

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042210.D
 Acq On : 05 Oct 2023 10:23
 Operator : MA/JU
 Sample : 04588-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHT7DL

Manual Integrations
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Reviewed By :Yogesh
 Patel

Quant Time: Oct 06 05:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							10/07/2023
1) 1,4-Dichlorobenzene-d4	7.924	152	3243	0.400	ng/ul	# 0.00	Supervised By :mohammad Ahmed
4) Naphthalene-d8	10.735	136	7668	0.400	ng/ul	# 0.00	
9) Acenaphthene-d10	14.573	164	4208	0.400	ng/ul	# 0.00	
13) Phenanthrene-d10	17.329	188	8338	0.400	ng/ul	#-0.01	
17) Chrysene-d12	21.509	240	4281	0.400	ng/ul	# 0.00	
23) Perylene-d12	23.912	264	3975	0.400	ng/ul	0.00	10/07/2023
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.355	96	3340	0.773	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.319	152	487	0.046	ng/ul	-0.01	
18) Fluoranthene-d10	19.352	212	343	0.021	ng/ul	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	217	0.048	ng/ul#	66	
5) Naphthalene	10.790	128	50474	1.973	ng/ul#	82	
7) 2-Methylnaphthalene	12.396	142	113388	7.403	ng/ul	98	
8) 1-Methylnaphthalene	12.616	142	108389	7.025	ng/ul	100	
10) Acenaphthylene	14.287	152	2492	0.094	ng/ul#	1	
11) Acenaphthene	14.638	153	5905	0.293	ng/ul#	77	
12) Fluorene	15.624	166	10911	0.481	ng/ul#	91	
15) Phenanthrene	17.371	178	18079	0.526	ng/ul#	94	
16) Anthracene	17.464	178	1196	0.038	ng/ul#	53	
19) Fluoranthene	19.380	202	1500	0.046	ng/ul#	73	
20) Pyrene	19.747	202	3334m	0.096	ng/ul		
21) Benzo(a)anthracene	21.495	228	1285	0.046	ng/ul#	75	
22) Chrysene	21.547	228	976	0.036	ng/ul#	71	
24) Benzo(b)fluoranthene	23.172	252	1245	0.053	ng/ul#	1	
25) Benzo(k)fluoranthene	23.222	252	586	0.025	ng/ul#	1	
26) Benzo(a)pyrene	23.804	252	641	0.032	ng/ul#	1	
29) Benzo(g,h,i)perylene	27.186	276	958	0.040	ng/ul#	49	

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

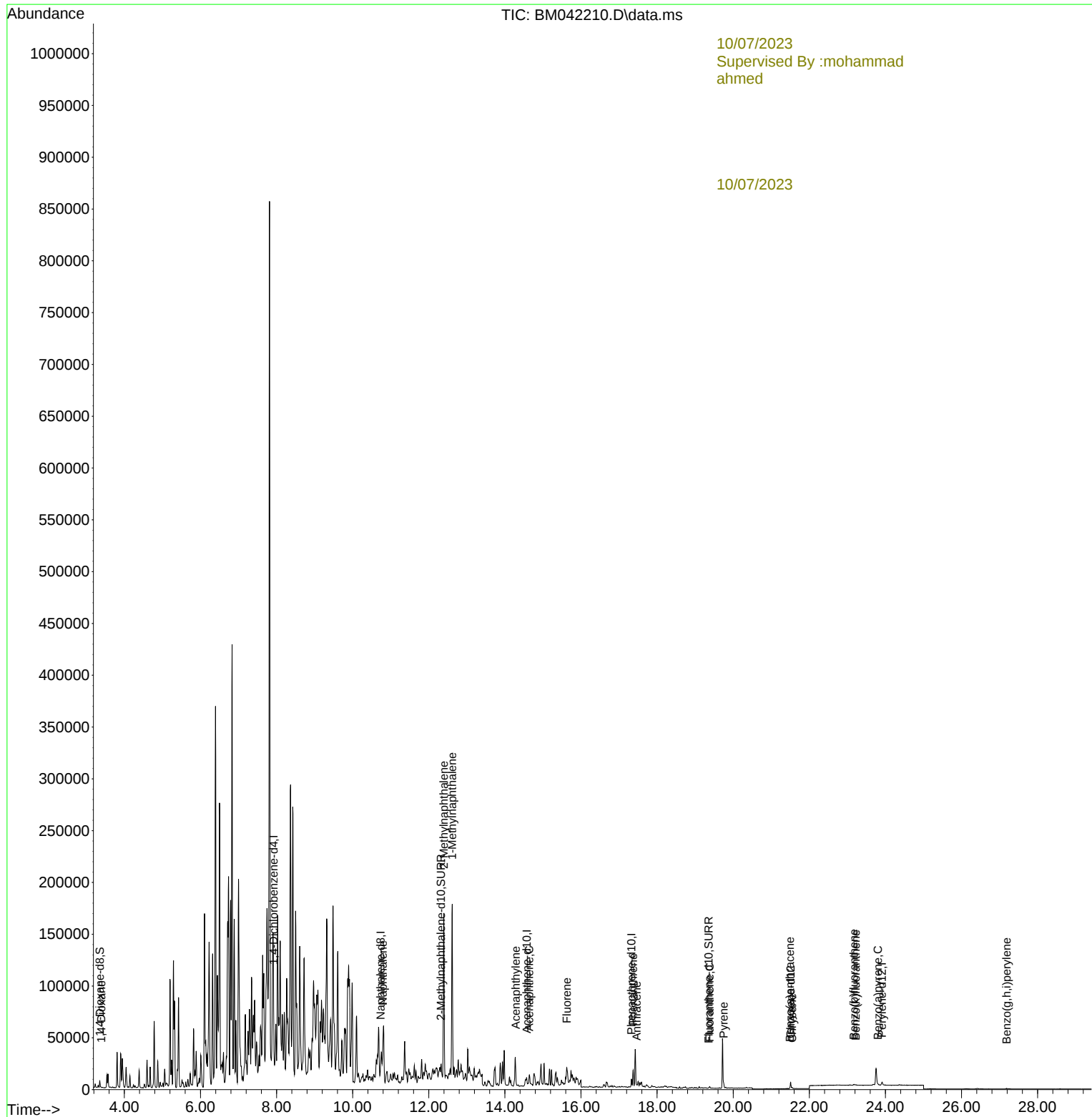
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042210.D
Acq On : 05 Oct 2023 10:23
Operator : MA/JU
Sample : 04588-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

