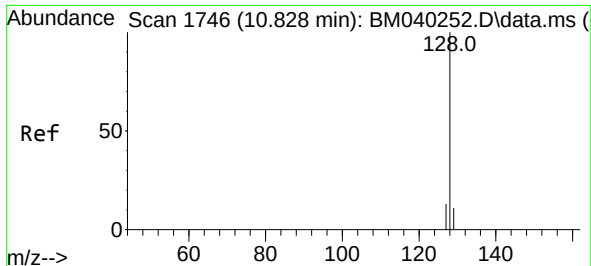
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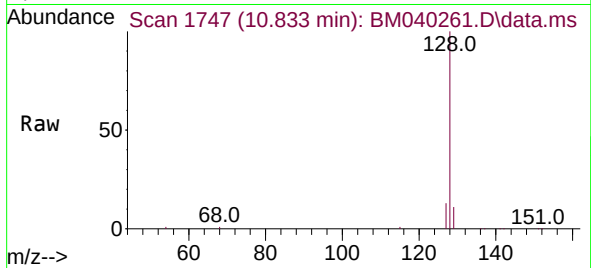
Quant Time: Jun 15 23:42:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.762 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

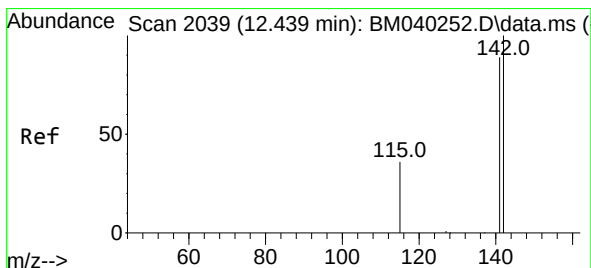
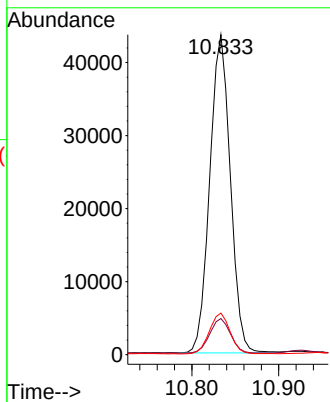
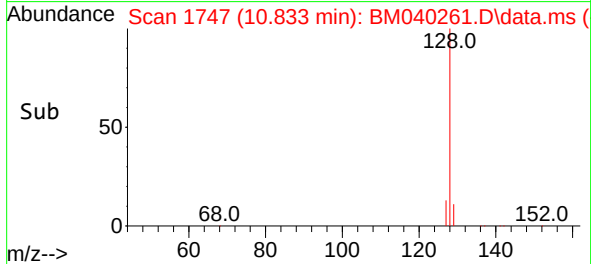
Instrument :
BNA_M
ClientSampleId :
DCFR9



Tgt Ion:128 Resp: 71780
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.0 10.4 15.6

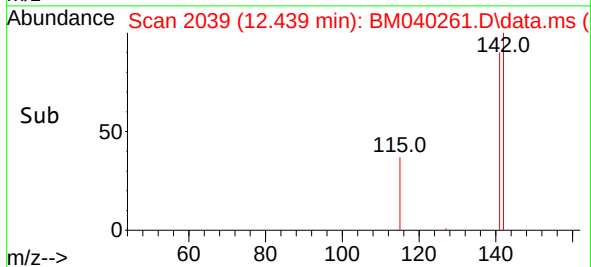
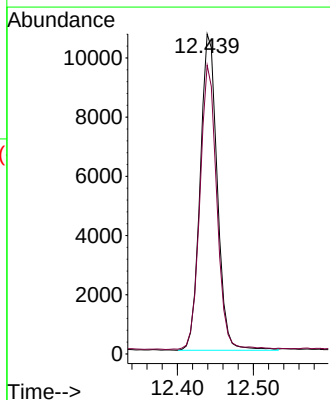
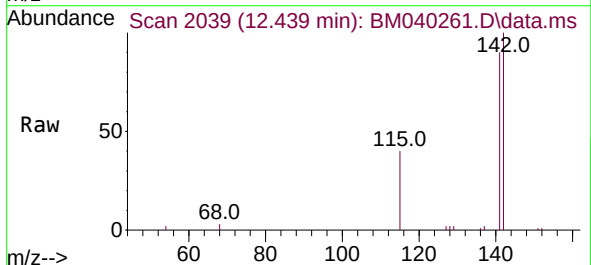
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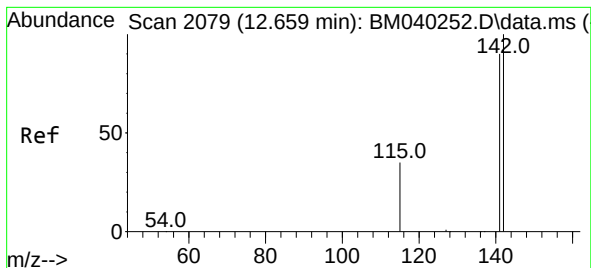
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

Tgt Ion:142 Resp: 16717
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.129 ng/ul

RT: 12.659 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BM040261.D

Acq: 15 Jun 2023 16:11

Instrument :

BNA_M

ClientSampleId :

