

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041673.D
 Acq On : 07 Sep 2023 00:11
 Operator : MA/JU
 Sample : 04113-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ2

Manual Integrations
 APPROVED

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

Quant Time: Sep 07 02:04:57 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	7505	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	17131	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.652	164	24017	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	15889	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.568	240	9526	0.400	ng/ul	# 0.00
23) Perylene-d12	24.009	264	11160	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	32655	2.847	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	9726	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.403	212	11819	0.256	ng/ul	-0.01
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	12.484	142	102212	3.201	ng/ul	96
8) 1-Methylnaphthalene	12.704	142	1268650	39.537	ng/ul	98
10) Acenaphthylene	14.374	152	105616	0.712	ng/ul#	1
11) Acenaphthene	14.726	153	378158	3.277	ng/ul	87
12) Fluorene	15.711	166	571966	4.419	ng/ul#	94
15) Phenanthrene	17.451	178	1332553	19.862	ng/ul#	94
19) Fluoranthene	19.450	202	128146	1.140	ng/ul#	89
20) Pyrene	19.817	202	334622m	2.996	ng/ul	
21) Benzo(a)anthracene	21.550	228	35268	0.454	ng/ul#	70
22) Chrysene	21.606	228	48280m	0.576	ng/ul	
24) Benzo(b)fluoranthene	23.257	252	56684	0.568	ng/ul#	1
25) Benzo(k)fluoranthene	23.301	252	19247m	0.197	ng/ul	
26) Benzo(a)pyrene	23.900	252	39432	0.486	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.538	276	35909	0.323	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.558	278	8644	0.111	ng/ul#	1
29) Benzo(g,h,i)perylene	27.326	276	35115	0.356	ng/ul#	68

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

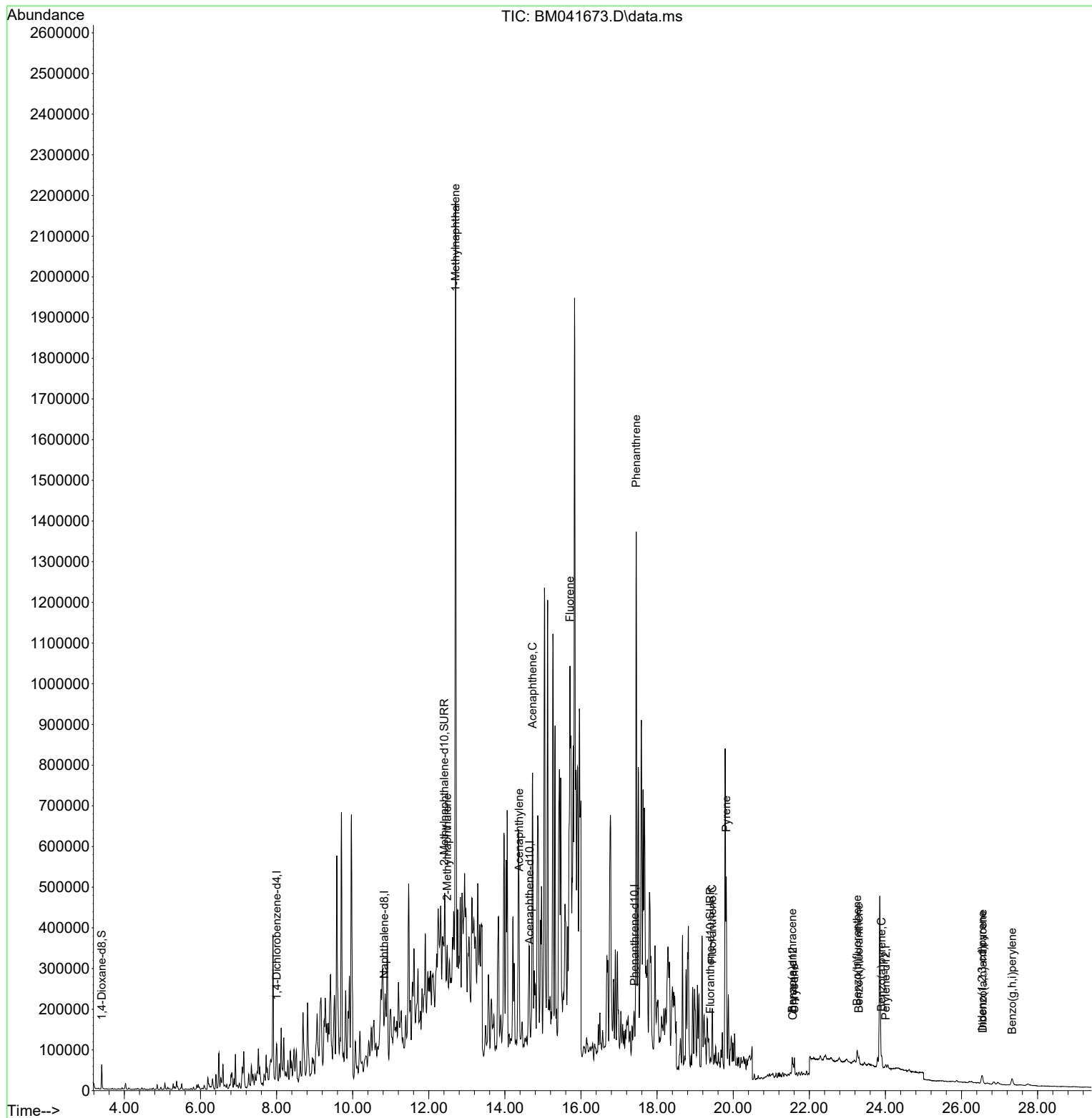
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041673.D
Acq On : 07 Sep 2023 00:11
Operator : MA/JU
Sample : 04113-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

