

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM041001.D
 Acq On : 21 Jul 2023 03:53
 Operator : MA/JU
 Sample : 03444-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 04:58:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4522	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	15581	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	9426	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	26987	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	16016	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	18729	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	68228	9.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	15920	0.767	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	35908	0.533	ng/ul	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.317	88	379	0.048	ng/ul#	1
5) Naphthalene	10.719	128	18396	0.432	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	2003	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.555	142	1304	0.052	ng/ul	99
10) Acenaphthylene	14.236	152	5662	0.143	ng/ul#	91
11) Acenaphthene	14.578	153	6859	0.197	ng/ul	98
12) Fluorene	15.568	166	7364	0.204	ng/ul	98
15) Phenanthrene	17.312	178	132201	1.639	ng/ul	98
16) Anthracene	17.405	178	18776	0.299	ng/ul	98
19) Fluoranthene	19.334	202	281355	3.402	ng/ul#	93
20) Pyrene	19.696	202	239675	2.837	ng/ul	95
21) Benzo(a)anthracene	21.445	228	106238	2.177	ng/ul	99
22) Chrysene	21.498	228	110723	1.985	ng/ul	98
24) Benzo(b)fluoranthene	23.126	252	126234	1.756	ng/ul	88
25) Benzo(k)fluoranthene	23.170	252	56088m	0.821	ng/ul	
26) Benzo(a)pyrene	23.749	252	74203	1.195	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.320	276	71948	0.873	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.327	278	19807	0.318	ng/ul	99
29) Benzo(g,h,i)perylene	27.082	276	72196	0.948	ng/ul#	92

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

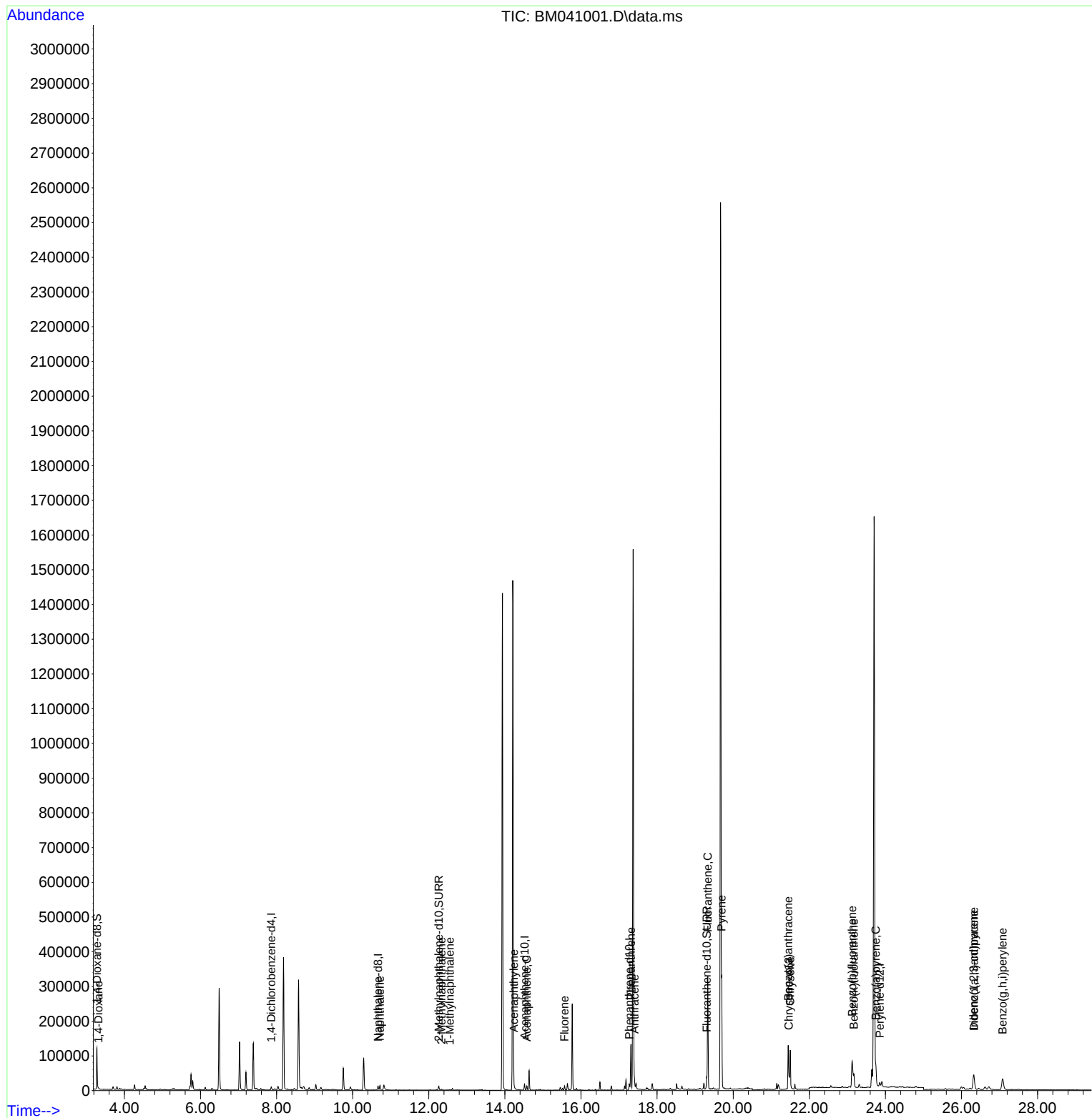
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM041001.D
Acq On : 21 Jul 2023 03:53
Operator : MA/JU
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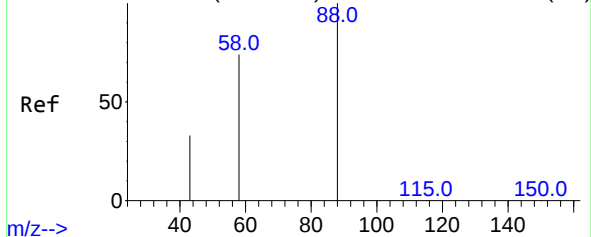
Manual Integrations
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Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

