

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040503.D
 Acq On : 01 Jul 2023 14:54
 Operator : MA/JU
 Sample : 03161-11DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 23:47:35 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	9718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	33753	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	15659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	30483	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	18816	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	17984	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	7022	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	1568	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	2285	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	2164	0.023	ng/ul#	80
10) Acenaphthylene	14.300	152	4149	0.059	ng/ul#	90
11) Acenaphthene	14.637	153	1427	0.024	ng/ul	95
12) Fluorene	15.623	166	1482	0.024	ng/ul#	91
15) Phenanthrene	17.366	178	41954	0.443	ng/ul	99
16) Anthracene	17.455	178	7464	0.094	ng/ul#	93
19) Fluoranthene	19.380	202	144617	1.809	ng/ul	96
20) Pyrene	19.742	202	111761	1.304	ng/ul	99
21) Benzo(a)anthracene	21.489	228	54530	0.857	ng/ul	98
22) Chrysene	21.541	228	62508	0.861	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	98077	1.409	ng/ul	93
25) Benzo(k)fluoranthene	23.225	252	32862m	0.479	ng/ul	
26) Benzo(a)pyrene	23.809	252	55359	0.883	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.414	276	49593	0.568	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.420	278	11212	0.164	ng/ul#	84
29) Benzo(g,h,i)perylene	27.192	276	42826	0.560	ng/ul	97

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

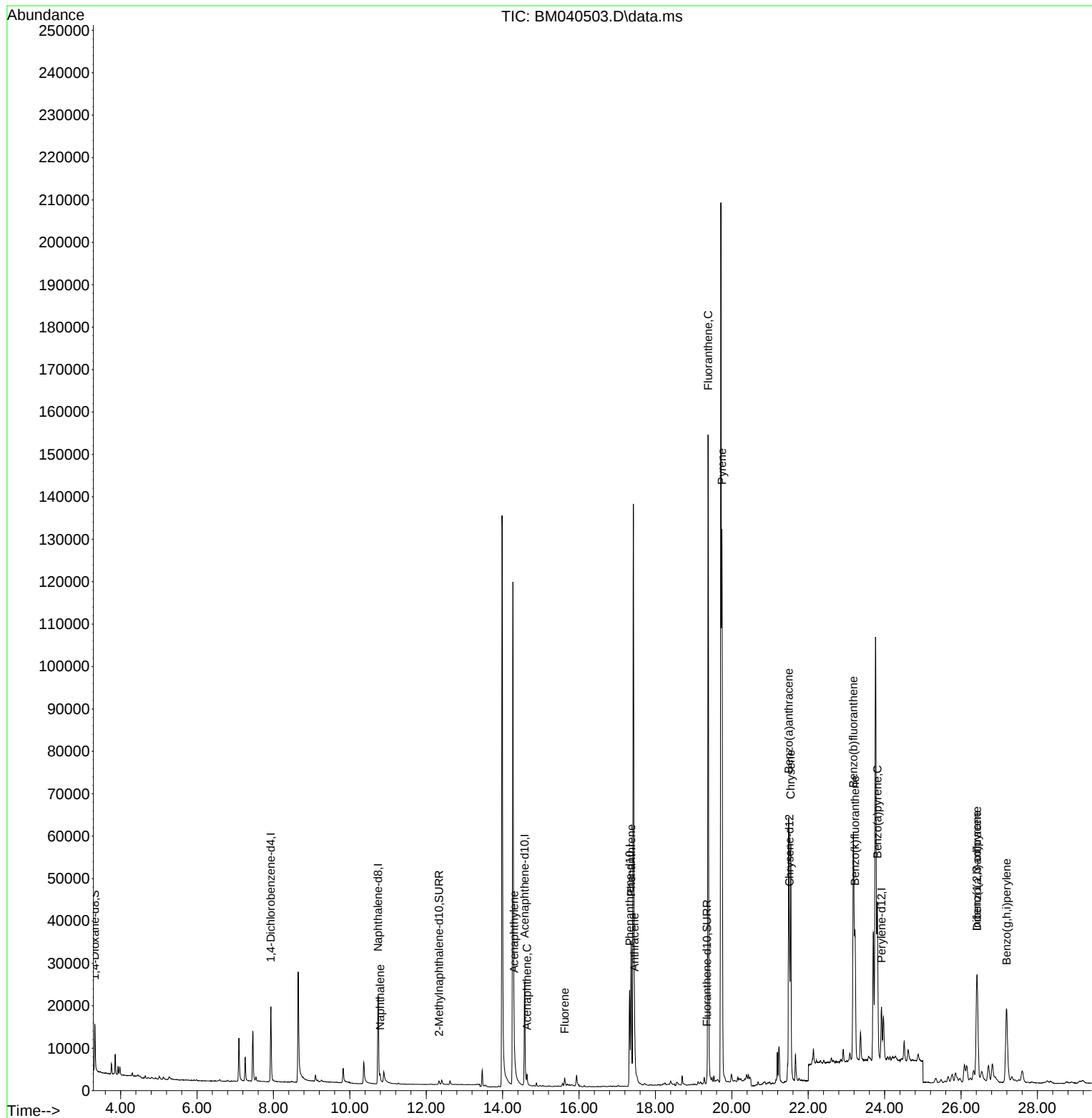
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040503.D
Acq On : 01 Jul 2023 14:54
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ALS Vial : 9 Sample Multiplier: 1

