

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040857.D
 Acq On : 13 Jul 2023 19:52
 Operator : MA/JU
 Sample : 03418-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46E9

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 03:17:24 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	7.861	152	4743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	17422	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8280	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	16645	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	10067	0.400	ng/ul	0.00
23) Perylene-d12	23.836	264	9173	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	11577	1.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	2842	0.116	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	4729	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	20495	0.427	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	1432	0.051	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	753	0.027	ng/ul	92
10) Acenaphthylene	14.231	152	1319	0.036	ng/ul#	62
11) Acenaphthene	14.573	153	3465	0.111	ng/ul	98
12) Fluorene	15.563	166	3085	0.093	ng/ul#	97
15) Phenanthrene	17.303	178	56806	1.099	ng/ul	99
16) Anthracene	17.396	178	6198	0.143	ng/ul#	94
19) Fluoranthene	19.324	202	87409	2.044	ng/ul	96
20) Pyrene	19.687	202	81245	1.772	ng/ul	99
21) Benzo(a)anthracene	21.436	228	27646	0.812	ng/ul	97
22) Chrysene	21.492	228	32539	0.838	ng/ul	98
24) Benzo(b)fluoranthene	23.111	252	35147	0.990	ng/ul	99
25) Benzo(k)fluoranthene	23.155	252	11149m	0.319	ng/ul	
26) Benzo(a)pyrene	23.728	252	14219	0.445	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.294	276	14636	0.329	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.310	278	3661	0.105	ng/ul#	64
29) Benzo(g,h,i)perylene	27.055	276	14966	0.383	ng/ul	99

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

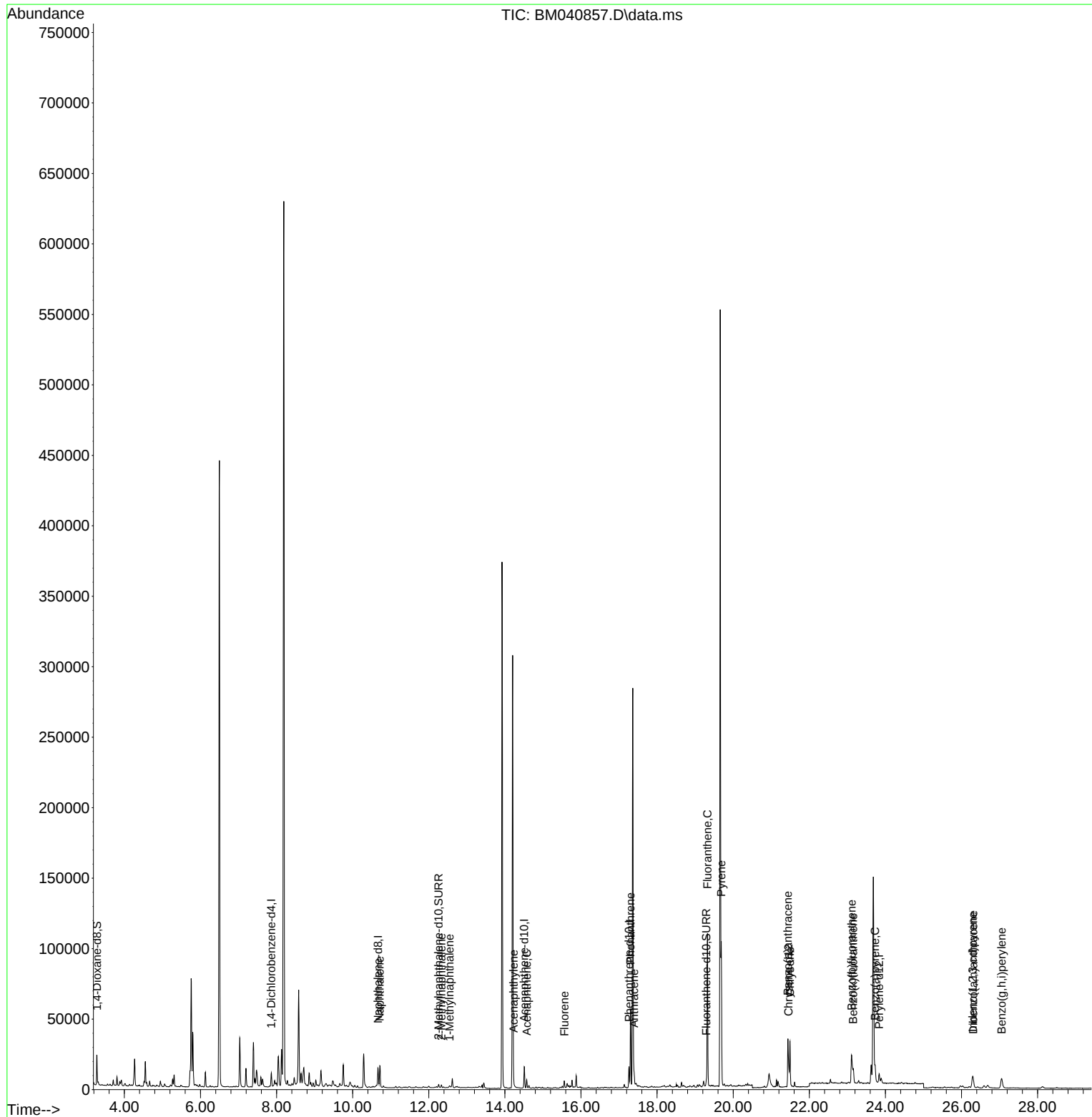
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040857.D
Acq On : 13 Jul 2023 19:52
Operator : MA/JU
Sample : 03418-07
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ALS Vial : 9 Sample Multiplier: 1

