

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040450.D
 Acq On : 29 Jun 2023 22:57
 Operator : MA/JU
 Sample : 03161-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:07:57 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	7.940	152	6047	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	21867	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	10296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	20612	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	12723	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	12044	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	17485	1.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4056	0.132	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	6194	0.152	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	2858	0.047	ng/ul#	83
7) 2-Methylnaphthalene	12.411	142	1246	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	880	0.025	ng/ul	98
10) Acenaphthylene	14.304	152	3383	0.074	ng/ul#	89
11) Acenaphthene	14.647	153	1085	0.028	ng/ul	95
12) Fluorene	15.632	166	1115	0.027	ng/ul#	92
15) Phenanthrene	17.370	178	27961	0.437	ng/ul	99
16) Anthracene	17.463	178	5981	0.111	ng/ul#	93
19) Fluoranthene	19.384	202	96257	1.781	ng/ul	97
20) Pyrene	19.747	202	70796m	1.222	ng/ul	
21) Benzo(a)anthracene	21.489	228	43528	1.011	ng/ul	98
22) Chrysene	21.544	228	47317	0.964	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	66627	1.429	ng/ul	97
25) Benzo(k)fluoranthene	23.225	252	24901m	0.542	ng/ul	
26) Benzo(a)pyrene	23.809	252	38954	0.928	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.424	276	34702	0.593	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.434	278	8559	0.187	ng/ul#	79
29) Benzo(g,h,i)perylene	27.198	276	30576	0.597	ng/ul	99

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

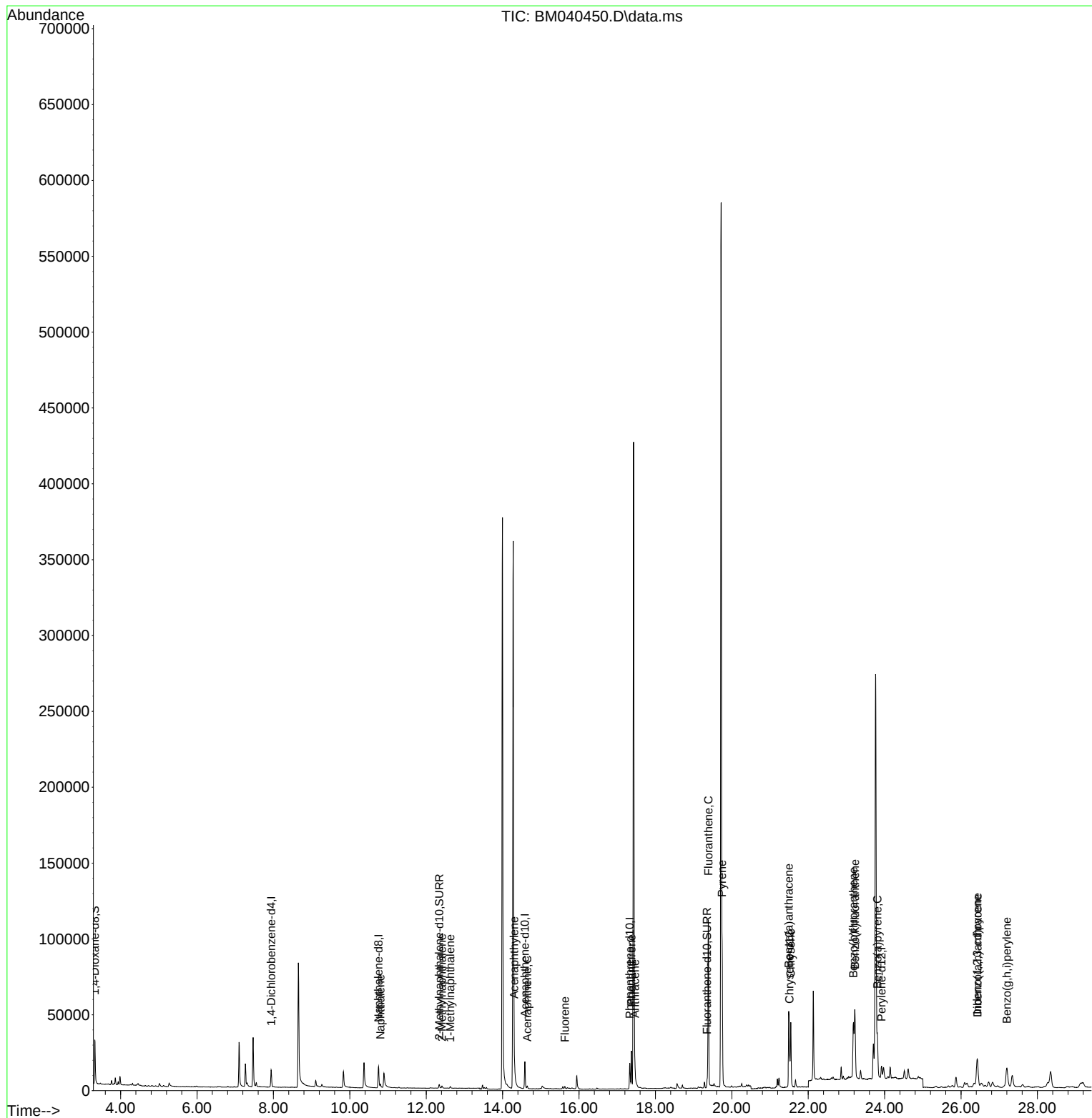
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040450.D
Acq On : 29 Jun 2023 22:57
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ALS Vial : 24 Sample Multiplier: 1

