

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040860.D
 Acq On : 13 Jul 2023 21:47
 Operator : MA/JU
 Sample : 03418-23MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:17:55 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 Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	16004	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	7217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	14895	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.454	240	10183	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	11107	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3142	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6198	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9932	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.313	88	8229	1.095	ng/ul	89
5) Naphthalene	10.719	128	14744	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	7446	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	7766	0.300	ng/ul	98
10) Acenaphthylene	14.231	152	10204	0.317	ng/ul	97
11) Acenaphthene	14.574	153	8298	0.305	ng/ul	98
12) Fluorene	15.564	166	8765	0.302	ng/ul	99
14) Pentachlorophenol	16.915	266	1519	0.530	ng/ul	91
15) Phenanthrene	17.303	178	32591	0.704	ng/ul	99
16) Anthracene	17.396	178	12999	0.334	ng/ul	98
19) Fluoranthene	19.324	202	65833	1.522	ng/ul	95
20) Pyrene	19.687	202	60874	1.313	ng/ul	98
21) Benzo(a)anthracene	21.437	228	32511	0.944	ng/ul	97
22) Chrysene	21.489	228	37411	0.952	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	47323	1.101	ng/ul	97
25) Benzo(k)fluoranthene	23.152	252	24589m	0.580	ng/ul	
26) Benzo(a)pyrene	23.725	252	32345	0.835	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.290	276	31814	0.590	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.307	278	14951	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	27.048	276	30950	0.655	ng/ul	97

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

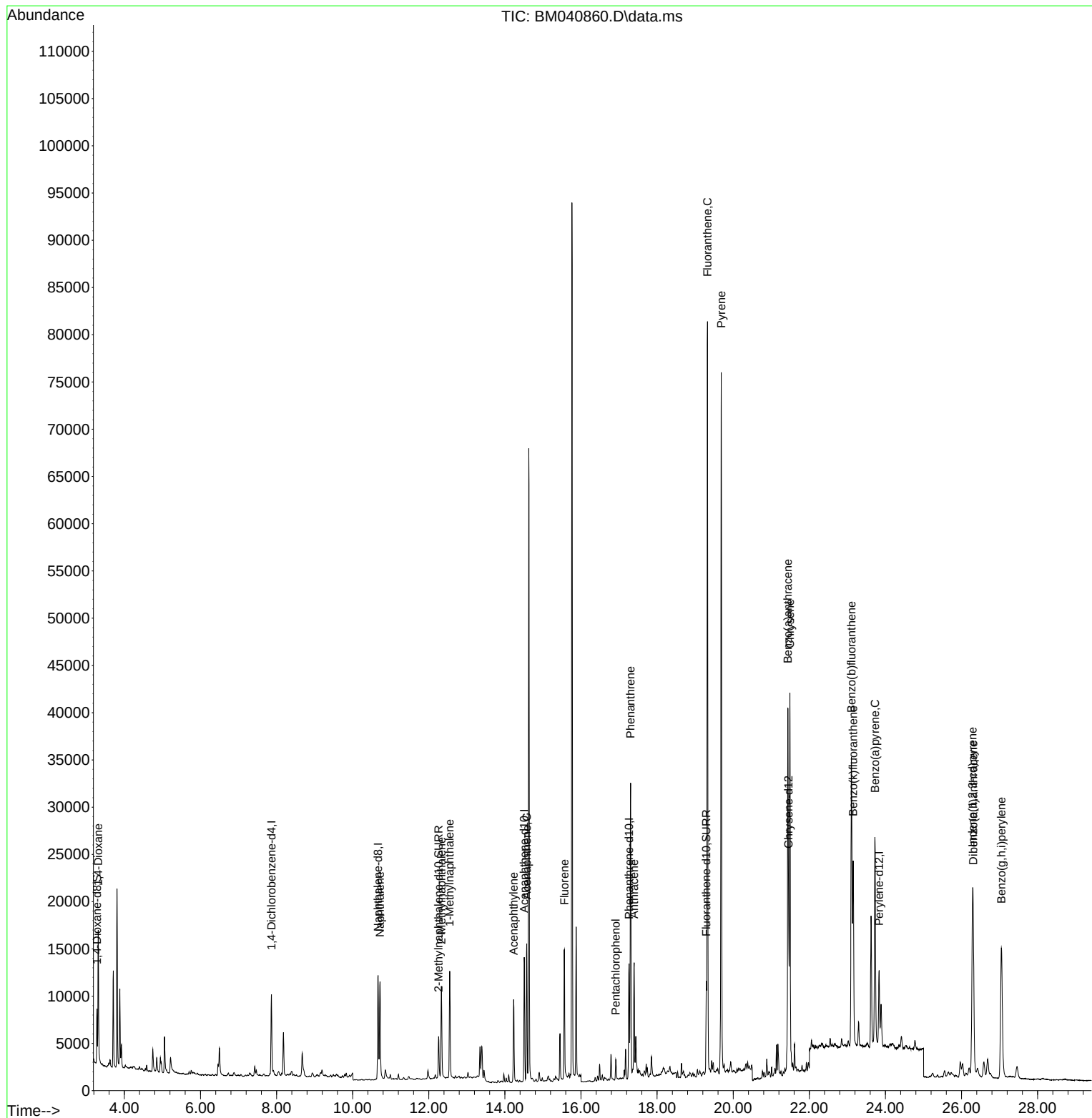
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040860.D
Acq On : 13 Jul 2023 21:47
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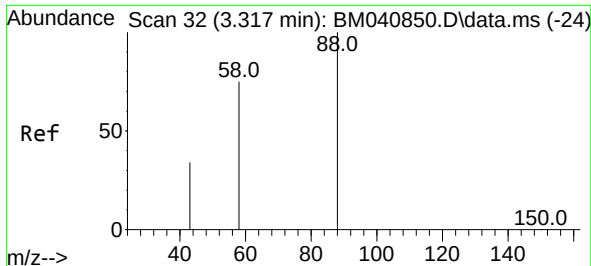
Instrument :
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Quant Time: Jul 14 03:17:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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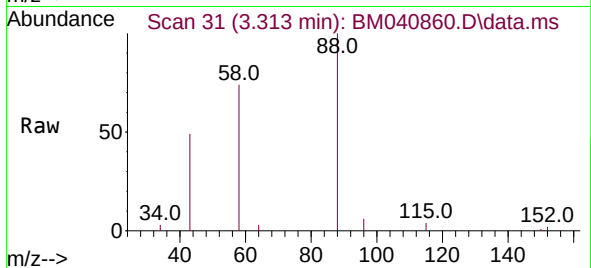
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023