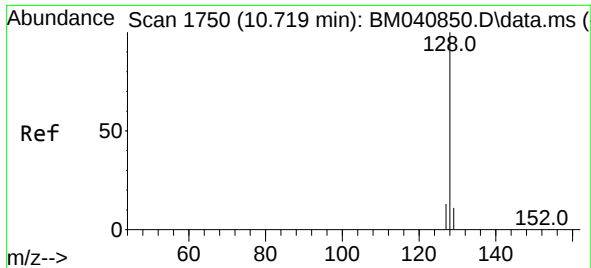
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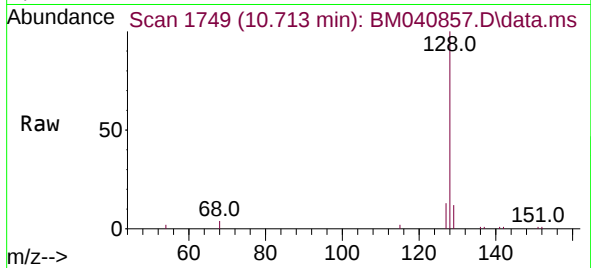
Quant Time: Jul 14 03:17:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

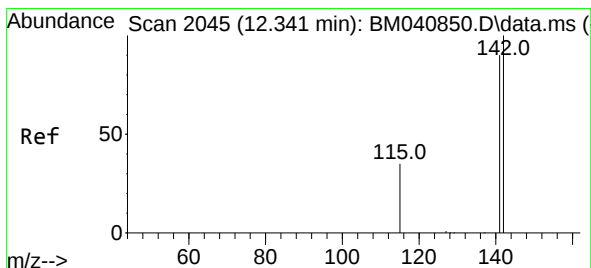
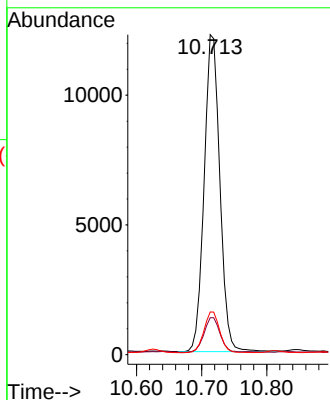
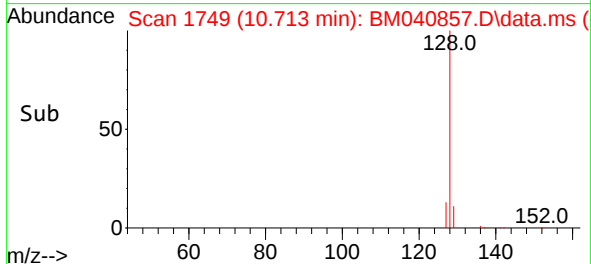
Instrument :
BNA_M
ClientSampleId :
A46E9



Tgt Ion:128 Resp: 2049
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.6 15.8

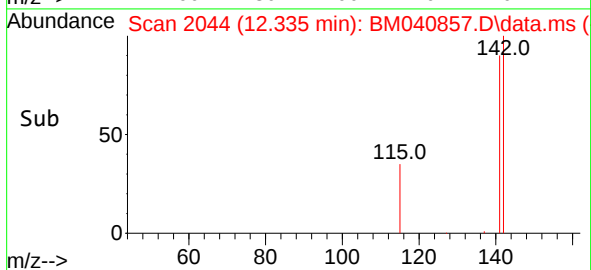
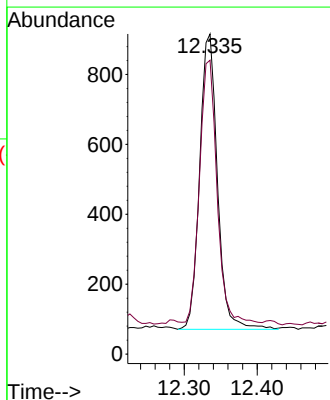
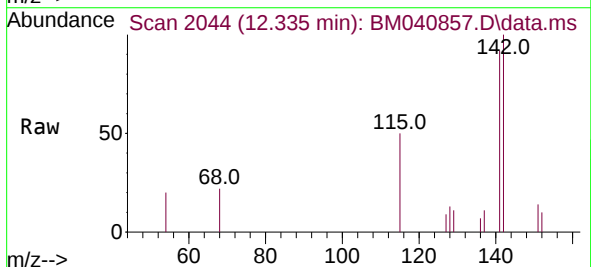
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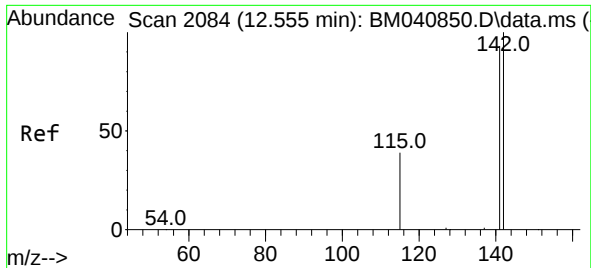
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

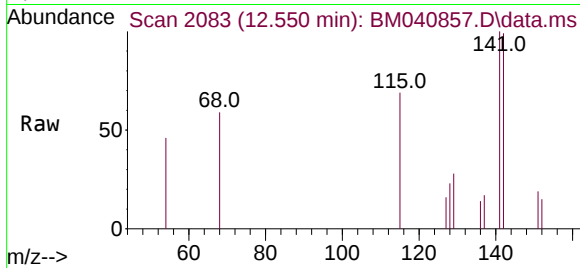
Tgt Ion:142 Resp: 1432
Ion Ratio Lower Upper
142 100
141 86.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.550 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

