

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040821.D
 Acq On : 11 Jul 2023 21:09
 Operator : MA/JU
 Sample : 03414-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 05:45:00 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	3591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	13020	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	5964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10918	0.400	ng/ul	-0.01
17) Chrysene-d12	21.472	240	6639	0.400	ng/ul	-0.01
23) Perylene-d12	23.863	264	4941	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	7769	1.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	1464	0.080	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	1757	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	5637	0.157	ng/ul#	95
7) 2-Methylnaphthalene	12.352	142	516	0.024	ng/ul	98
10) Acenaphthylene	14.245	152	653	0.025	ng/ul#	41
12) Fluorene	15.577	166	591	0.025	ng/ul#	88
15) Phenanthrene	17.320	178	6100	0.180	ng/ul#	95
16) Anthracene	17.413	178	1367	0.048	ng/ul#	67
19) Fluoranthene	19.338	202	9248	0.328	ng/ul	99
20) Pyrene	19.701	202	9187	0.304	ng/ul#	90
21) Benzo(a)anthracene	21.454	228	3446	0.153	ng/ul#	84
22) Chrysene	21.504	228	3707	0.145	ng/ul#	88
24) Benzo(b)fluoranthene	23.138	252	4290	0.224	ng/ul#	57
25) Benzo(k)fluoranthene	23.170	252	2349m	0.125	ng/ul	
26) Benzo(a)pyrene	23.751	252	2440	0.142	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	26.341	276	2025	0.084	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.347	278	567	0.030	ng/ul#	1

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

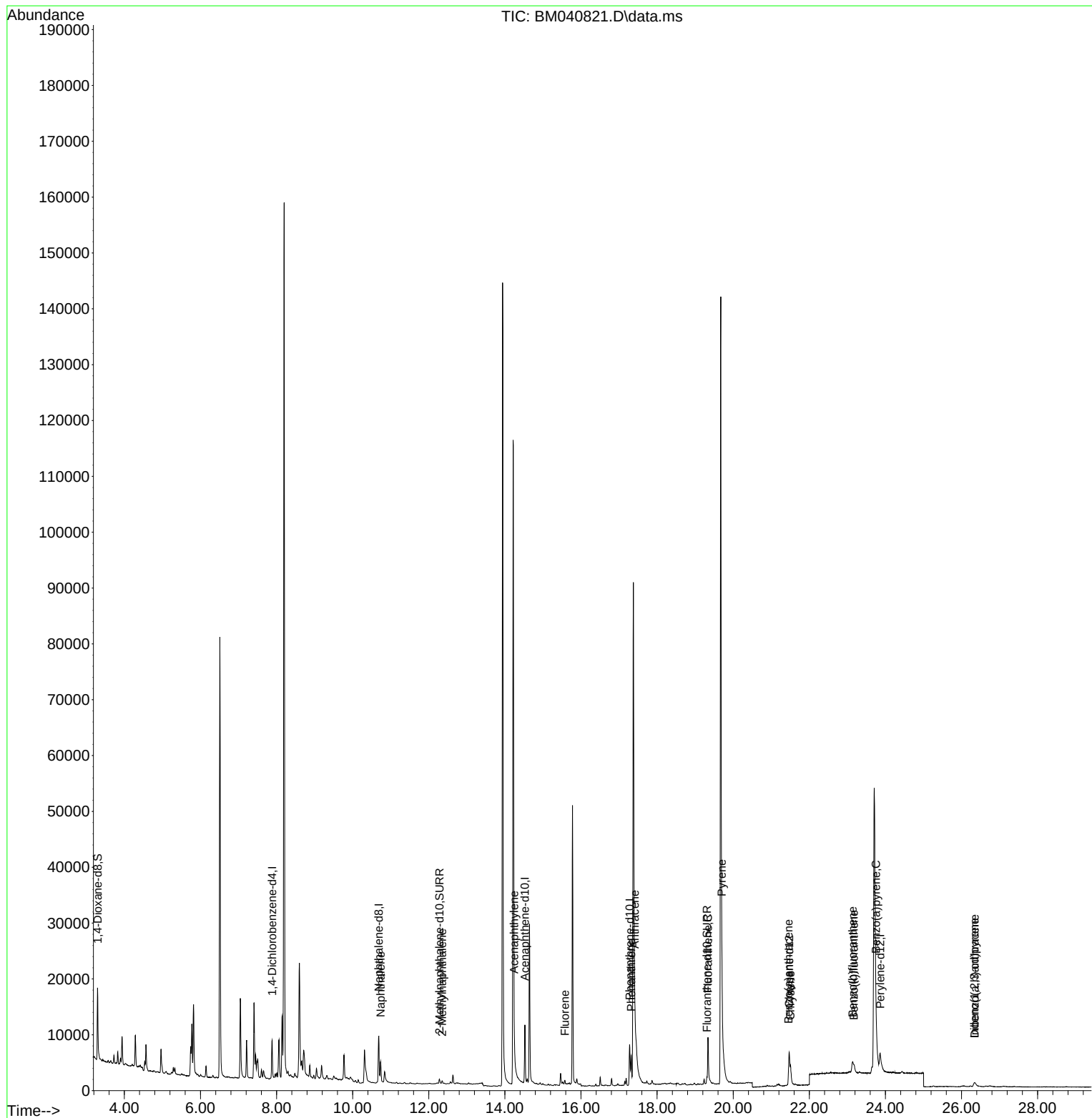
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040821.D
Acq On : 11 Jul 2023 21:09
Operator : MA/JU
Sample : 03414-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