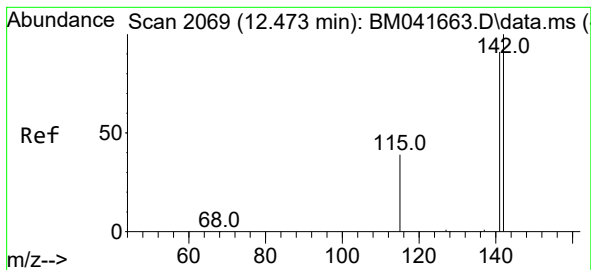
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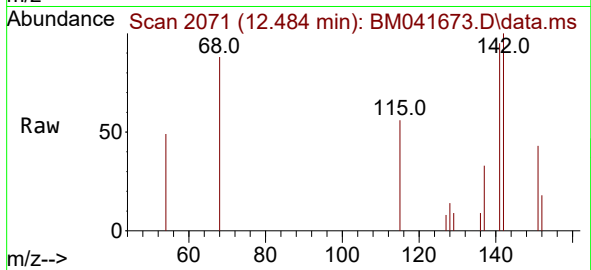
Quant Time: Sep 07 02:04:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 3.201 ng/ul
RT: 12.484 min Scan# 2069
Delta R.T. 0.005 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

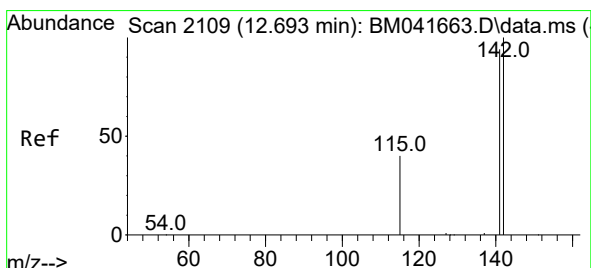
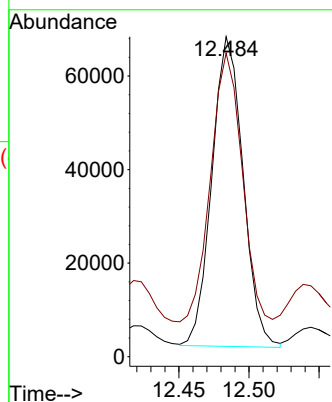
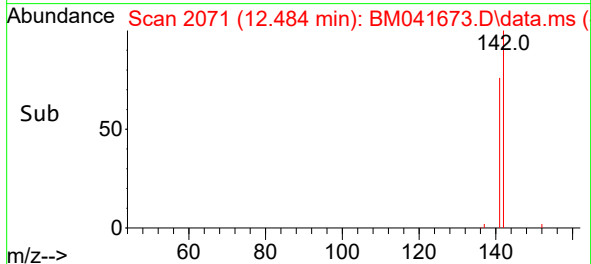
Instrument :
BNA_M
ClientSampleId :
EZYJ2



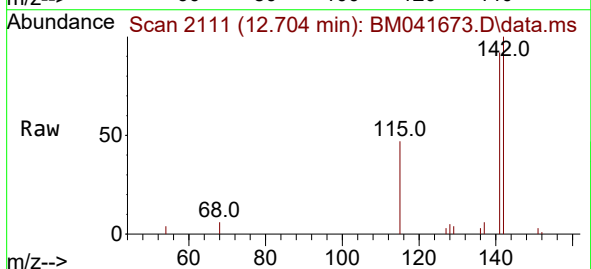
Tgt Ion:142 Resp: 10221
Ion Ratio Lower Upper
142 100
141 86.5 72.2 108.2

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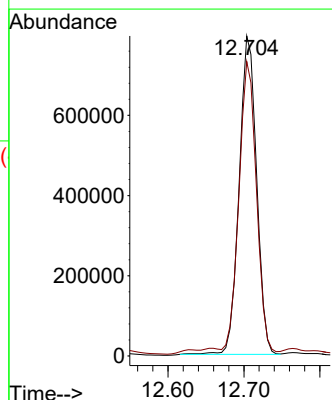
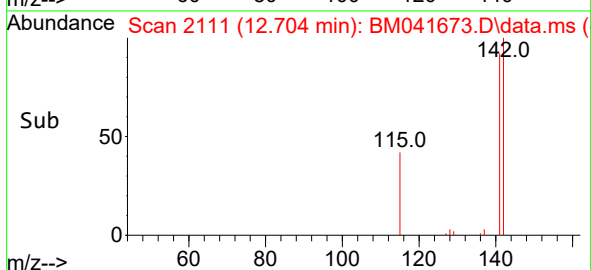
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