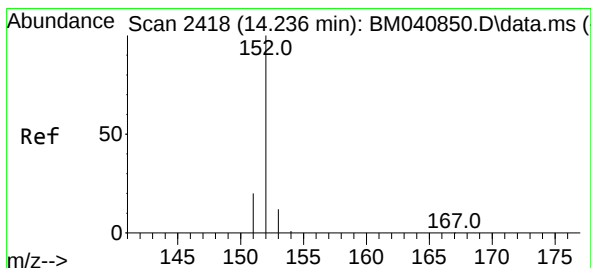
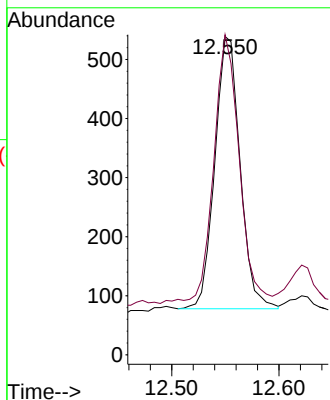
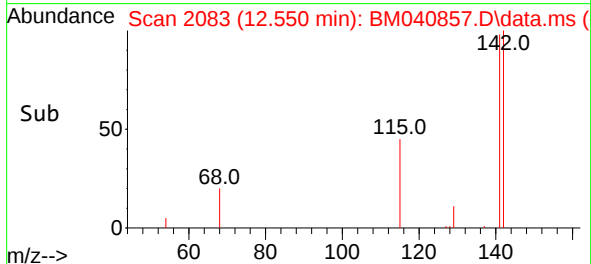
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
141 100.0 73.7 110.5

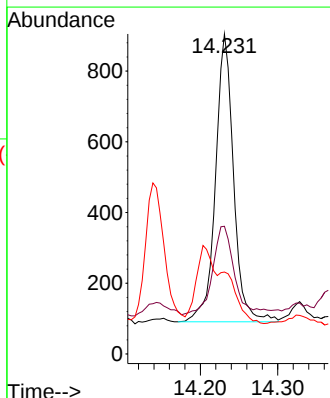
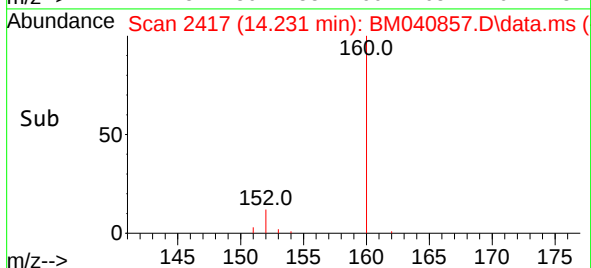
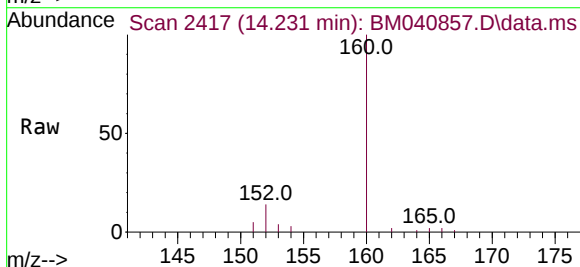
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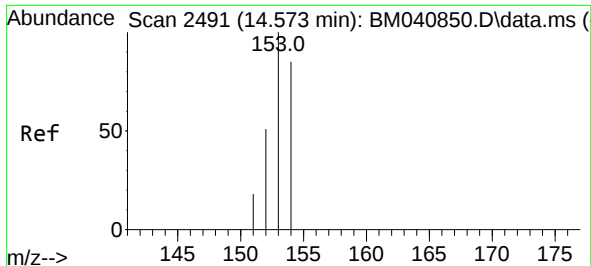
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

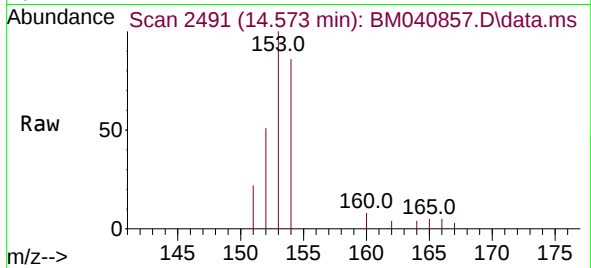
Tgt Ion:152 Resp: 1319
Ion Ratio Lower Upper
152 100
151 39.9 16.2 24.2#
153 25.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.111 ng/u1
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

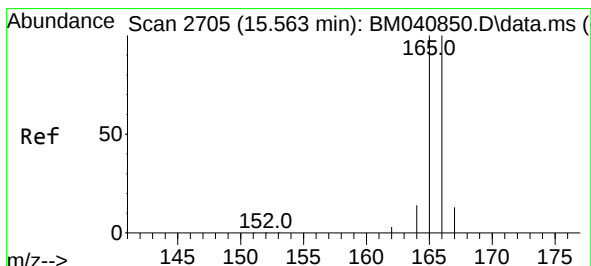
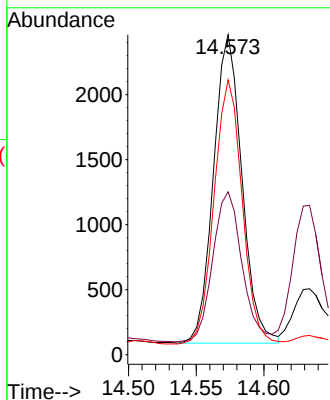
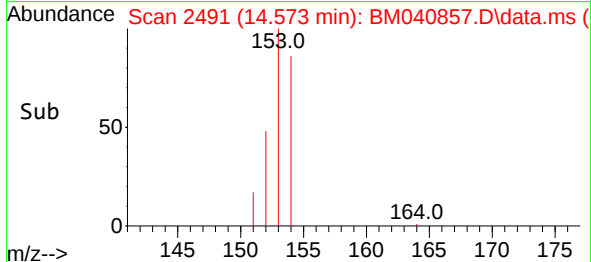
Instrument :
BNA_M
ClientSampleId :
A46E9