DCFR9

Tgt Ion:142 Resp: 7880

Ion Ratio Lower Upper

142 100

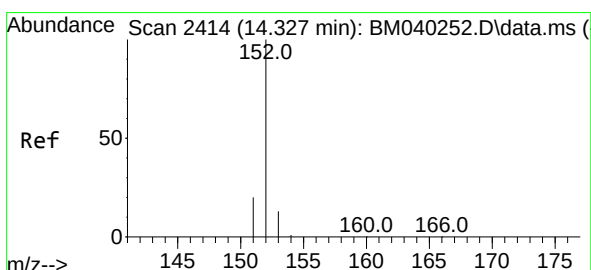
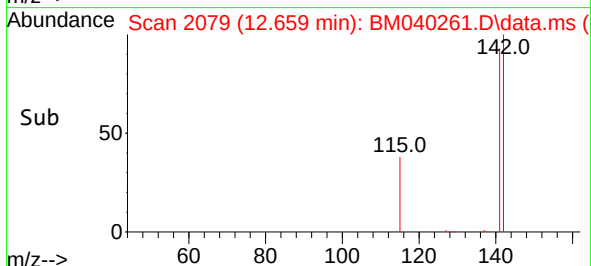
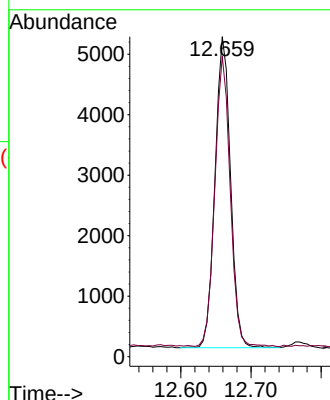
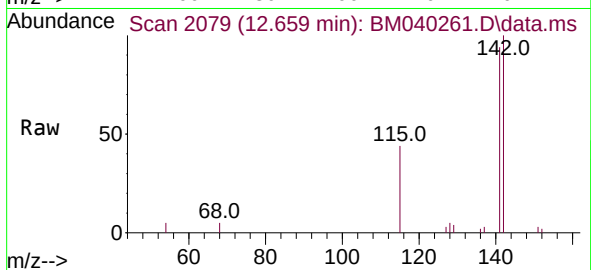
141 92.0 73.0 109.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/16/2023

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#10

Acenaphthylene

Concen: 0.989 ng/ul

RT: 14.332 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM040261.D

Acq: 15 Jun 2023 16:11

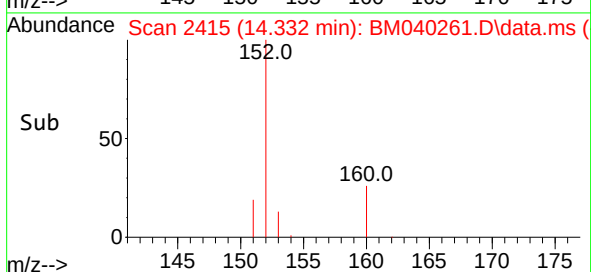
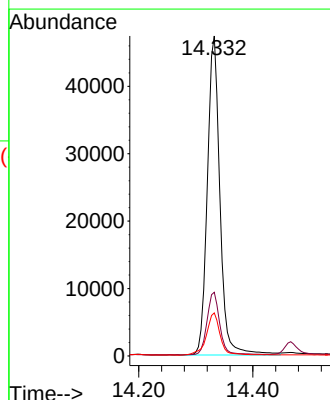
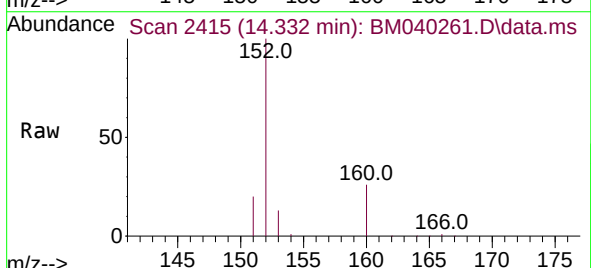
Tgt Ion:152 Resp: 72443

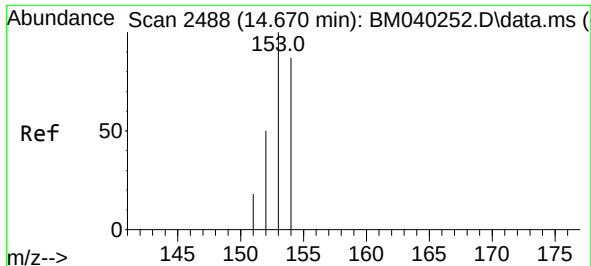
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

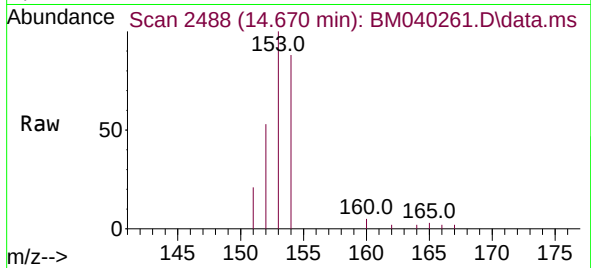
153 13.4 10.7 16.1





#11
Acenaphthene
Concen: 0.173 ng/u1
RT: 14.670 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