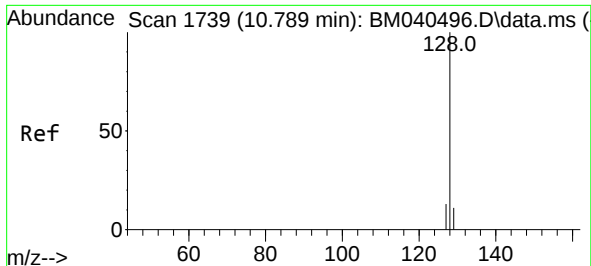
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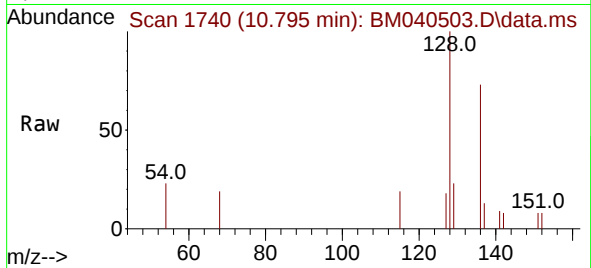
Quant Time: Jul 01 23:47:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.795 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

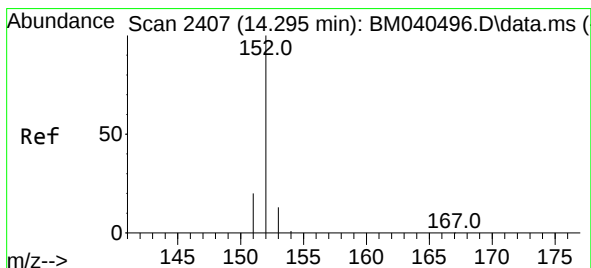
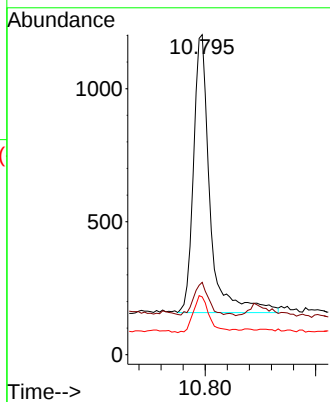
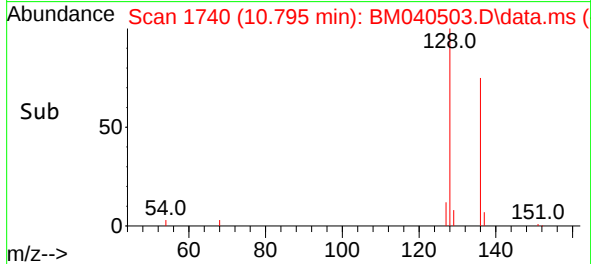
Instrument :
BNA_M
ClientSampleId :
DCF7DL



Tgt Ion:128 Resp: 2164
Ion Ratio Lower Upper
128 100
129 22.6 9.2 13.8#
127 18.0 10.6 15.8#

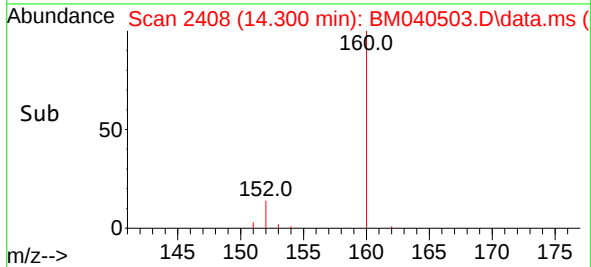
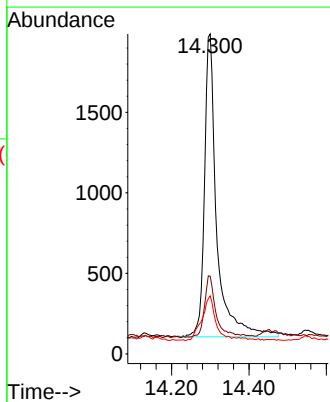
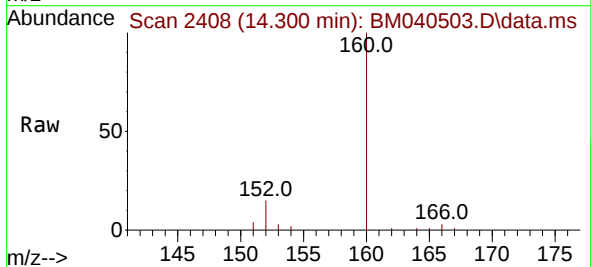
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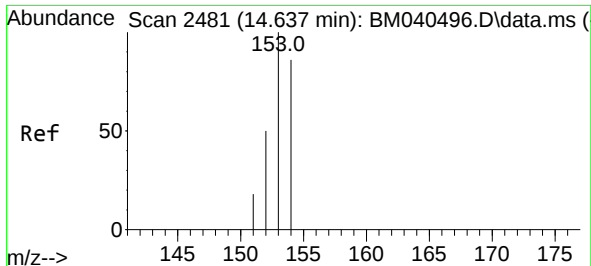
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