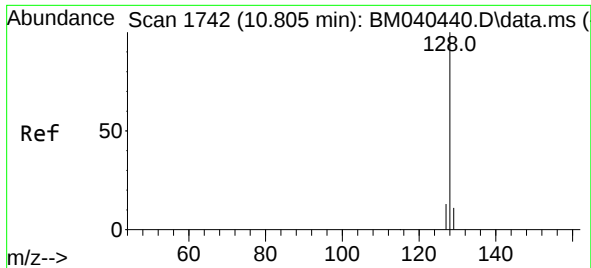
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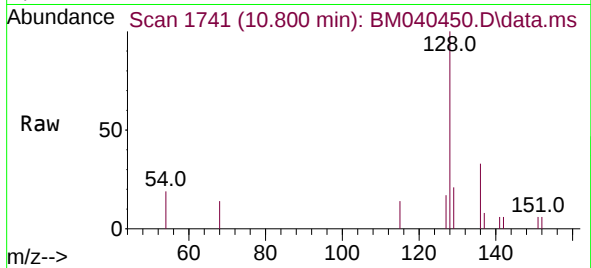
Quant Time: Jun 30 03:07:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

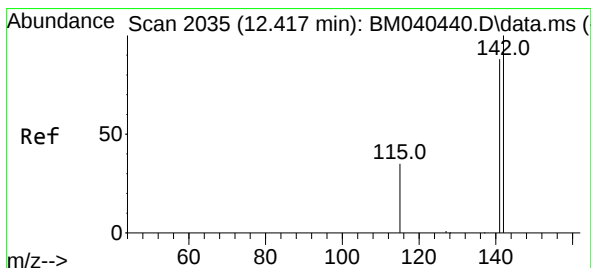
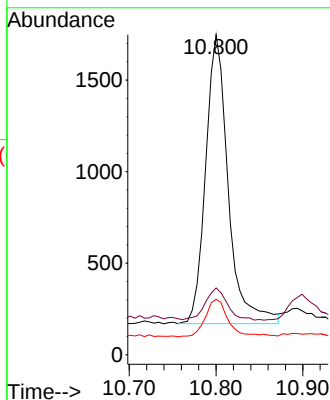
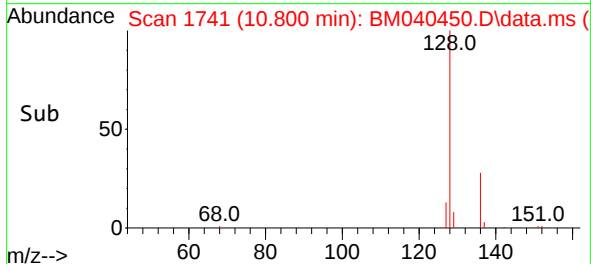
Instrument :
BNA_M
ClientSampleId :
DCFW0



Tgt Ion:128 Resp: 285
Ion Ratio Lower Upper
128 100
129 20.9 9.2 13.8
127 17.3 10.6 15.8

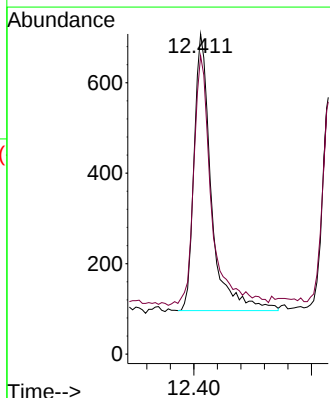
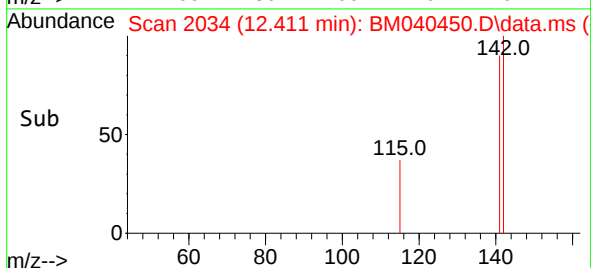
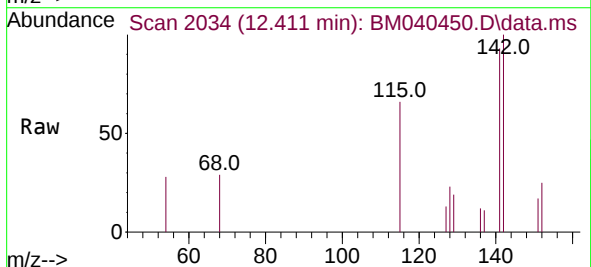
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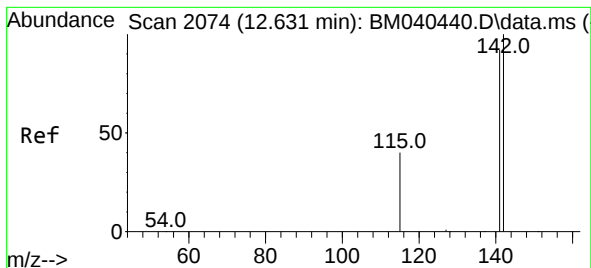
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

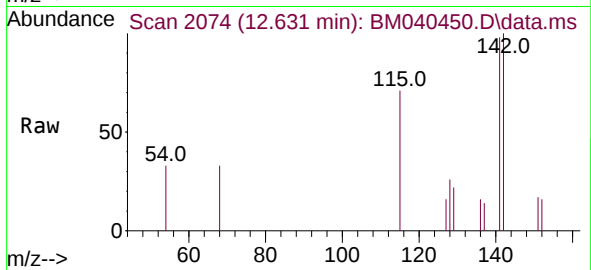
Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
141 93.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