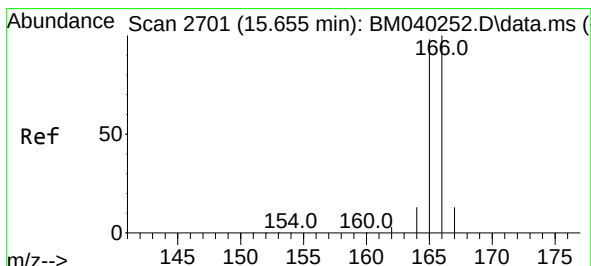
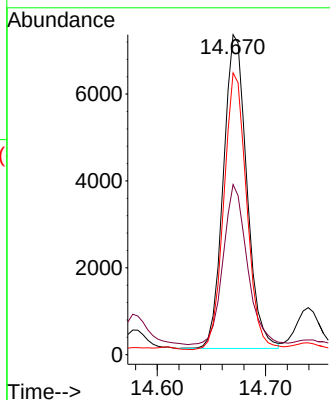
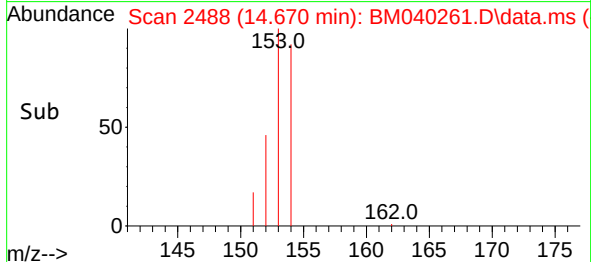
Instrument :
BNA_M
ClientSampleId :
DCFR9



Tgt Ion:153 Resp: 10894
Ion Ratio Lower Upper
153 100
152 53.1 40.3 60.5
154 88.0 70.5 105.7

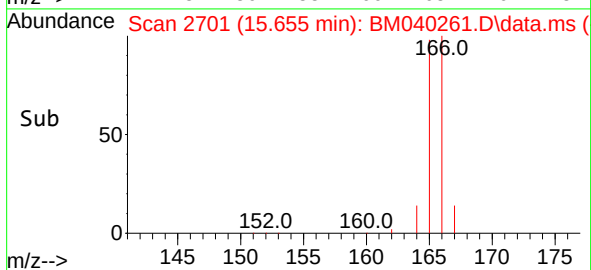
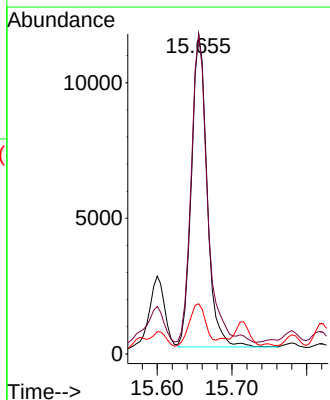
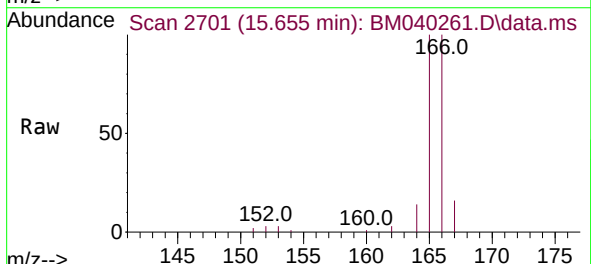
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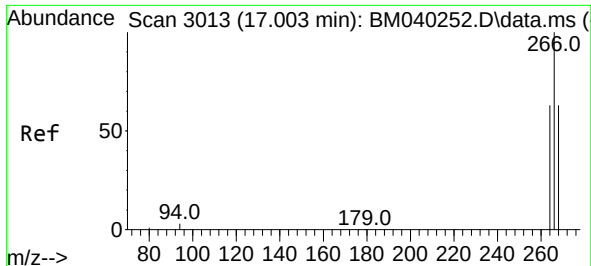
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#12
Fluorene
Concen: 0.240 ng/u1
RT: 15.655 min Scan# 2701
Delta R.T. -0.004 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

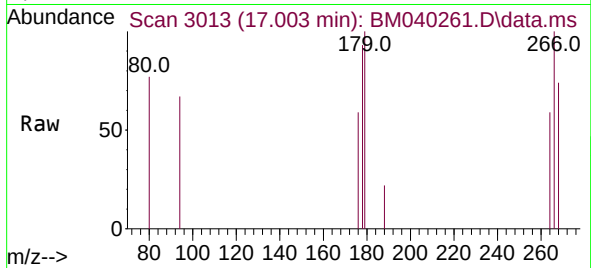
Tgt Ion:166 Resp: 16810
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.4
167 15.7 11.0 16.4





#14
Pentachlorophenol
Concen: 0.079 ng/u1
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

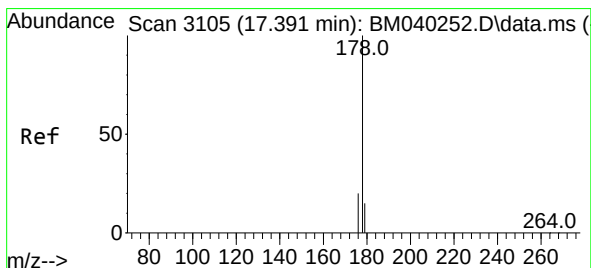
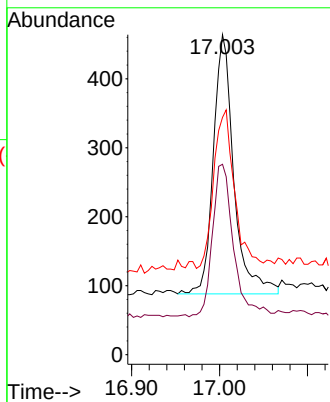
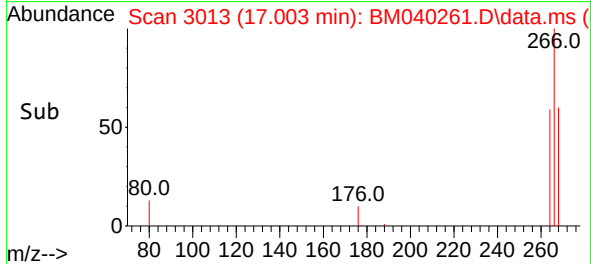
Instrument :
BNA_M
ClientSampleId :
DCFR9