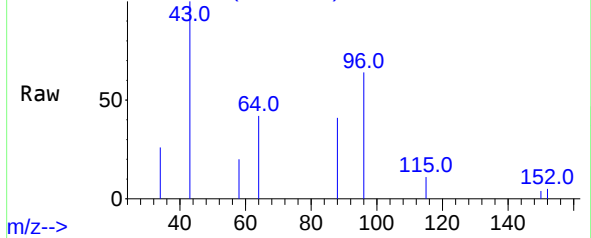
Quant Time: Jul 21 04:58:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration



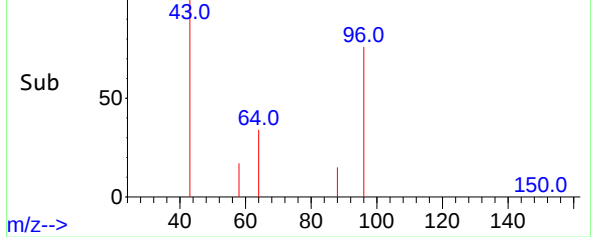
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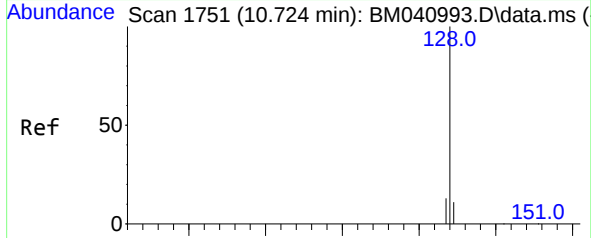
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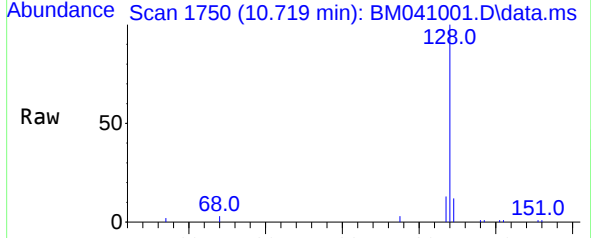
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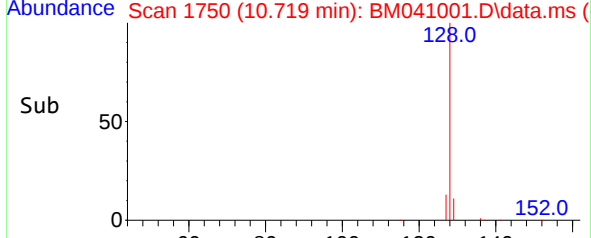
m/z-->



m/z-->



m/z-->



m/z-->

#2
1,4-Dioxane
Concen: 0.048 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

Tgt Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 246.1 46.7 70.1
58 50.3 40.3 60.5

Instrument :

BNA_M

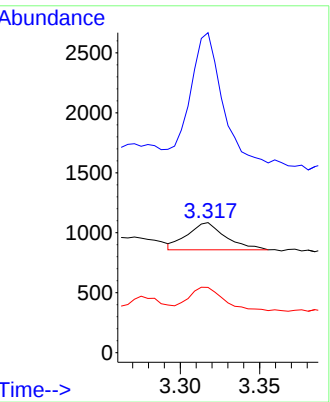
ClientSampleId :

A46T7

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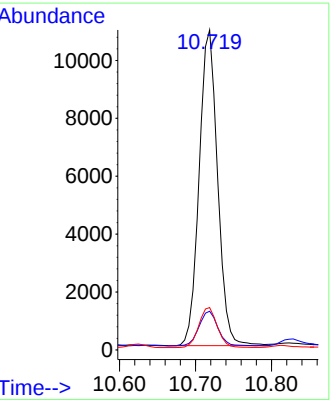
APPROVED

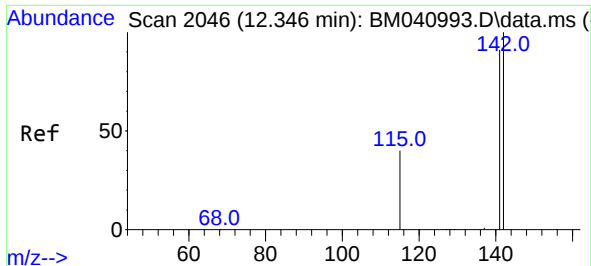
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

Tgt Ion:128 Resp: 18396
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.8
127 13.3 11.0 16.4





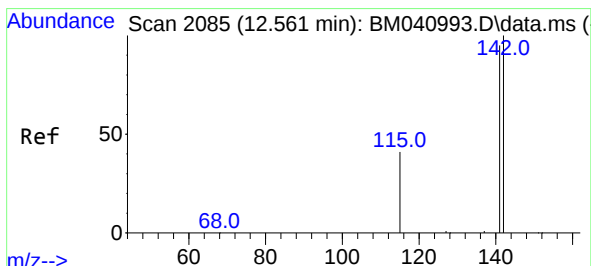
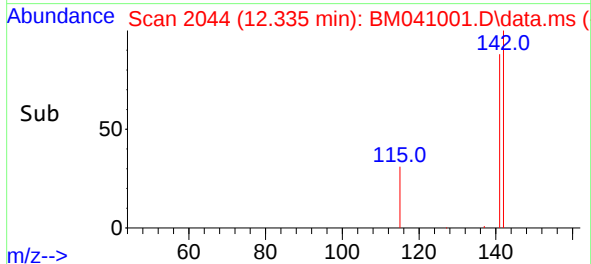
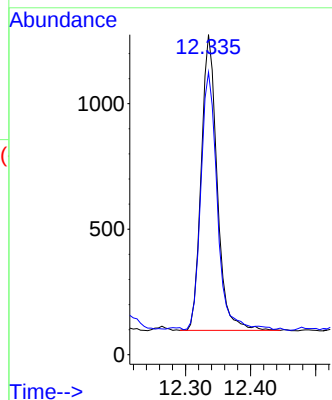
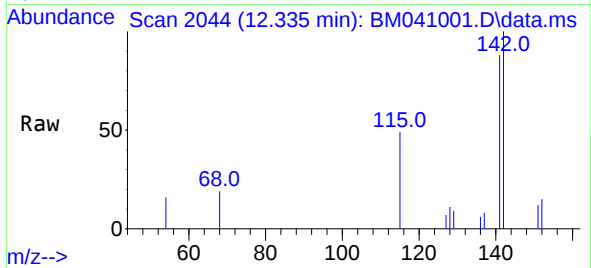
#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