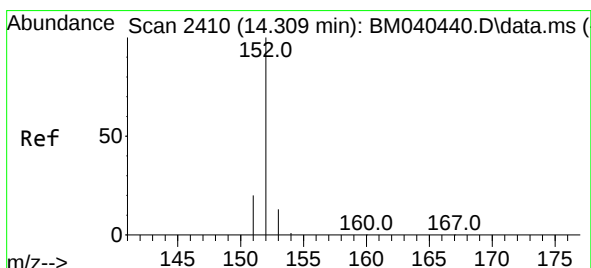
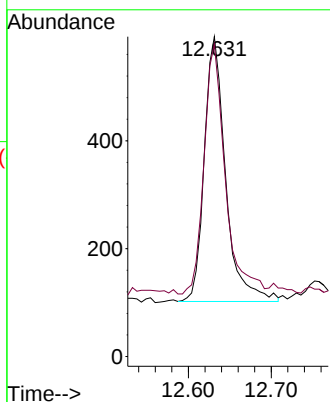
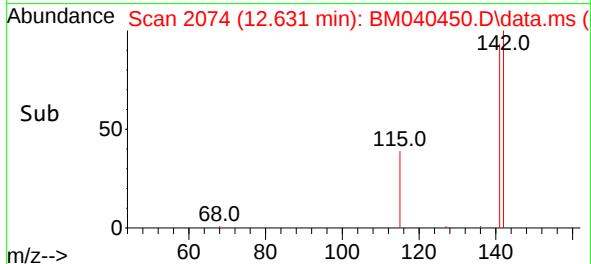
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 880
Ion Ratio Lower Upper
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141 93.8 73.7 110.5

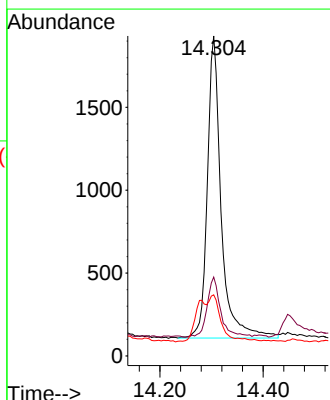
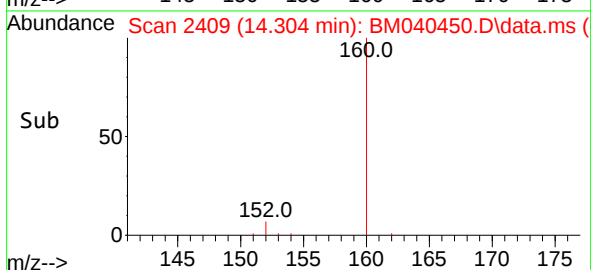
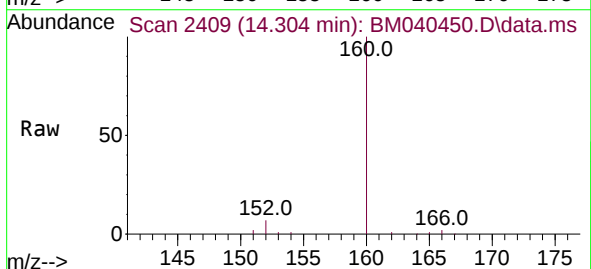
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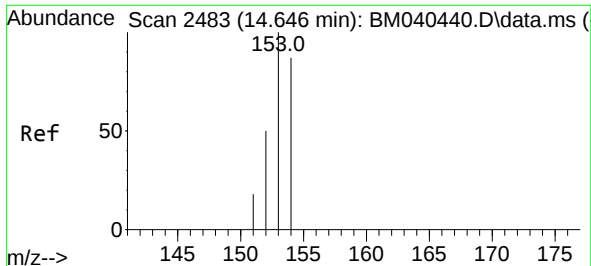
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

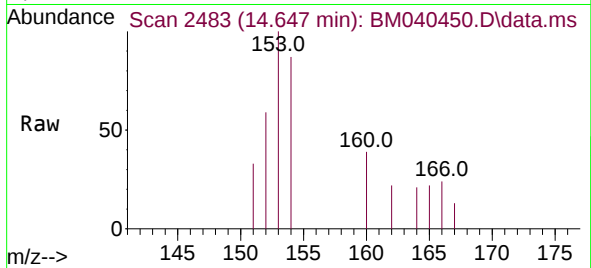
Tgt Ion:152 Resp: 3383
Ion Ratio Lower Upper
152 100
151 24.7 16.2 24.2#
153 19.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

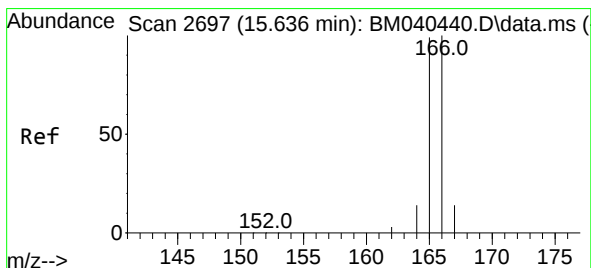
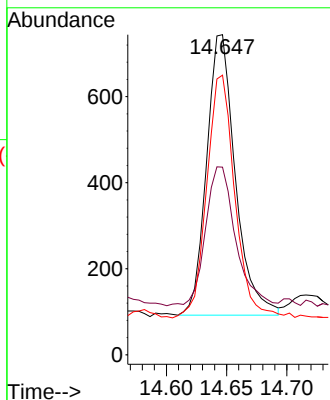
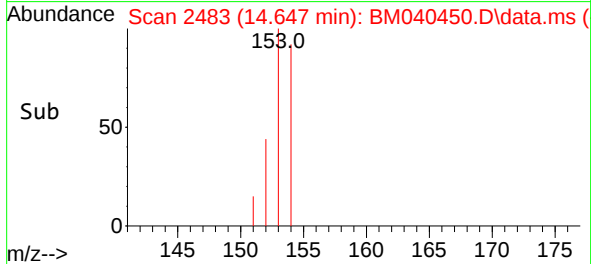
Instrument :
BNA_M
ClientSampleId :
DCFW0