Tgt Ion:266 Resp: 609
Ion Ratio Lower Upper
266 100
264 60.3 49.4 74.0
268 63.2 51.3 76.9

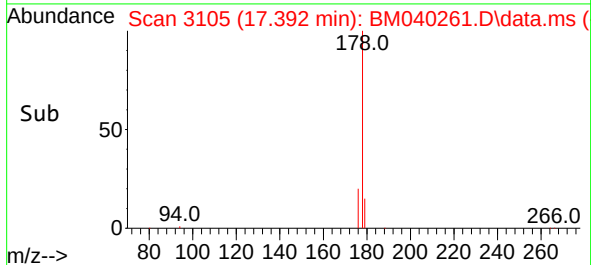
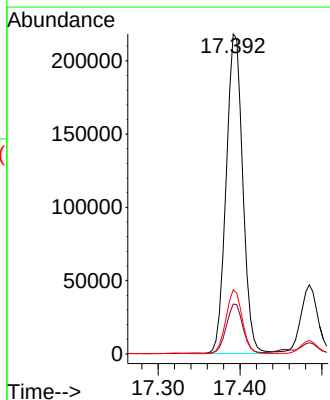
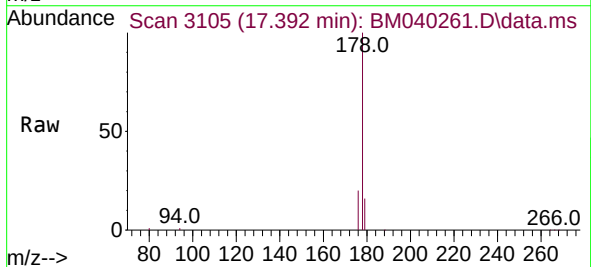
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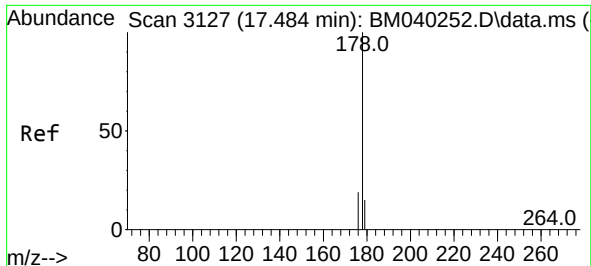
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#15
Phenanthrene
Concen: 3.071 ng/u1
RT: 17.392 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

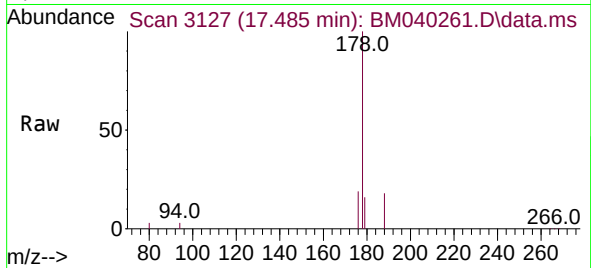
Tgt Ion:178 Resp: 306645
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 20.1 16.1 24.1





#16
 Anthracene
 Concen: 0.812 ng/ul
 RT: 17.485 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040261.D
 Acq: 15 Jun 2023 16:11

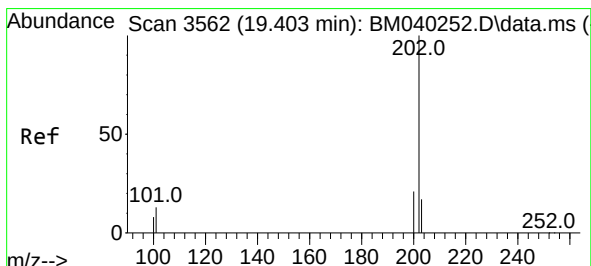
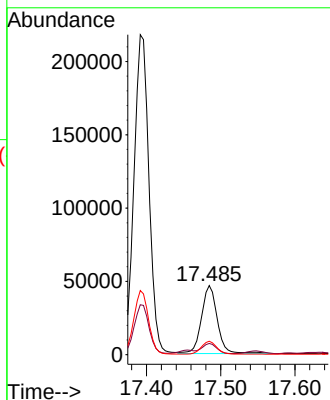
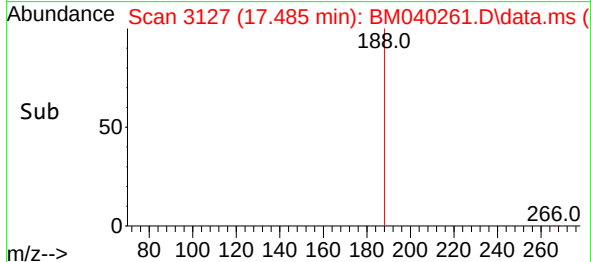
Instrument :
 BNA_M
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 DCFR9



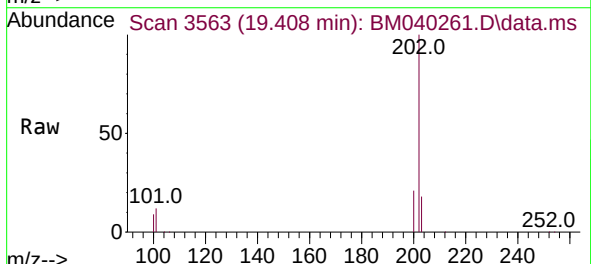
Tgt Ion:178 Resp: 68718
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.4
 176 19.4 15.5 23.3