Instrument :
BNA_M
ClientSampleId :
A46T7

Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8

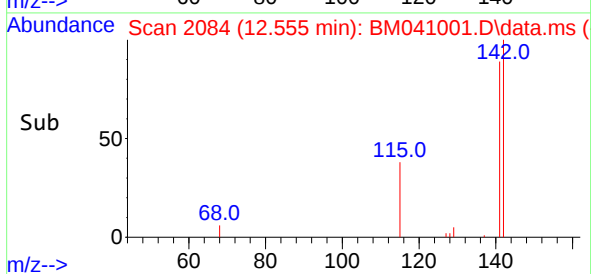
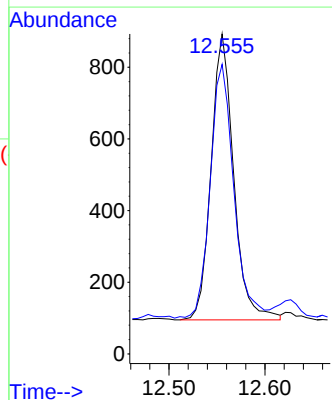
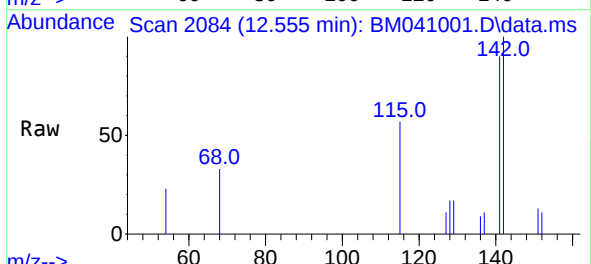
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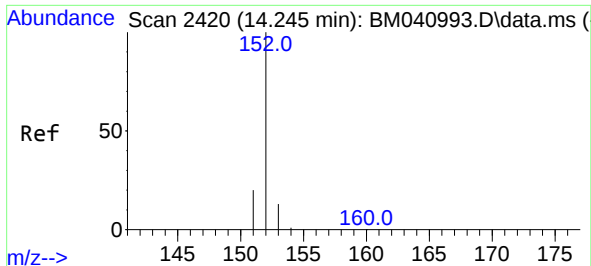
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.011 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

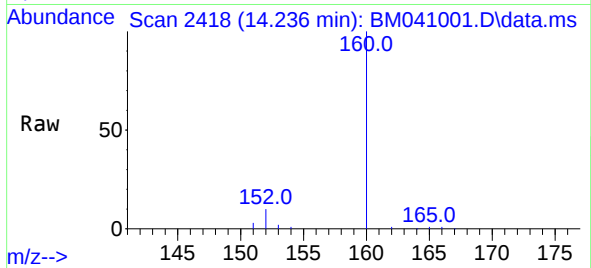
Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2





#10
Acenaphthylene
Concen: 0.143 ng/u1
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

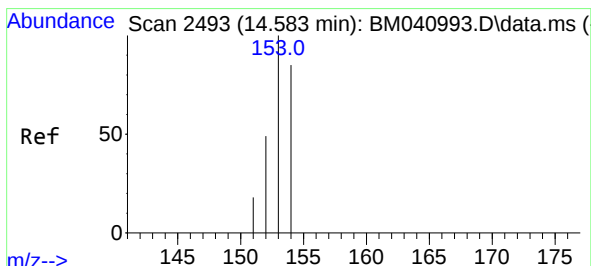
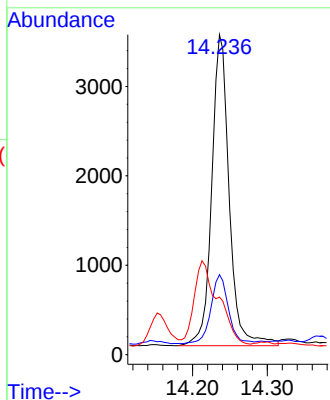
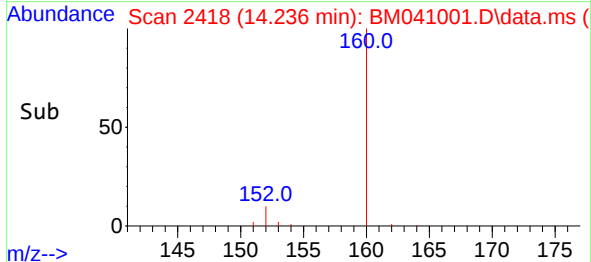
Instrument :
BNA_M
ClientSampleId :
A46T7



Tgt Ion:152 Resp: 5662
Ion Ratio Lower Upper
152 100
151 25.0 16.8 25.2
153 18.0 11.6 17.4

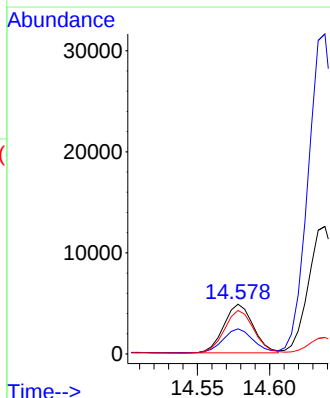
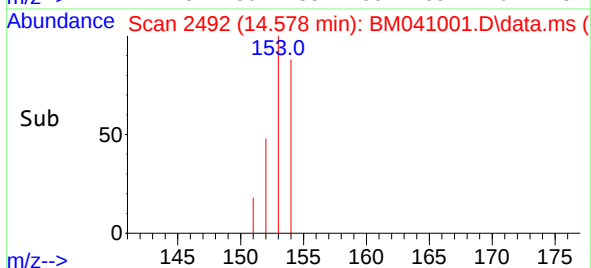
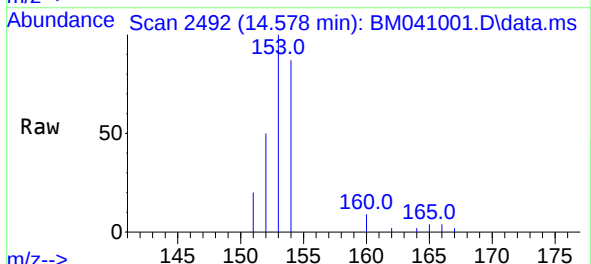
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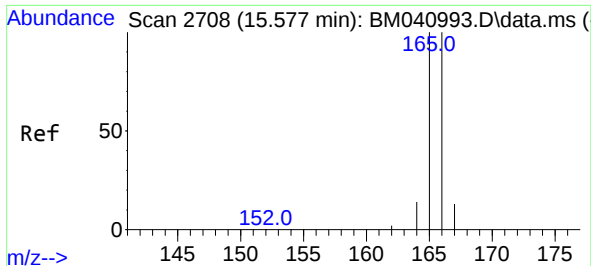
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#11
Acenaphthene
Concen: 0.197 ng/u1
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