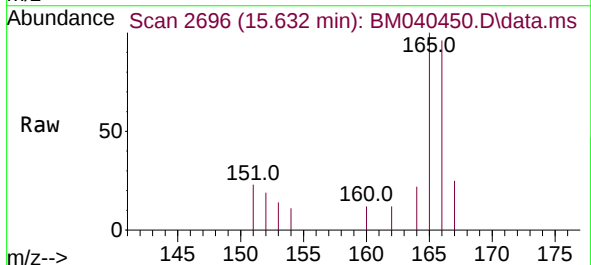
Tgt Ion:153 Resp: 1085
Ion Ratio Lower Upper
153 100
152 58.6 41.0 61.4
154 87.4 70.8 106.2

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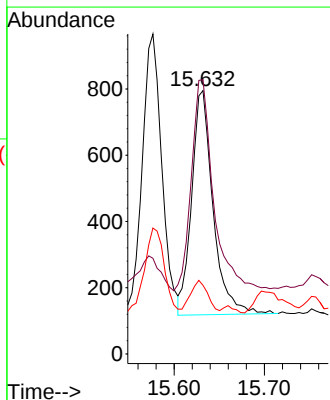
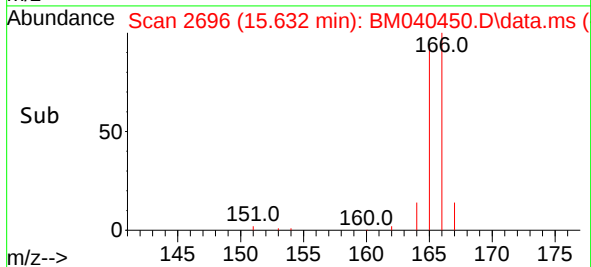
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

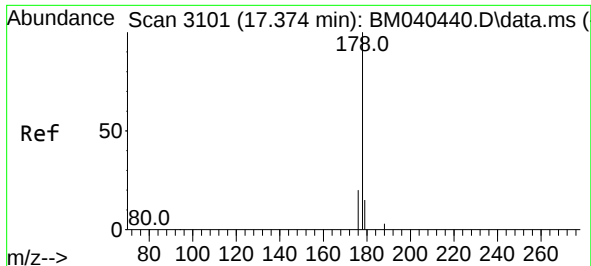


#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57



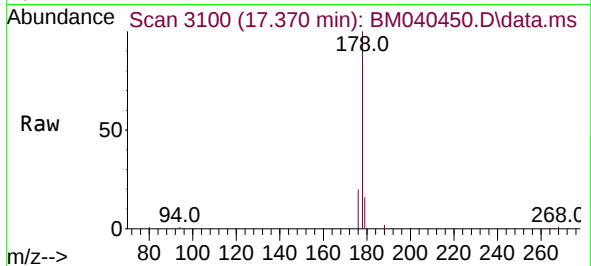
Tgt Ion:166 Resp: 1115
Ion Ratio Lower Upper
166 100
165 104.2 79.6 119.4
167 26.0 11.4 17.0#





#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

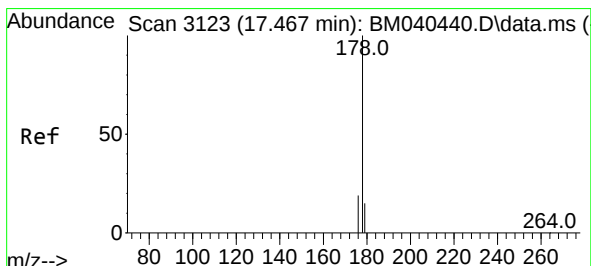
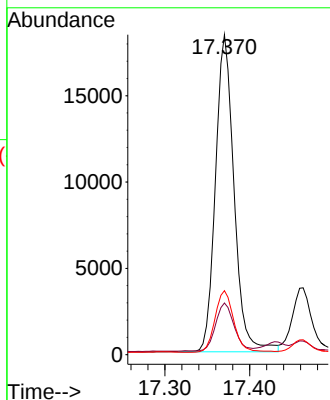
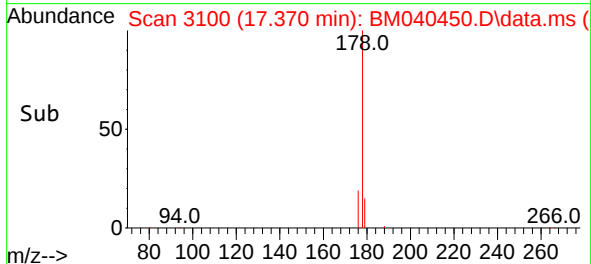
Instrument :
BNA_M
ClientSampleId :
DCFV0



Tgt Ion:178 Resp: 2796
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 20.0 16.4 24.6