Tgt Ion:153 Resp: 346
Ion Ratio Lower Upper
153 100
152 50.9 41.0 61.4
154 85.9 70.8 106.2

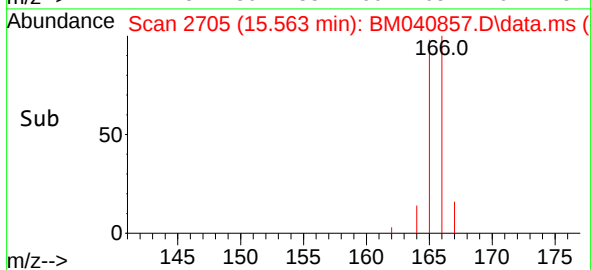
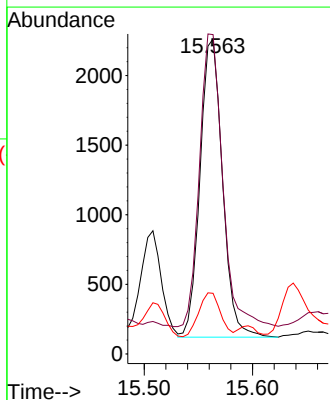
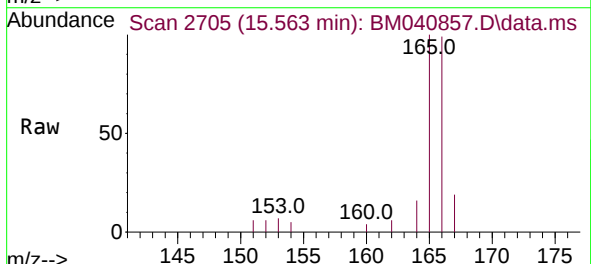
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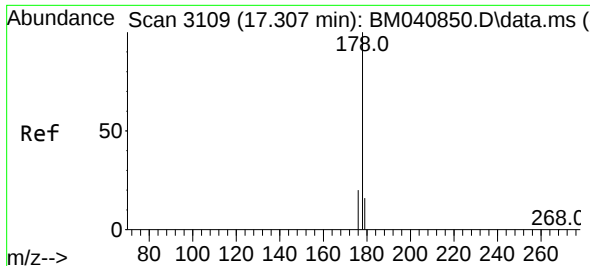
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.093 ng/u1
RT: 15.563 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

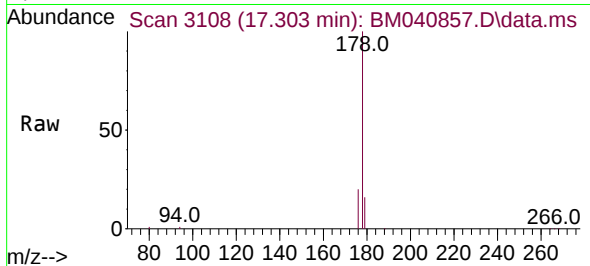
Tgt Ion:166 Resp: 3085
Ion Ratio Lower Upper
166 100
165 101.4 79.6 119.4
167 19.3 11.4 17.0#





#15
Phenanthrene
Concen: 1.099 ng/u1
RT: 17.303 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

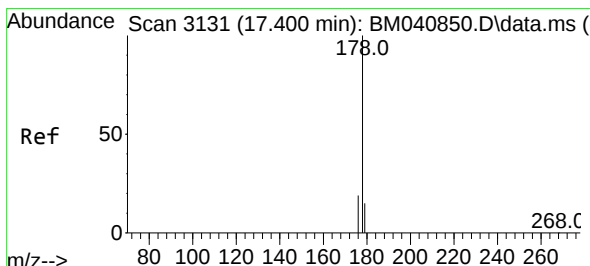
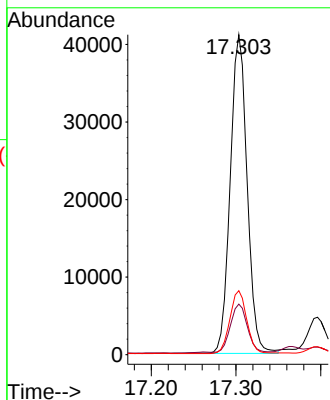
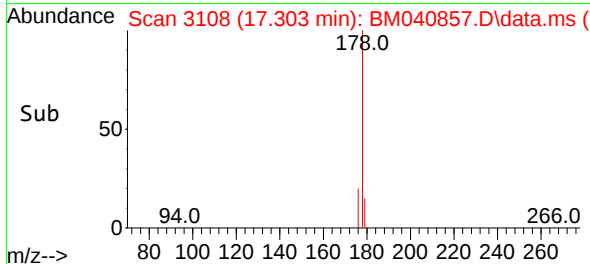
Instrument :
BNA_M
ClientSampleId :
A46E9



Tgt Ion:178 Resp: 56800
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 20.0 16.4 24.6