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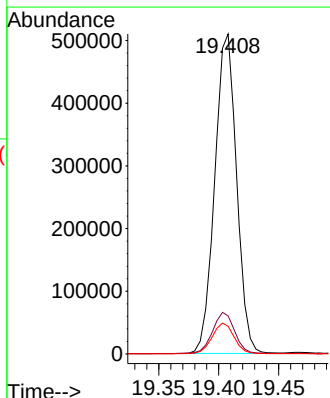
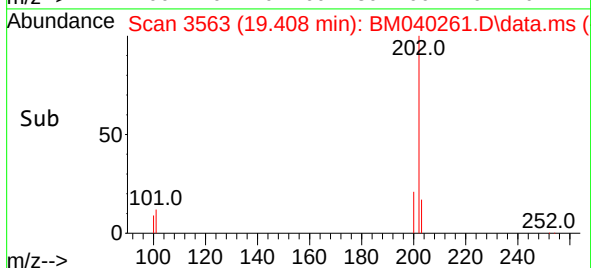
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 Supervised By :mohammad ahmed 06/16/2023

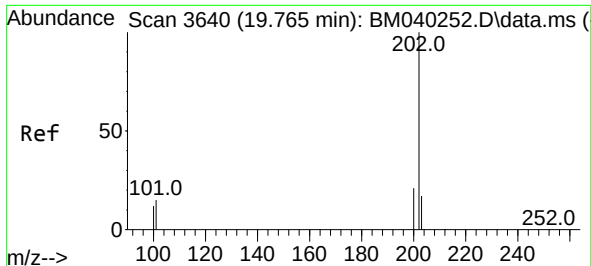


#19
 Fluoranthene
 Concen: 8.281 ng/ul
 RT: 19.408 min Scan# 3563
 Delta R.T. 0.000 min
 Lab File: BM040261.D
 Acq: 15 Jun 2023 16:11



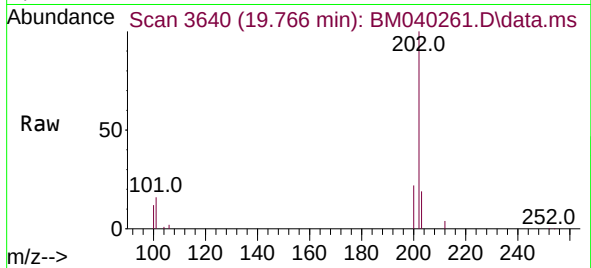
Tgt Ion:202 Resp: 646229
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.2 15.4
 100 8.6 7.6 11.4





#20
Pyrene
Concen: 2.136 ng/ul
RT: 19.766 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

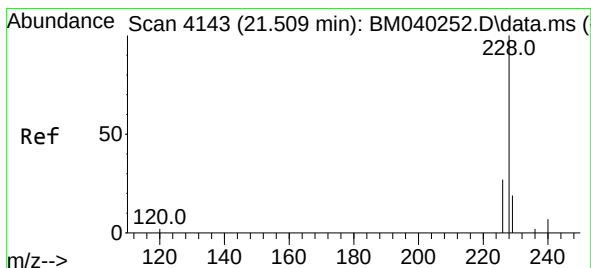
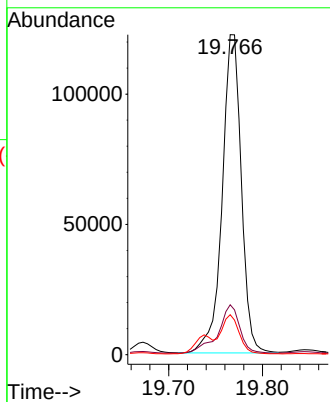
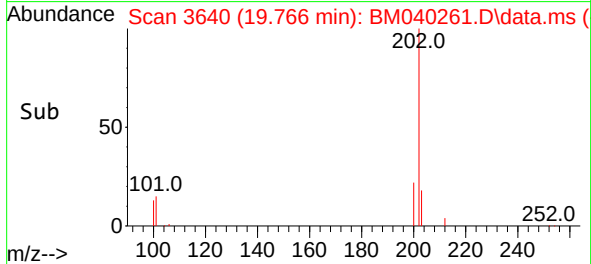
Instrument :
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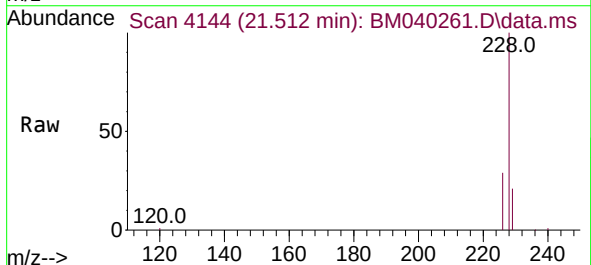
Tgt Ion:202 Resp: 17316
Ion Ratio Lower Upper
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101 15.6 11.8 17.8
100 12.5 9.3 13.9

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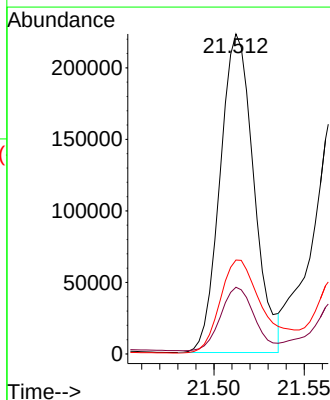
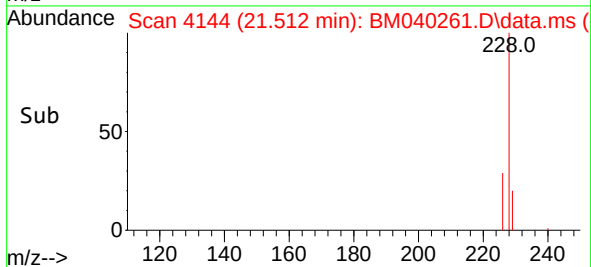
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