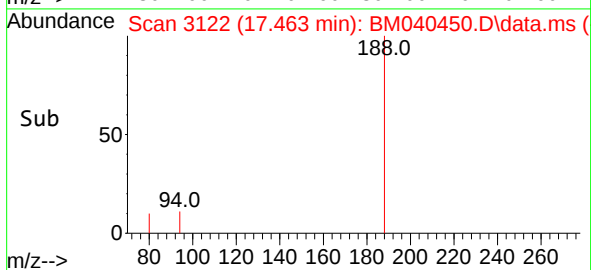
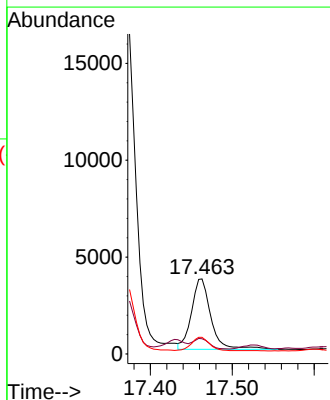
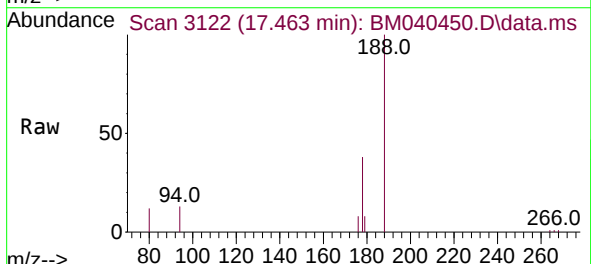
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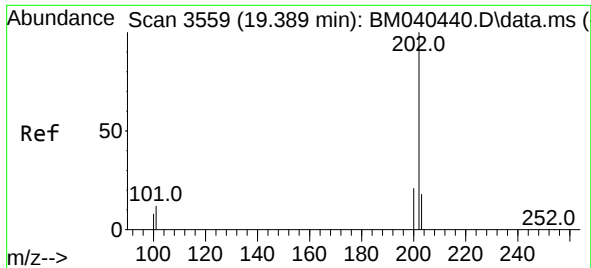
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.111 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:178 Resp: 5981
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 22.2 15.8 23.6





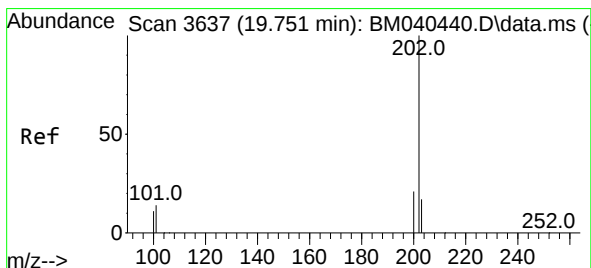
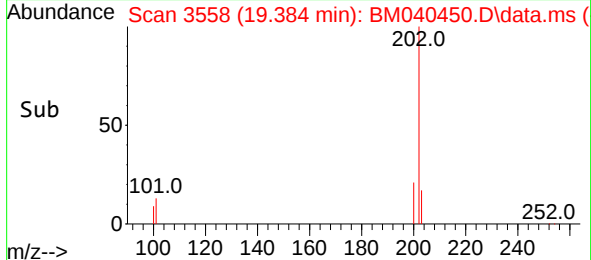
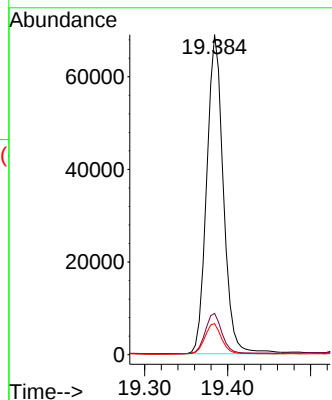
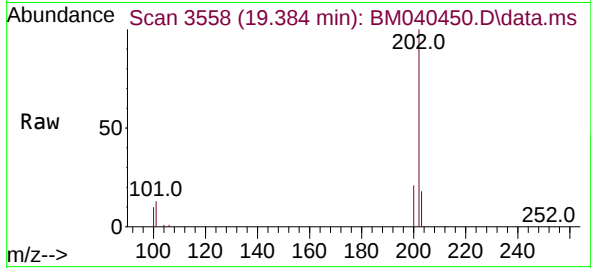
#19
Fluoranthene
Concen: 1.781 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFV0

Tgt Ion:202 Resp: 9625
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.7 8.7 13.1

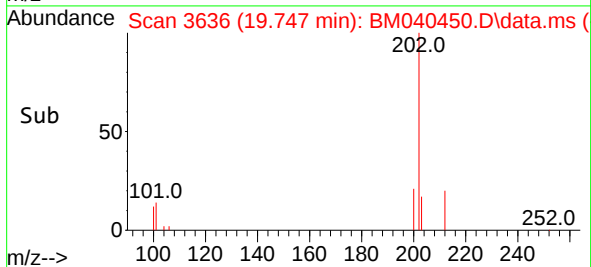
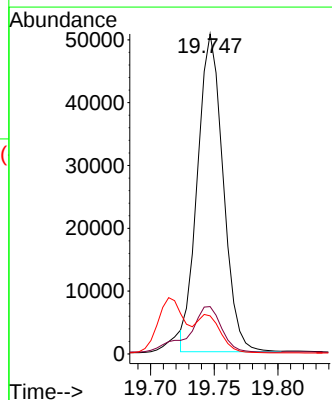
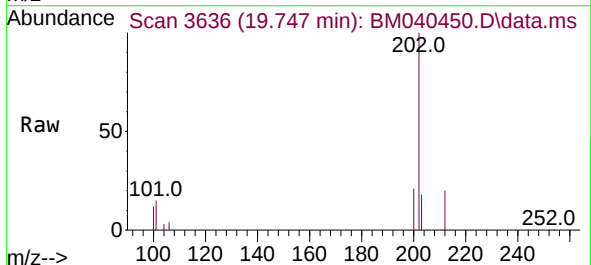
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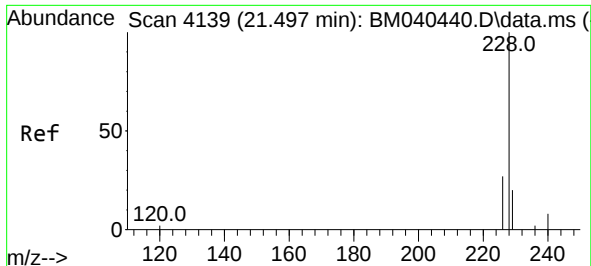
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 1.222 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

