

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041666.D
 Acq On : 06 Sep 2023 19:47
 Operator : MA/JU
 Sample : 04113-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 06 20:38:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	11443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	5285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	10560	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	4881	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	5708	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	21278	2.976	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2468	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	3847	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.873	128	7748	0.206	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	3732	0.175	ng/ul	99
8) 1-Methylnaphthalene	12.698	142	2299	0.107	ng/ul	99
10) Acenaphthylene	14.375	152	2563	0.078	ng/ul#	92
11) Acenaphthene	14.708	153	695	0.027	ng/ul	94
12) Fluorene	15.693	166	674	0.024	ng/ul#	93
15) Phenanthrene	17.438	178	17107	0.384	ng/ul	100
16) Anthracene	17.531	178	4137	0.108	ng/ul#	91
19) Fluoranthene	19.445	202	34310	0.596	ng/ul	99
20) Pyrene	19.812	202	33319m	0.582	ng/ul	
21) Benzo(a)anthracene	21.550	228	17514	0.440	ng/ul	98
22) Chrysene	21.603	228	19871	0.463	ng/ul	96
24) Benzo(b)fluoranthene	23.252	252	31990	0.626	ng/ul	96
25) Benzo(k)fluoranthene	23.298	252	11657m	0.233	ng/ul	
26) Benzo(a)pyrene	23.892	252	21411	0.516	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.522	276	18341	0.322	ng/ul	90
28) Dibenzo(a,h)anthracene	26.535	278	3849	0.096	ng/ul#	68
29) Benzo(g,h,i)perylene	27.306	276	19061	0.378	ng/ul	99

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

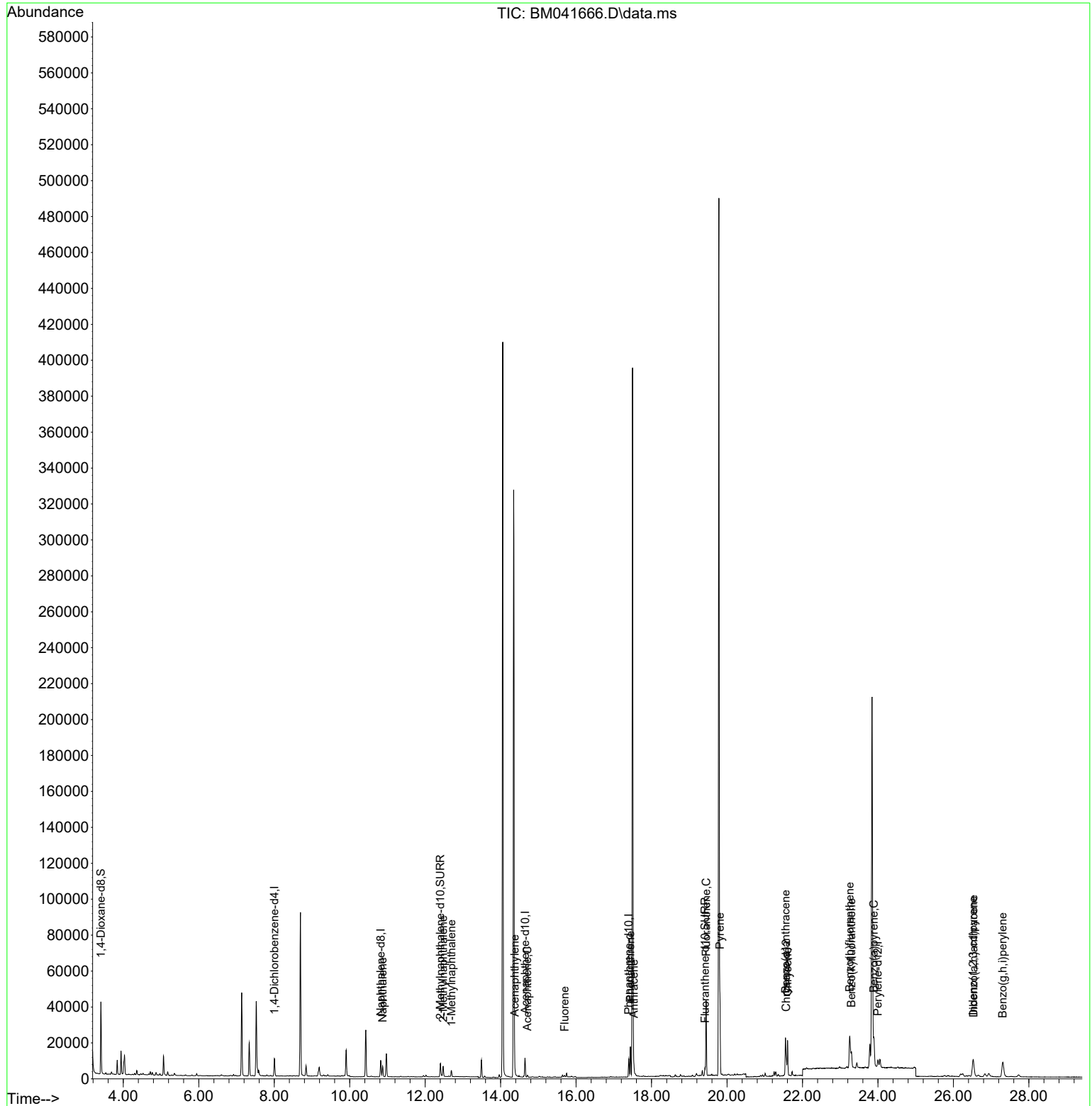
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041666.D
Acq On : 06 Sep 2023 19:47
Operator : MA/JU
Sample : 04113-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