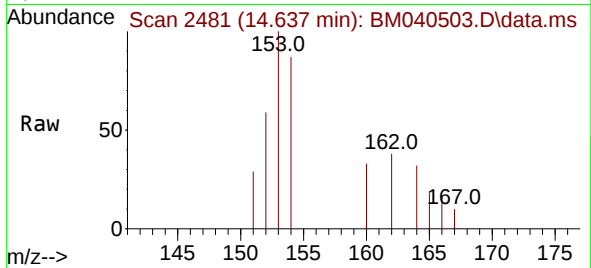
Tgt Ion:152 Resp: 4149
Ion Ratio Lower Upper
152 100
151 24.3 16.2 24.2#
153 18.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

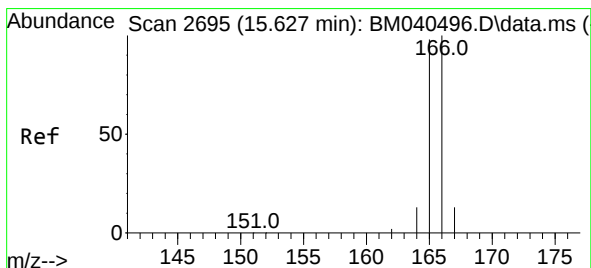
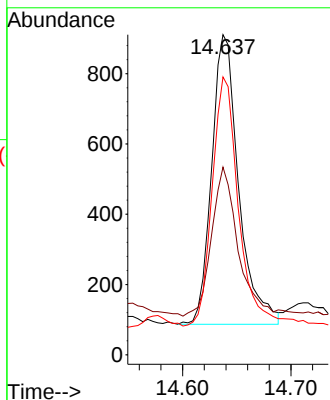
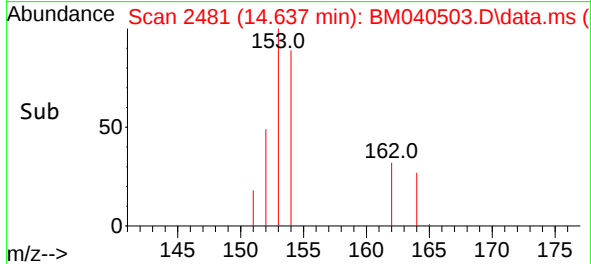
Instrument :
BNA_M
ClientSampleId :
DCFW7DL



Tgt Ion:153 Resp: 142
Ion Ratio Lower Upper
153 100
152 58.6 41.0 61.4
154 86.8 70.8 106.2

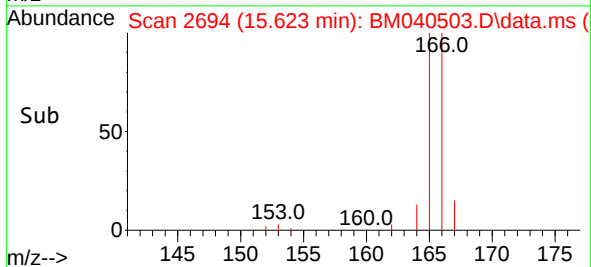
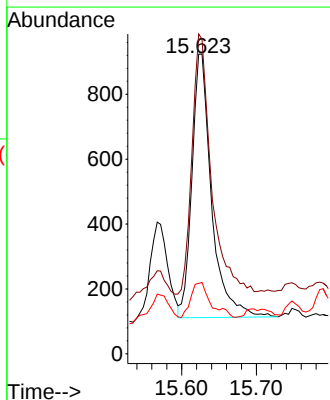
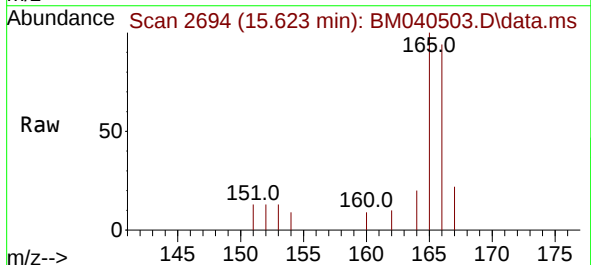
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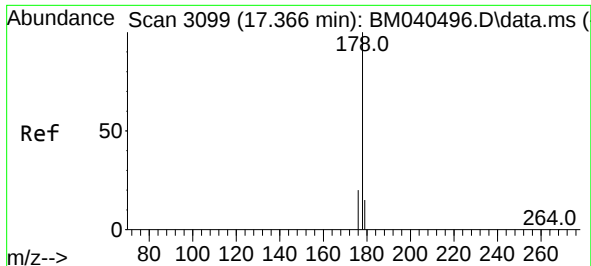
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

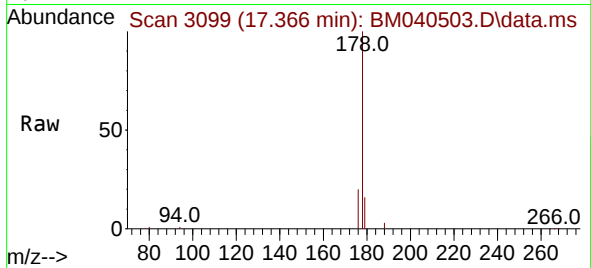
Tgt Ion:166 Resp: 1482
Ion Ratio Lower Upper
166 100
165 106.7 79.6 119.4
167 23.5 11.4 17.0#