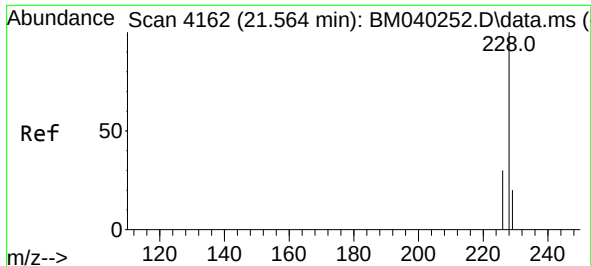


#21
Benzo(a)anthracene
Concen: 4.289 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11



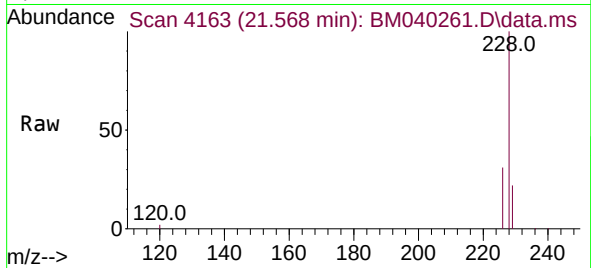
Tgt Ion:228 Resp: 290005
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 29.3 22.0 33.0





#22
Chrysene
Concen: 3.545 ng/ul
RT: 21.568 min Scan# 4162
Delta R.T. -0.003 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

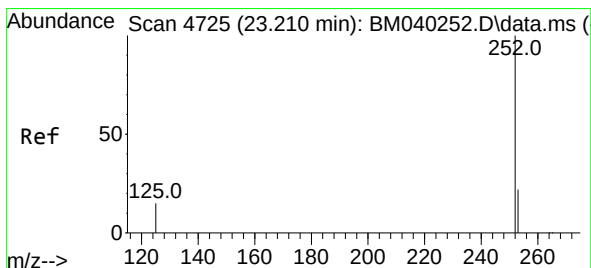
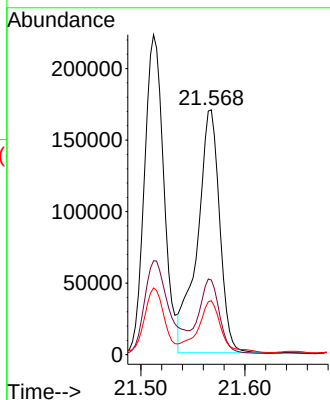
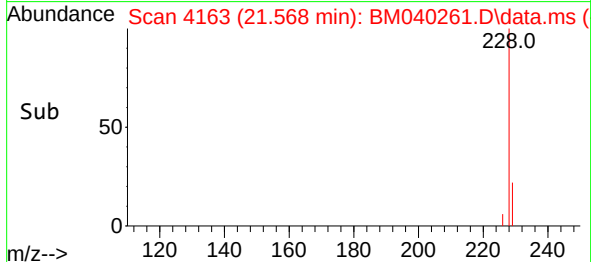
Instrument :
BNA_M
ClientSampleId :
DCFR9



Tgt Ion:228 Resp: 253249
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.0 15.7 23.5

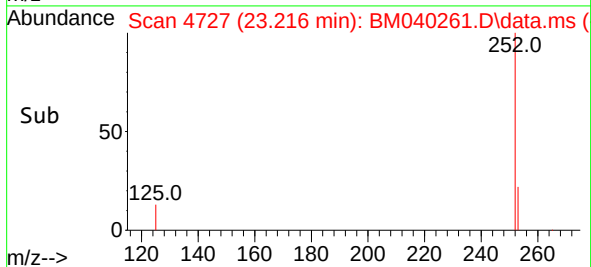
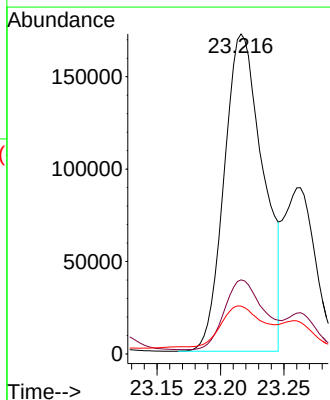
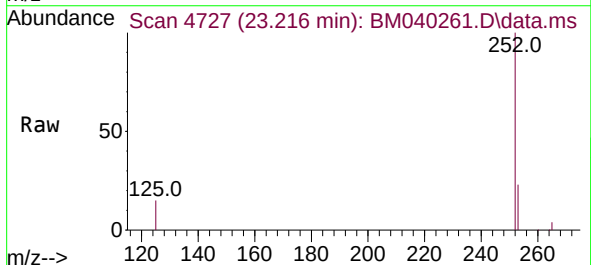
Manual Integrations
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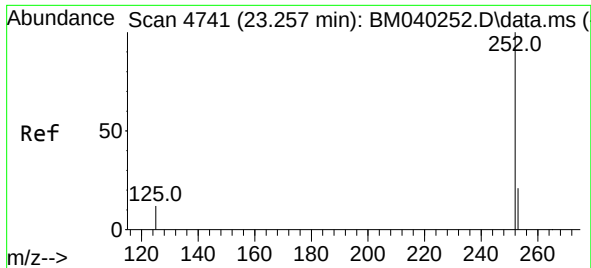
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023