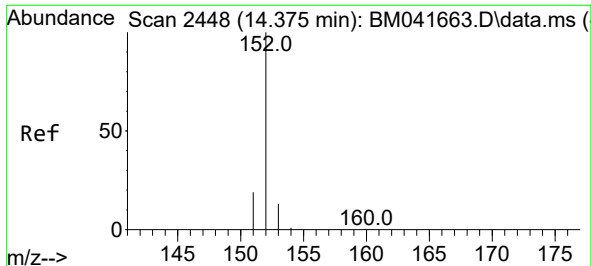


#8
1-Methylnaphthalene
Concen: 39.537 ng/ul
RT: 12.704 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11



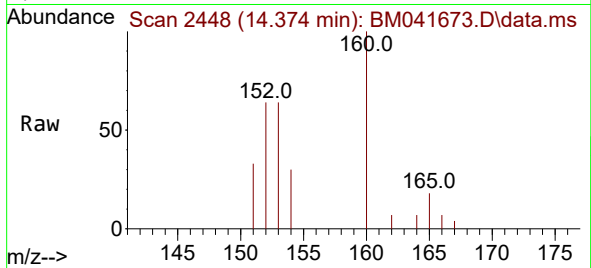
Tgt Ion:142 Resp: 1268650
Ion Ratio Lower Upper
142 100
141 90.6 74.4 111.6





#10
Acenaphthylene
Concen: 0.712 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

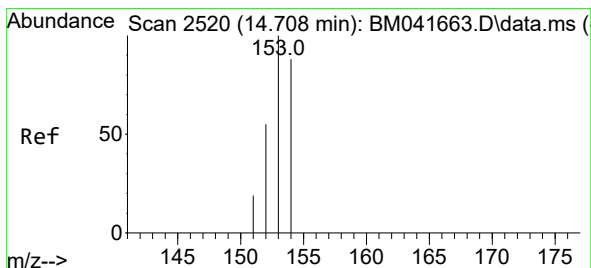
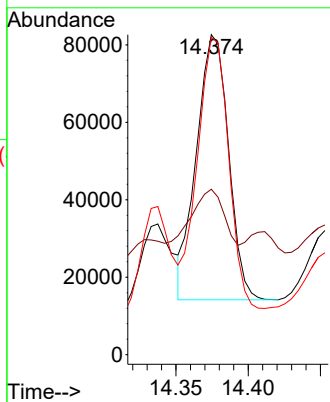
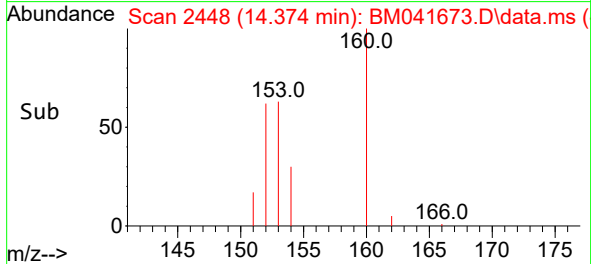
Instrument :
BNA_M
ClientSampleId :
EZYJ2



Tgt Ion:152 Resp: 105610
Ion Ratio Lower Upper
152 100
151 51.7 16.4 24.6
153 99.2 11.1 16.7

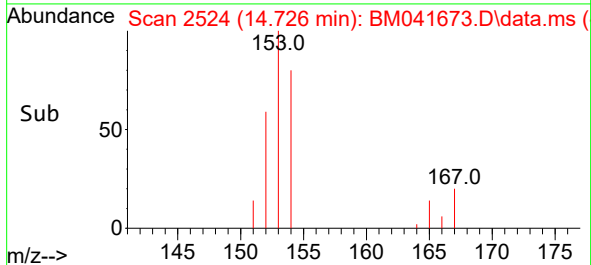
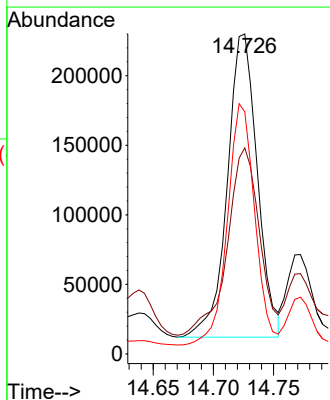
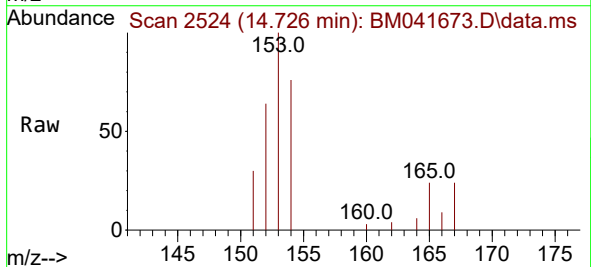
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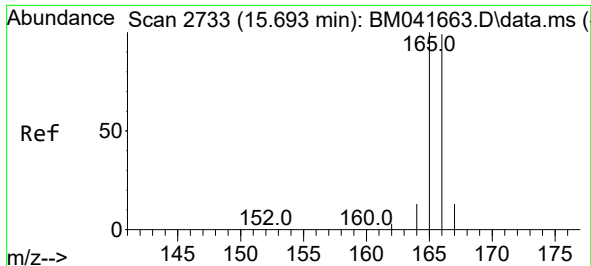
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#11
Acenaphthene
Concen: 3.277 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. 0.014 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