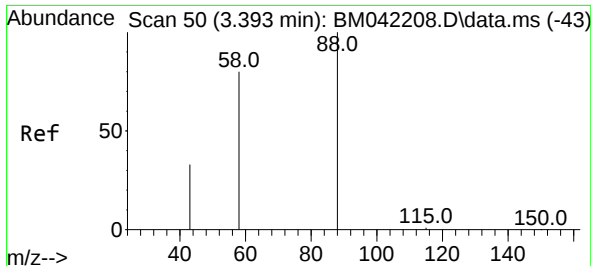
Instrument :
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ClientSampleId :
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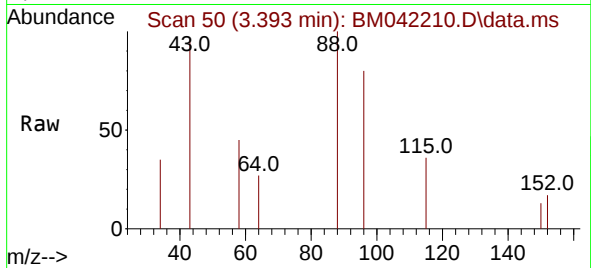
Quant Time: Oct 06 05:26:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.048 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

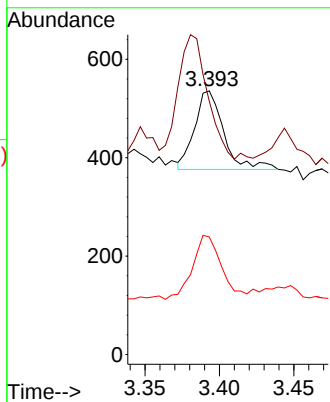
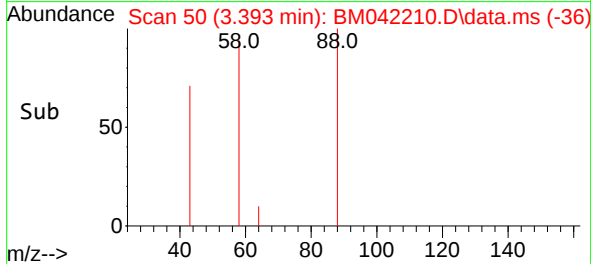
Instrument :
BNA_M
ClientSampleId :
BBHT7DL



Tgt Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
43 96.1 52.1 78.1#
58 44.6 53.8 80.6#

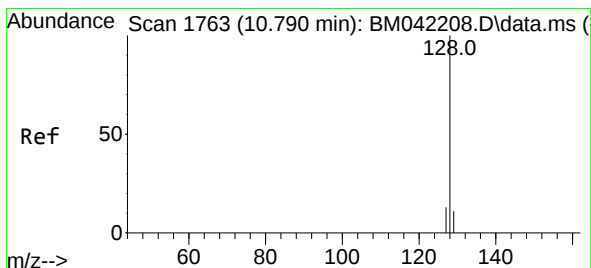
Manual Integrations
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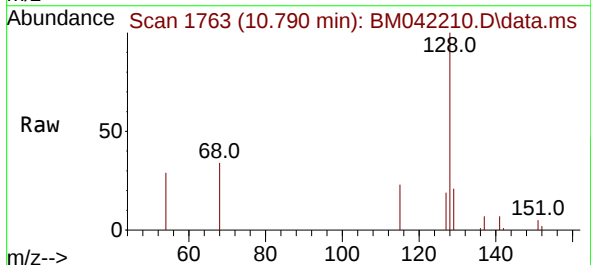


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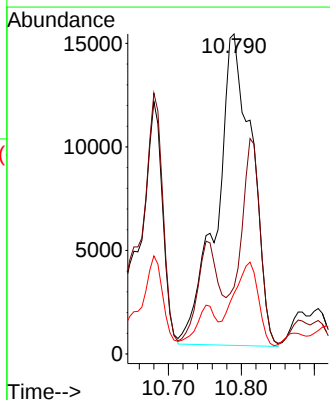
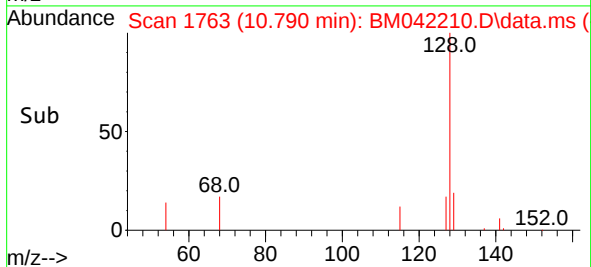
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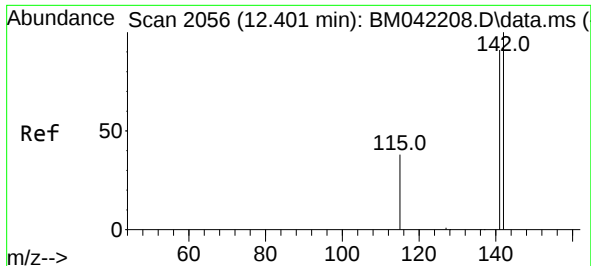


#5
Naphthalene
Concen: 1.973 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23