#15
Phenanthrene
Concen: 0.443 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

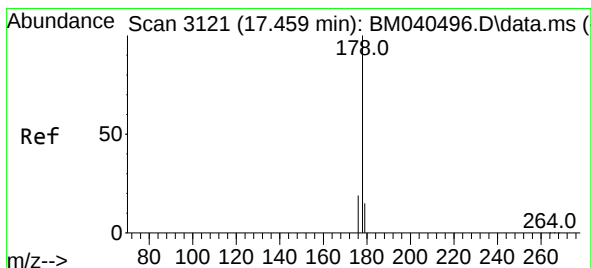
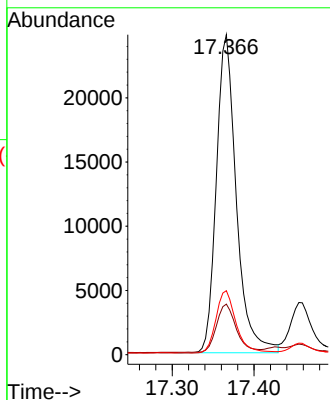
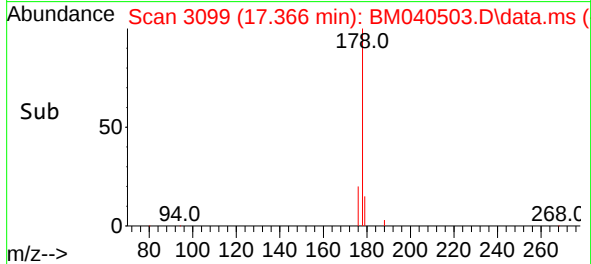
Instrument :
BNA_M
ClientSampleId :
DCF7DL



Tgt Ion:178 Resp: 41954
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.0 16.4 24.6

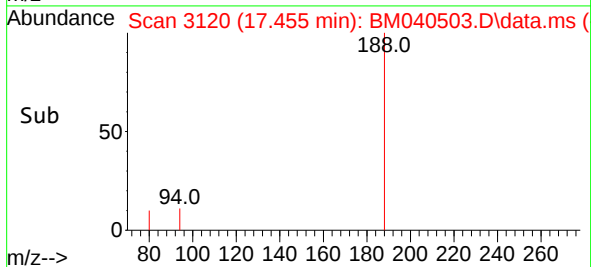
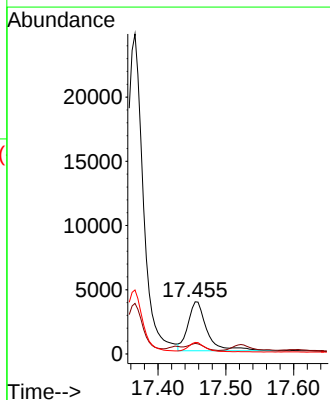
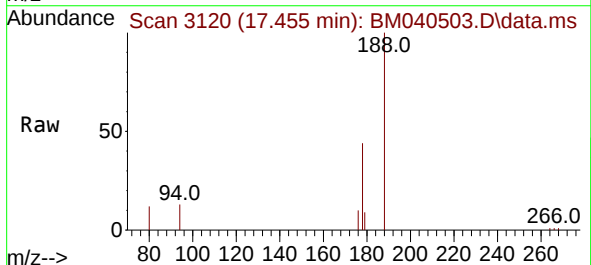
Manual Integrations
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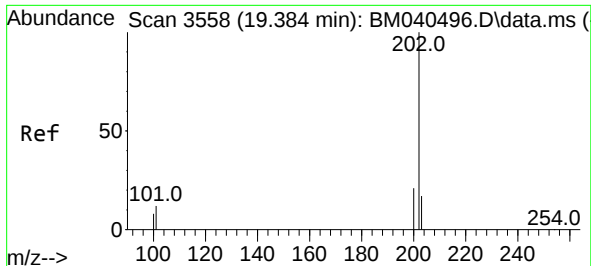
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

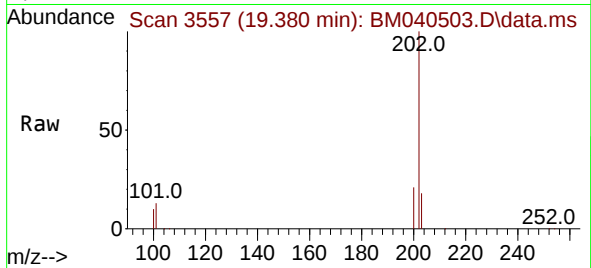
Tgt Ion:178 Resp: 7464
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 22.2 15.8 23.6





#19
Fluoranthene
Concen: 1.809 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