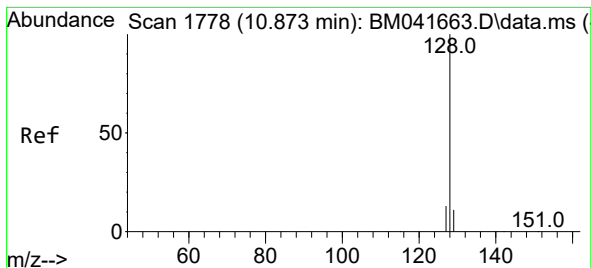
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Supervised By :mohammad ahmed 09/07/2023

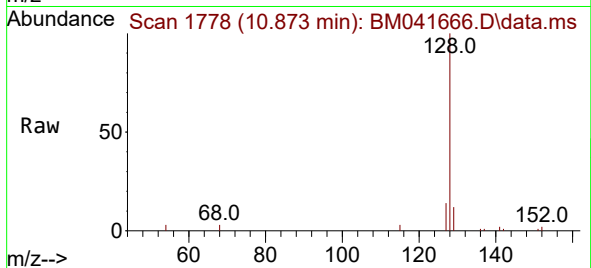
Quant Time: Sep 06 20:38:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.206 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

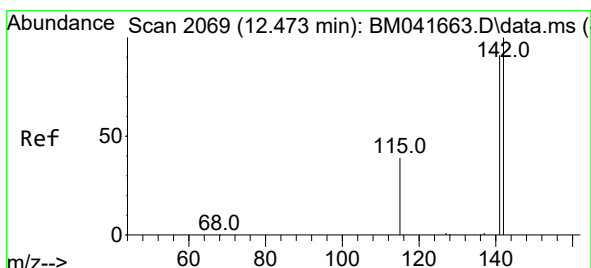
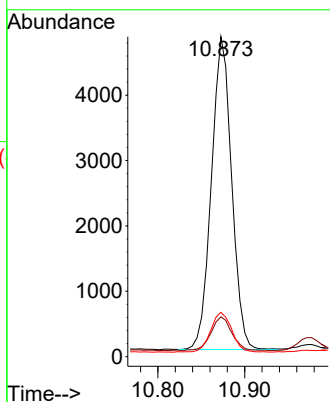
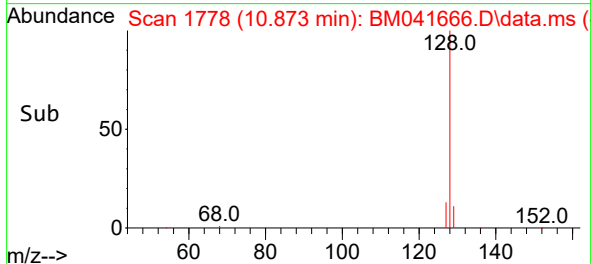
Instrument :
BNA_M
ClientSampleId :
EZYH5



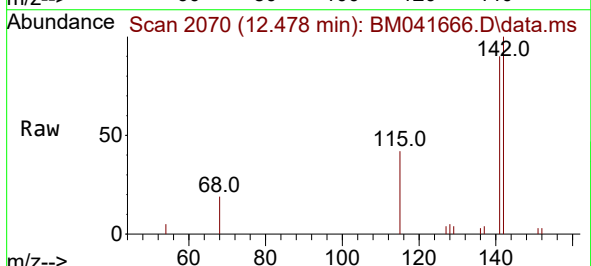
Tgt Ion:128 Resp: 7748
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.9 11.0 16.6

Manual Integrations
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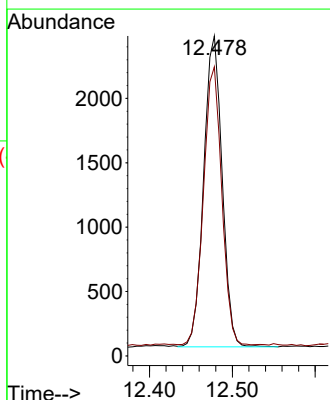
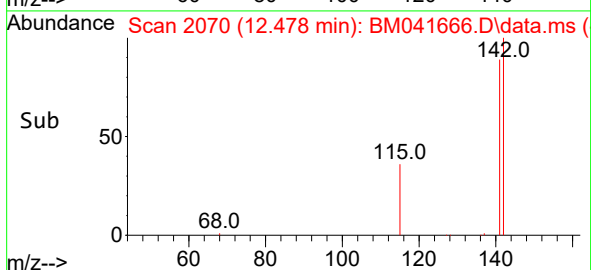
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

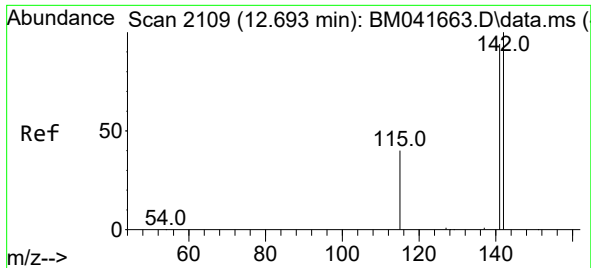


#7
2-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47



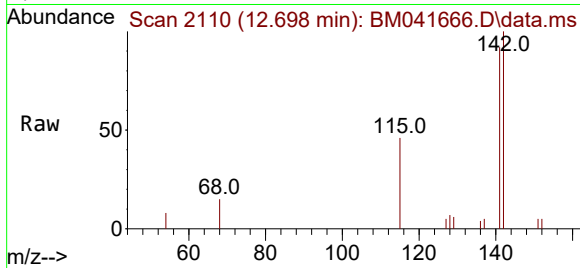
Tgt Ion:142 Resp: 3732
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.698 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