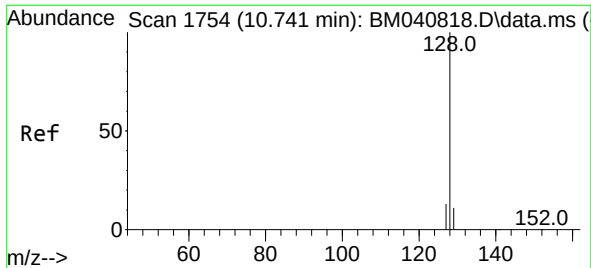
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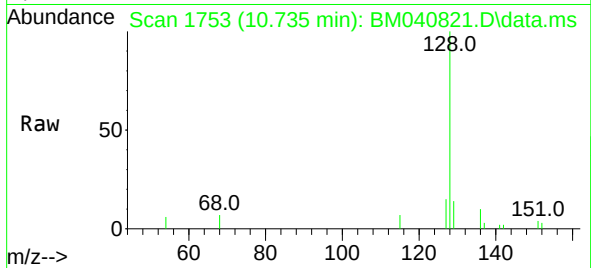
Quant Time: Jul 12 05:45:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
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#5
Naphthalene
Concen: 0.157 ng/ul
RT: 10.735 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

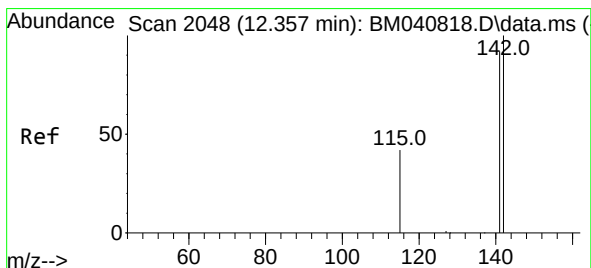
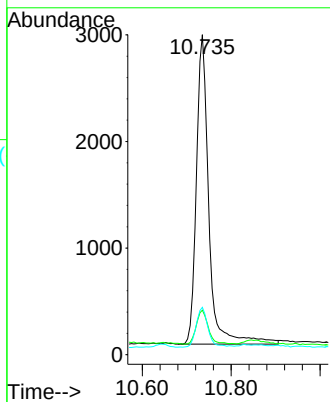
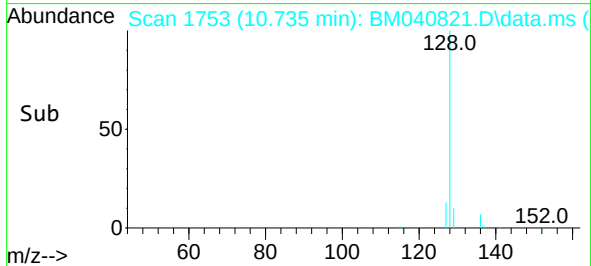
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:128 Resp: 563
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 14.8 10.6 15.8

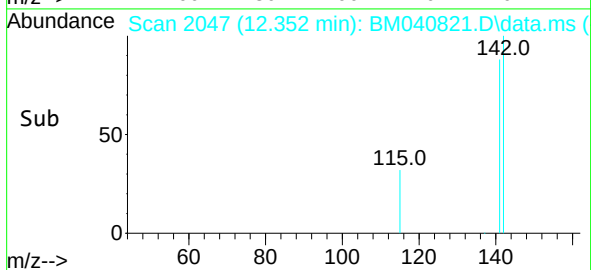
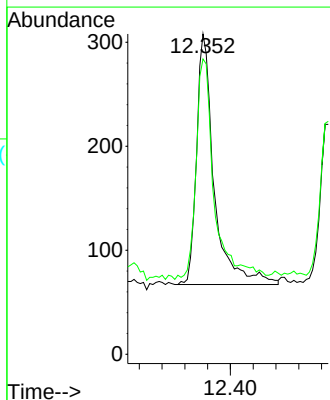
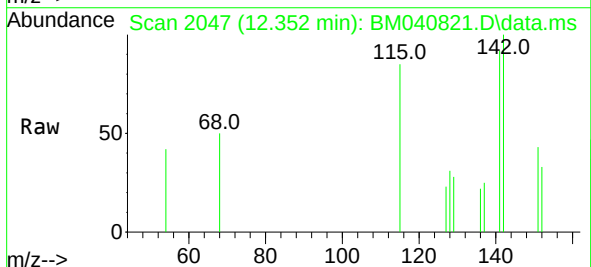
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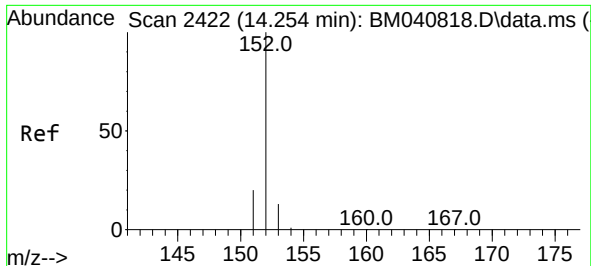
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