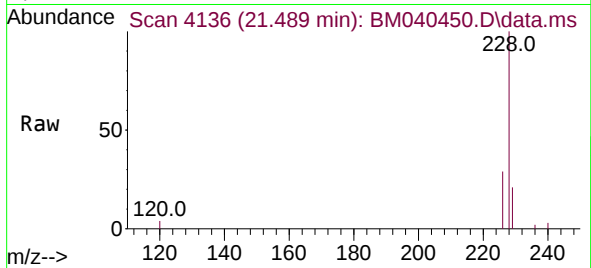
Tgt Ion:202 Resp: 70796
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.011 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.012 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

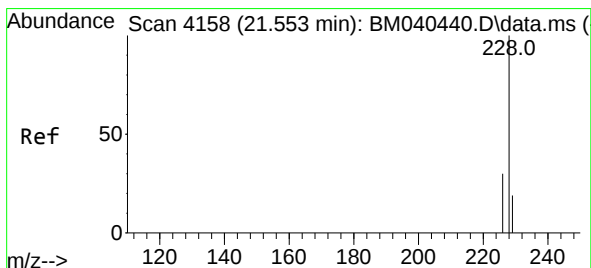
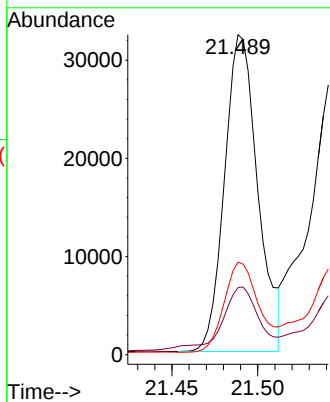
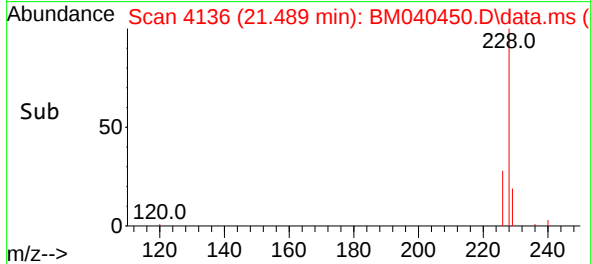
Instrument :
BNA_M
ClientSampleId :
DCFW0



Tgt Ion:228 Resp: 43528
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 28.9 22.3 33.5

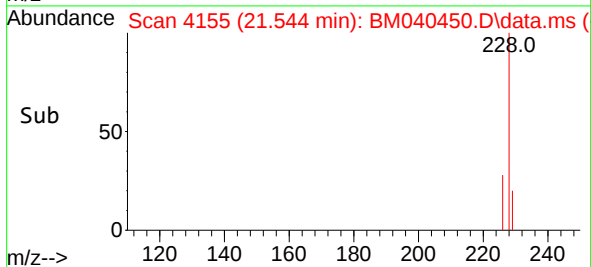
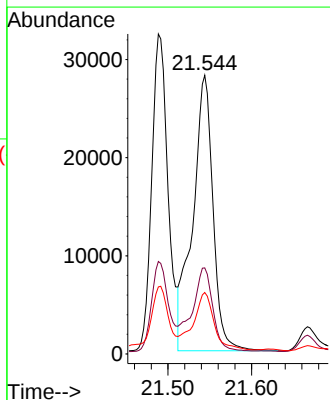
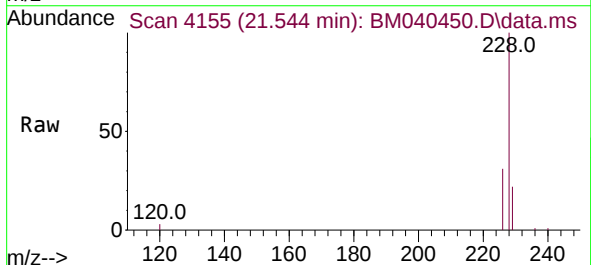
Manual Integrations
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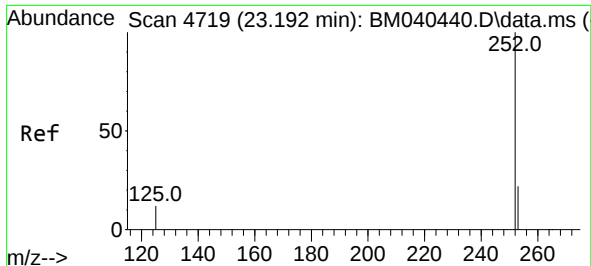
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.964 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

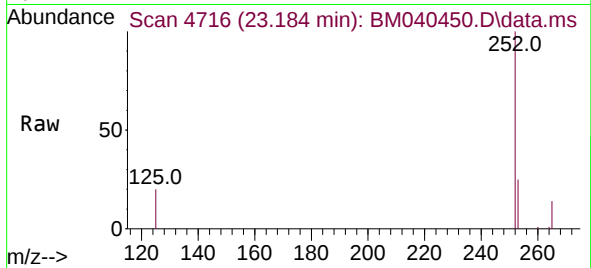
Tgt Ion:228 Resp: 47317
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.429 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