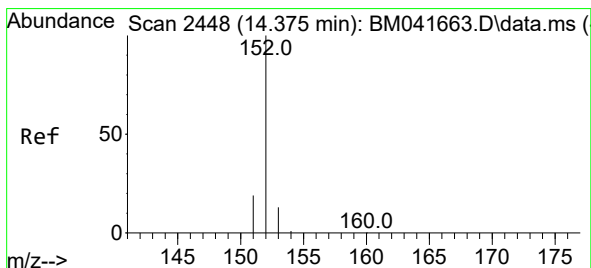
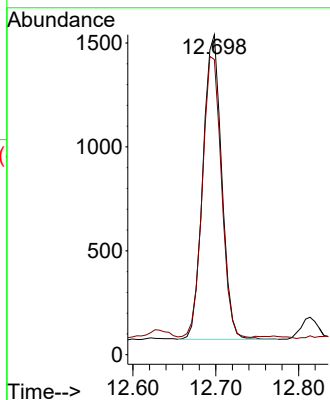
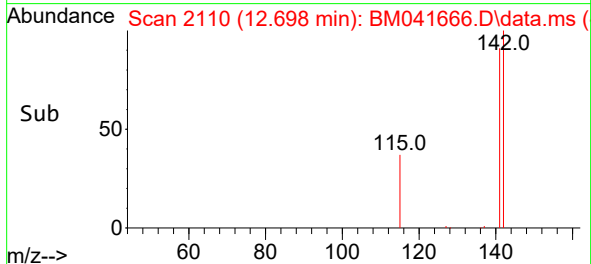
Instrument :
BNA_M
ClientSampleId :
EZYH5



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Ion Ratio Lower Upper
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141 93.6 74.4 111.6

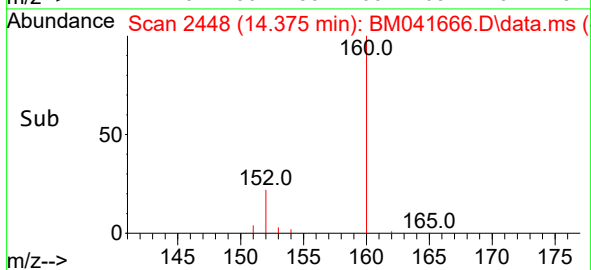
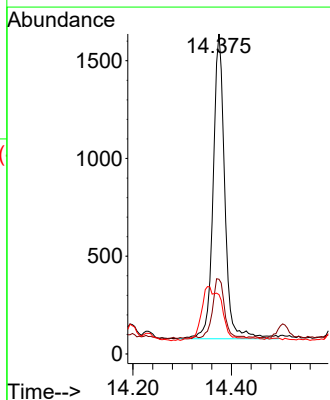
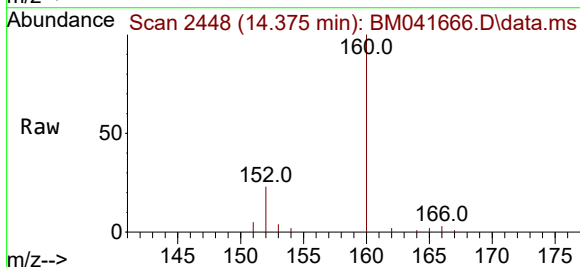
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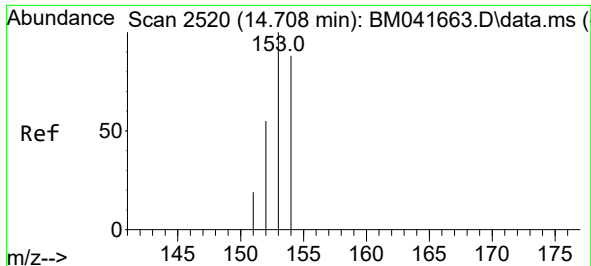
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

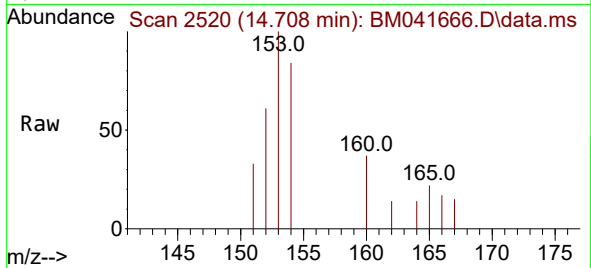
Tgt Ion:152 Resp: 2563
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 18.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

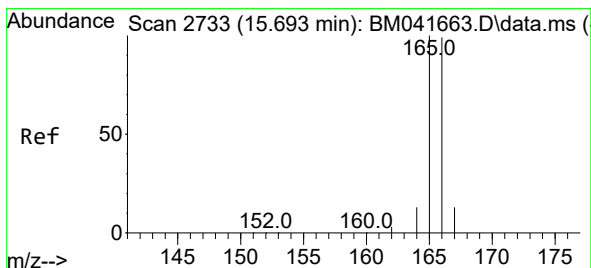
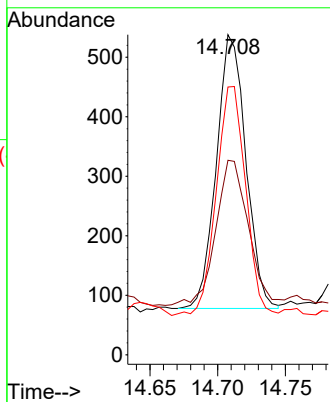
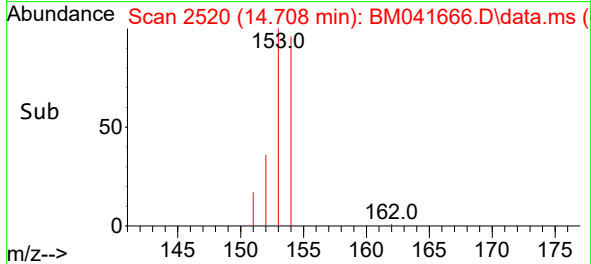
Instrument :
BNA_M
ClientSampleId :
EZYH5



Tgt Ion:153 Resp: 699
Ion Ratio Lower Upper
153 100
152 60.8 43.4 65.2
154 83.6 69.4 104.0