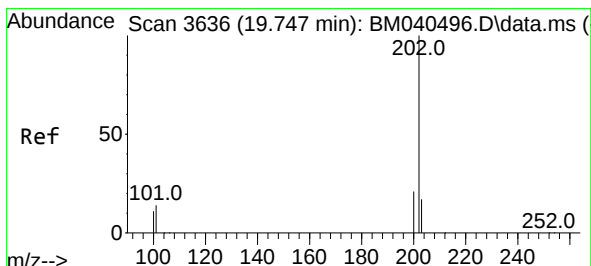
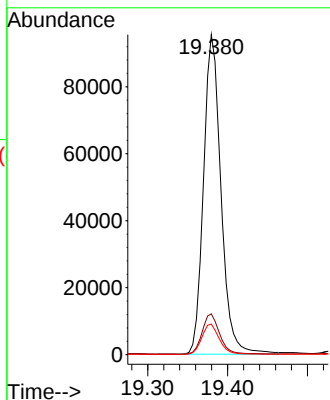
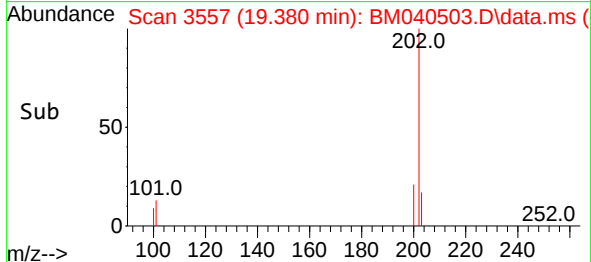
Instrument :
BNA_M
ClientSampleId :
DCFW7DL



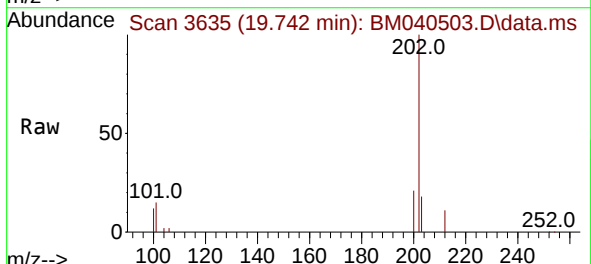
Tgt Ion:202 Resp: 144617
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

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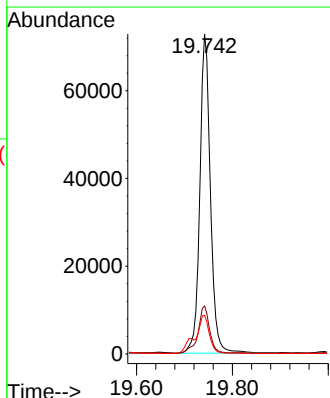
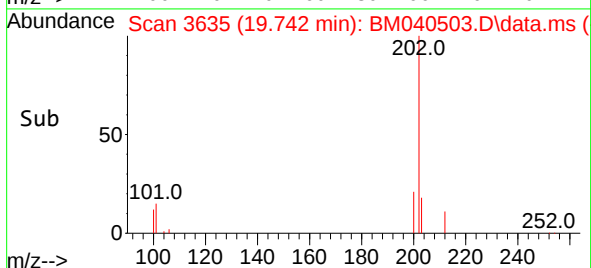
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

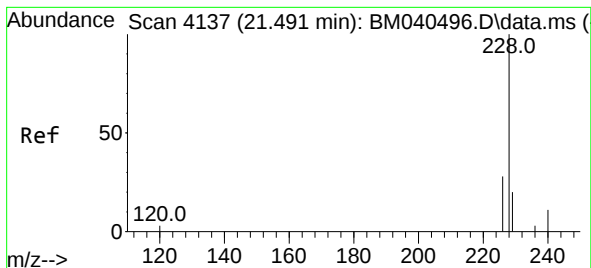


#20
Pyrene
Concen: 1.304 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54



Tgt Ion:202 Resp: 111761
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.857 ng/ul

RT: 21.489 min Scan# 4136

Delta R.T. -0.003 min

Lab File: BM040503.D

Acq: 01 Jul 2023 14:54

Instrument :

BNA_M

ClientSampleId :

DCF7DL

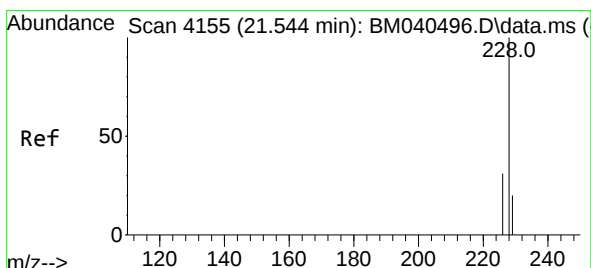
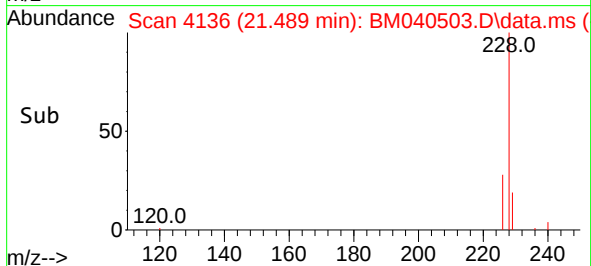
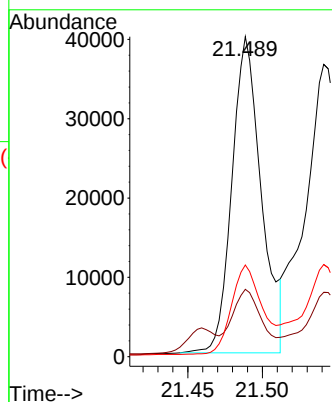
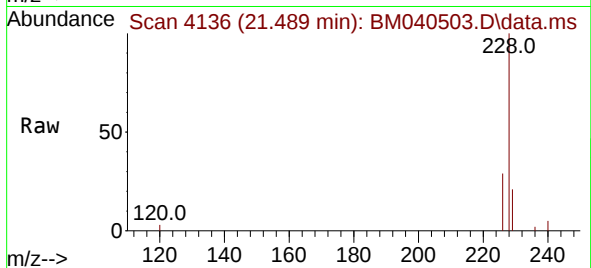
Tgt Ion:228 Resp: 54530