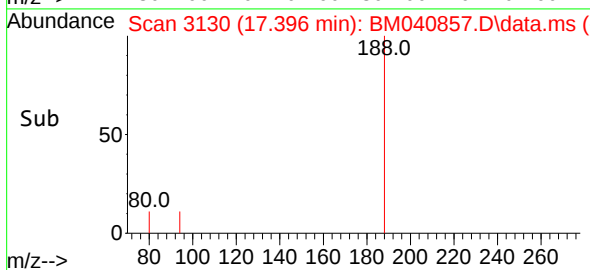
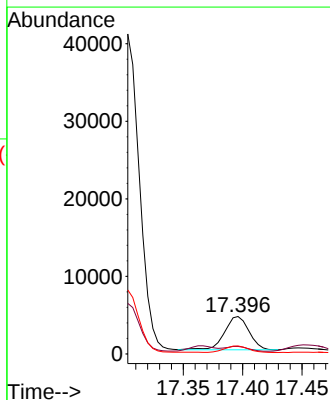
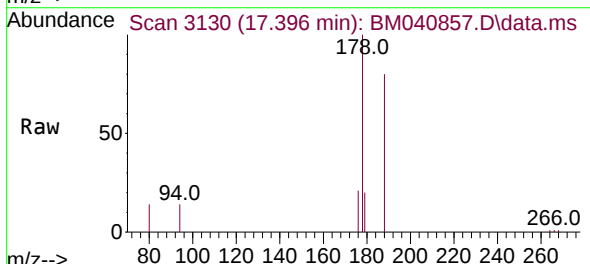
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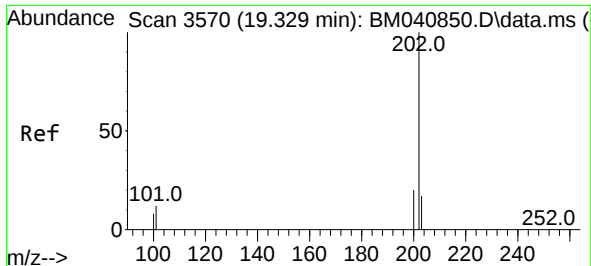
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.143 ng/u1
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

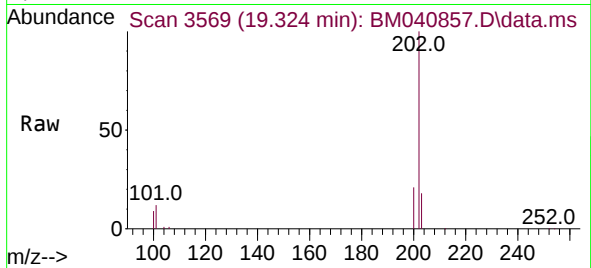
Tgt Ion:178 Resp: 6198
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 21.3 15.8 23.6





#19
Fluoranthene
Concen: 2.044 ng/ul
RT: 19.324 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

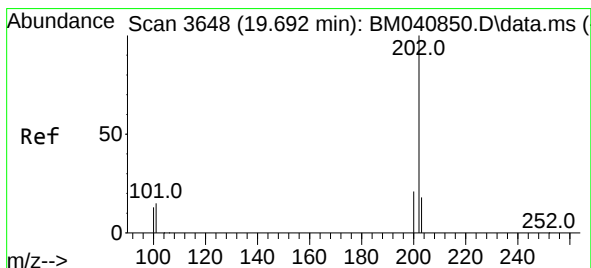
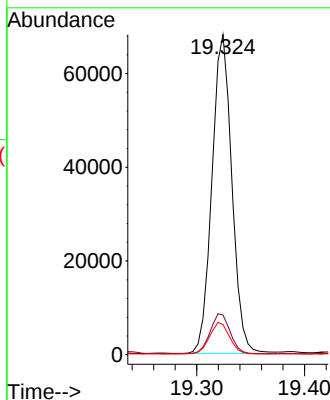
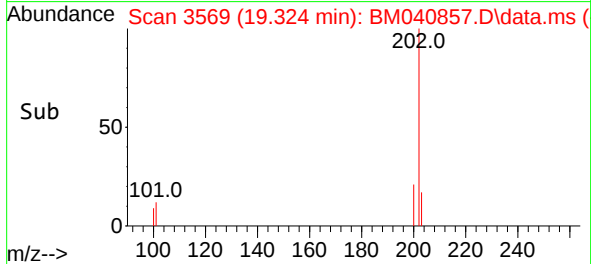
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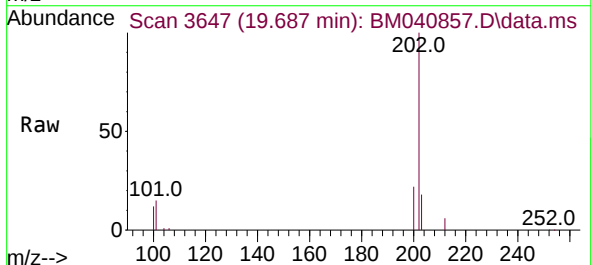
Tgt Ion:202 Resp: 87409
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.4 8.7 13.1

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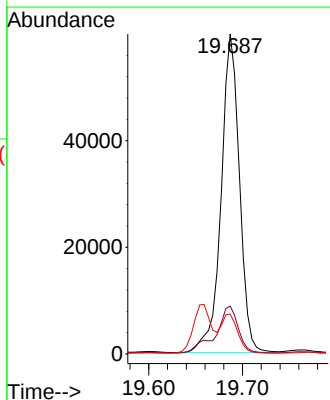
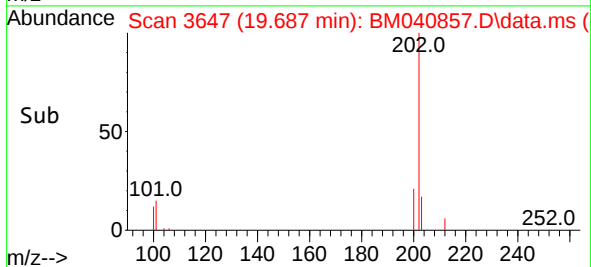
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