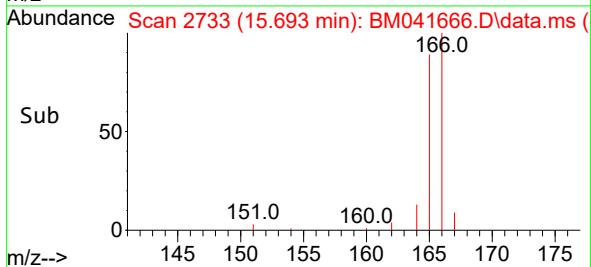
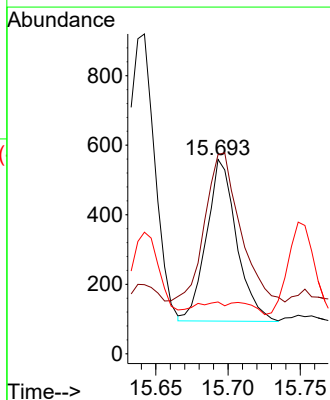
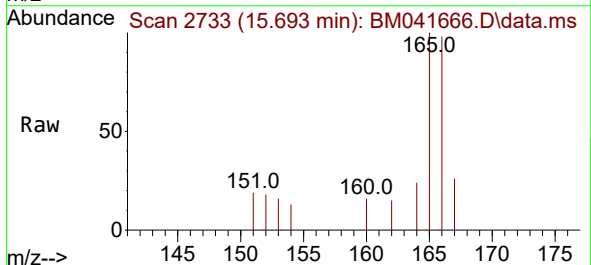
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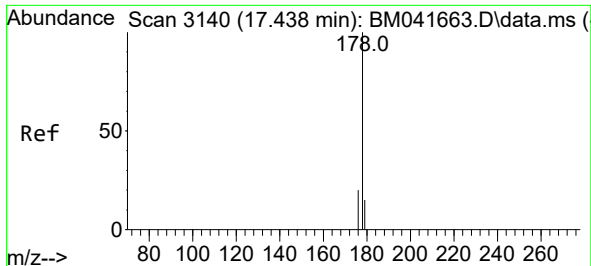
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.693 min Scan# 2733
Delta R.T. -0.005 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

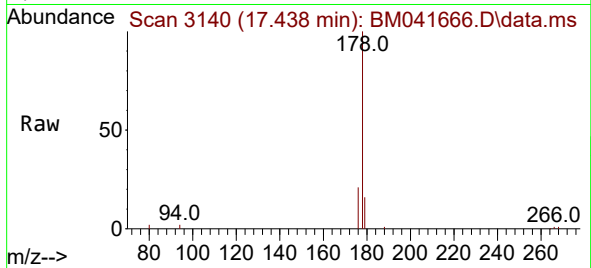
Tgt Ion:166 Resp: 674
Ion Ratio Lower Upper
166 100
165 102.5 79.4 119.2
167 26.7 11.3 16.9#





#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

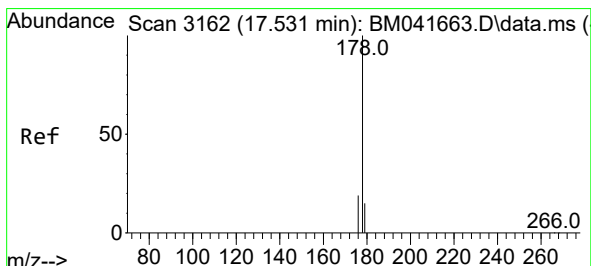
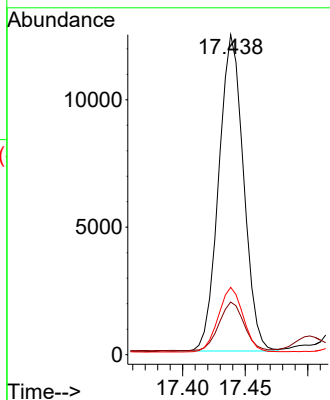
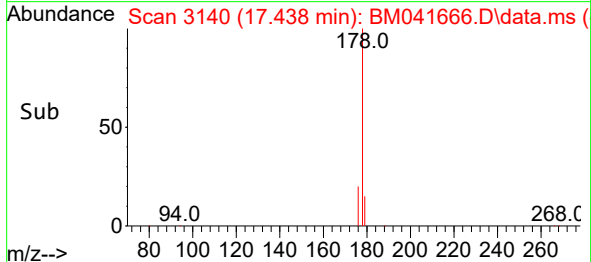
Instrument :
BNA_M
ClientSampleId :
EZYH5



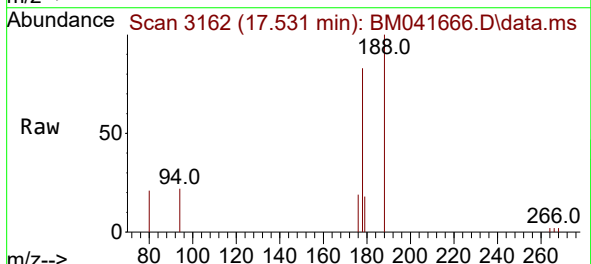
Tgt Ion:178 Resp: 1710
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 21.0 16.9 25.3

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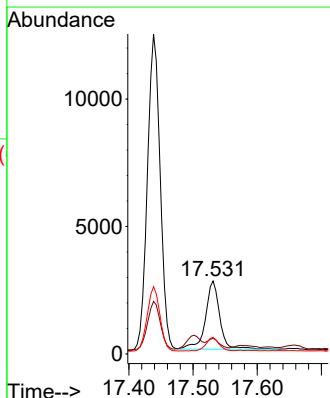
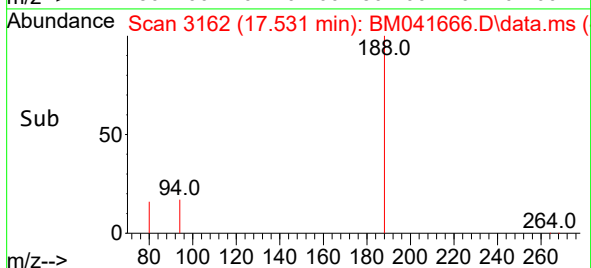
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