#2
1,4-Dioxane
Concen: 1.095 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

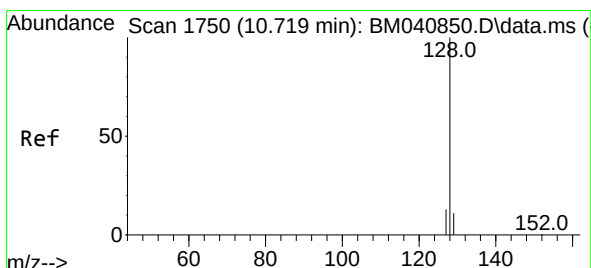
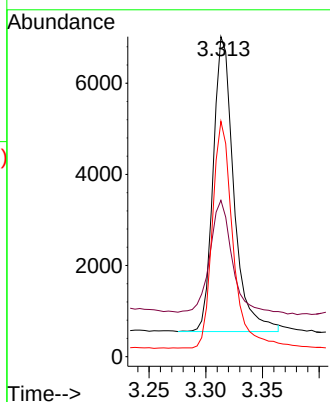
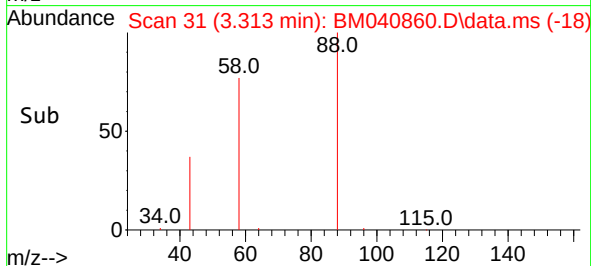
Instrument :
BNA_M
ClientSampleId :
A46K6MSD



Tgt Ion: 88 Resp: 8229
Ion Ratio Lower Upper
88 100
43 48.8 36.1 54.1
58 73.5 49.8 74.8

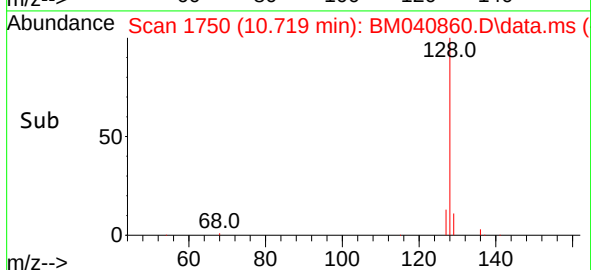
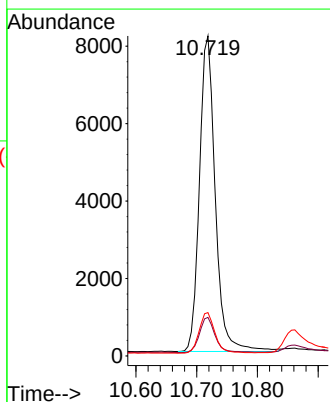
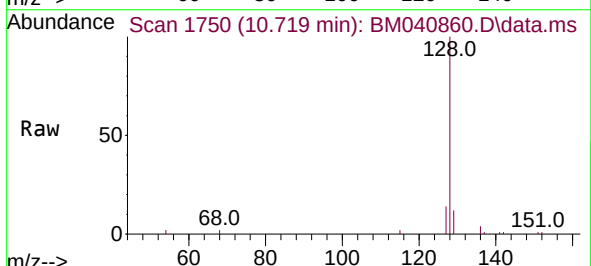
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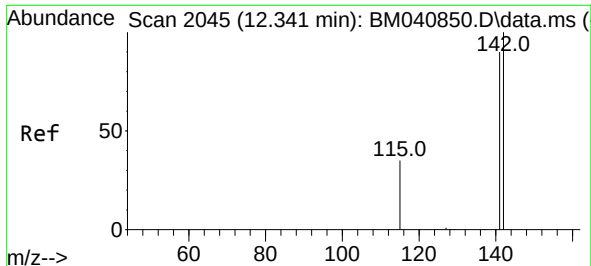
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

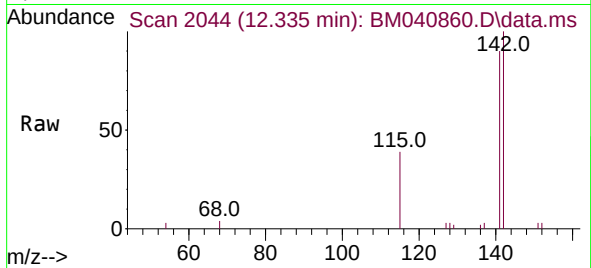
Tgt Ion:128 Resp: 14744
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.6 15.8





#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

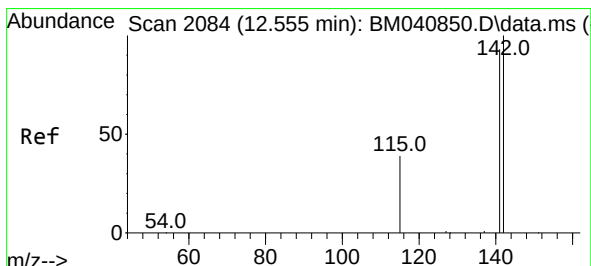
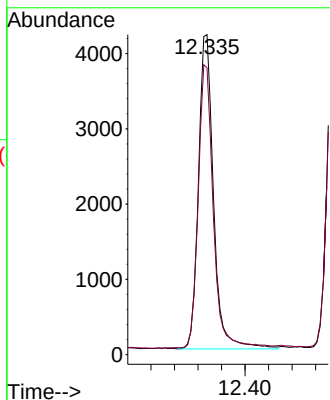
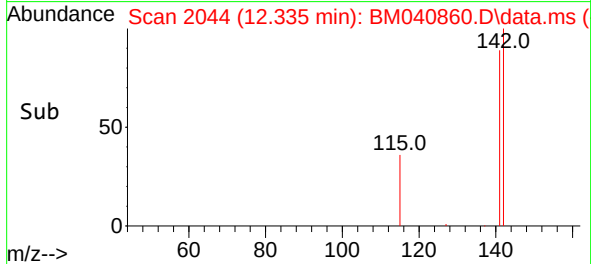
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ClientSampleId :
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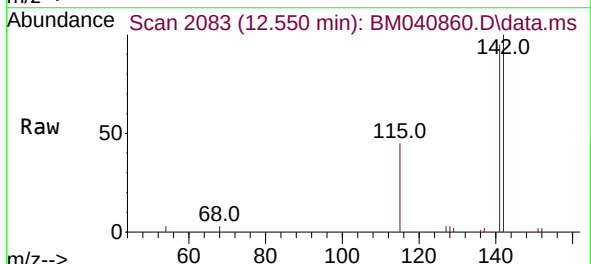
Tgt Ion:142 Resp: 7440
Ion Ratio Lower Upper
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141 90.3 71.9 107.9