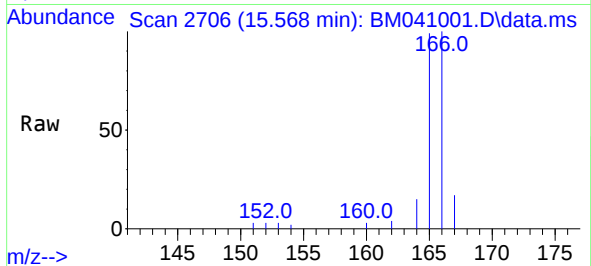
Tgt Ion:153 Resp: 6859
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.6
154 87.5 68.2 102.2





#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.568 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

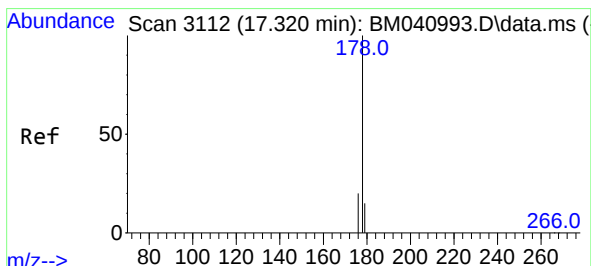
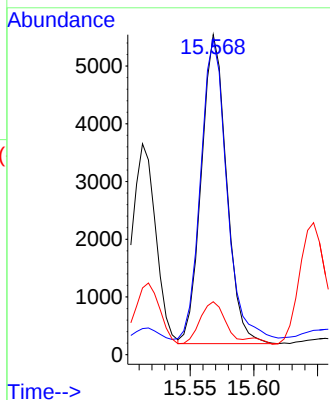
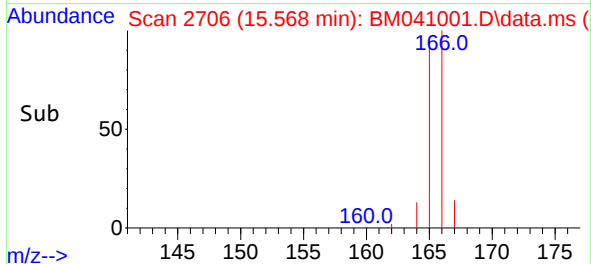
Instrument :
BNA_M
ClientSampleId :
A46T7



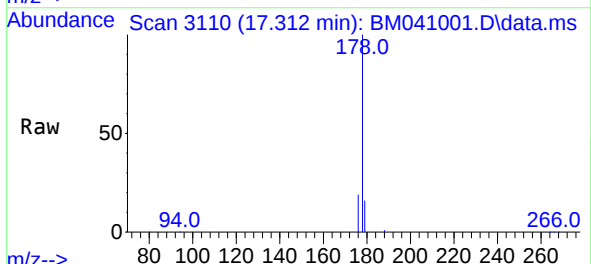
Tgt Ion:166 Resp: 7364
Ion Ratio Lower Upper
166 100
165 98.7 80.3 120.5
167 16.6 11.7 17.5

Manual Integrations
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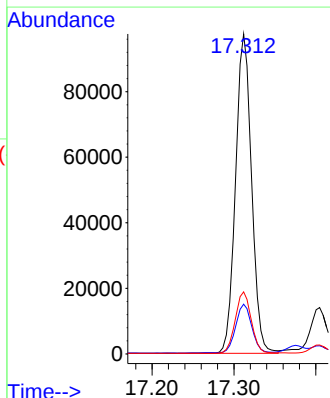
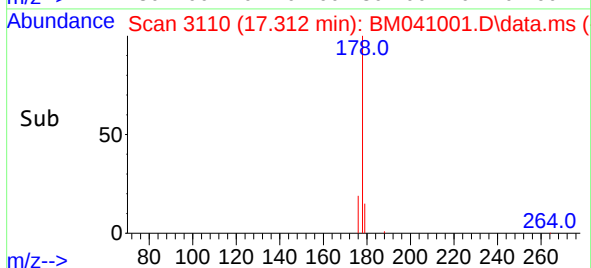
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

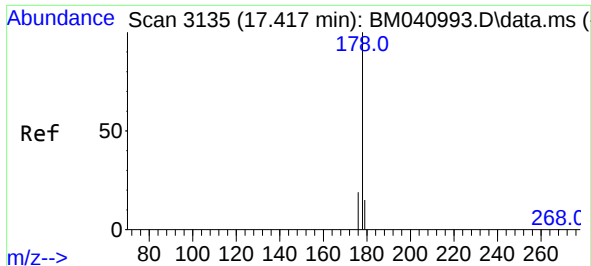


#15
Phenanthrene
Concen: 1.639 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53



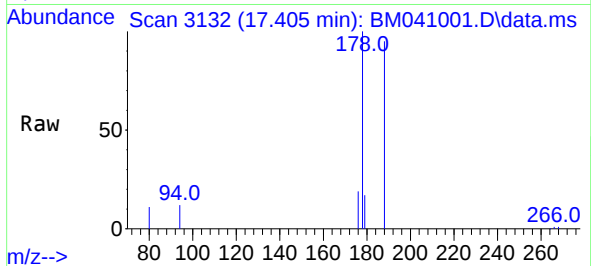
Tgt Ion:178 Resp: 132201
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 16.2 24.4