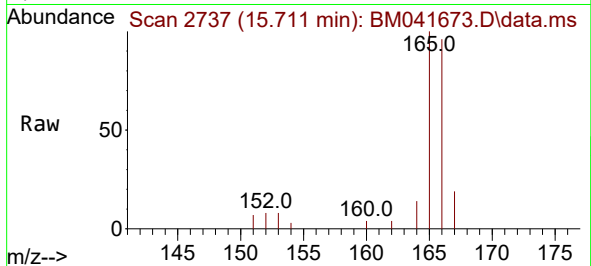
Tgt Ion:153 Resp: 378158
Ion Ratio Lower Upper
153 100
152 64.4 43.4 65.2
154 75.7 69.4 104.0





#12
Fluorene
Concen: 4.419 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

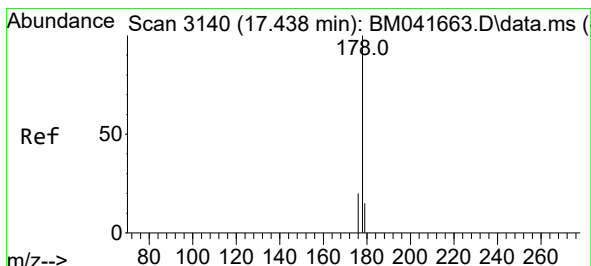
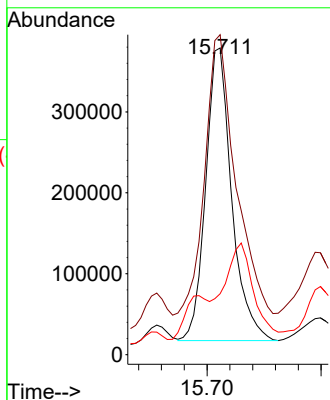
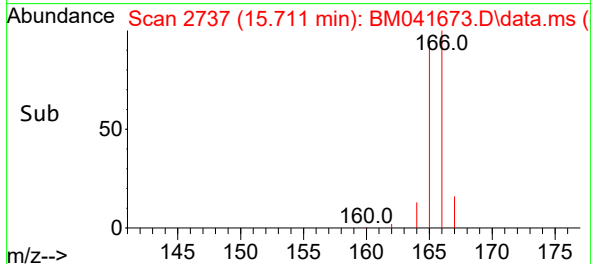
Instrument :
BNA_M
ClientSampleId :
EZYJ2



Tgt Ion:166 Resp: 571960
Ion Ratio Lower Upper
166 100
165 104.3 79.4 119.2
167 19.9 11.3 16.9

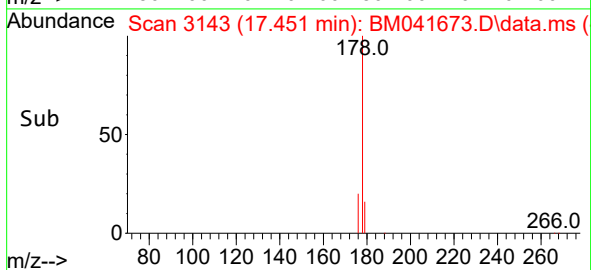
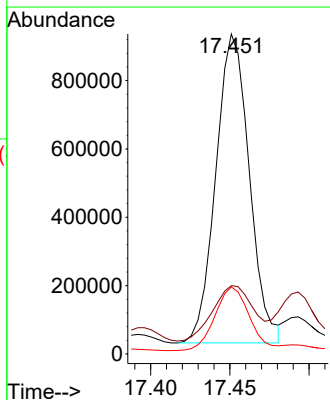
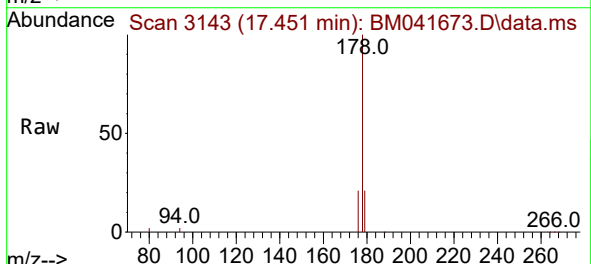
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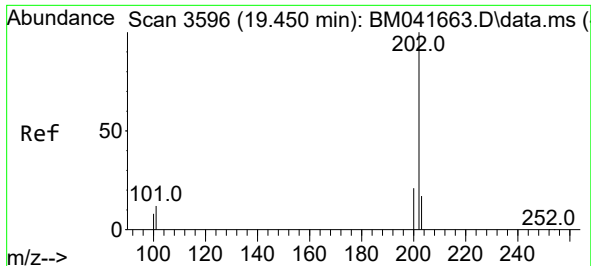
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#15
Phenanthrene
Concen: 19.862 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. 0.008 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