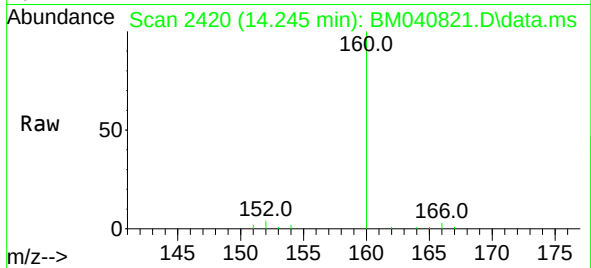
Tgt Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.245 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

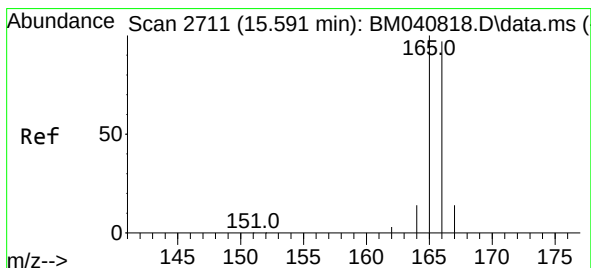
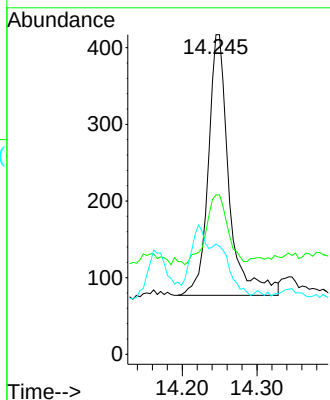
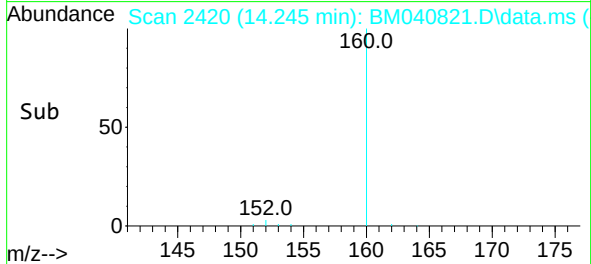
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:152 Resp: 65
Ion Ratio Lower Upper
152 100
151 49.9 16.2 24.2
153 34.5 10.9 16.3

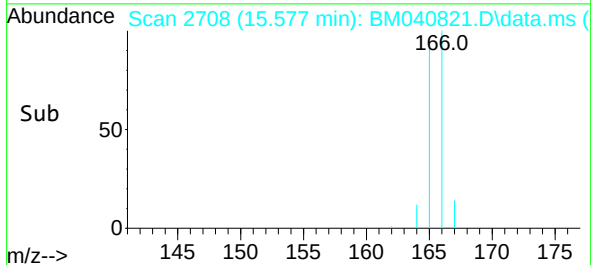
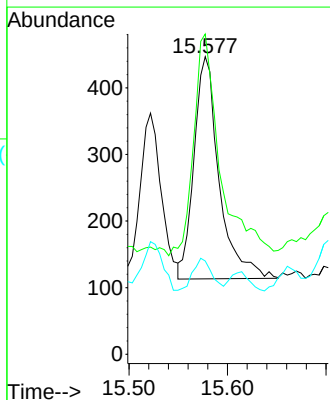
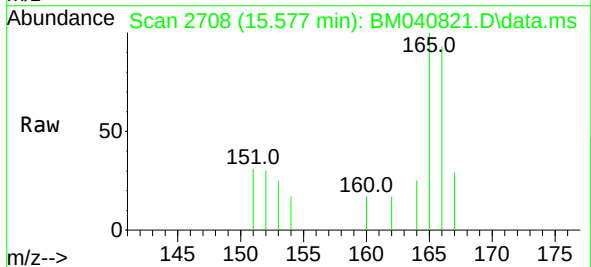
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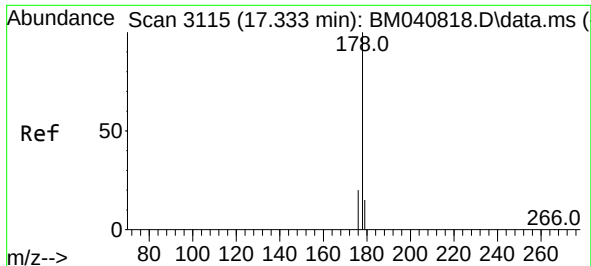
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.577 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