#16
 Anthracene
 Concen: 0.299 ng/u1
 RT: 17.405 min Scan# 3135
 Delta R.T. -0.017 min
 Lab File: BM041001.D
 Acq: 21 Jul 2023 03:53

Instrument :
 BNA_M
 ClientSampleId :
 A46T7

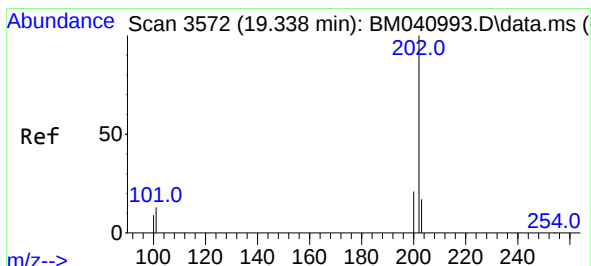
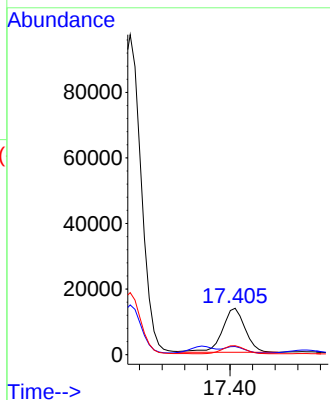
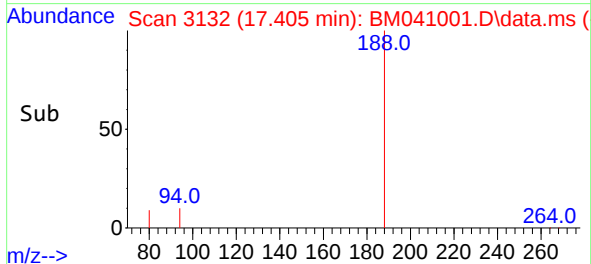


Tgt Ion:178 Resp: 18770

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.7	20.5
176	19.5	16.4	24.6

Manual Integrations
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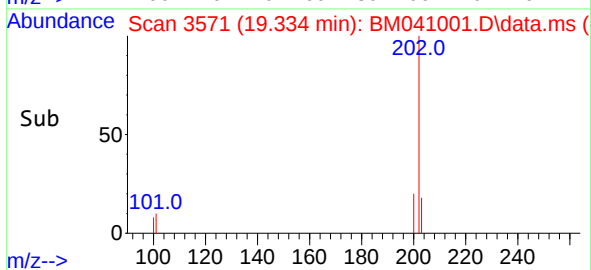
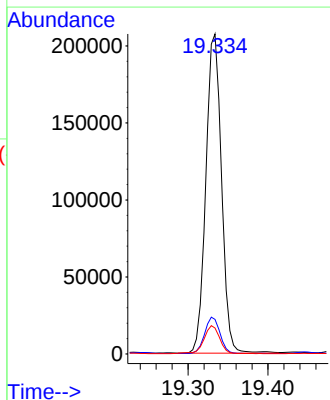
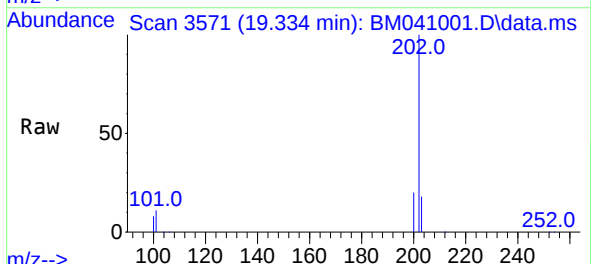
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

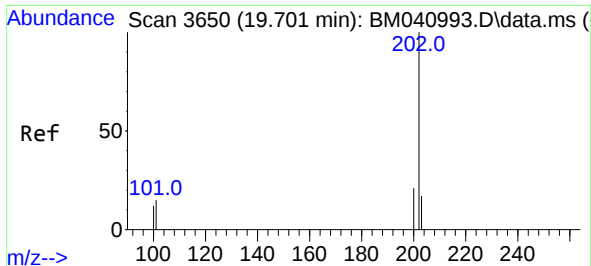


#19
 Fluoranthene
 Concen: 3.402 ng/u1
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BM041001.D
 Acq: 21 Jul 2023 03:53

Tgt Ion:202 Resp: 281355

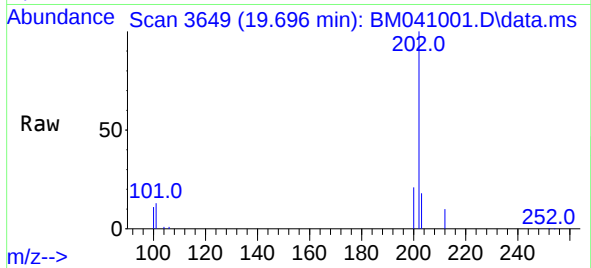
Ion	Ratio	Lower	Upper
202	100		
101	10.8	11.0	16.4#
100	8.1	8.3	12.5#





#20
Pyrene
Concen: 2.837 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

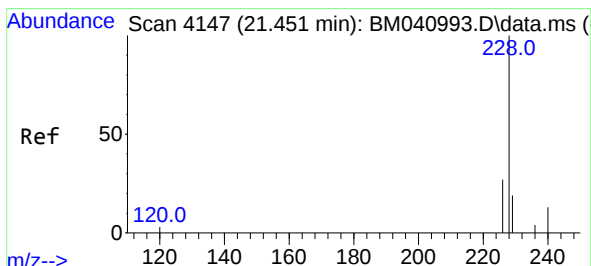
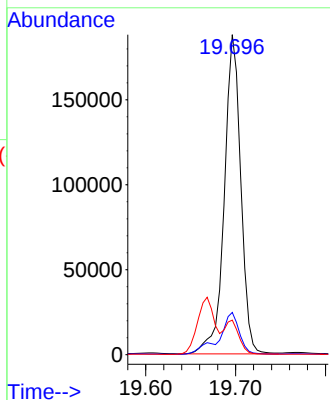
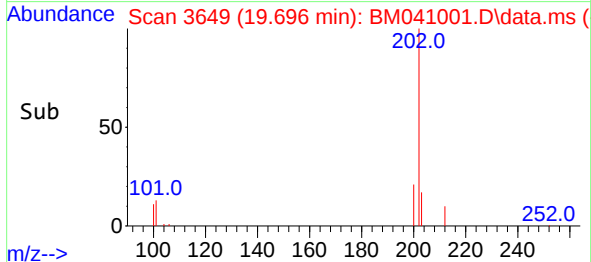
Instrument :
BNA_M
ClientSampleId :
A46T7