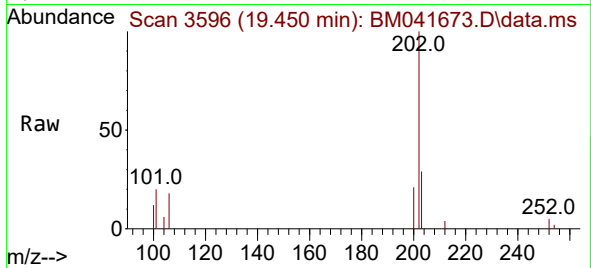
Tgt Ion:178 Resp: 1332553
Ion Ratio Lower Upper
178 100
179 21.4 12.9 19.3#
176 21.0 16.9 25.3





#19
Fluoranthene
Concen: 1.140 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

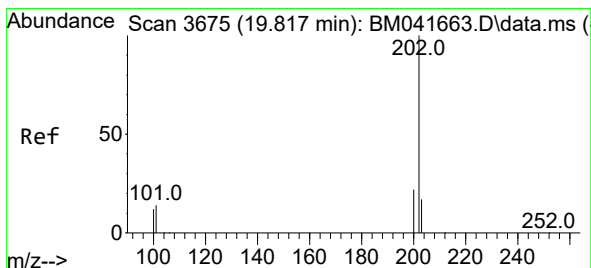
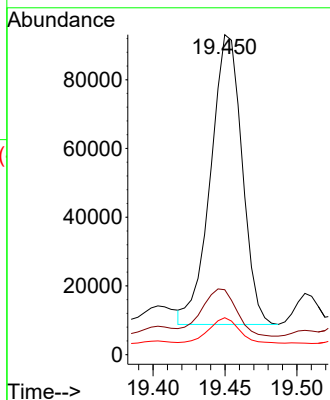
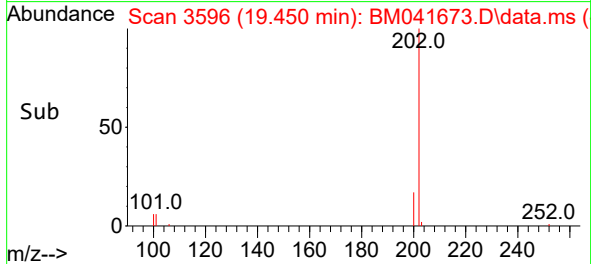
Instrument :
BNA_M
ClientSampleId :
EZYJ2



Tgt Ion:202 Resp: 128140
Ion Ratio Lower Upper
202 100
101 20.3 10.5 15.7
100 11.5 8.4 12.6

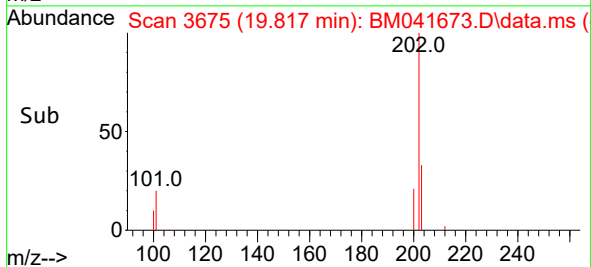
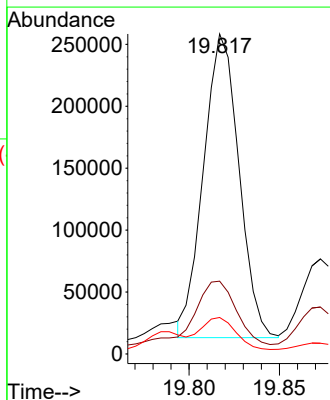
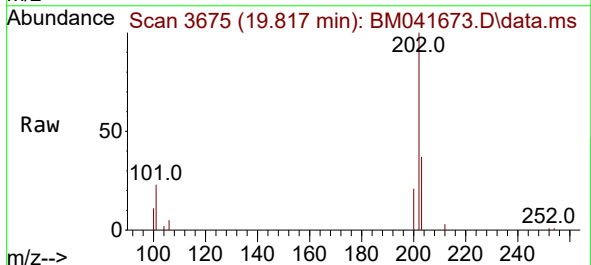
Manual Integrations
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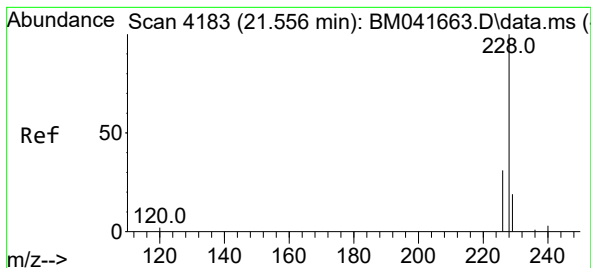
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#20
Pyrene
Concen: 2.996 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