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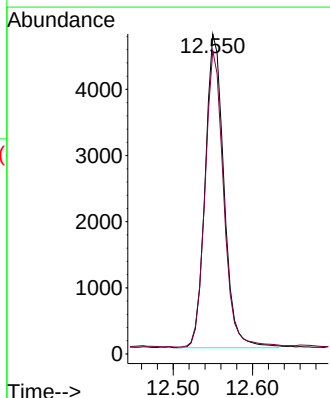
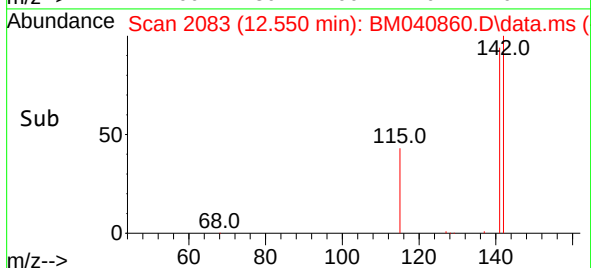
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

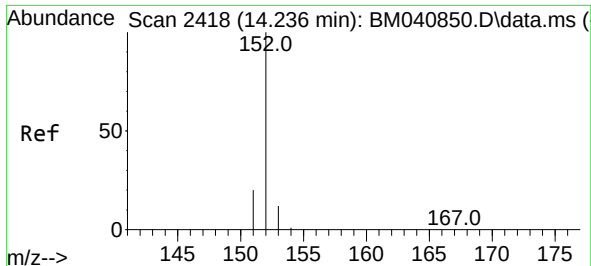


#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47



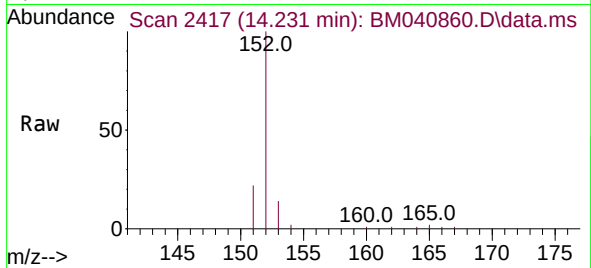
Tgt Ion:142 Resp: 7766
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5





#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

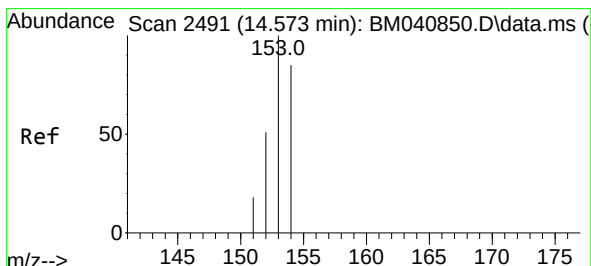
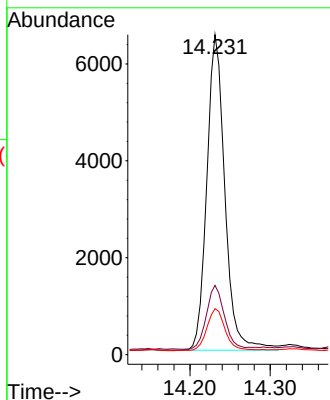
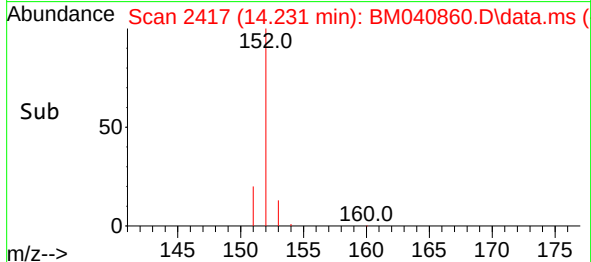
Instrument :
BNA_M
ClientSampleId :
A46K6MSD



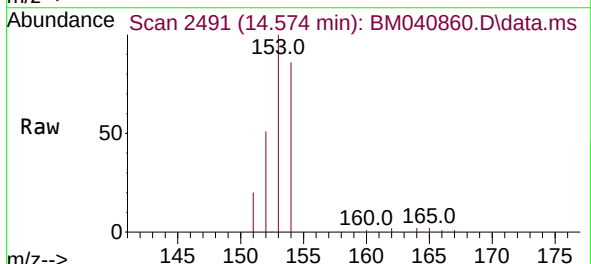
Tgt Ion:152 Resp: 10204
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.2
153 14.4 10.9 16.3

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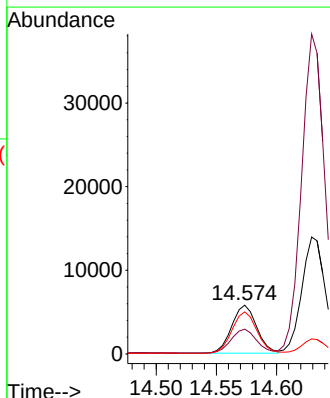
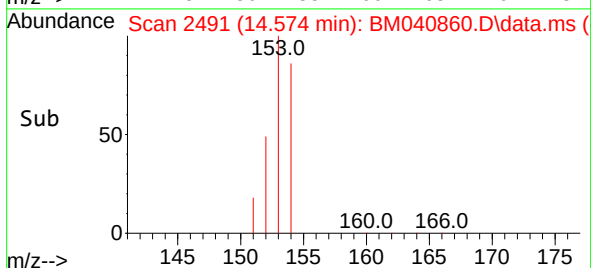
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