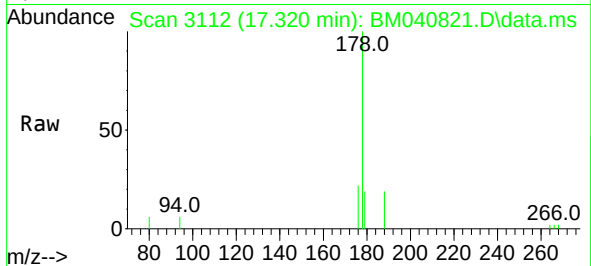
Tgt Ion:166 Resp: 591
Ion Ratio Lower Upper
166 100
165 107.6 79.6 119.4
167 31.3 11.4 17.0





#15
Phenanthrene
Concen: 0.180 ng/u1
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

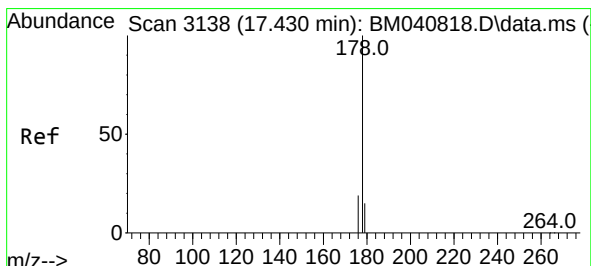
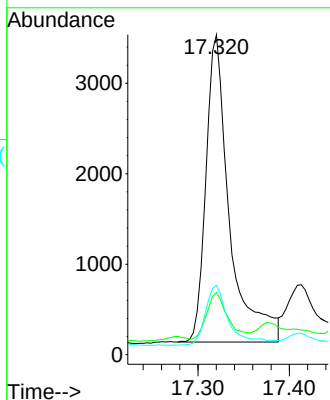
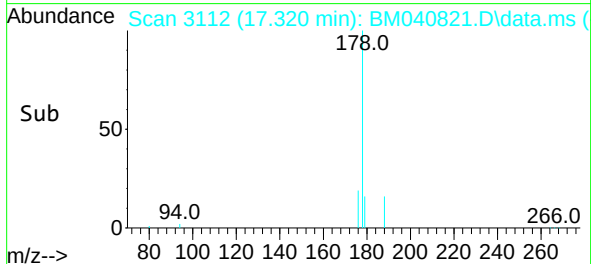
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:178 Resp: 6100
Ion Ratio Lower Upper
178 100
179 19.5 12.8 19.2#
176 21.6 16.4 24.6#

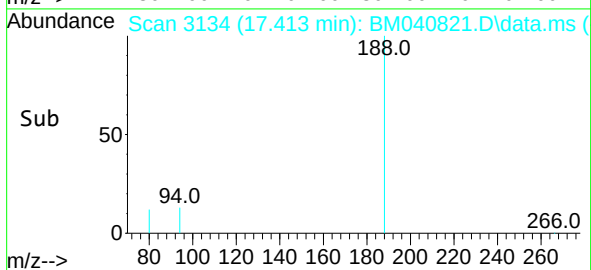
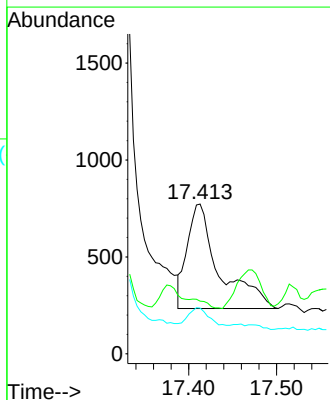
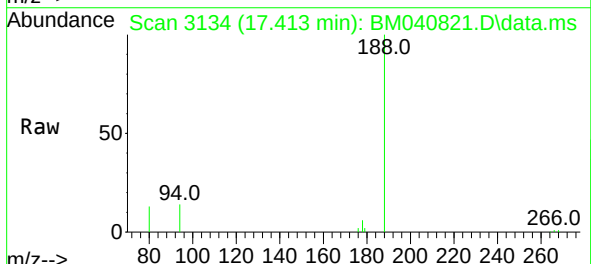
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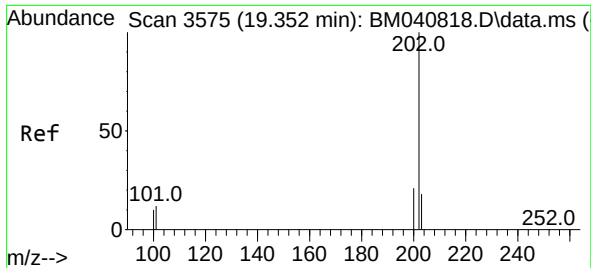
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.048 ng/u1
RT: 17.413 min Scan# 3134
Delta R.T. -0.017 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