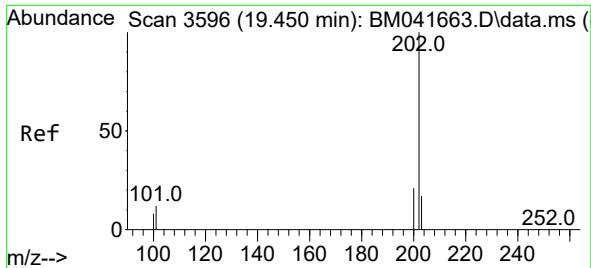


#16
Anthracene
Concen: 0.108 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47



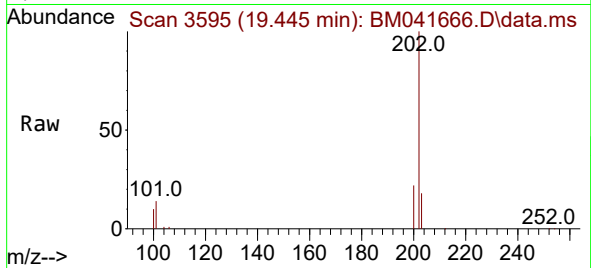
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Ion Ratio Lower Upper
178 100
179 21.2 12.9 19.3#
176 22.5 15.8 23.8





#19
Fluoranthene
Concen: 0.596 ng/ul
RT: 19.445 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

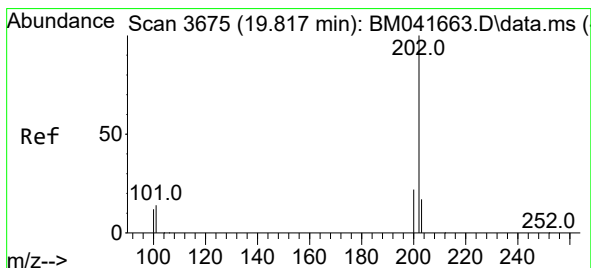
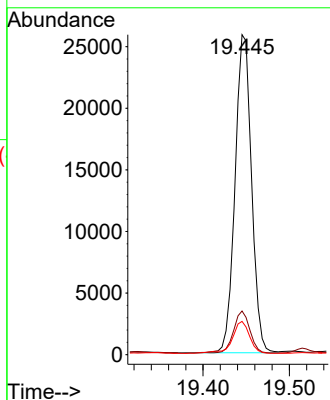
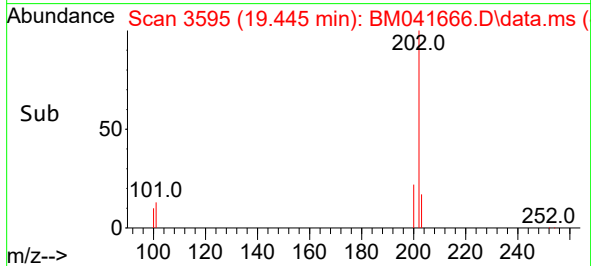
Instrument :
BNA_M
ClientSampleId :
EZYH5



Tgt Ion:202 Resp: 34310
Ion Ratio Lower Upper
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101 13.7 10.5 15.7
100 10.4 8.4 12.6

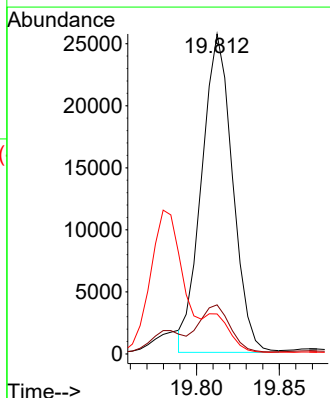
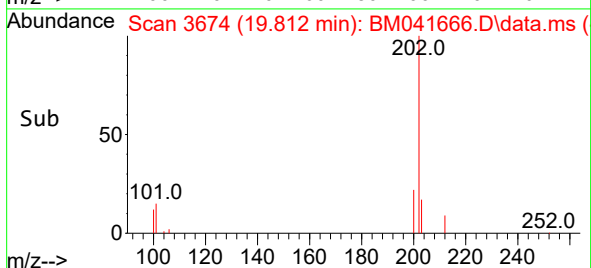
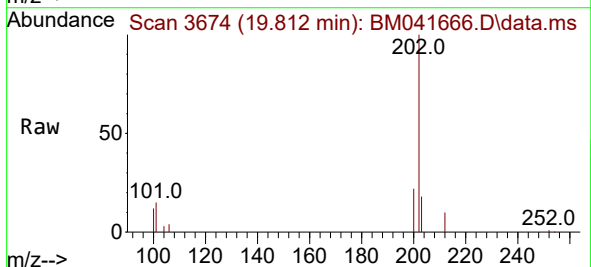
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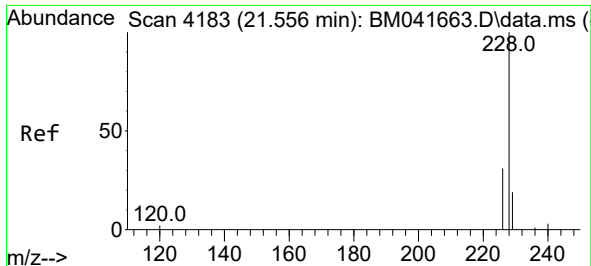
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#20
Pyrene
Concen: 0.582 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