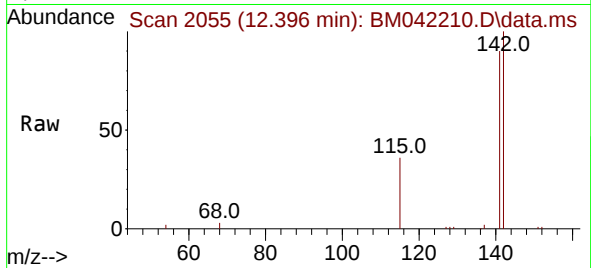
Tgt Ion:128 Resp: 50474
Ion Ratio Lower Upper
128 100
129 20.9 9.4 14.2#
127 19.0 11.0 16.4#





#7
2-Methylnaphthalene
Concen: 7.403 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

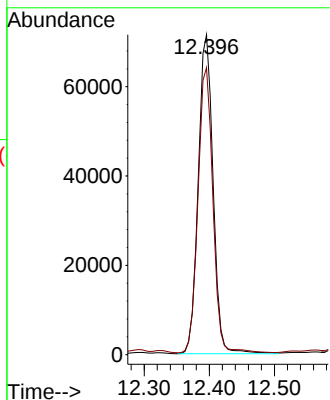
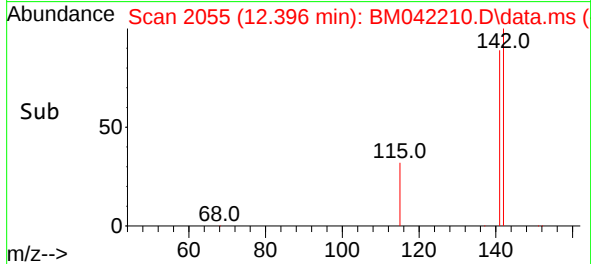
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 113388
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4

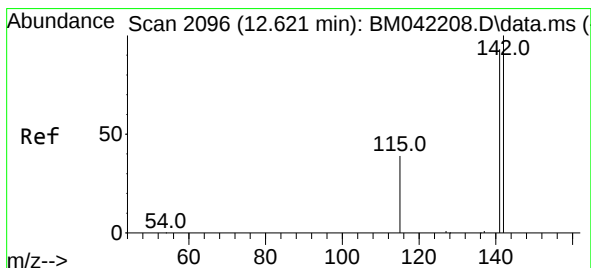
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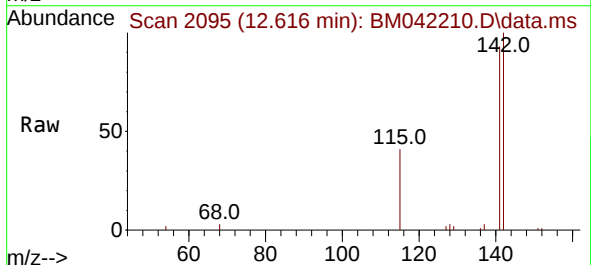


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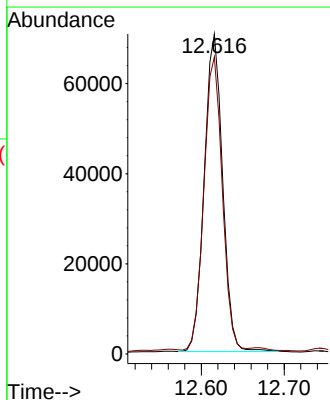
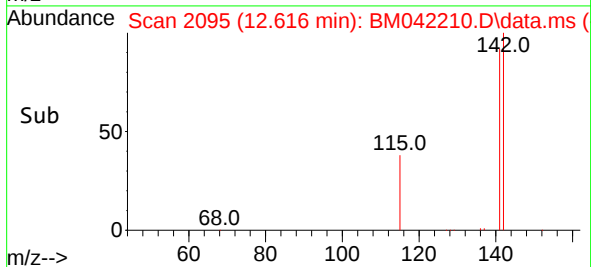
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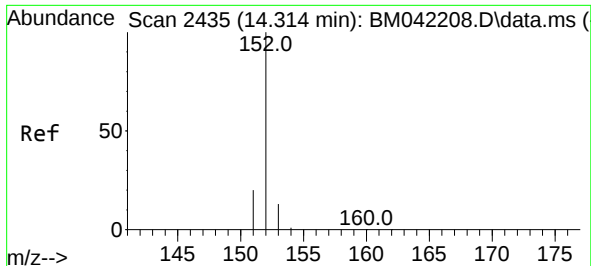


#8
1-Methylnaphthalene
Concen: 7.025 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23



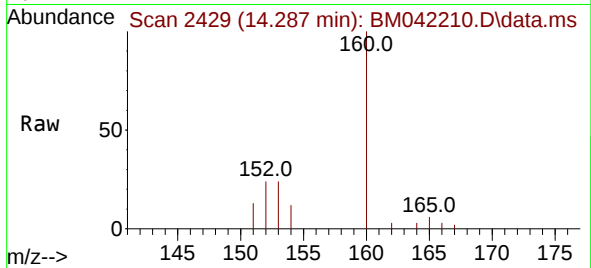
Tgt Ion:142 Resp: 108389
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3





#10
Acenaphthylene
Concen: 0.094 ng/u1
RT: 14.287 min Scan# 2492
Delta R.T. -0.028 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

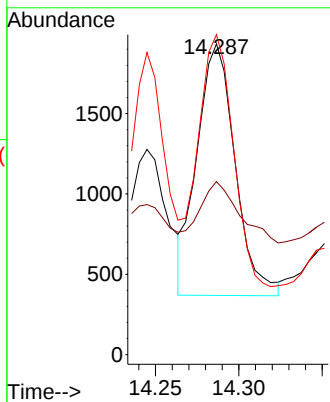
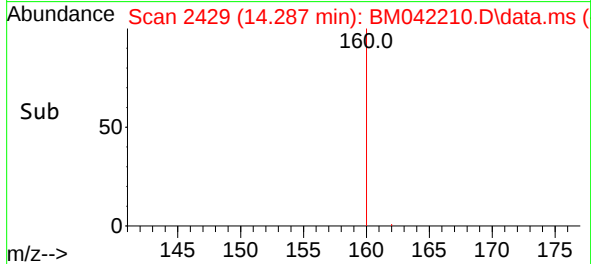
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 2492
Ion Ratio Lower Upper
152 100
151 55.7 16.4 24.6#
153 102.9 10.9 16.3#