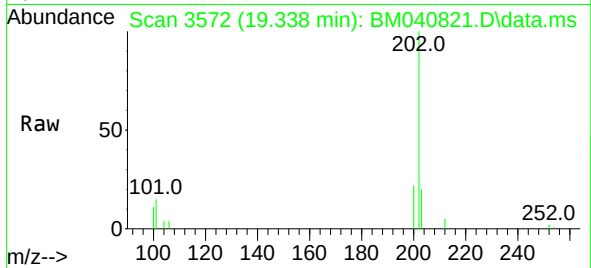
Tgt Ion:178 Resp: 1367
Ion Ratio Lower Upper
178 100
179 35.2 12.9 19.3#
176 30.5 15.8 23.6#





#19
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.338 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

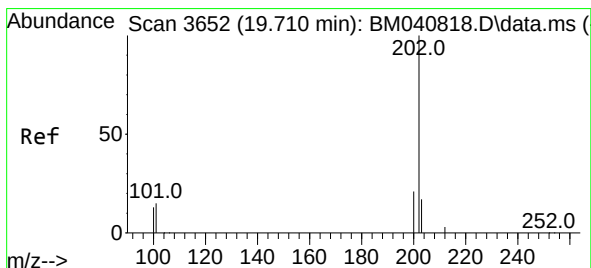
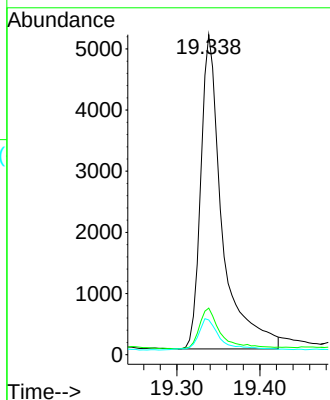
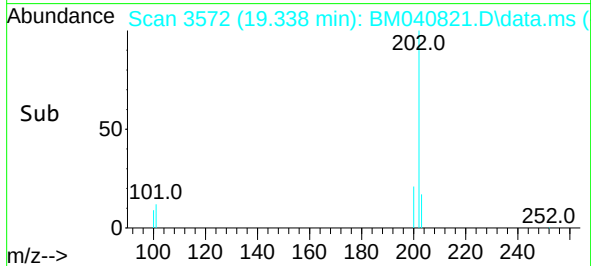
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:202 Resp: 9248
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 10.8 8.7 13.1

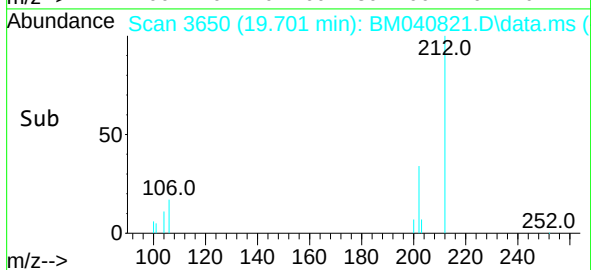
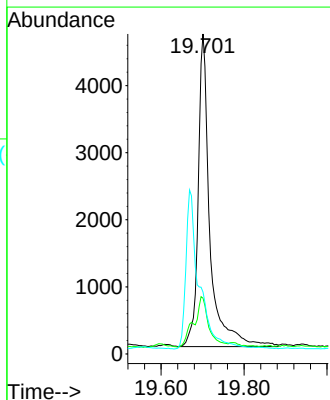
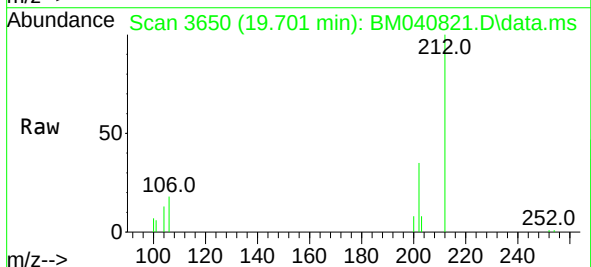
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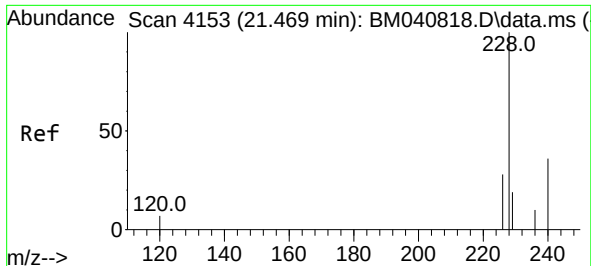
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 0.304 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