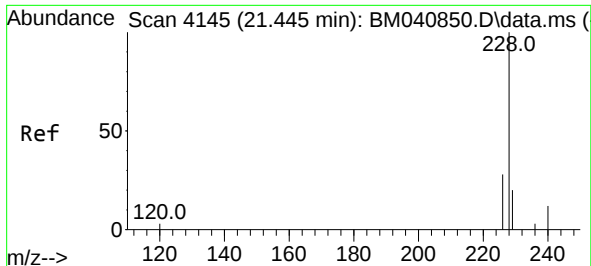


#20
Pyrene
Concen: 1.772 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52



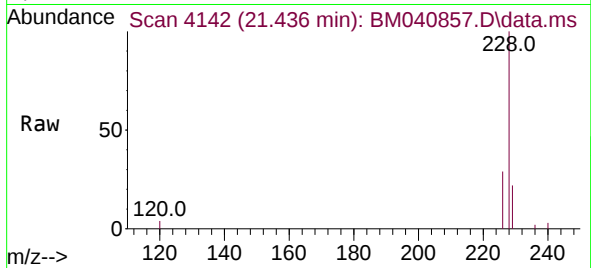
Tgt Ion:202 Resp: 81245
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.812 ng/ul
RT: 21.436 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

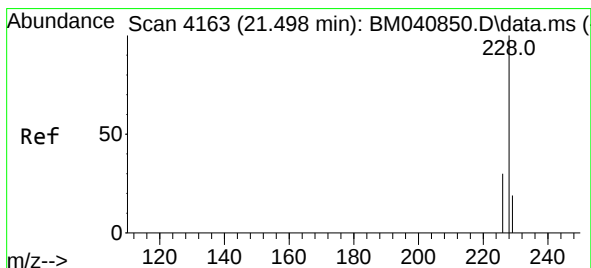
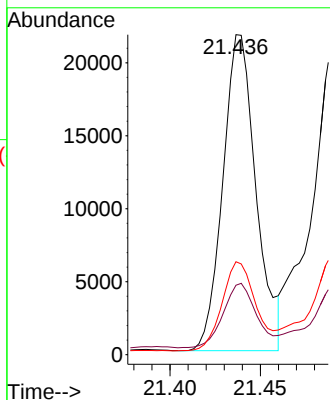
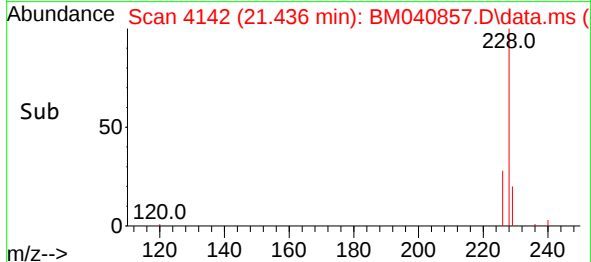
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 27640
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.1 22.3 33.5

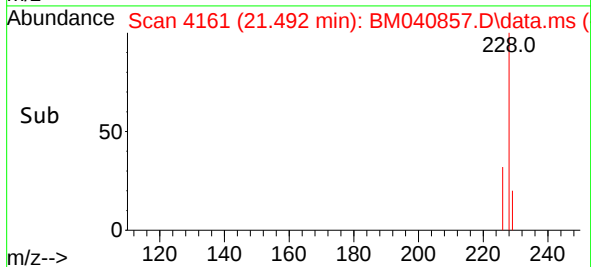
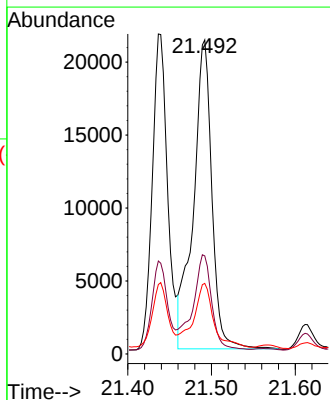
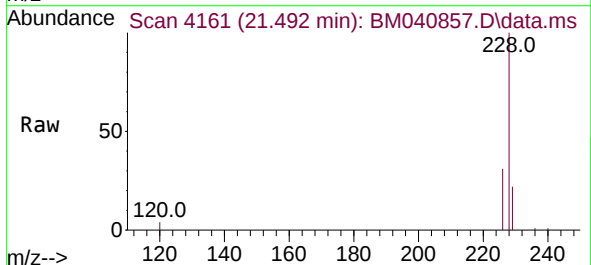
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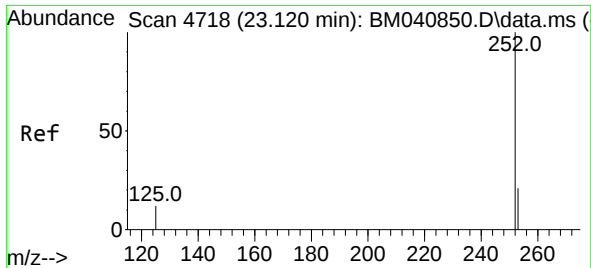
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.838 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

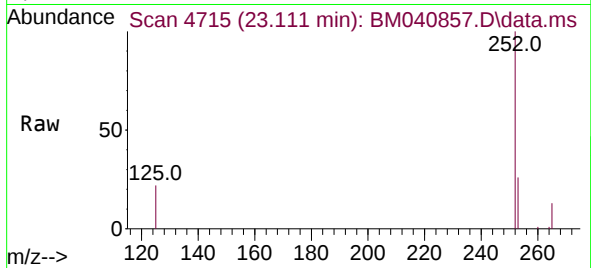
Tgt Ion:228 Resp: 32539
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.990 ng/ul
RT: 23.111 min Scan# 4715
Delta R.T. -0.009 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