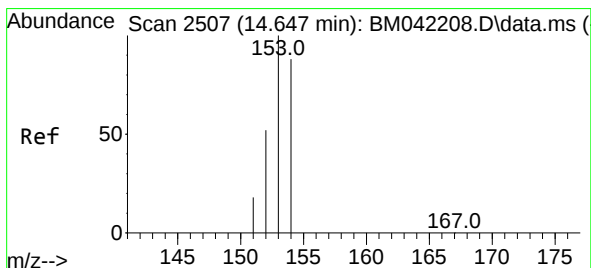
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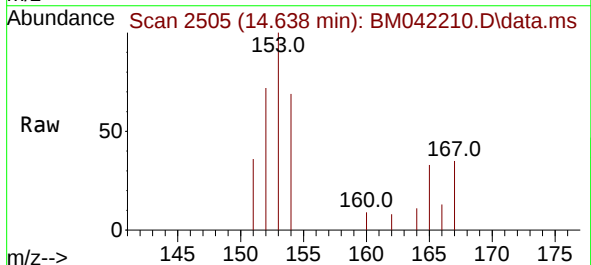


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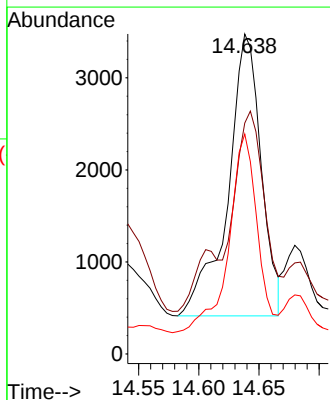
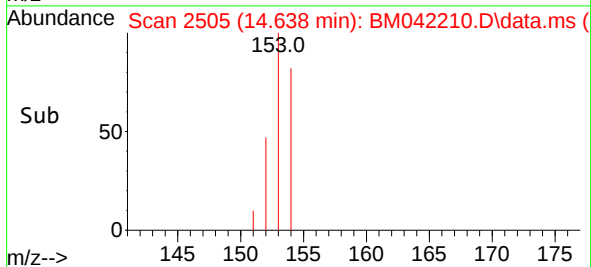
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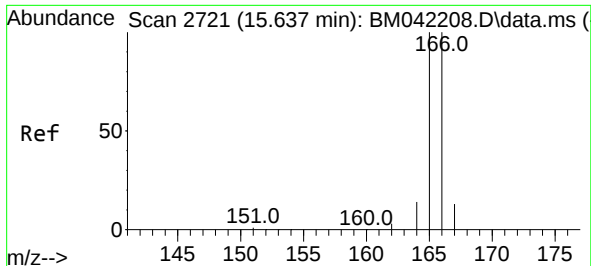


#11
Acenaphthene
Concen: 0.293 ng/u1
RT: 14.638 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23



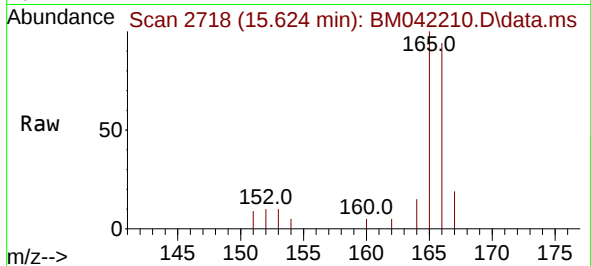
Tgt Ion:153 Resp: 5905
Ion Ratio Lower Upper
153 100
152 72.1 41.1 61.7#
154 68.8 69.5 104.3#





#12
Fluorene
Concen: 0.481 ng/ul
RT: 15.624 min Scan# 2718
Delta R.T. -0.014 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

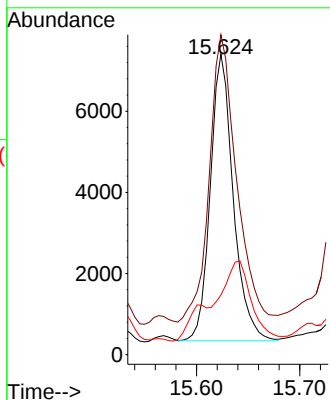
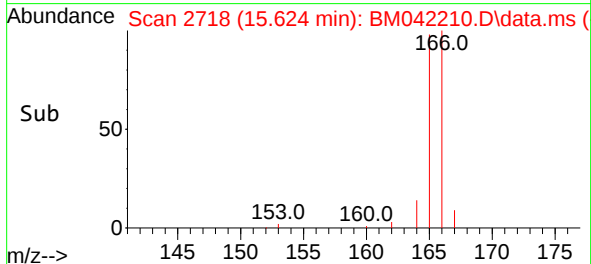
Instrument :
BNA_M
ClientSampleId :
BBHT7DL



Tgt Ion:166 Resp: 1091
Ion Ratio Lower Upper
166 100
165 106.5 78.4 117.6
167 19.9 11.5 17.3