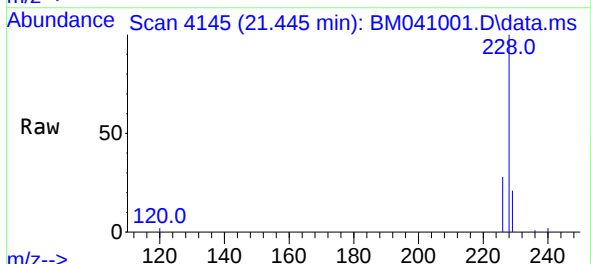
Tgt Ion:202 Resp: 23967
Ion Ratio Lower Upper
202 100
101 13.2 12.5 18.7
100 10.8 10.0 15.0

Manual Integrations
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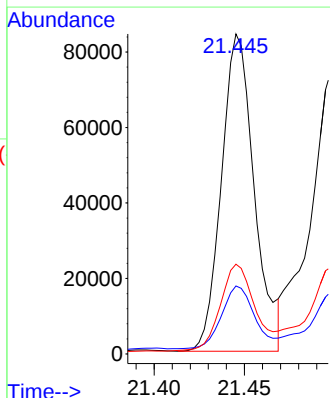
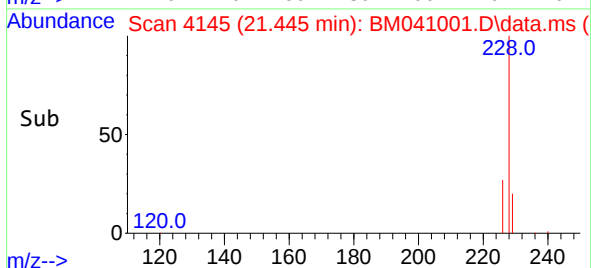
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

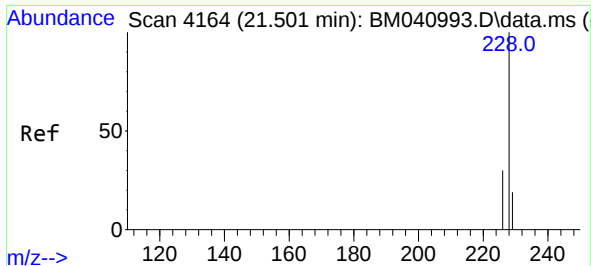


#21
Benzo(a)anthracene
Concen: 2.177 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53



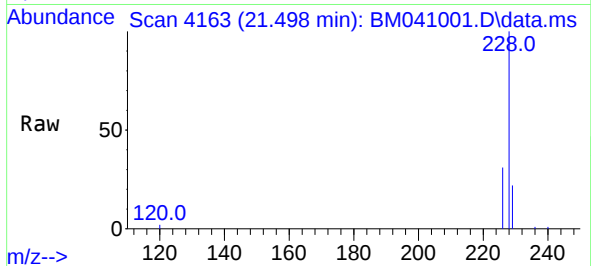
Tgt Ion:228 Resp: 106238
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.4
226 28.0 22.3 33.5





#22
Chrysene
Concen: 1.985 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

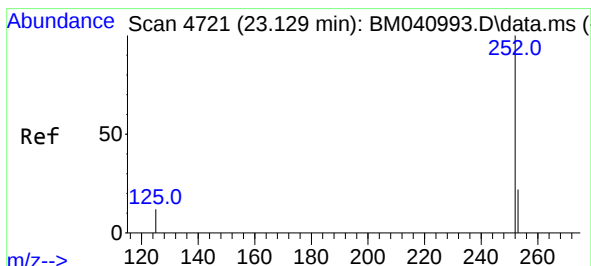
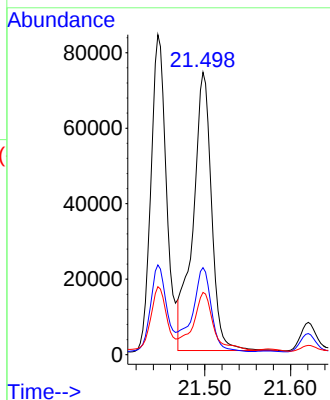
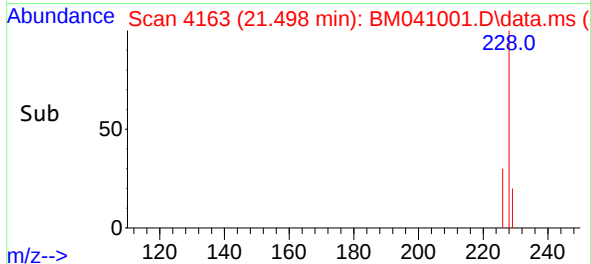
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BNA_M
ClientSampleId :
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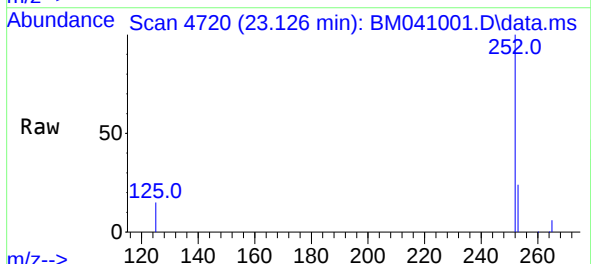
Tgt Ion:228 Resp: 110723
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 22.1 16.1 24.1