#24
Benzo(b)fluoranthene
Concen: 4.473 ng/ul
RT: 23.216 min Scan# 4727
Delta R.T. 0.000 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

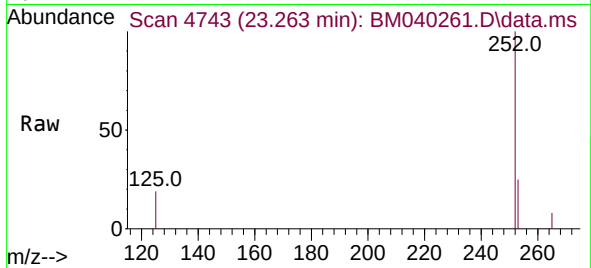
Tgt Ion:252 Resp: 366949
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.4
125 14.9 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 1.984 ng/ul m
RT: 23.263 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

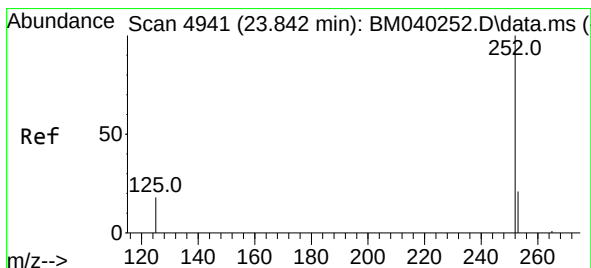
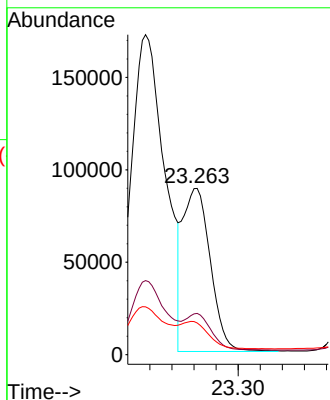
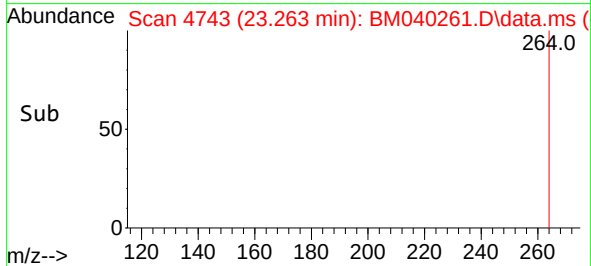
Instrument :
BNA_M
ClientSampleId :
DCFR9



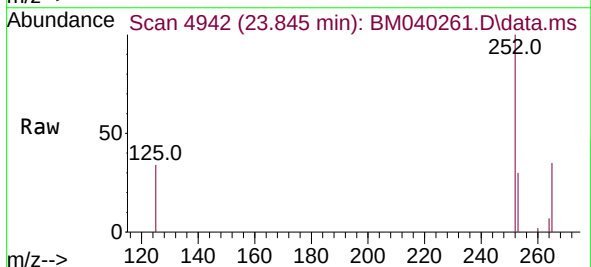
Tgt Ion:252 Resp: 153264
Ion Ratio Lower Upper
252 100
253 24.9 21.5 32.3
125 19.0 14.7 22.1

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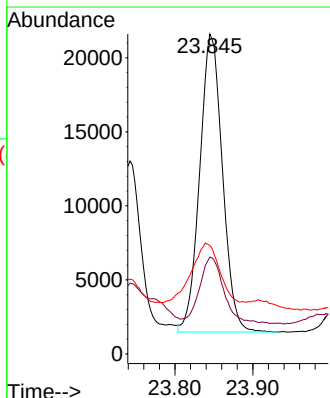
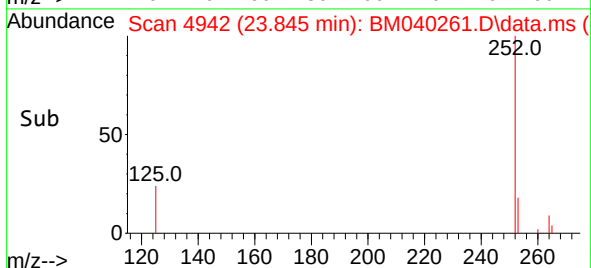
Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

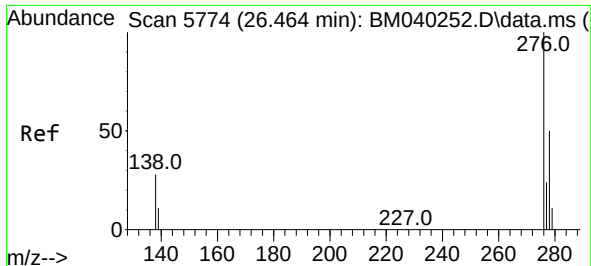


#26
Benzo(a)pyrene
Concen: 0.605 ng/ul
RT: 23.845 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11



Tgt Ion:252 Resp: 40754
Ion Ratio Lower Upper
252 100
253 30.3 23.4 35.0
125 33.9 19.7 29.5#





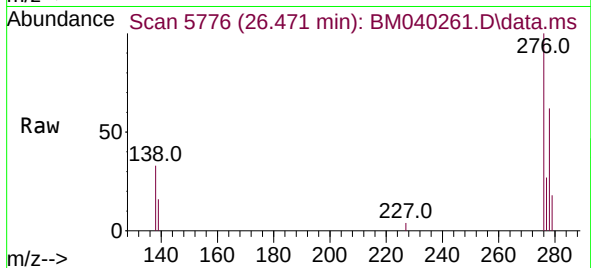
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.758 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.006 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