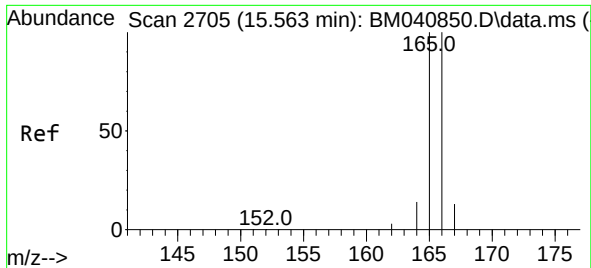


#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47



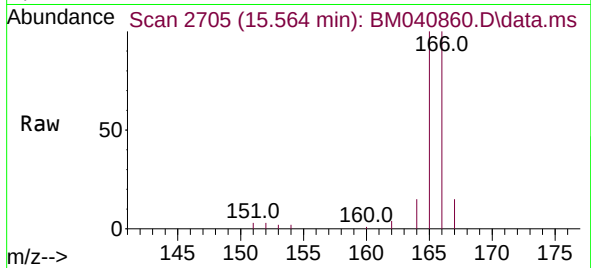
Tgt Ion:153 Resp: 8298
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 86.2 70.8 106.2





#12
Fluorene
Concen: 0.302 ng/ul
RT: 15.564 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

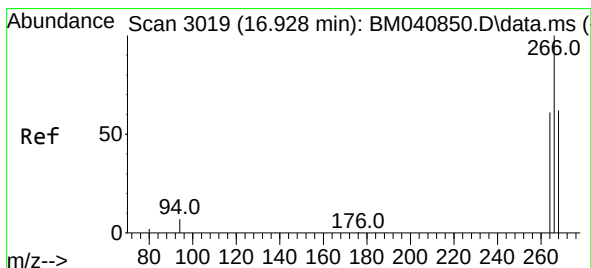
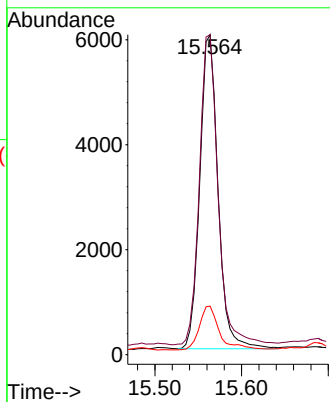
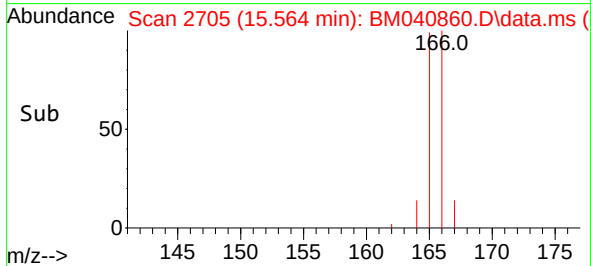
Instrument :
BNA_M
ClientSampleId :
A46K6MSD



Tgt Ion:166 Resp: 876
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 15.2 11.4 17.0

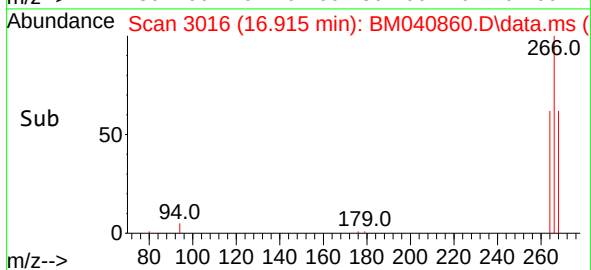
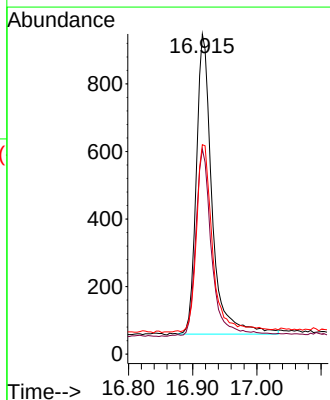
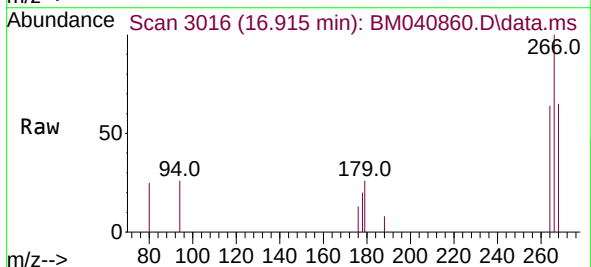
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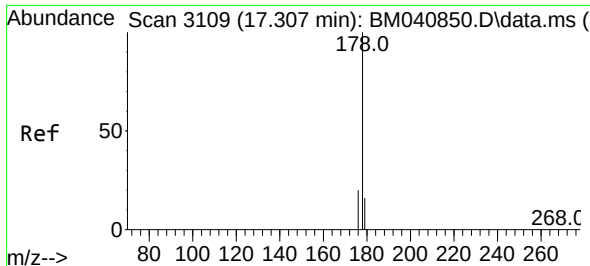
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#14
Pentachlorophenol
Concen: 0.530 ng/ul
RT: 16.915 min Scan# 3016
Delta R.T. -0.013 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

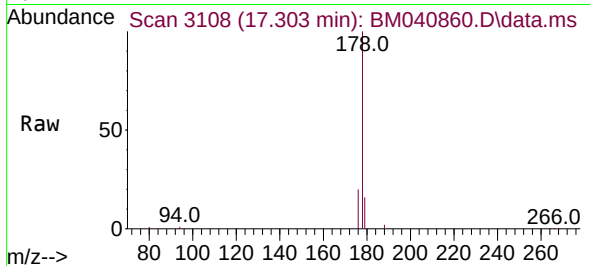
Tgt Ion:266 Resp: 1519
Ion Ratio Lower Upper
266 100
264 64.6 45.4 68.0
268 64.3 47.2 70.8





#15
Phenanthrene
Concen: 0.704 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