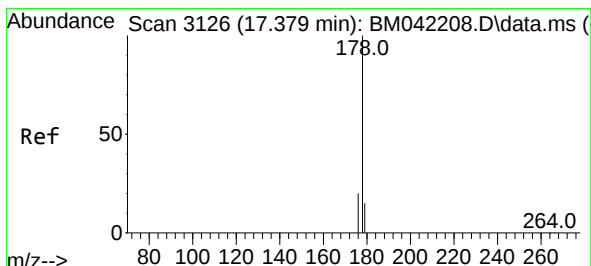
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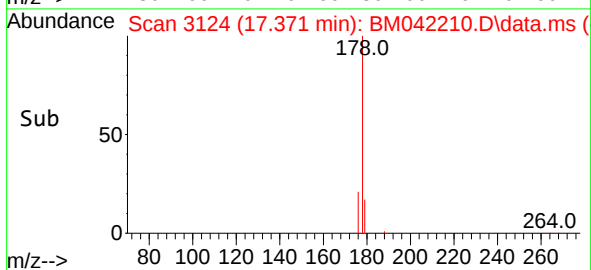
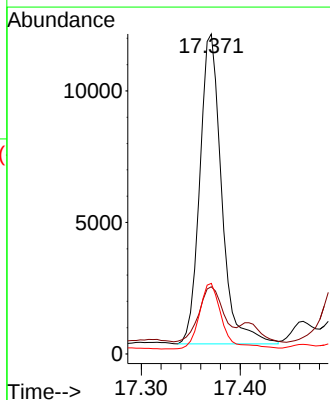
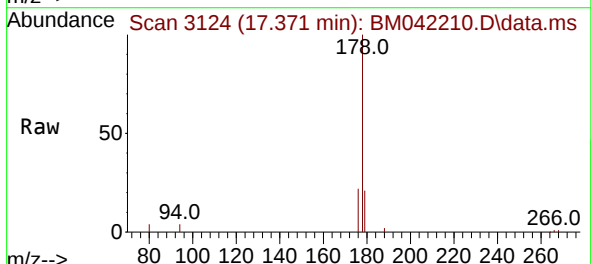
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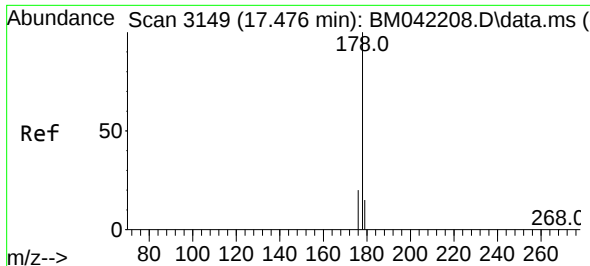
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#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

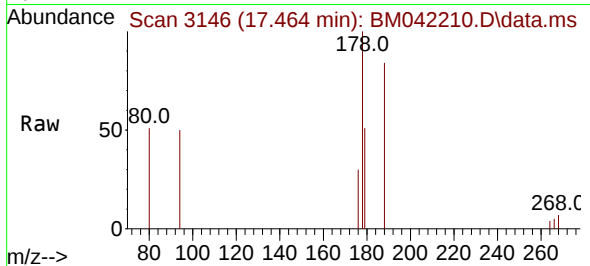
Tgt Ion:178 Resp: 18079
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.4#
176 22.0 16.8 25.2





#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.464 min Scan# 3146
 Delta R.T. -0.013 min
 Lab File: BM042210.D
 Acq: 05 Oct 2023 10:23

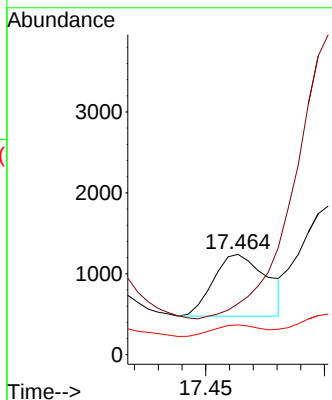
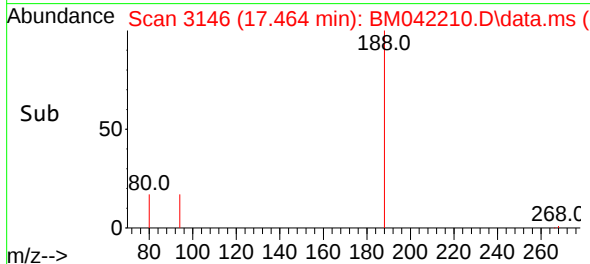
Instrument :
 BNA_M
 ClientSampleId :
 BBHT7DL



Tgt Ion:178 Resp: 1190
 Ion Ratio Lower Upper
 178 100
 179 50.8 12.9 19.3#
 176 29.6 16.3 24.5#

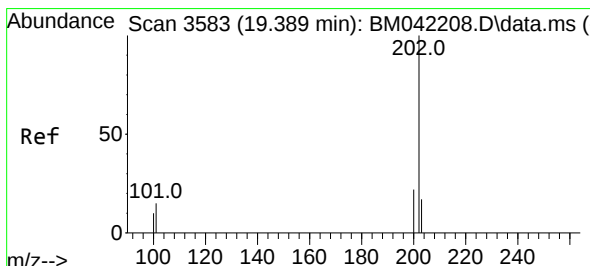
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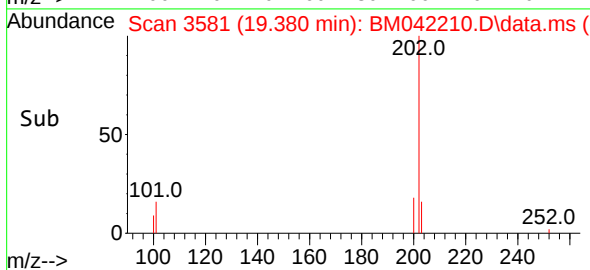
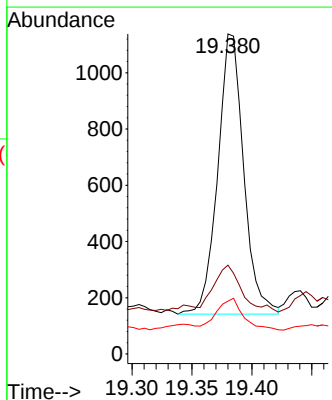
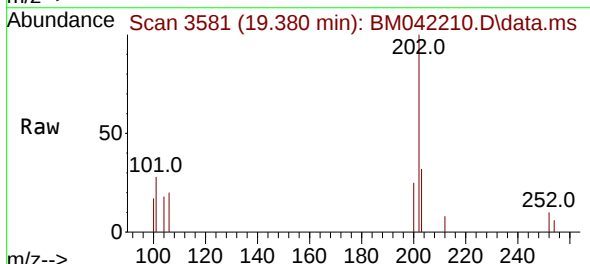
10/07/2023
 Supervised By :mohammad
 ahmed