Instrument :

BNA_M

ClientSampleId :

DCFR9



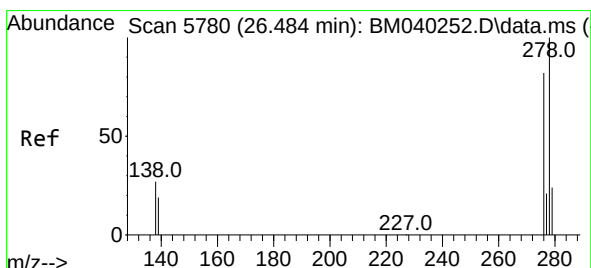
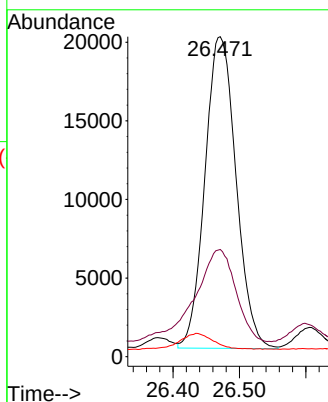
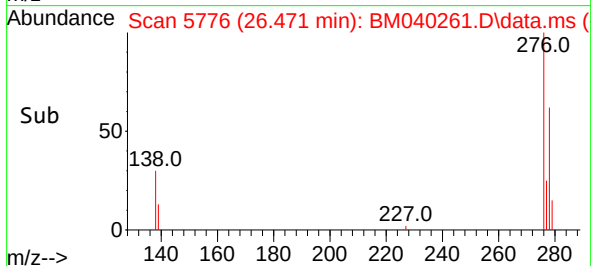
Tgt Ion:276 Resp: 6460
Ion Ratio Lower Upper
276 100
138 39.9 23.3 34.9
227 0.0 0.1 0.1

Manual Integrations

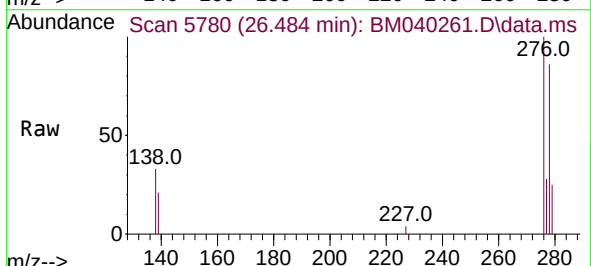
APPROVED

Reviewed By :Yogesh Patel 06/16/2023

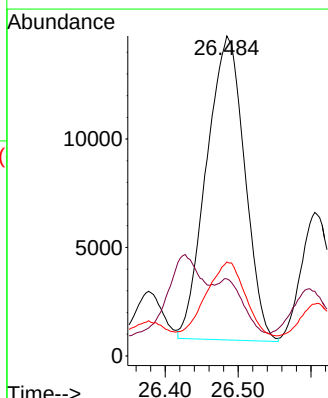
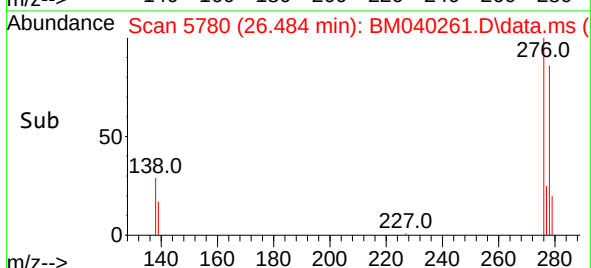
Supervised By :mohammad ahmed 06/16/2023

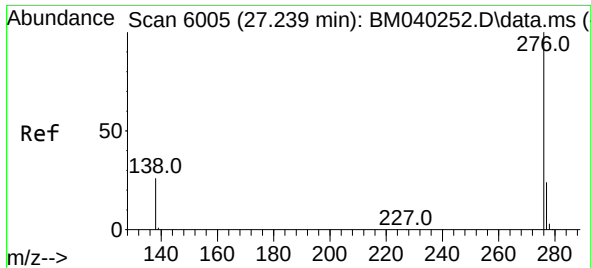


#28
Dibenzo(a,h)anthracene
Concen: 0.744 ng/ul
RT: 26.484 min Scan# 5780
Delta R.T. -0.013 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11



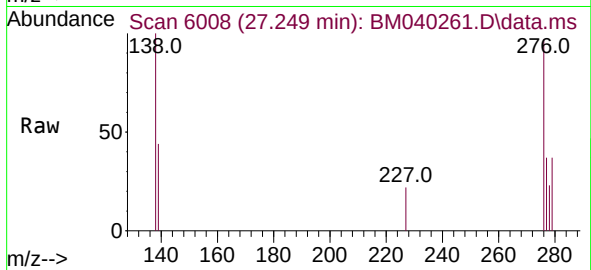
Tgt Ion:278 Resp: 50894
Ion Ratio Lower Upper
278 100
139 24.1 16.4 24.6
279 29.4 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.006 min
Lab File: BM040261.D
Acq: 15 Jun 2023 16:11

Instrument :
BNA_M
ClientSampleId :
DCFR9



Tgt Ion:276 Resp: 5528
Ion Ratio Lower Upper
276 100
138 102.8 21.0 31.4
277 38.3 19.6 29.4

Manual Integrations
APPROVED

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