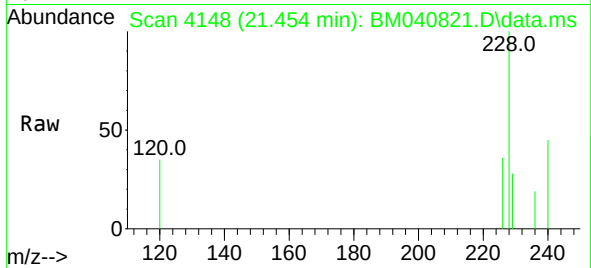
Tgt Ion:202 Resp: 9187
Ion Ratio Lower Upper
202 100
101 17.4 12.6 18.8
100 19.4 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.153 ng/u1
RT: 21.454 min Scan# 4153
Delta R.T. -0.015 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

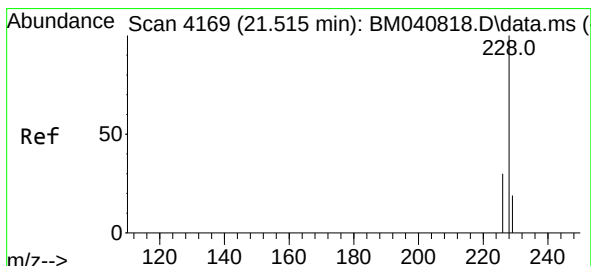
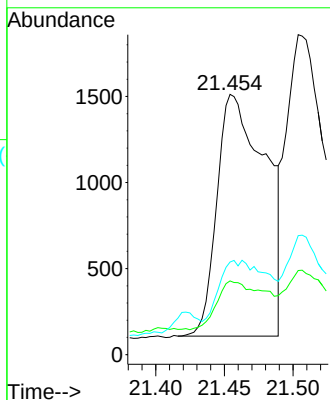
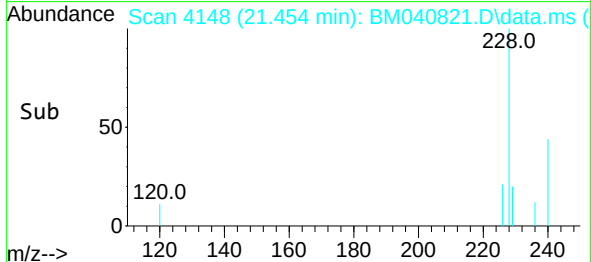
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:228 Resp: 3440
Ion Ratio Lower Upper
228 100
229 28.3 16.0 24.0
226 35.6 22.3 33.5

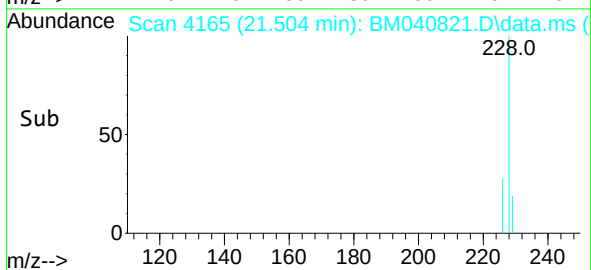
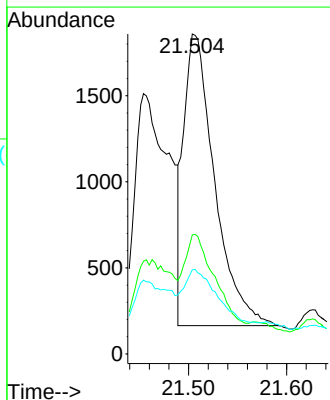
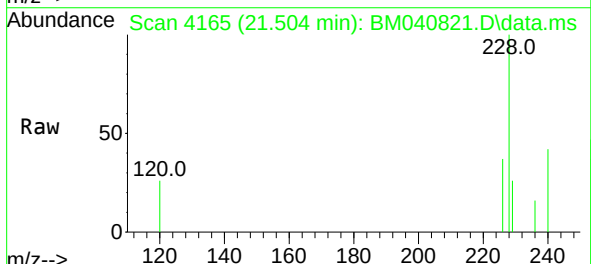
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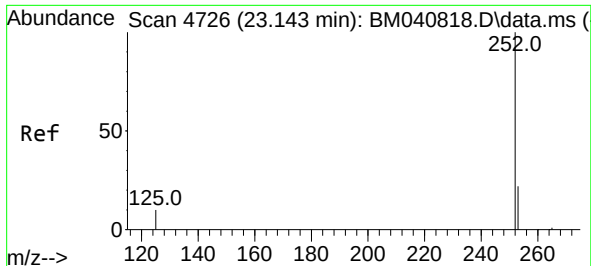
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 0.145 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

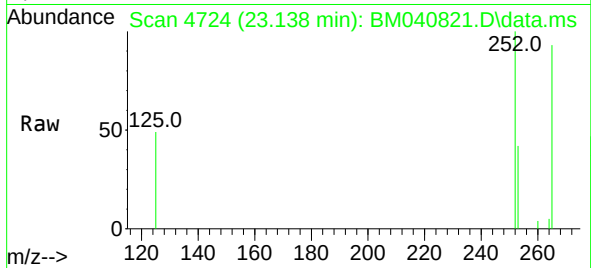
Tgt Ion:228 Resp: 3707
Ion Ratio Lower Upper
228 100
226 37.2 24.9 37.3
229 26.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.224 ng/ul
RT: 23.138 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