Manual Integrations
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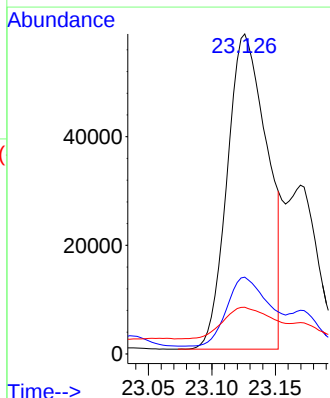
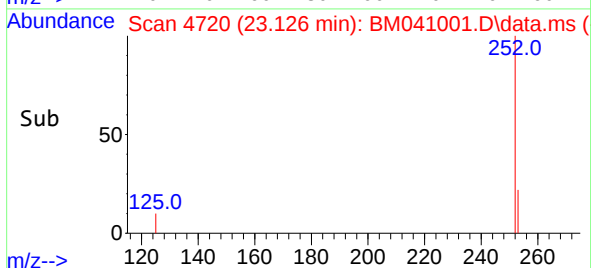
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

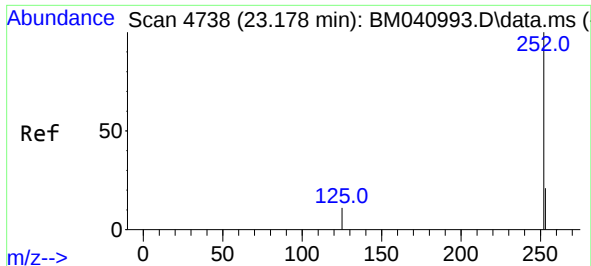


#24
Benzo(b)fluoranthene
Concen: 1.756 ng/ul
RT: 23.126 min Scan# 4720
Delta R.T. -0.009 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53



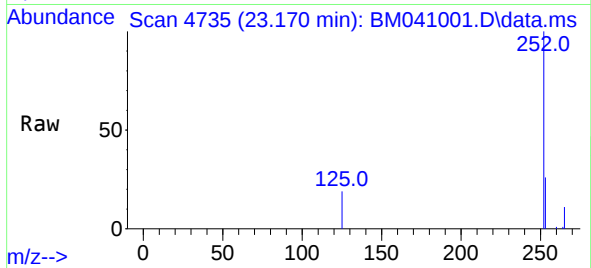
Tgt Ion:252 Resp: 126234
Ion Ratio Lower Upper
252 100
253 24.0 0.0 57.4
125 14.6 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.821 ng/ul m
RT: 23.170 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

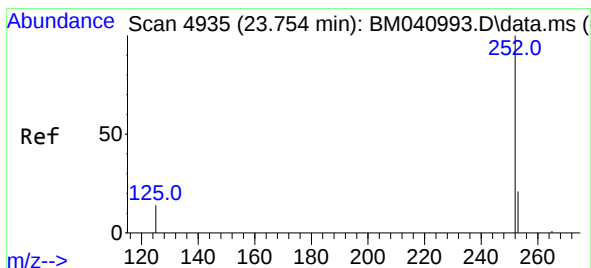
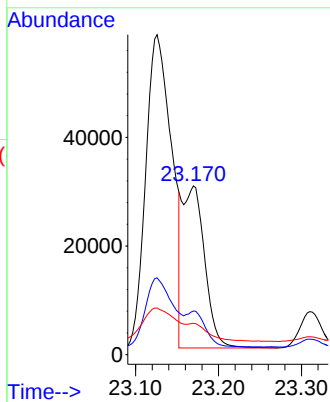
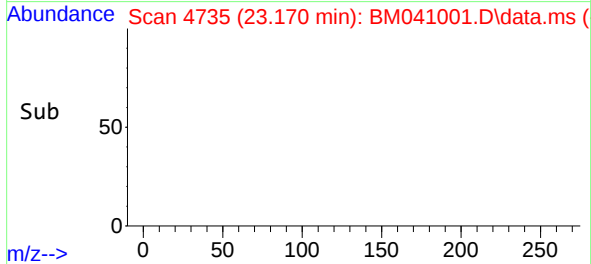
Instrument :
BNA_M
ClientSampleId :
A46T7



Tgt Ion:252 Resp: 56088
Ion Ratio Lower Upper
252 100
253 25.9 23.3 34.9
125 18.5 18.2 27.2

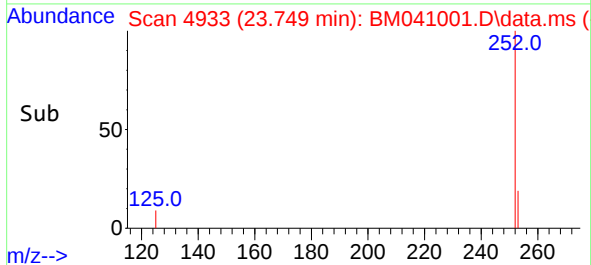
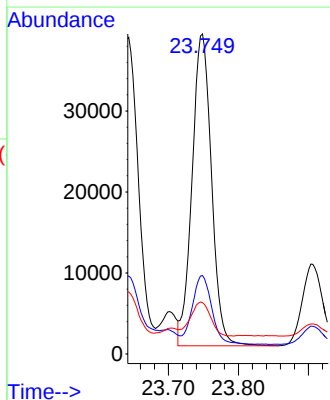
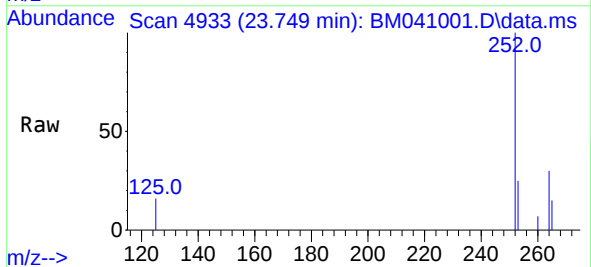
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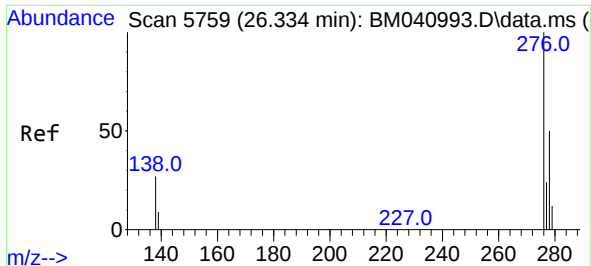
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#26
Benzo(a)pyrene
Concen: 1.195 ng/ul
RT: 23.749 min Scan# 4933
Delta R.T. -0.015 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