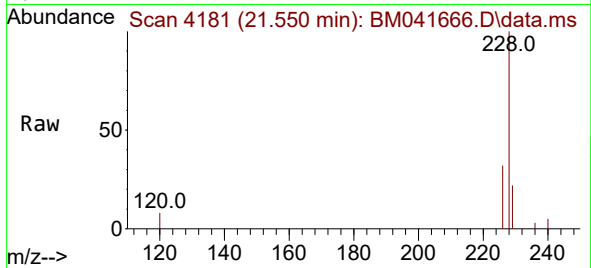
Tgt Ion:202 Resp: 33319
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.550 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

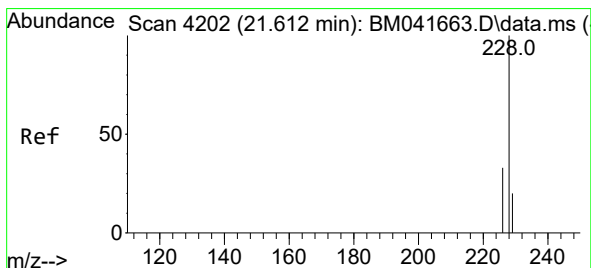
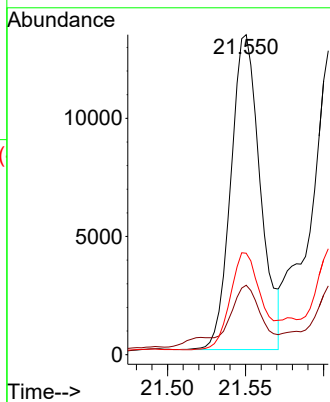
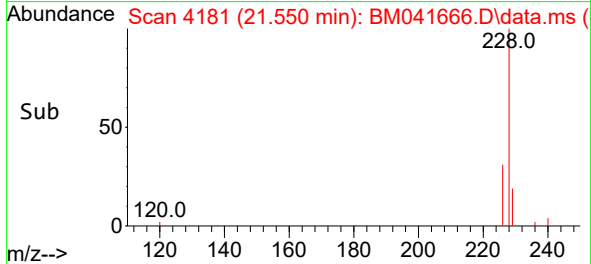
Instrument :
BNA_M
ClientSampleId :
EZYH5



Tgt Ion:228 Resp: 17514
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 31.7 24.8 37.2

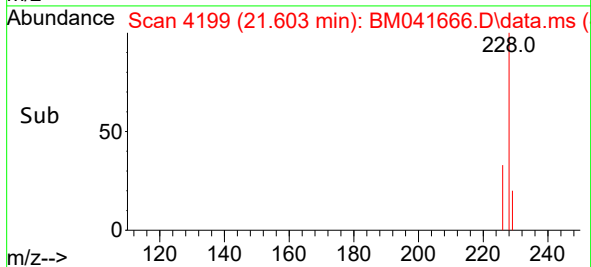
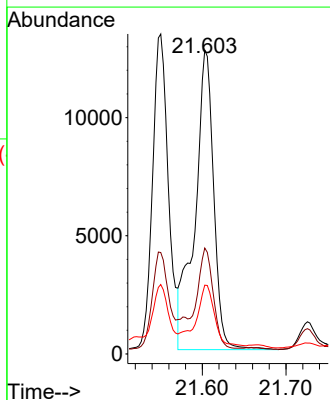
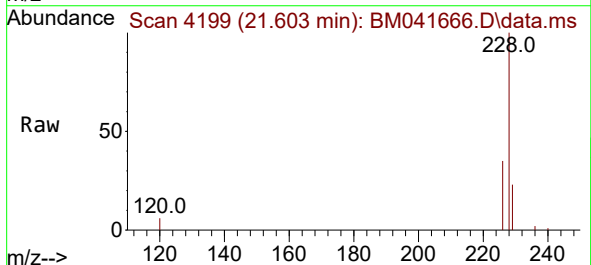
Manual Integrations
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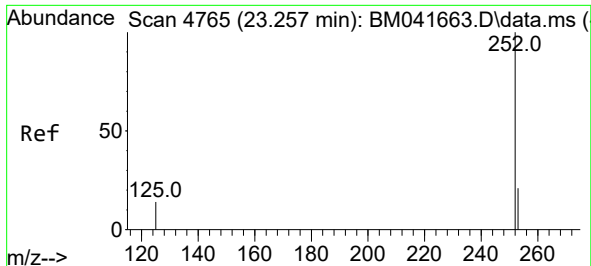
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#22
Chrysene
Concen: 0.463 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

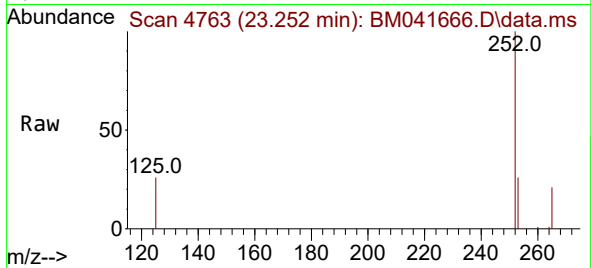
Tgt Ion:228 Resp: 19871
Ion Ratio Lower Upper
228 100
226 34.8 27.0 40.6
229 22.6 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.626 ng/ul
RT: 23.252 min Scan# 4763
Delta R.T. -0.000 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