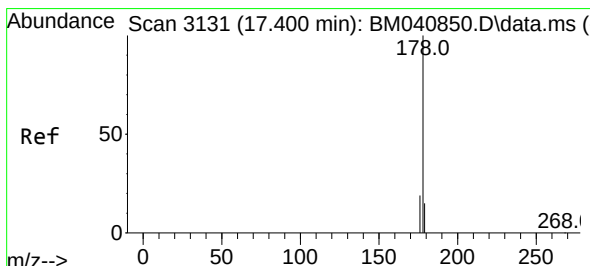
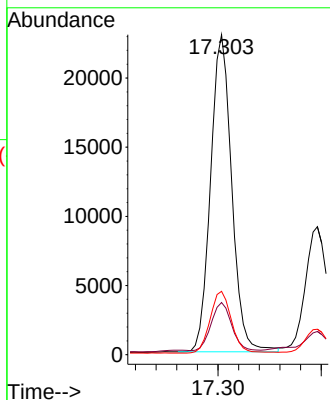
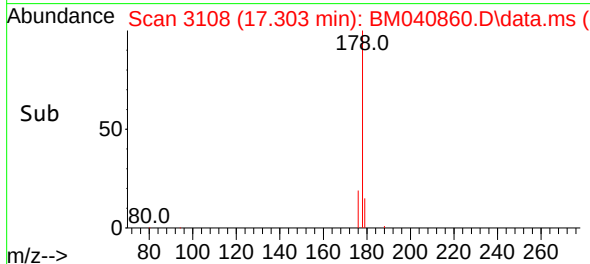
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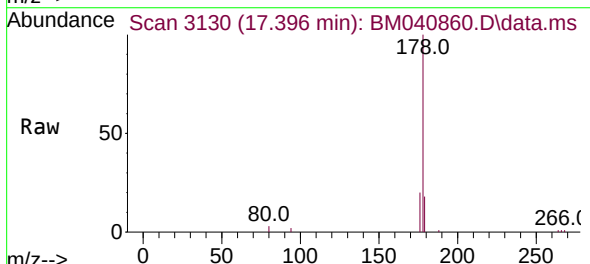
Tgt Ion:178 Resp: 3259
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 19.8 16.4 24.6

Manual Integrations
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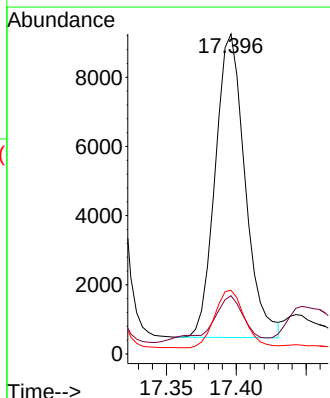
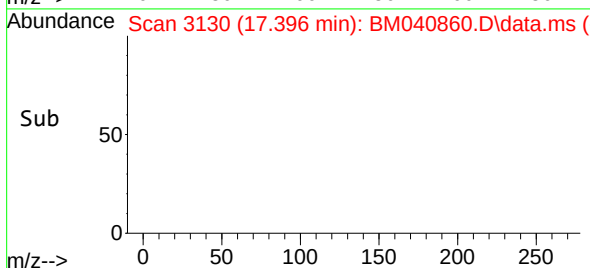
Reviewed By :Yogesh Patel 07/17/2023
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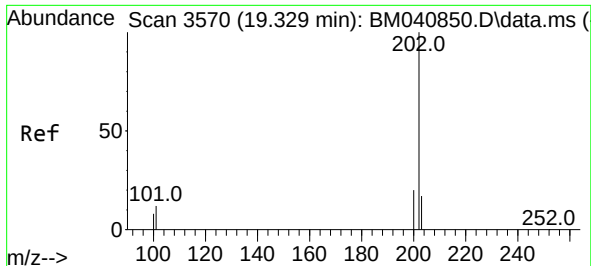


#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47



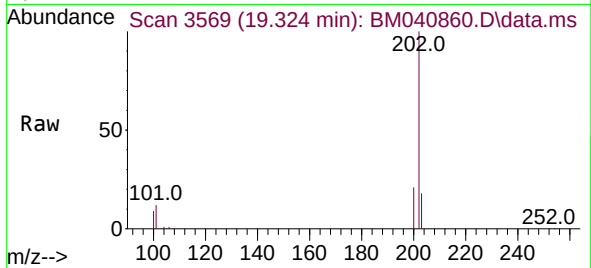
Tgt Ion:178 Resp: 12999
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 19.9 15.8 23.6





#19
Fluoranthene
Concen: 1.522 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

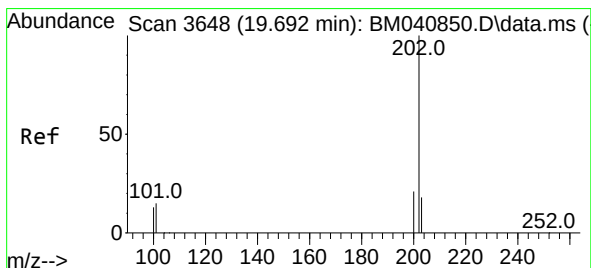
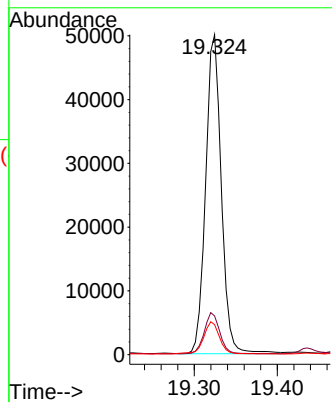
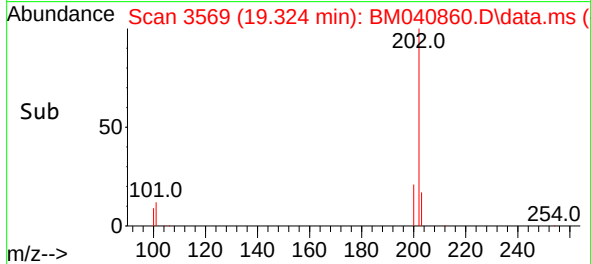
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Tgt Ion:202 Resp: 6583
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.4 8.7 13.1