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	28.6	22.3	33.5

Manual Integrations

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#22

Chrysene

Concen: 0.861 ng/ul

RT: 21.541 min Scan# 4154

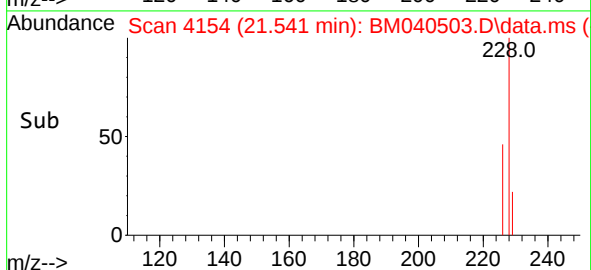
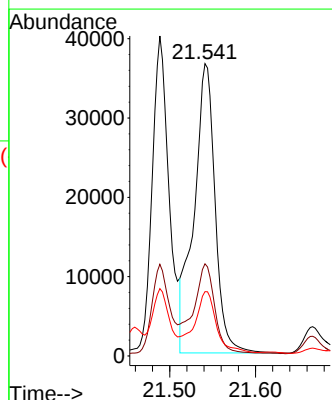
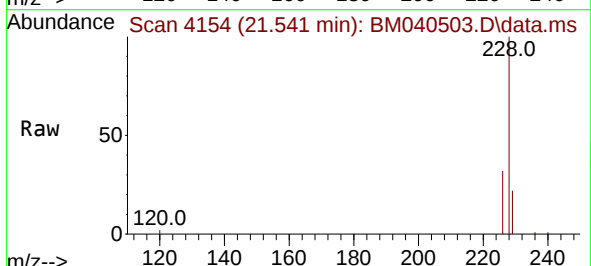
Delta R.T. -0.003 min

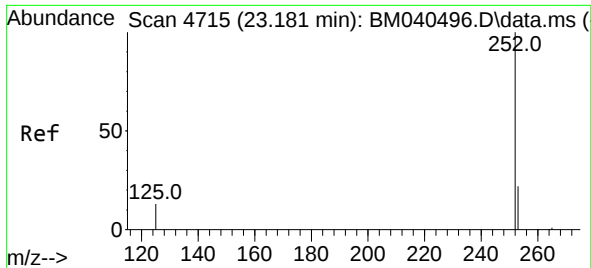
Lab File: BM040503.D

Acq: 01 Jul 2023 14:54

Tgt Ion:228 Resp: 62508

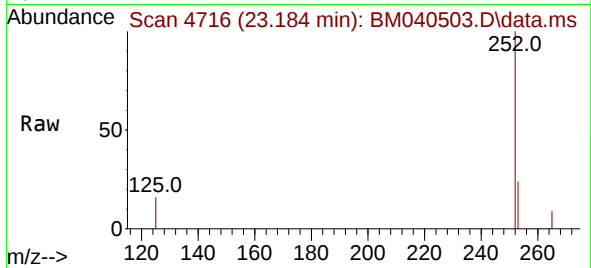
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 1.409 ng/ul
RT: 23.184 min Scan# 4715
Delta R.T. 0.003 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

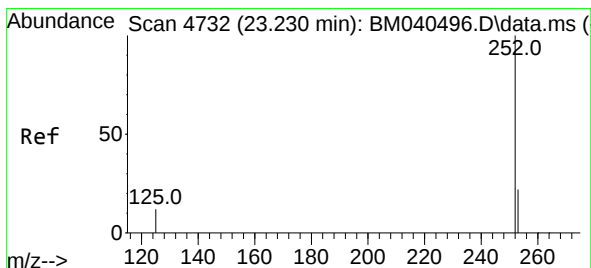
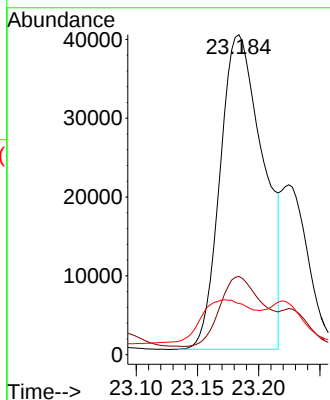
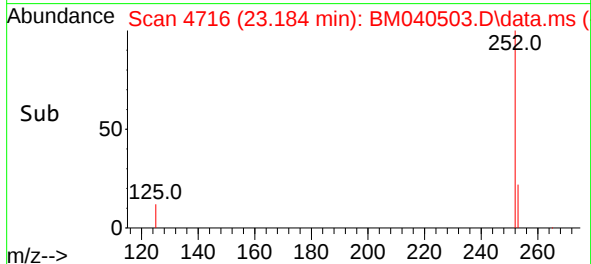
Instrument :
BNA_M
ClientSampleId :
DCF7DL