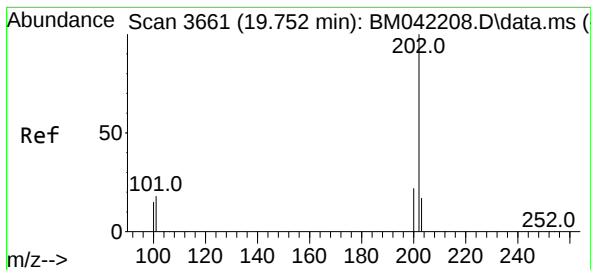
10/07/2023



#19
 Fluoranthene
 Concen: 0.046 ng/ul
 RT: 19.380 min Scan# 3581
 Delta R.T. -0.009 min
 Lab File: BM042210.D
 Acq: 05 Oct 2023 10:23

Tgt Ion:202 Resp: 1500
 Ion Ratio Lower Upper
 202 100
 101 27.8 11.1 16.7#
 100 16.5 8.2 12.2#





#20

Pyrene

Concen: 0.096 ng/ul m

RT: 19.747 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM042210.D

Acq: 05 Oct 2023 10:23

Instrument :

BNA_M

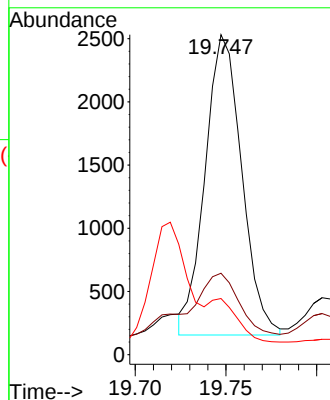
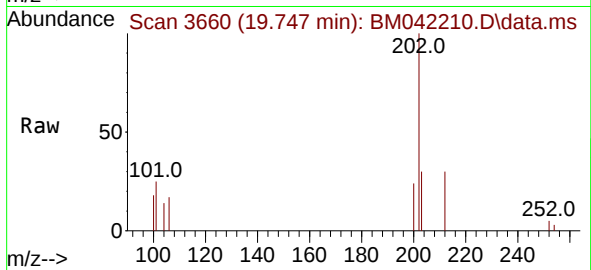
ClientSampleId :

BBHT7DL

Tgt Ion:	202	Resp:	3334
Ion Ratio	Lower	Upper	
202	100		
101	25.4	12.7	19.1
100	17.5	9.9	14.9

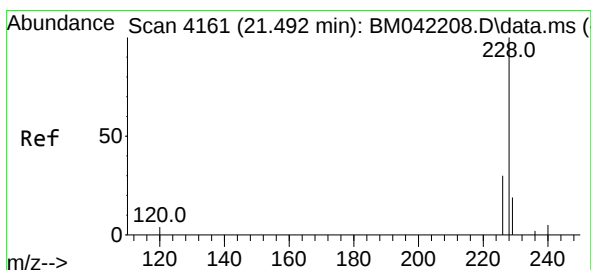
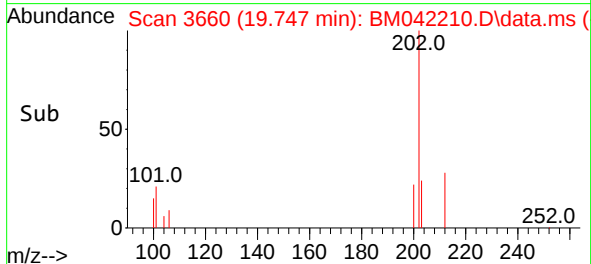
Manual Integrations
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Patel



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Supervised By :mohammad
ahmed

10/07/2023



#21

Benzo(a)anthracene

Concen: 0.046 ng/ul

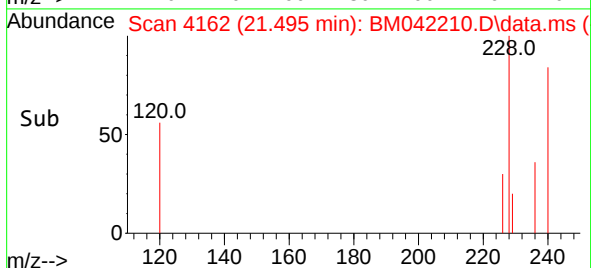
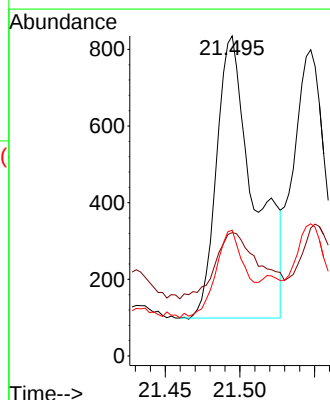
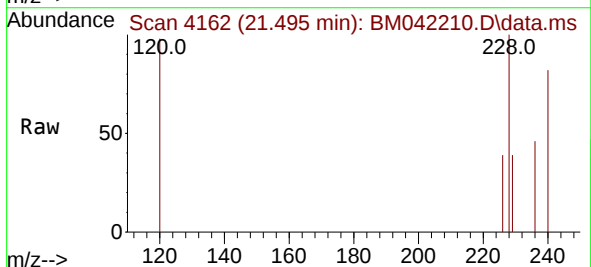
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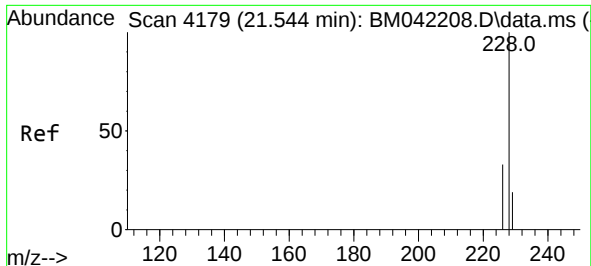
Delta R.T. 0.003 min