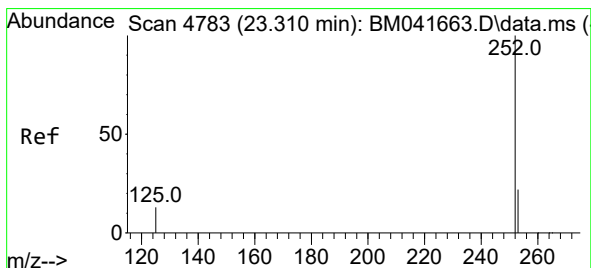
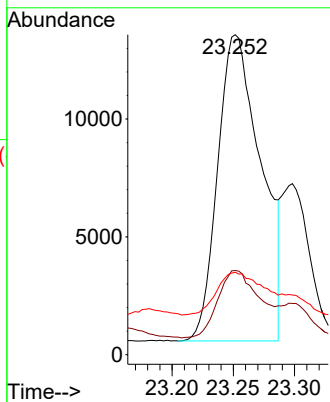
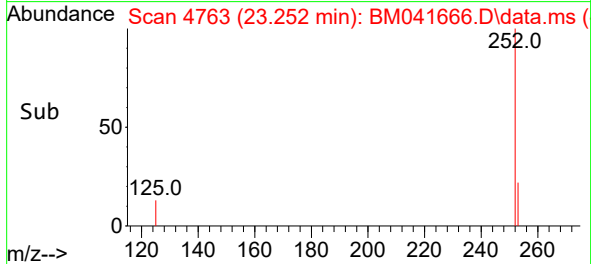
Instrument :
BNA_M
ClientSampleId :
EZYH5



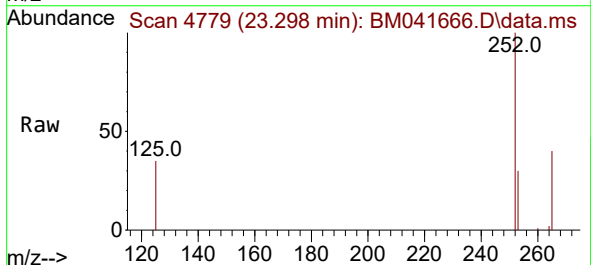
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Ion Ratio Lower Upper
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253 26.3 0.0 52.4
125 25.8 0.0 42.8

Manual Integrations
APPROVED

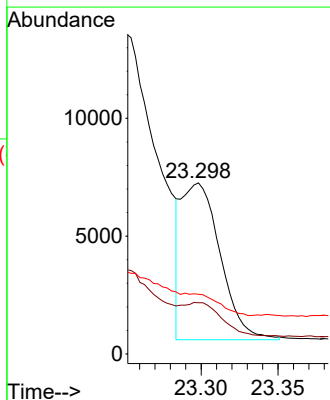
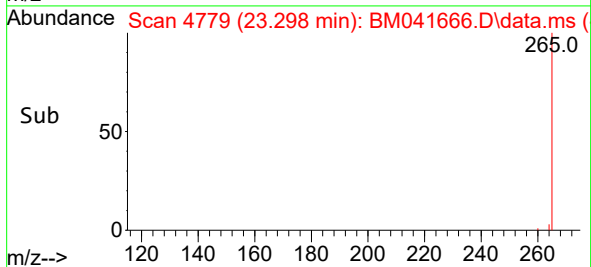
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

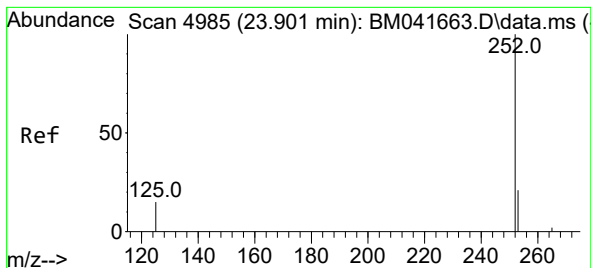


#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul m
RT: 23.298 min Scan# 4779
Delta R.T. -0.006 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47



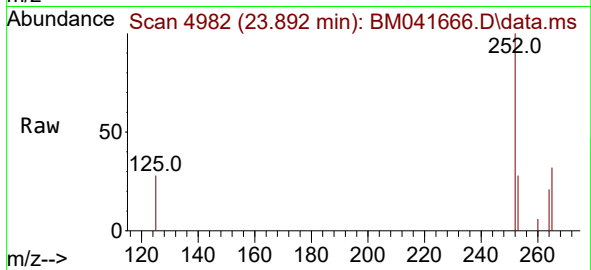
Tgt Ion:252 Resp: 11657
Ion Ratio Lower Upper
252 100
253 30.0 21.3 31.9
125 34.9 17.4 26.0





#26
Benzo(a)pyrene
Concen: 0.516 ng/ul
RT: 23.892 min Scan# 4982
Delta R.T. -0.006 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

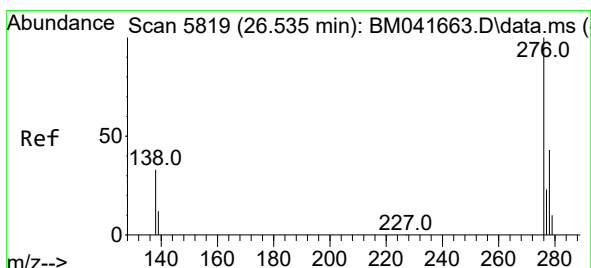
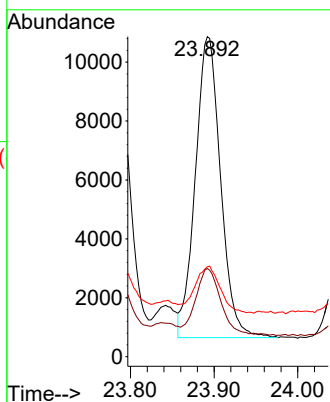
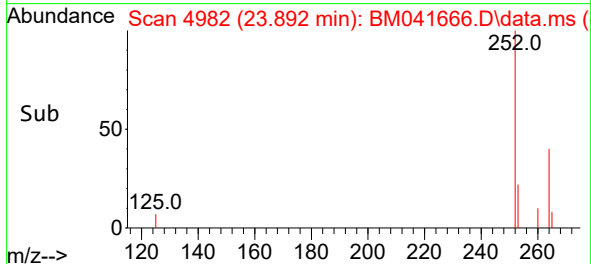
Instrument :
BNA_M
ClientSampleId :
EZYH5