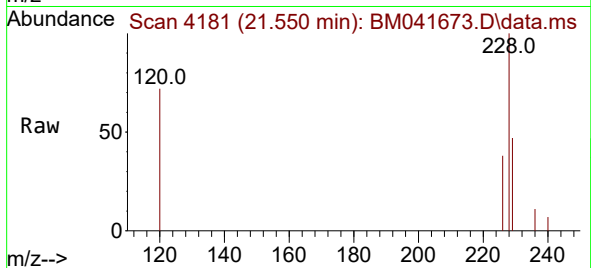
Tgt Ion:202 Resp: 334622
Ion Ratio Lower Upper
202 100
101 22.7 11.8 17.8
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

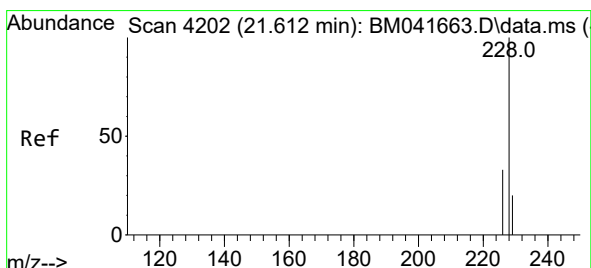
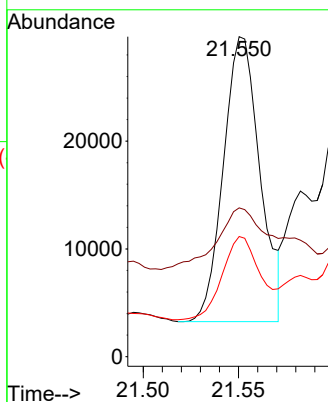
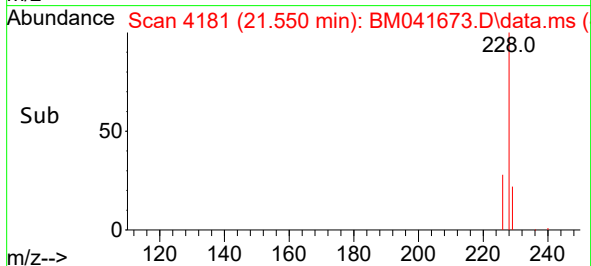
Instrument :
BNA_M
ClientSampleId :
EZYJ2



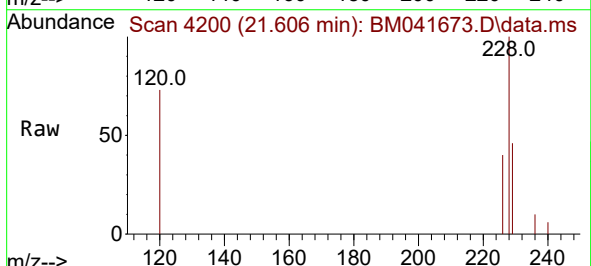
Tgt Ion:228 Resp: 35268
Ion Ratio Lower Upper
228 100
229 46.5 15.8 23.6
226 37.5 24.8 37.2

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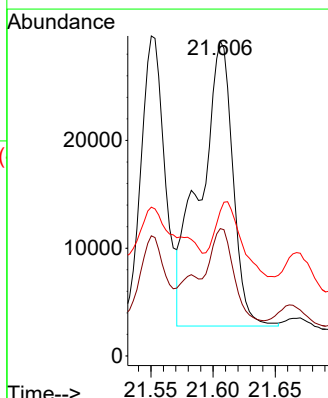
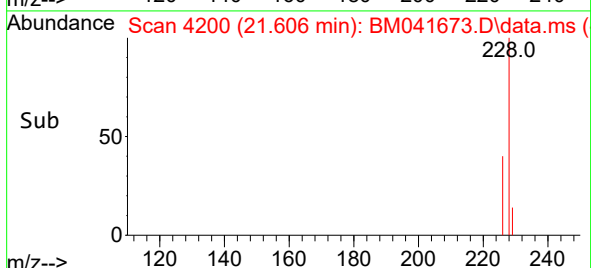
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

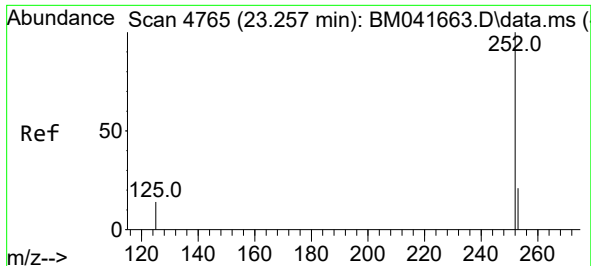


#22
Chrysene
Concen: 0.576 ng/ul m
RT: 21.606 min Scan# 4200
Delta R.T. -0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11