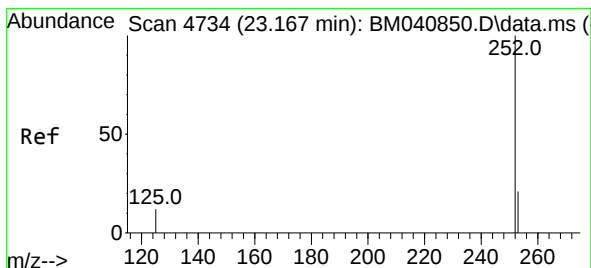
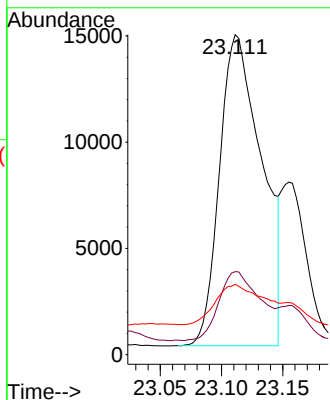
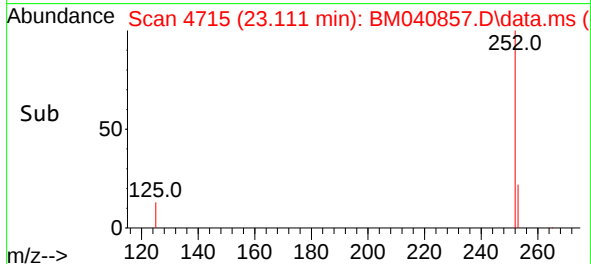
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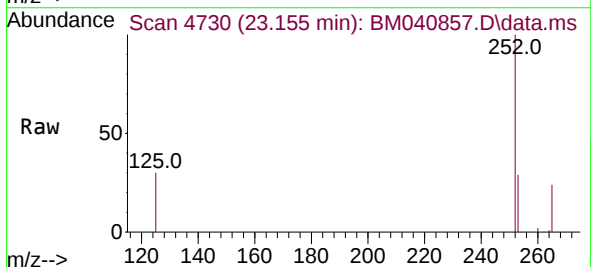
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Ion Ratio Lower Upper
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253 26.0 0.0 52.8
125 22.0 0.0 43.0

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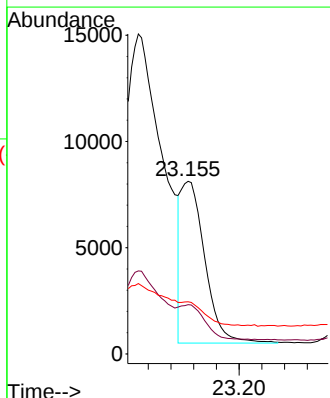
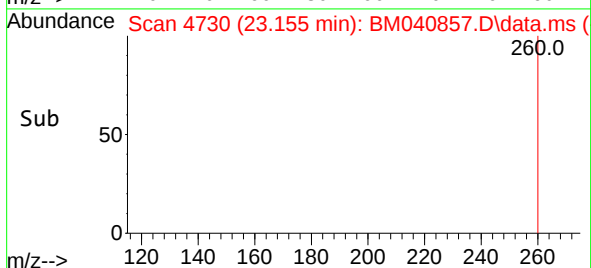
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

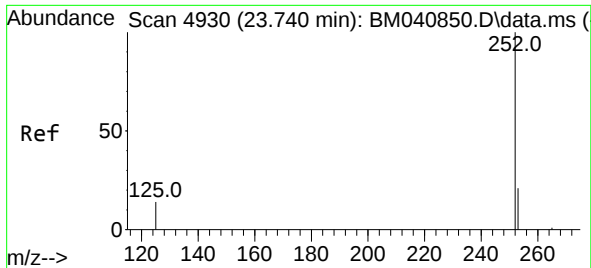


#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 23.155 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52



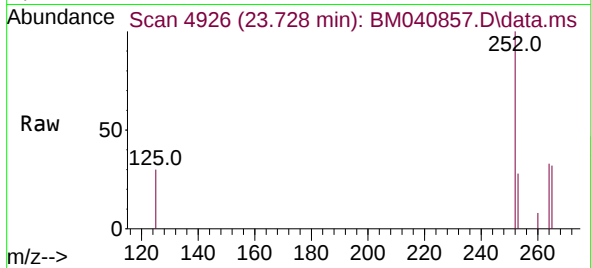
Tgt Ion:252 Resp: 11149
Ion Ratio Lower Upper
252 100
253 28.5 21.2 31.8
125 30.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. -0.012 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

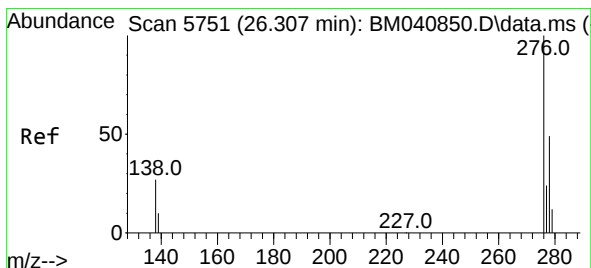
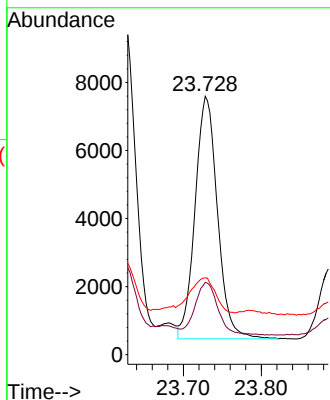
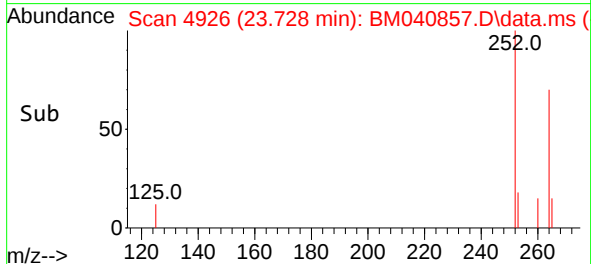
Instrument :
BNA_M
ClientSampleId :
A46E9