Tgt Ion:252 Resp: 2141
Ion Ratio Lower Upper
252 100
253 27.6 22.4 33.6
125 28.1 21.0 31.4

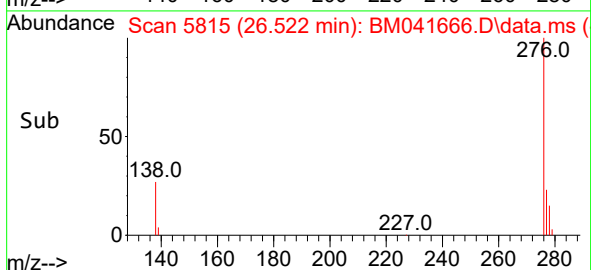
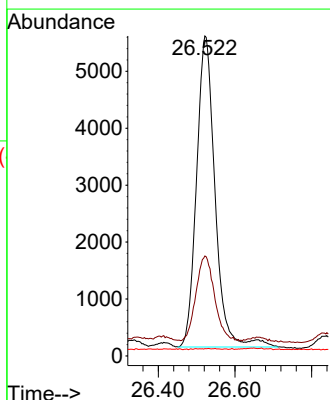
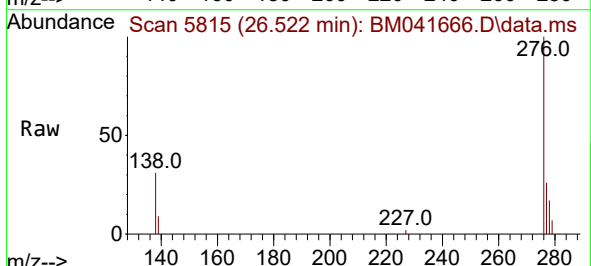
Manual Integrations
APPROVED

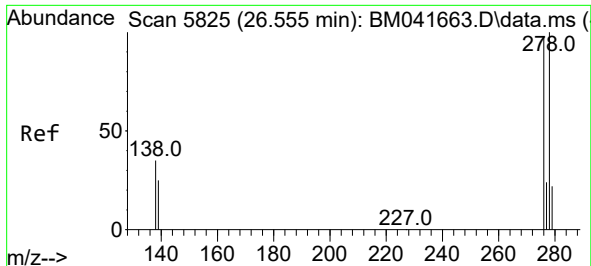
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

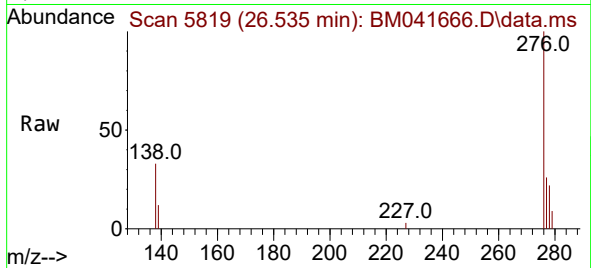
Tgt Ion:276 Resp: 18341
Ion Ratio Lower Upper
276 100
138 27.5 26.4 39.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.535 min Scan# 5819
Delta R.T. -0.017 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47

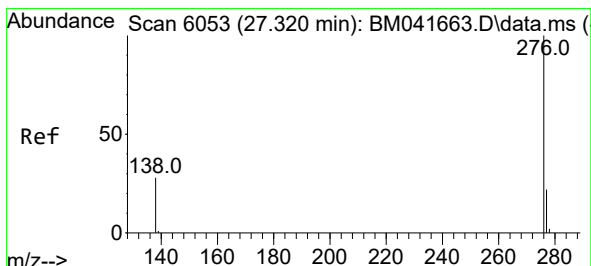
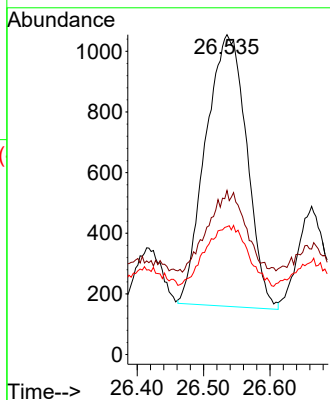
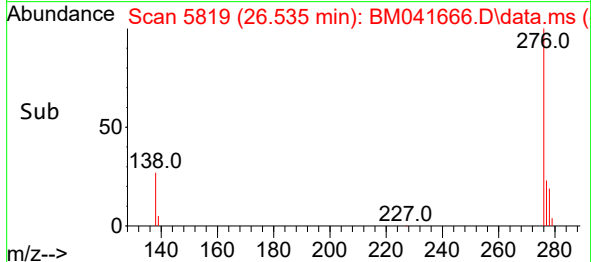
Instrument :
BNA_M
ClientSampleId :
EZYH5



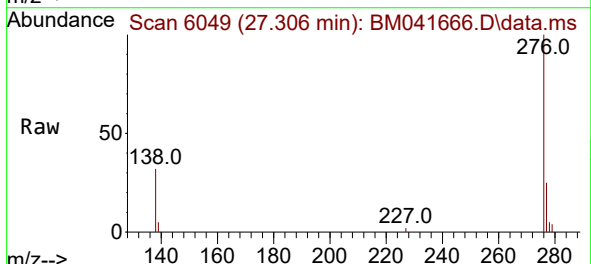
Tgt Ion:278 Resp: 3849
Ion Ratio Lower Upper
278 100
139 51.3 23.0 34.6
279 40.0 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 27.306 min Scan# 6049
Delta R.T. -0.010 min
Lab File: BM041666.D
Acq: 06 Sep 2023 19:47



Tgt Ion:276 Resp: 19061
Ion Ratio Lower Upper
276 100
138 31.9 25.0 37.4
277 24.9 20.2 30.2