Lab File: BM042210.D

Acq: 05 Oct 2023 10:23

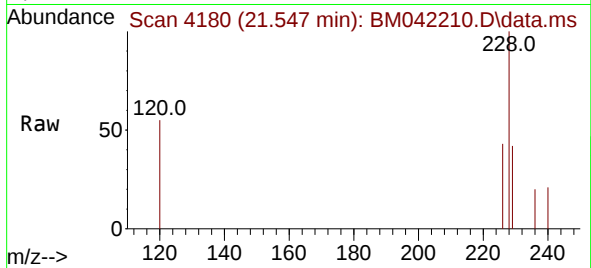
Tgt Ion:	228	Resp:	1285
Ion Ratio	Lower	Upper	
228	100		
229	38.6	15.8	23.8#
226	39.3	24.6	37.0#





#22
Chrysene
Concen: 0.036 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

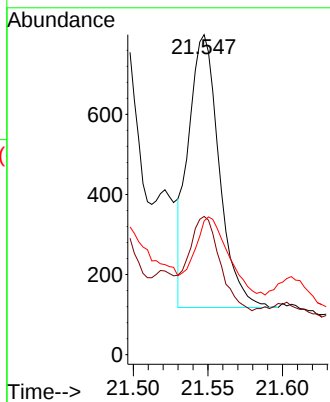
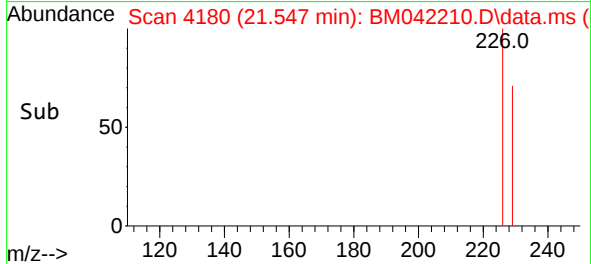
Instrument :
BNA_M
ClientSampleId :
BBHT7DL



Tgt Ion:228 Resp: 970
Ion Ratio Lower Upper
228 100
226 43.2 26.7 40.1#
229 41.8 15.8 23.8#

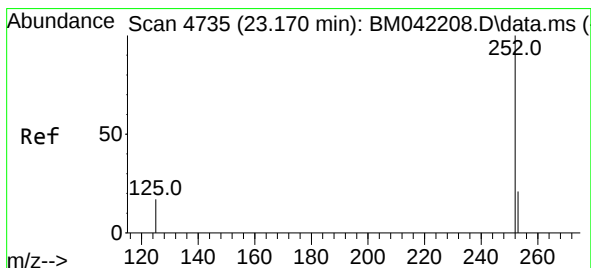
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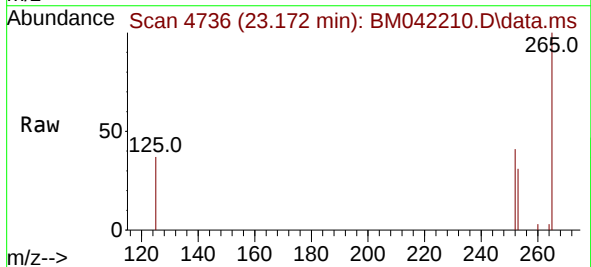


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ahmed

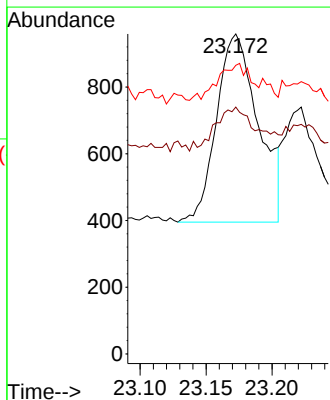
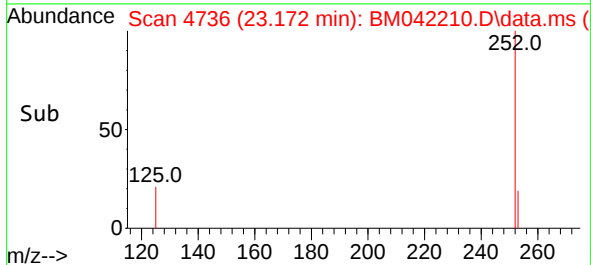
10/07/2023

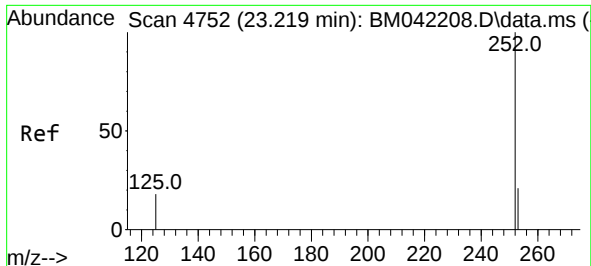


#24
Benzo(b)fluoranthene
Concen: 0.053 ng/ul
RT: 23.172 min Scan# 4736
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23



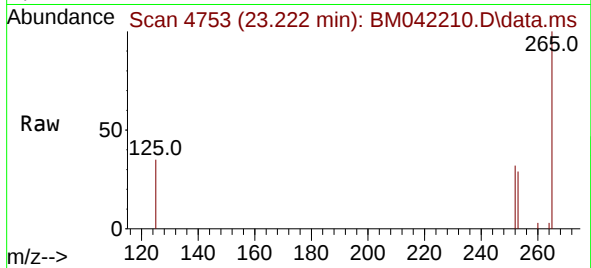
Tgt Ion:252 Resp: 1245
Ion Ratio Lower Upper
252 100
253 77.2 0.0 59.0#
125 90.2 0.0 49.6#





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/u1
RT: 23.222 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