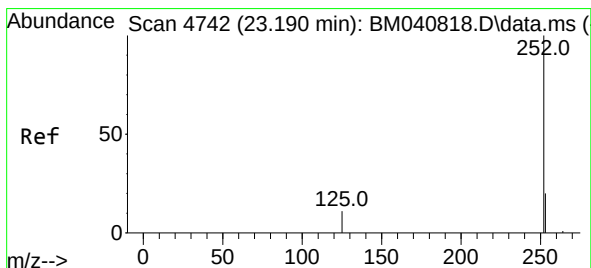
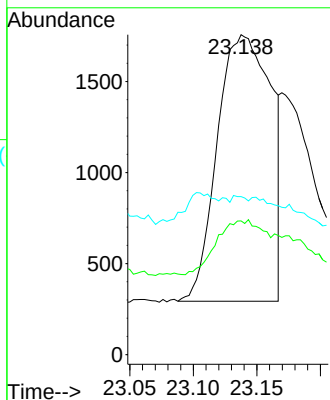
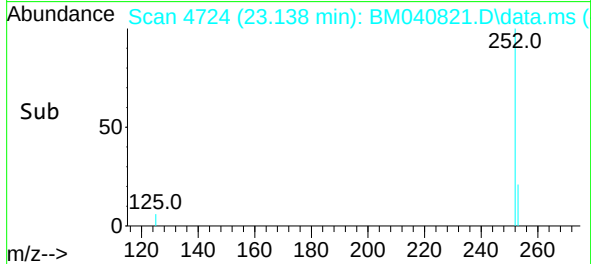
Instrument :
BNA_M
ClientSampleId :
A46G1



Tgt Ion:252 Resp: 4290
Ion Ratio Lower Upper
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253 41.8 0.0 52.8
125 49.4 0.0 43.0

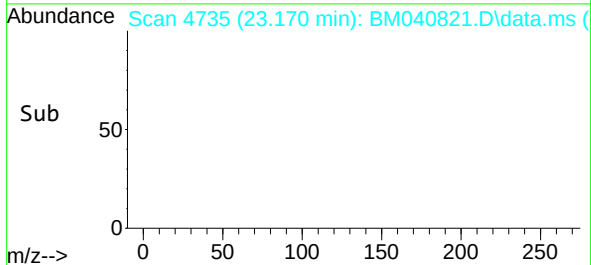
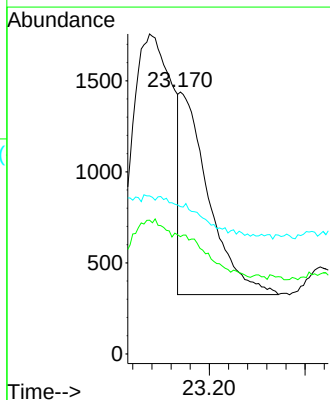
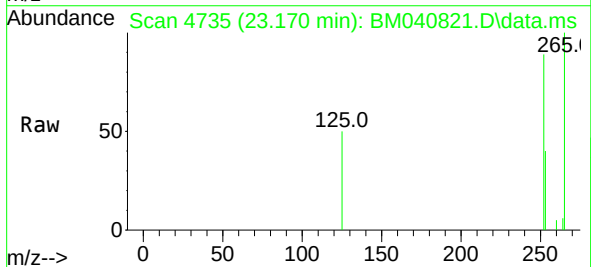
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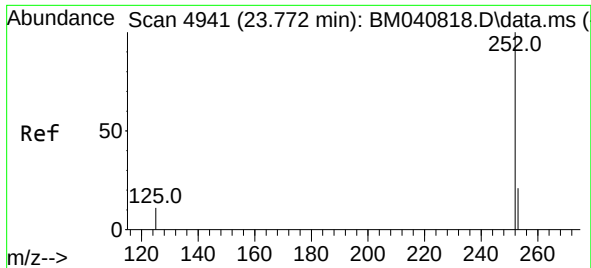
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.020 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

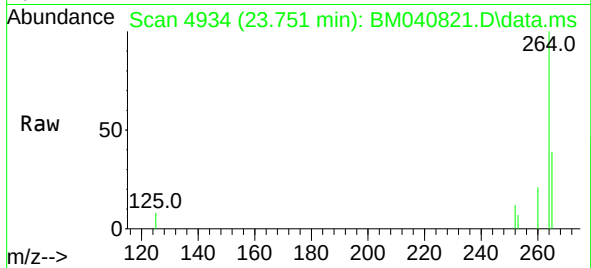
Tgt Ion:252 Resp: 2349
Ion Ratio Lower Upper
252 100
253 44.8 21.2 31.8#
125 56.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.751 min Scan# 4941
Delta R.T. -0.020 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09