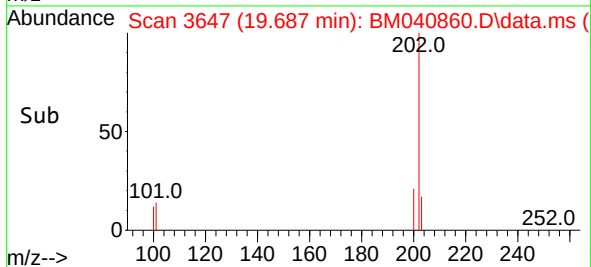
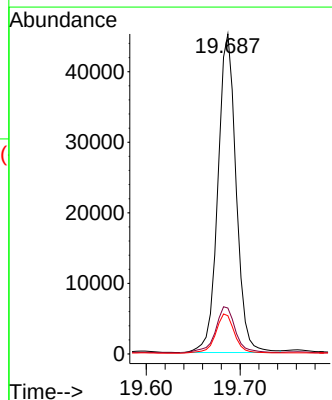
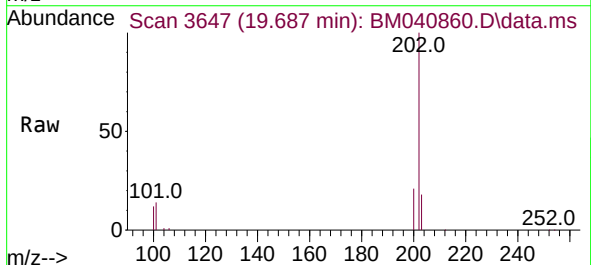
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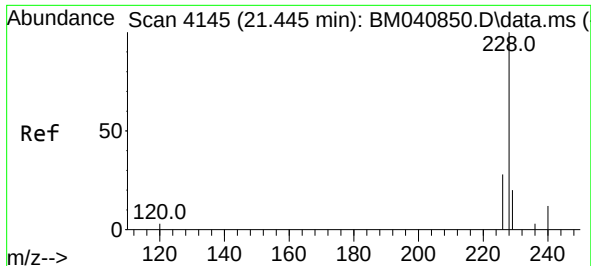
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 1.313 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

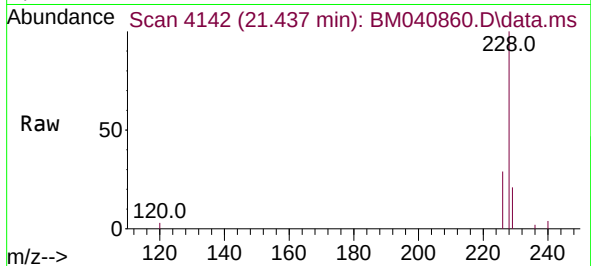
Tgt Ion:202 Resp: 60874
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.944 ng/ul
RT: 21.437 min Scan# 411
Delta R.T. -0.009 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

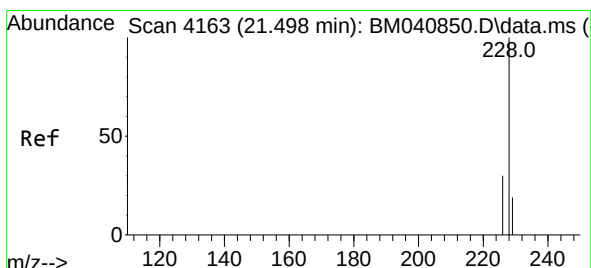
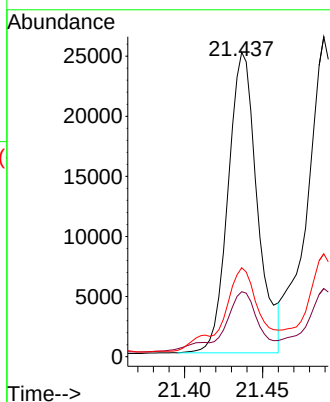
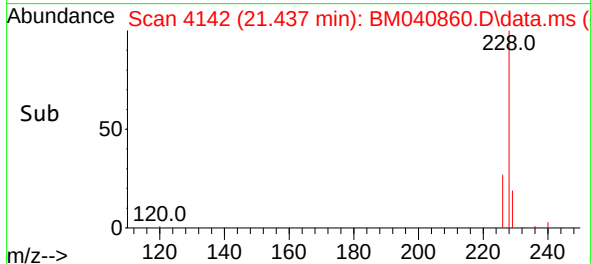
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 3251
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 29.2 22.3 33.5

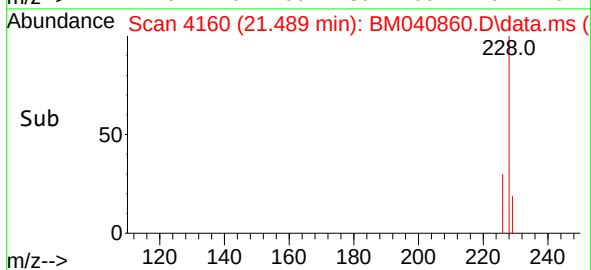
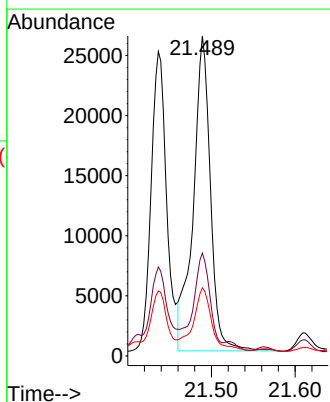
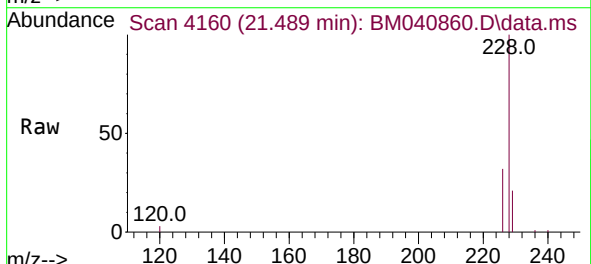
Manual Integrations
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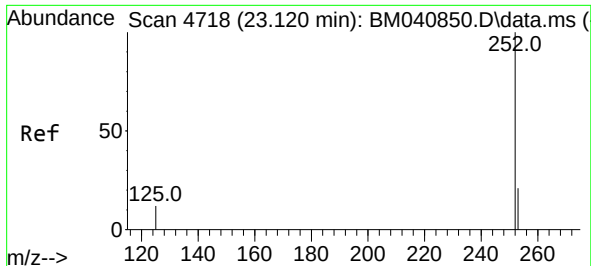
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.952 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