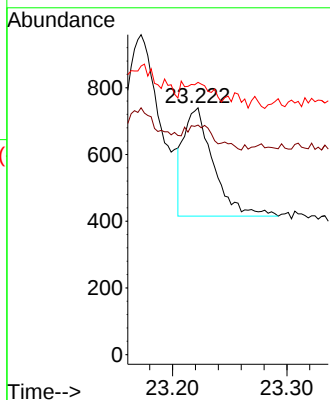
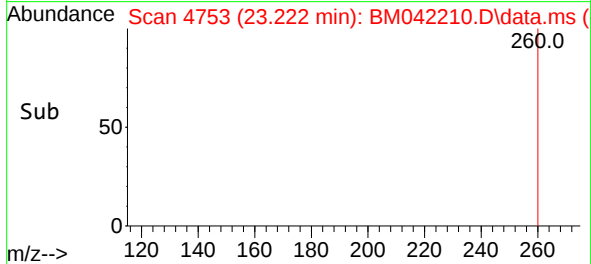
Instrument :
BNA_M
ClientSampleId :
BBHT7DL



Tgt Ion:252 Resp: 580
Ion Ratio Lower Upper
252 100
253 93.0 23.4 35.0#
125 110.3 19.9 29.9#

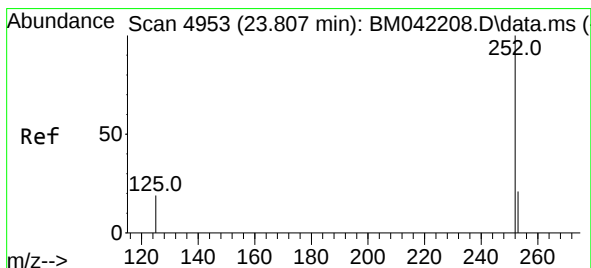
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

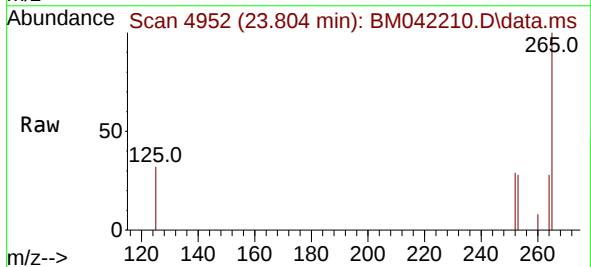


10/07/2023
Supervised By :mohammad
ahmed

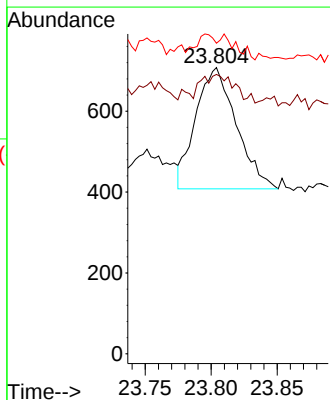
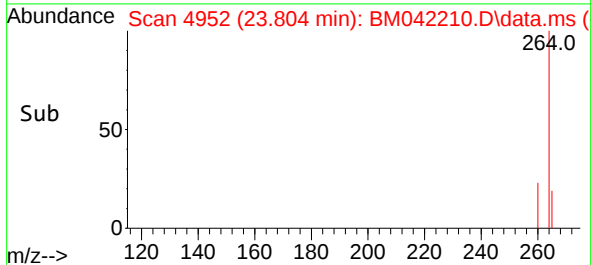
10/07/2023

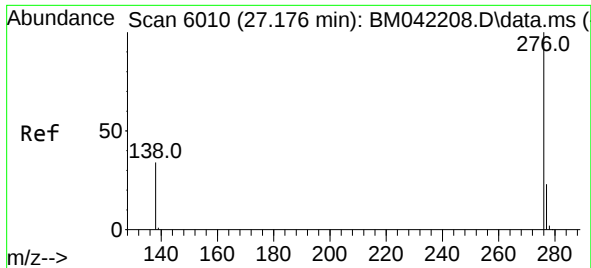


#26
Benzo(a)pyrene
Concen: 0.032 ng/u1
RT: 23.804 min Scan# 4952
Delta R.T. -0.003 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23



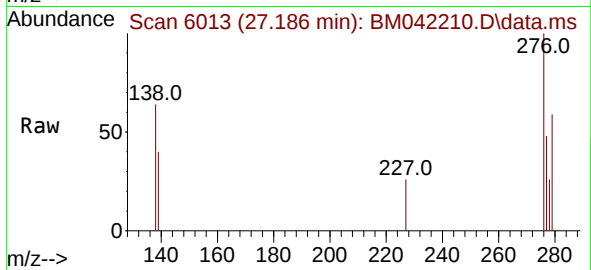
Tgt Ion:252 Resp: 641
Ion Ratio Lower Upper
252 100
253 97.6 25.3 37.9#
125 108.5 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. 0.010 min
Lab File: BM042210.D
Acq: 05 Oct 2023 10:23

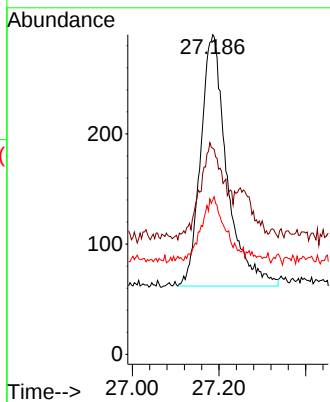
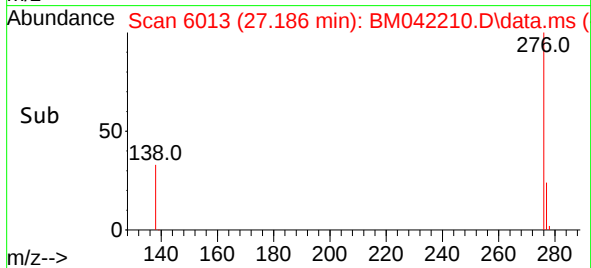
Instrument :
BNA_M
ClientSampleId :
BBHT7DL



Tgt Ion: 276 Resp: 958
Ion Ratio Lower Upper
276 100
138 64.5 26.8 40.2
277 48.3 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



10/07/2023
Supervised By :mohammad
ahmed

10/07/2023