Tgt Ion:252 Resp: 14219
Ion Ratio Lower Upper
252 100
253 28.0 22.9 34.3
125 29.7 21.0 31.4

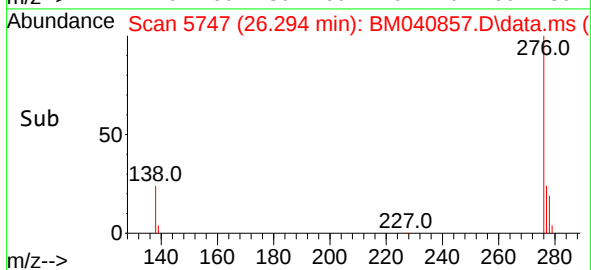
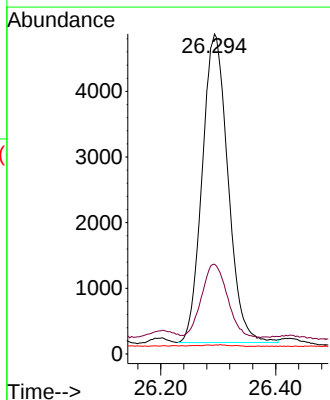
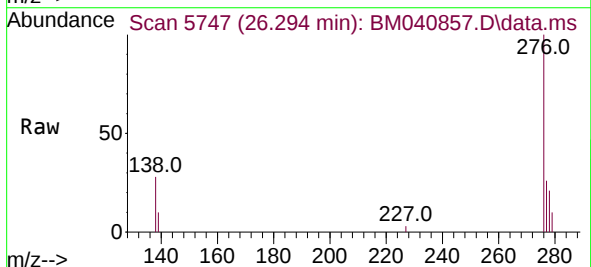
Manual Integrations
APPROVED

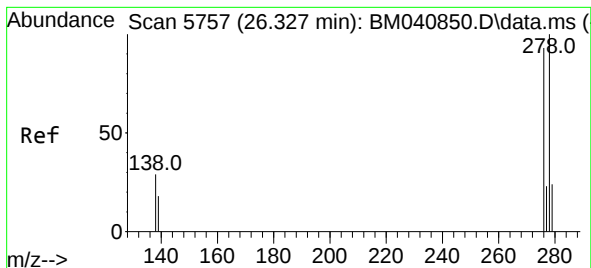
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.013 min
Lab File: BM040857.D
Acq: 13 Jul 2023 19:52

Tgt Ion:276 Resp: 14636
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.105 ng/ul

RT: 26.310 min Scan# 51

Delta R.T. -0.017 min

Lab File: BM040857.D

Acq: 13 Jul 2023 19:52

Instrument :

BNM_M

ClientSampleId :

A46E9

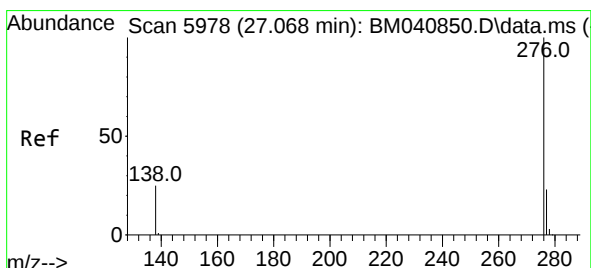
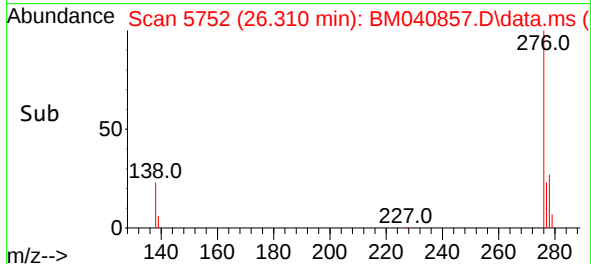
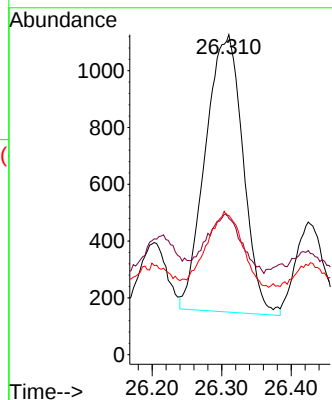
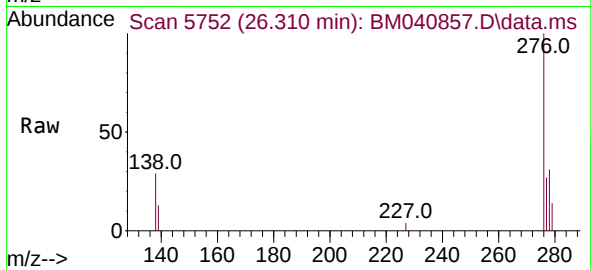
Tgt Ion:	278	Resp:	366
Ion Ratio	Lower	Upper	
278	100		
139	42.6	17.9	26.9
279	43.6	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2023

Supervised By :mohammad ahmed 07/17/2023



#29

Benzo(g,h,i)perylene

Concen: 0.383 ng/ul

RT: 27.055 min Scan# 5974

Delta R.T. -0.013 min

Lab File: BM040857.D

Acq: 13 Jul 2023 19:52

Tgt Ion:	276	Resp:	14966
Ion Ratio	Lower	Upper	
276	100		
138	28.1	23.0	34.6
277	25.5	20.3	30.5