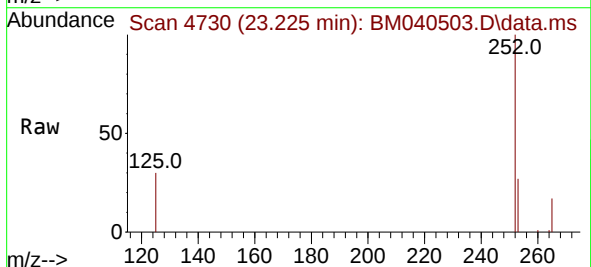
Tgt Ion:252 Resp: 9807
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.8
125 16.0 0.0 43.0

Manual Integrations
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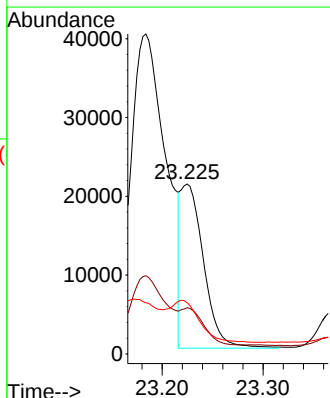
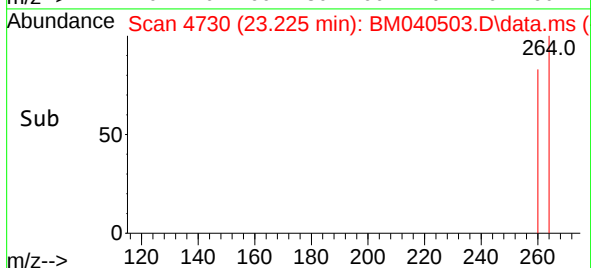
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

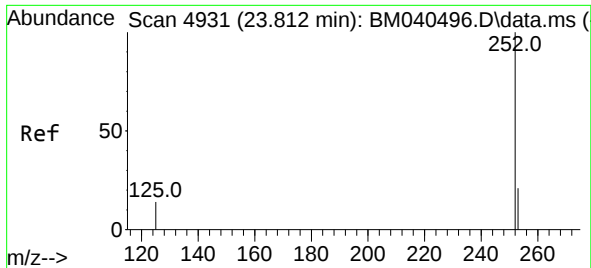


#25
Benzo(k)fluoranthene
Concen: 0.479 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54



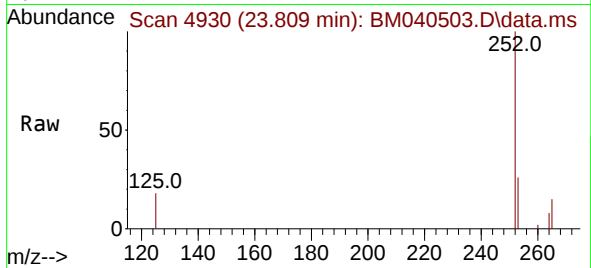
Tgt Ion:252 Resp: 32862
Ion Ratio Lower Upper
252 100
253 27.2 21.2 31.8
125 30.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.883 ng/ul
RT: 23.809 min Scan# 4931
Delta R.T. -0.003 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

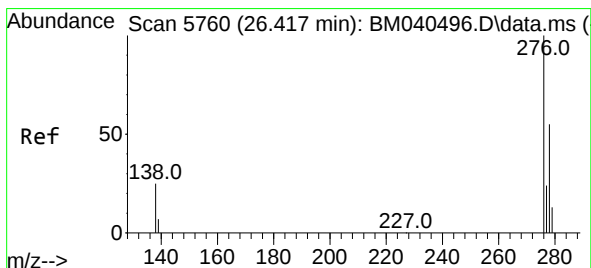
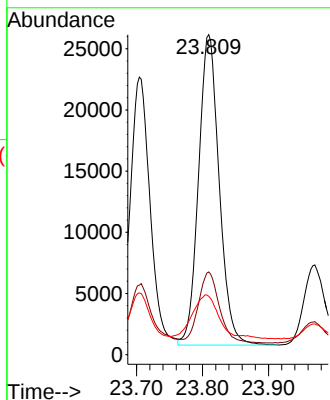
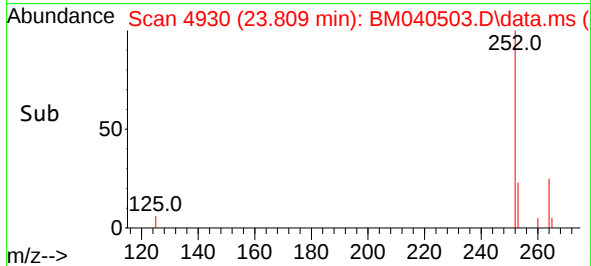
Instrument :
BNA_M
ClientSampleId :
DCFW7DL