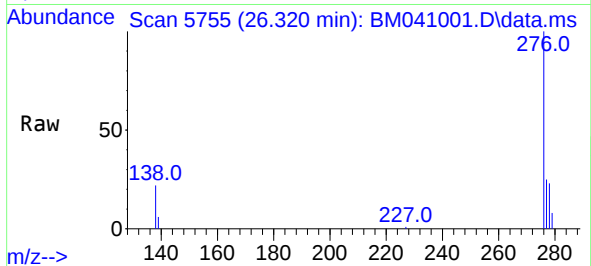
Tgt Ion:252 Resp: 74203
Ion Ratio Lower Upper
252 100
253 24.5 28.2 42.2#
125 16.0 25.2 37.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.873 ng/ul
RT: 26.320 min Scan# 5759
Delta R.T. -0.030 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

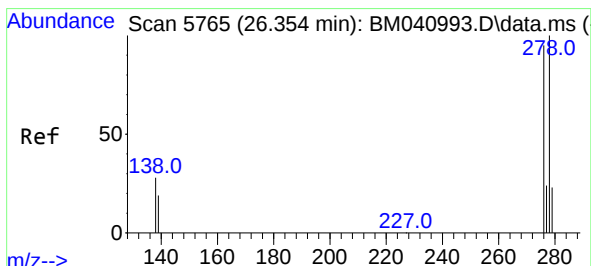
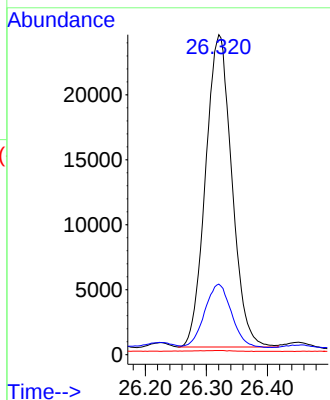
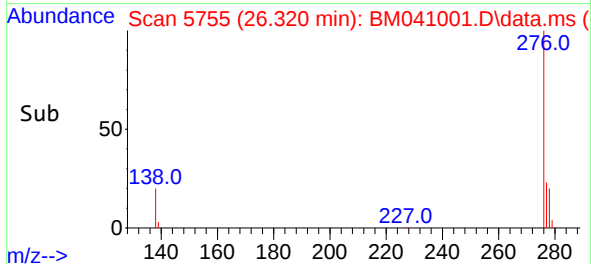
Instrument :
BNA_M
ClientSampleId :
A46T7



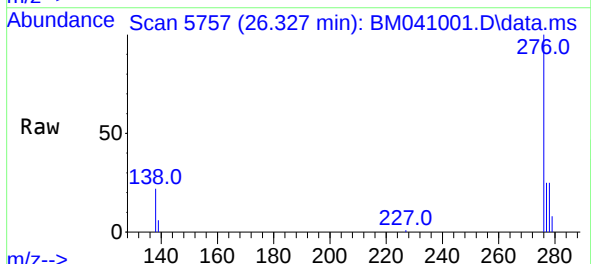
Tgt Ion:276 Resp: 7194
Ion Ratio Lower Upper
276 100
138 20.7 22.3 33.5
227 0.2 0.0 0.0

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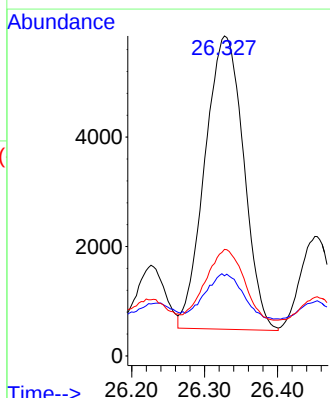
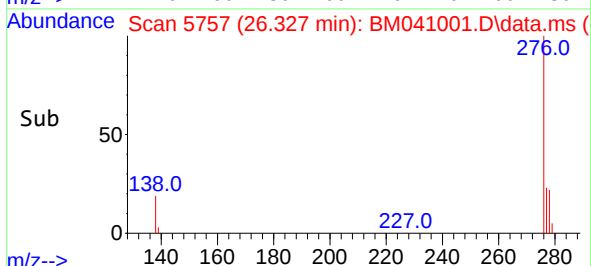
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

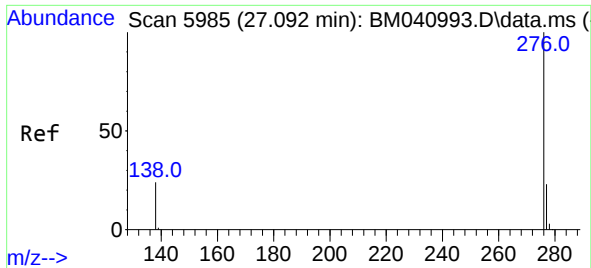


#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.040 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53



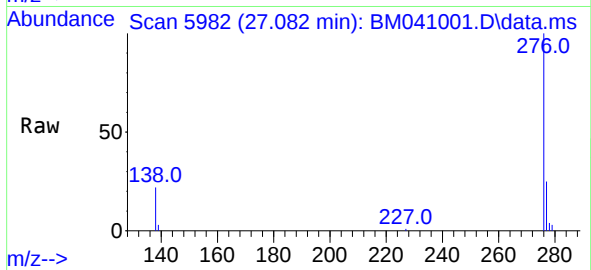
Tgt Ion:278 Resp: 19807
Ion Ratio Lower Upper
278 100
139 25.1 19.2 28.8
279 33.3 27.0 40.6





#29
Benzo(g,h,i)perylene
Concen: 0.948 ng/ul
RT: 27.082 min Scan# 5985
Delta R.T. -0.020 min
Lab File: BM041001.D
Acq: 21 Jul 2023 03:53

Instrument :
BNA_M
ClientSampleId :
A46T7



Tgt Ion:276 Resp: 72190
Ion Ratio Lower Upper
276 100
138 22.2 22.6 34.0
277 24.6 21.2 31.8

Manual Integrations
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Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