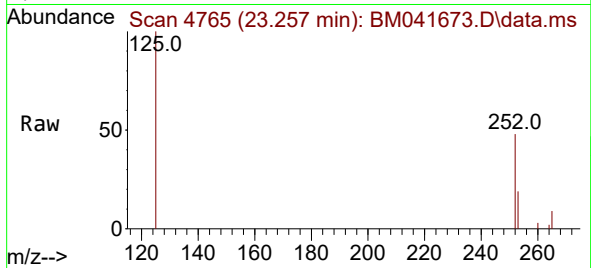
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Ion Ratio Lower Upper
228 100
226 40.5 27.0 40.6
229 46.1 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.568 ng/ul
RT: 23.257 min Scan# 4765
Delta R.T. 0.006 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

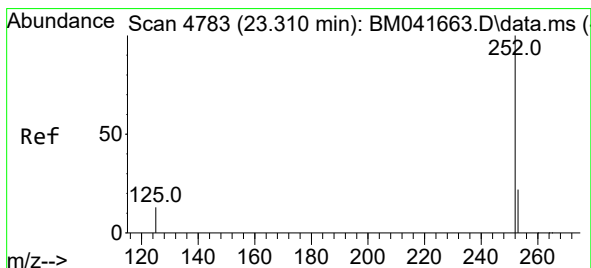
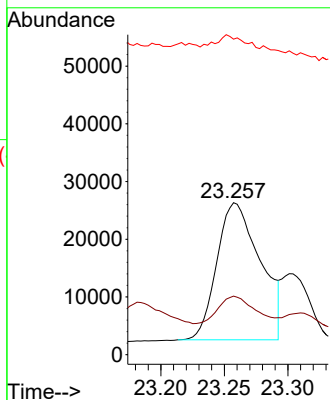
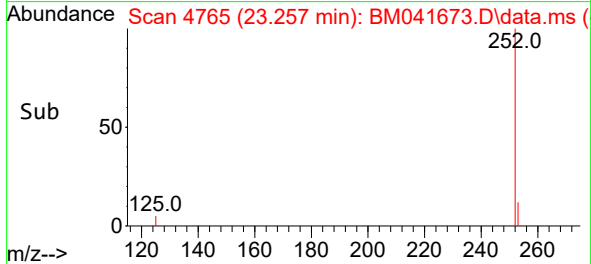
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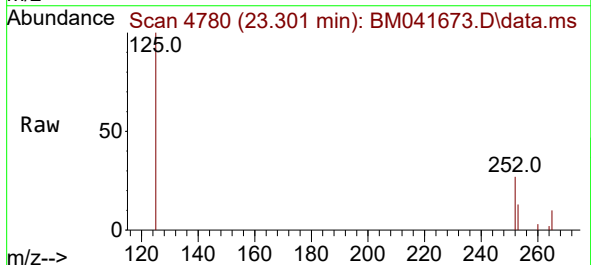
Tgt Ion:252 Resp: 56684
Ion Ratio Lower Upper
252 100
253 38.5 0.0 52.4
125 207.4 0.0 42.8

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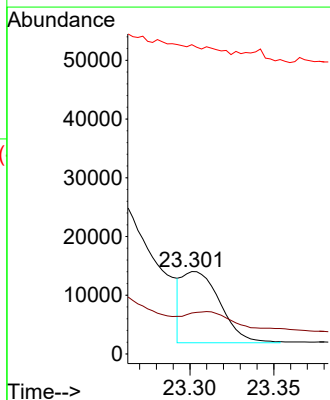
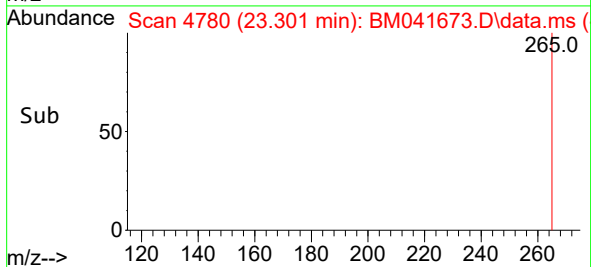
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

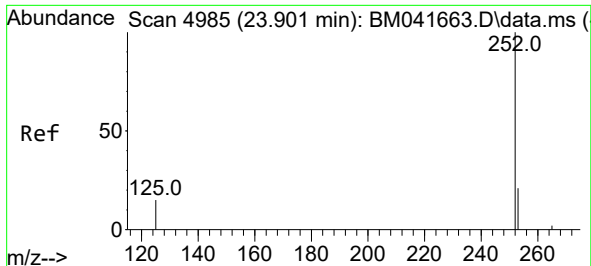


#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.301 min Scan# 4780
Delta R.T. -0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11



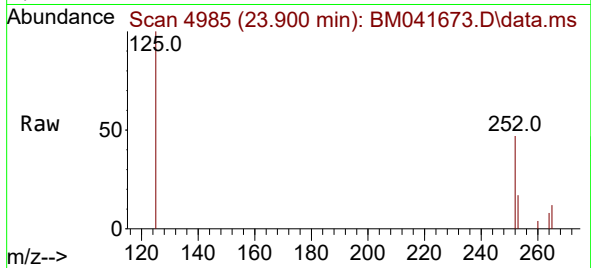
Tgt Ion:252 Resp: 19247
Ion Ratio Lower Upper
252 100
253 49.7 21.3 31.9#
125 375.6 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.486 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. 0.003 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