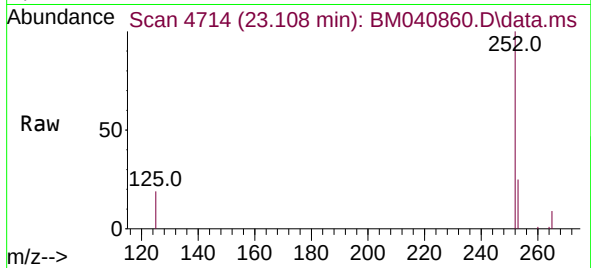
Tgt Ion:228 Resp: 37411
Ion Ratio Lower Upper
228 100
226 32.2 24.9 37.3
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.101 ng/ul
RT: 23.108 min Scan# 4718
Delta R.T. -0.012 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

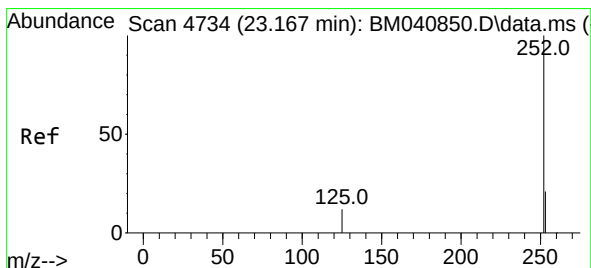
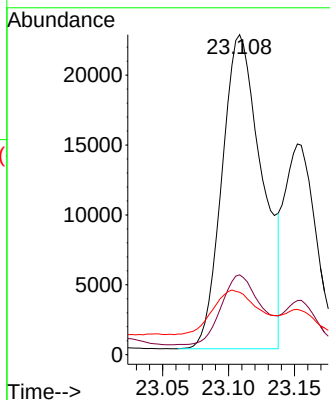
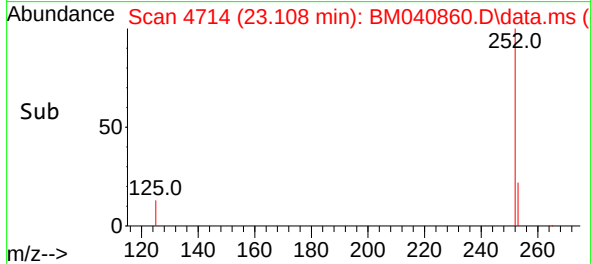
Instrument :
BNA_M
ClientSampleId :
A46K6MSD



Tgt Ion:252 Resp: 4732
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 19.5 0.0 43.0

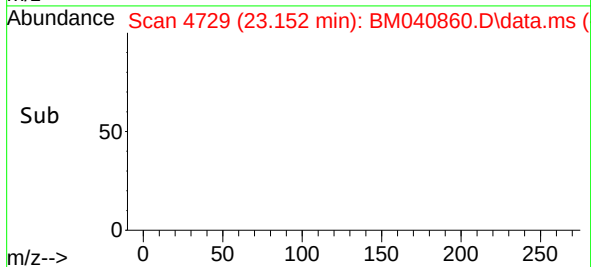
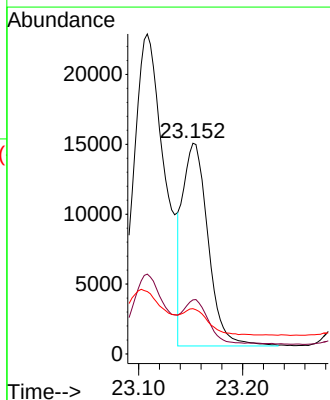
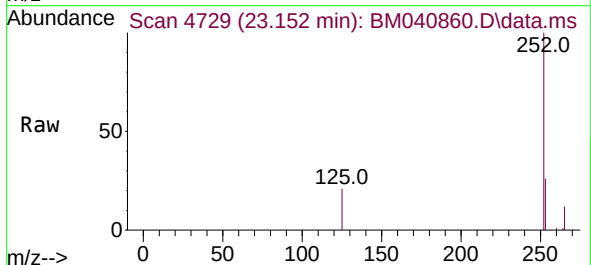
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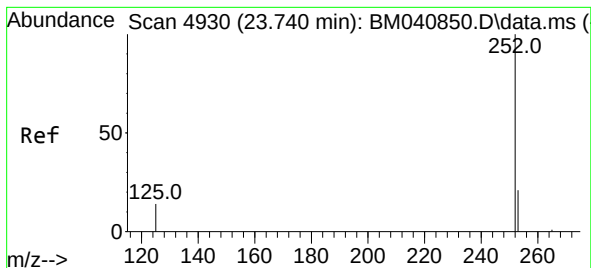
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.580 ng/ul m
RT: 23.152 min Scan# 4729
Delta R.T. -0.015 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

Tgt Ion:252 Resp: 24589
Ion Ratio Lower Upper
252 100
253 25.7 21.2 31.8
125 21.5 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.835 ng/ul

RT: 23.725 min Scan# 4930

Delta R.T. -0.015 min

Lab File: BM040860.D

Acq: 13 Jul 2023 21:47

Instrument :

BNA_M

ClientSampleId :

A46K6MSD

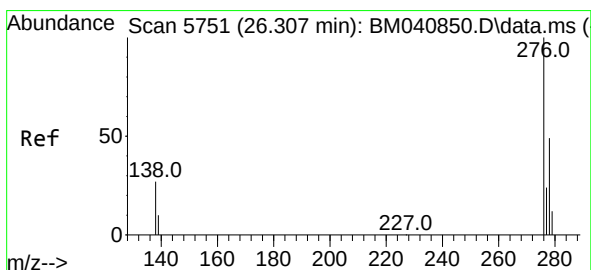
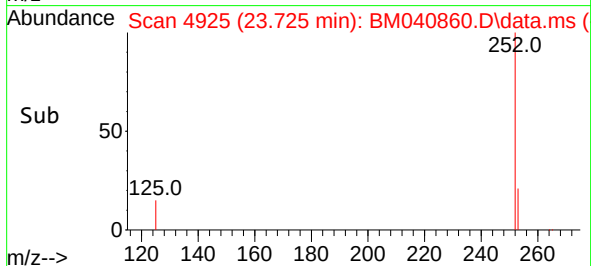
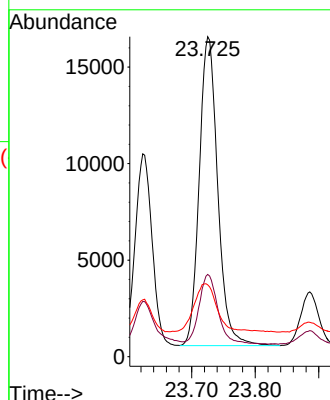
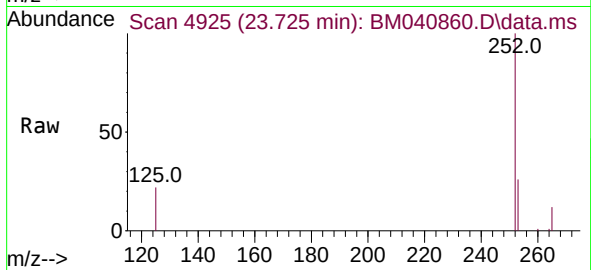
Tgt Ion:	252	Resp:	3234
Ion Ratio	Lower	Upper	
252	100		
253	25.7	22.9	34.3
125	22.5	21.0	31.4