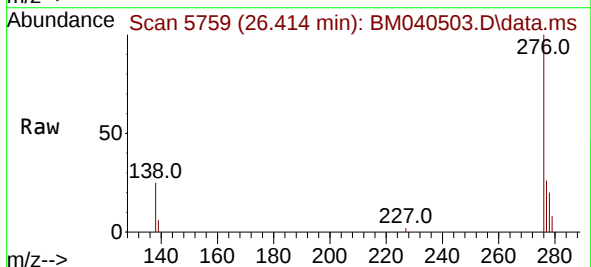
Tgt Ion:252 Resp: 5535
Ion Ratio Lower Upper
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125 18.2 21.0 31.4

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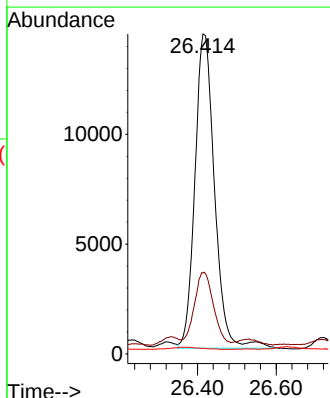
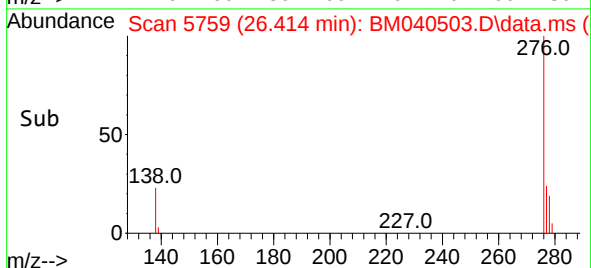
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

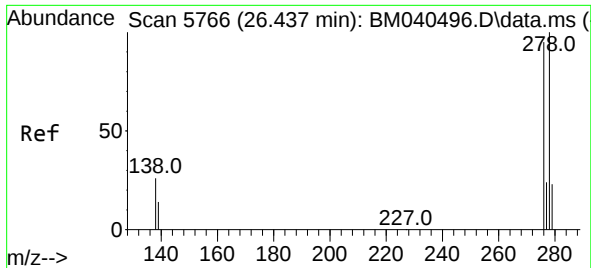


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.568 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54



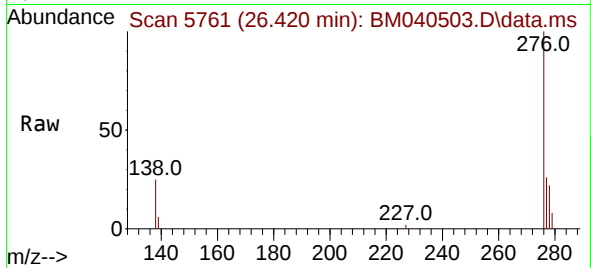
Tgt Ion:276 Resp: 49593
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.420 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54

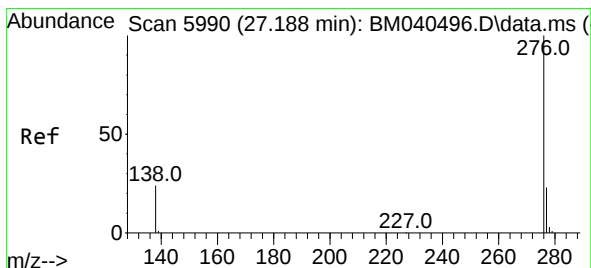
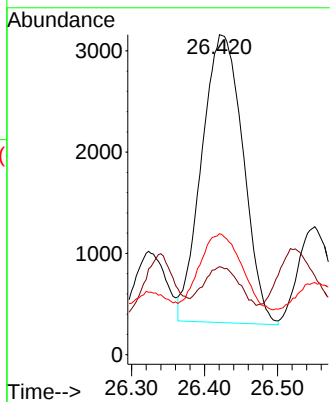
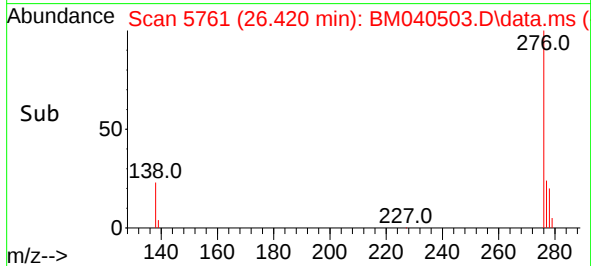
Instrument :
BNA_M
ClientSampleId :
DCFW7DL



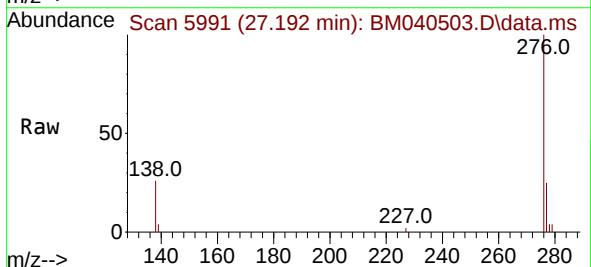
Tgt Ion:278 Resp: 1121
Ion Ratio Lower Upper
278 100
139 27.5 17.9 26.9
279 37.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 0.560 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040503.D
Acq: 01 Jul 2023 14:54



Tgt Ion:276 Resp: 42826
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.6
277 25.3 20.3 30.5