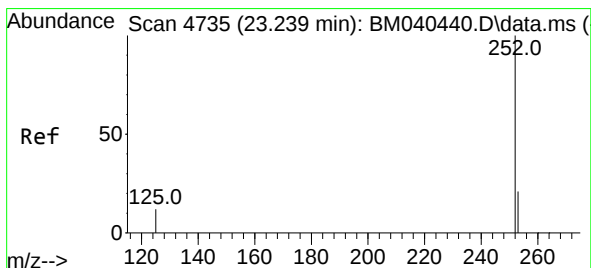
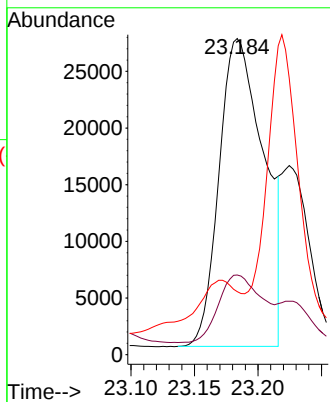
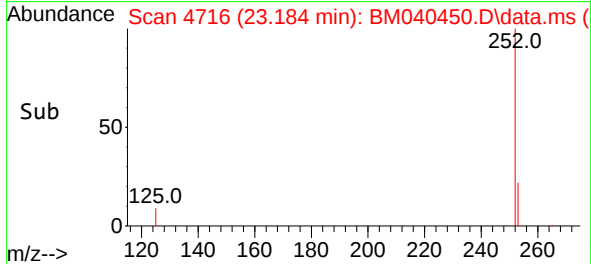
Instrument :
BNA_M
ClientSampleId :
DCFW0



Tgt Ion:252 Resp: 6662
Ion Ratio Lower Upper
252 100
253 25.2 0.0 52.8
125 19.9 0.0 43.0

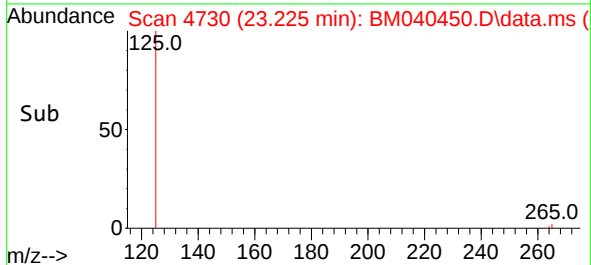
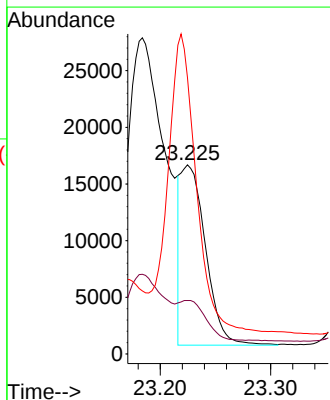
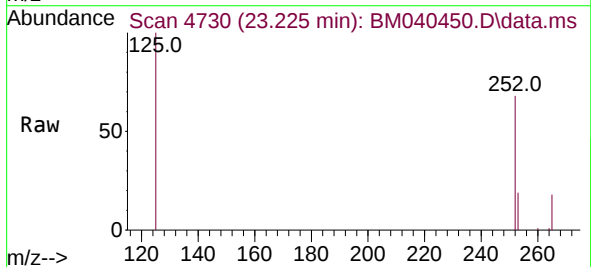
Manual Integrations
APPROVED

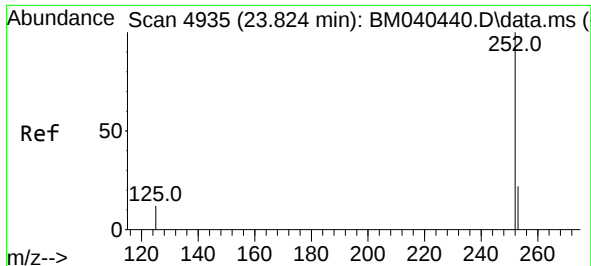
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.542 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.018 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

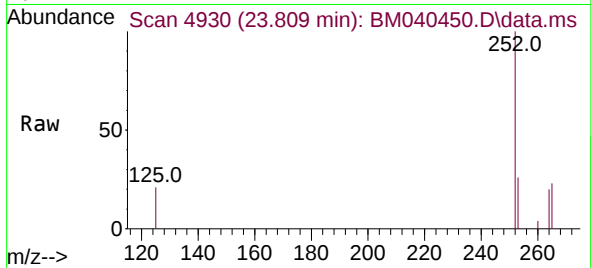
Tgt Ion:252 Resp: 24901
Ion Ratio Lower Upper
252 100
253 28.2 21.2 31.8
125 146.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.928 ng/ul
RT: 23.809 min Scan# 4935
Delta R.T. -0.015 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

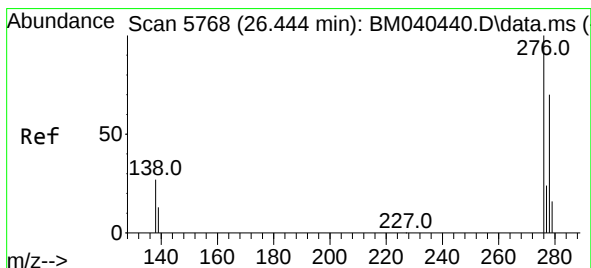
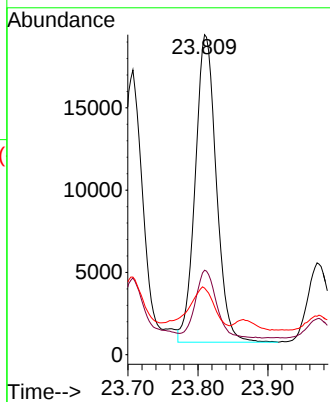
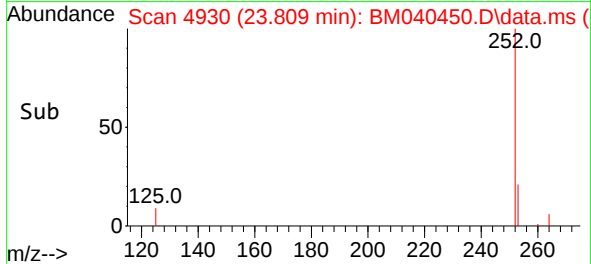
Instrument :
BNA_M
ClientSampleId :
DCFW0