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Reviewed By :Yogesh Patel 07/17/2023

Supervised By :mohammad ahmed 07/17/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.590 ng/ul

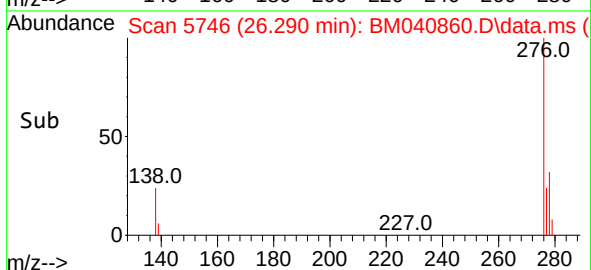
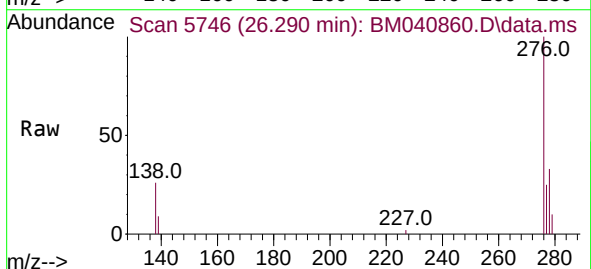
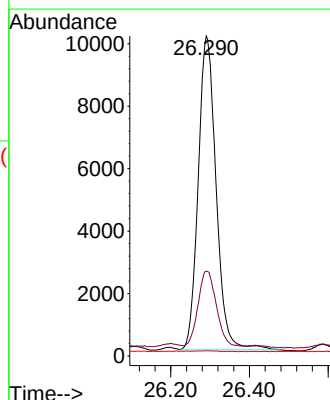
RT: 26.290 min Scan# 5746

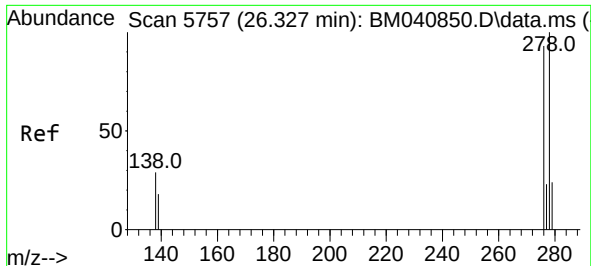
Delta R.T. -0.017 min

Lab File: BM040860.D

Acq: 13 Jul 2023 21:47

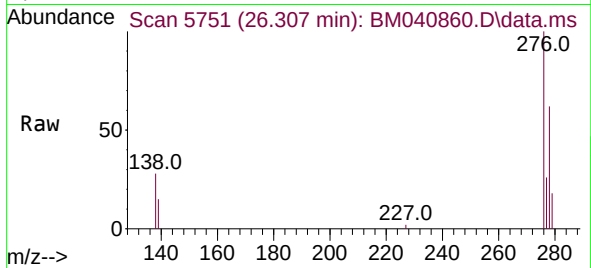
Tgt Ion:	276	Resp:	31814
Ion Ratio	Lower	Upper	
276	100		
138	25.2	24.5	36.7
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.307 min Scan# 5751
Delta R.T. -0.020 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

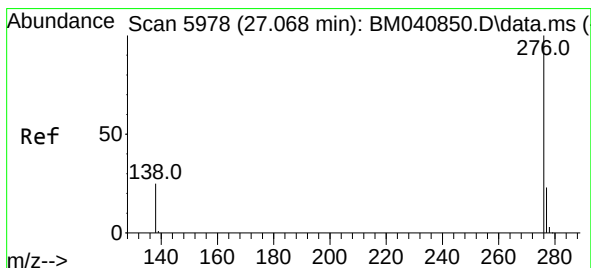
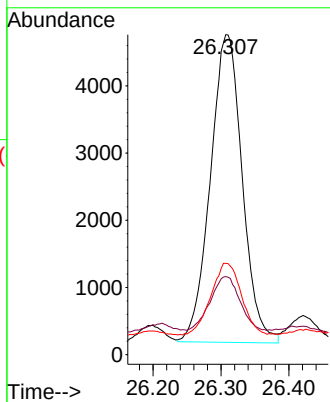
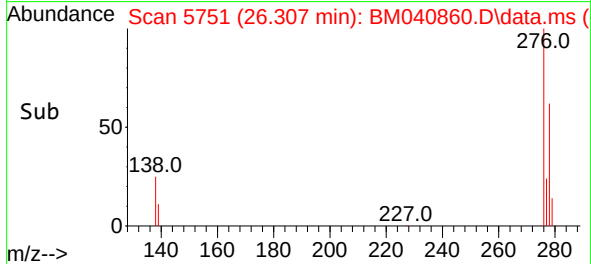
Instrument :
BNA_M
ClientSampleId :
A46K6MSD



Tgt Ion:278 Resp: 1495
Ion Ratio Lower Upper
278 100
139 24.4 17.9 26.9
279 28.5 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.020 min
Lab File: BM040860.D
Acq: 13 Jul 2023 21:47

Tgt Ion:276 Resp: 30950
Ion Ratio Lower Upper
276 100
138 26.3 23.0 34.6
277 25.0 20.3 30.5