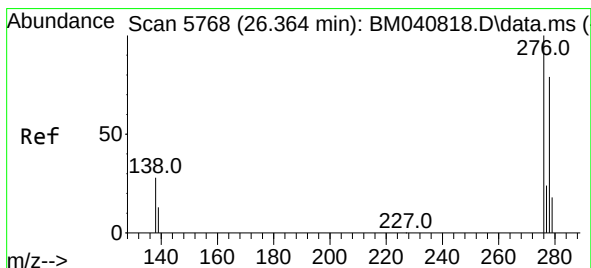
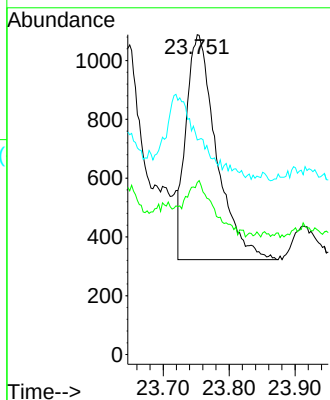
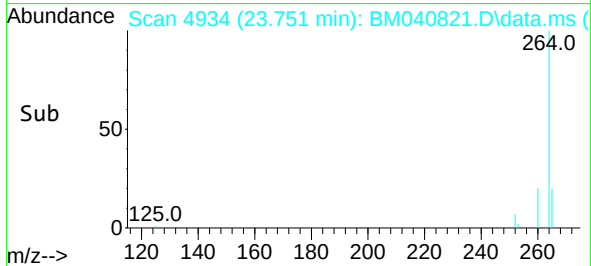
Instrument :
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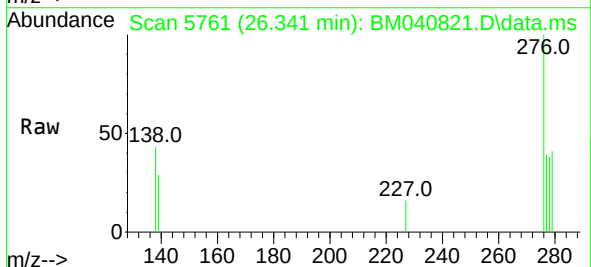
Tgt Ion:252 Resp: 2440
Ion Ratio Lower Upper
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125 67.1 21.0 31.4#

Manual Integrations
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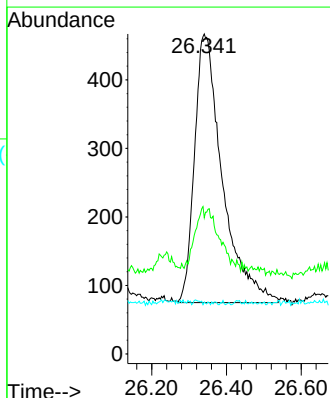
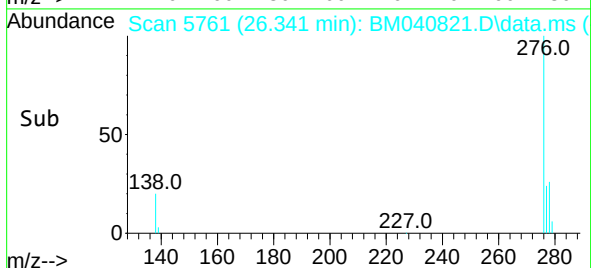
Reviewed By :Yogesh Patel 07/12/2023
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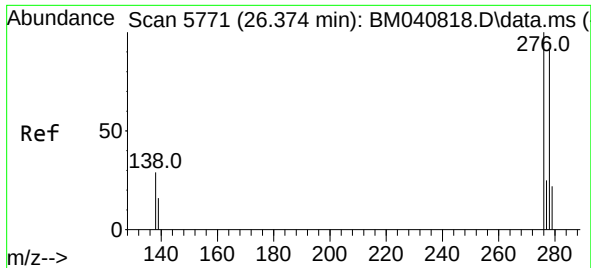


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.023 min
Lab File: BM040821.D
Acq: 11 Jul 2023 21:09



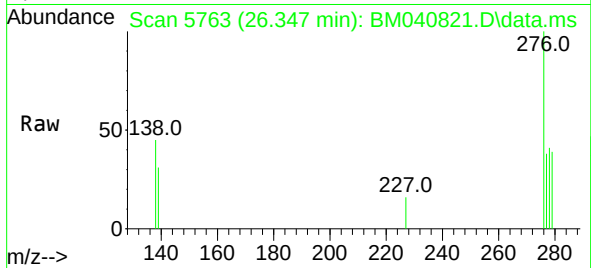
Tgt Ion:276 Resp: 2025
Ion Ratio Lower Upper
276 100
138 18.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.030 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BM040821.D
 Acq: 11 Jul 2023 21:09

Instrument :
 BNA_M
 ClientSampleId :
 A46G1



Tgt Ion:278 Resp: 56
 Ion Ratio Lower Upper
 278 100
 139 74.3 17.9 26.9
 279 94.2 22.0 33.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