Tgt Ion:252 Resp: 38954
Ion Ratio Lower Upper
252 100
253 26.4 22.9 34.3
125 20.8 21.0 31.4

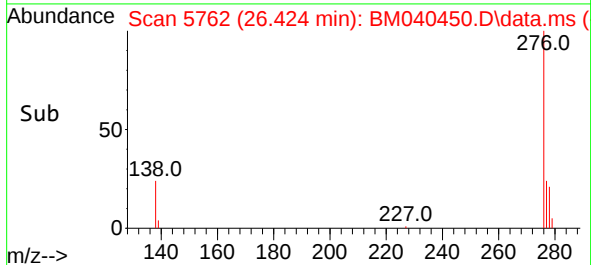
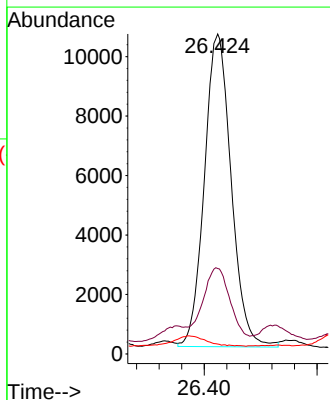
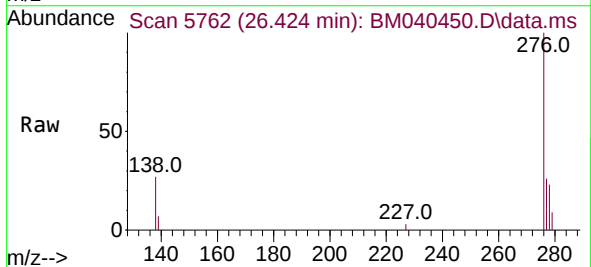
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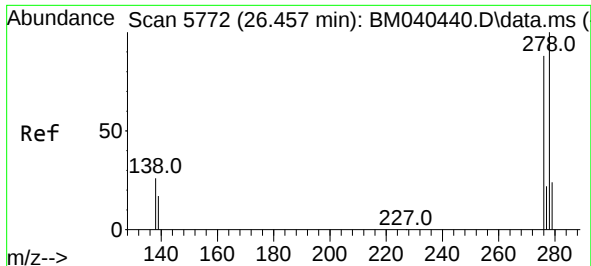
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.593 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

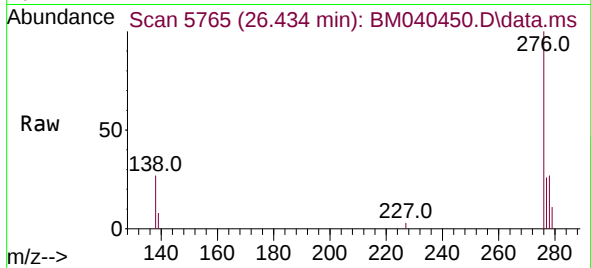
Tgt Ion:276 Resp: 34702
Ion Ratio Lower Upper
276 100
138 23.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

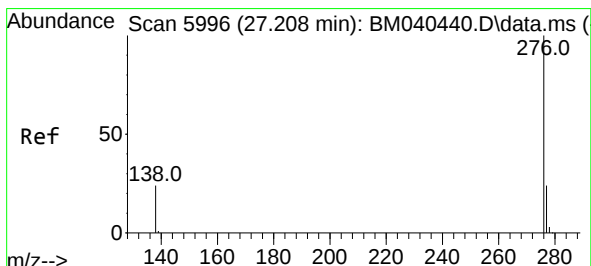
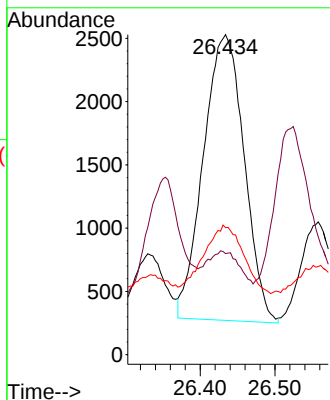
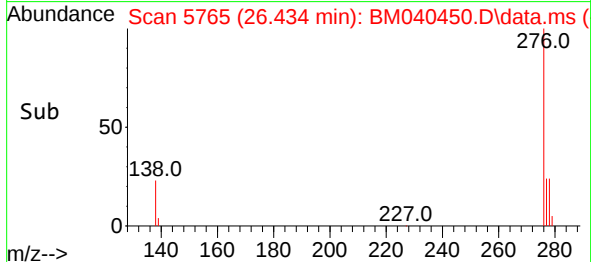
Instrument :
BNA_M
ClientSampleId :
DCFW0



Tgt Ion:278 Resp: 855
Ion Ratio Lower Upper
278 100
139 31.6 17.9 26.9
279 39.7 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.597 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:276 Resp: 30576
Ion Ratio Lower Upper
276 100
138 29.0 23.0 34.6
277 25.8 20.3 30.5