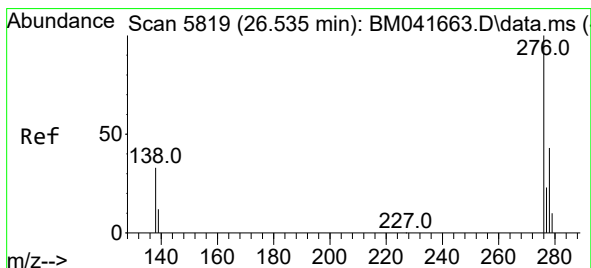
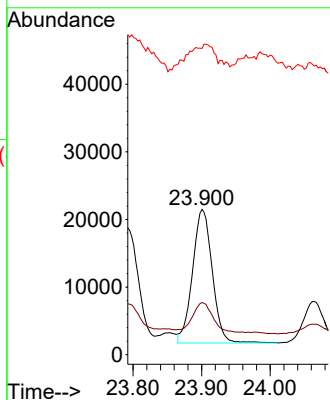
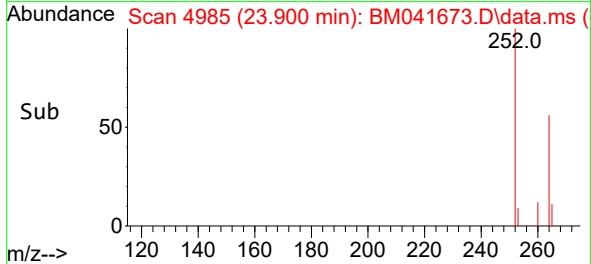
Instrument :
BNA_M
ClientSampleId :
EZYJ2



Tgt Ion:252 Resp: 39432
Ion Ratio Lower Upper
252 100
253 35.9 22.4 33.6
125 210.8 21.0 31.4

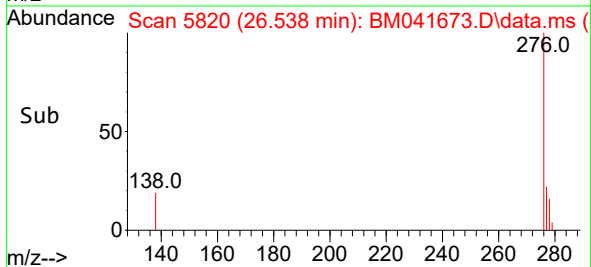
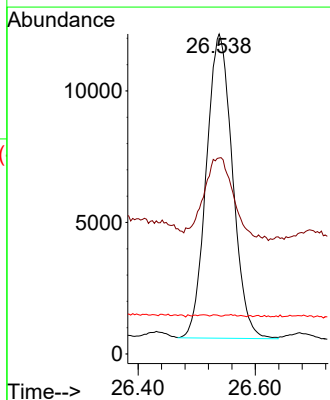
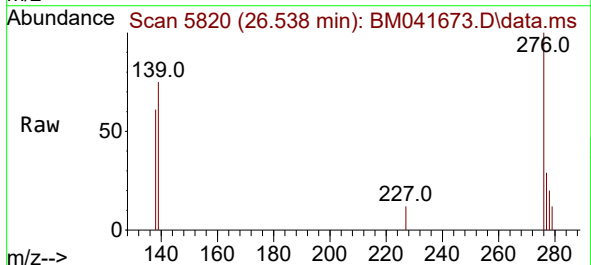
Manual Integrations
APPROVED

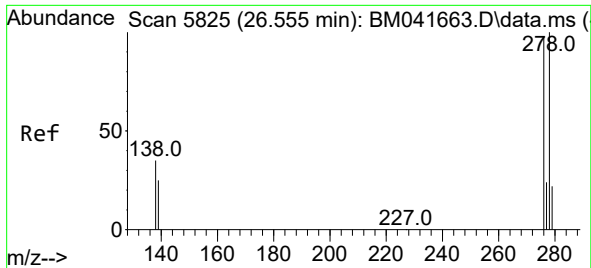
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. 0.007 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

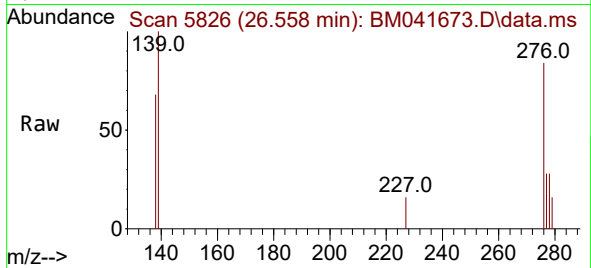
Tgt Ion:276 Resp: 35909
Ion Ratio Lower Upper
276 100
138 30.7 26.4 39.6
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.007 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11

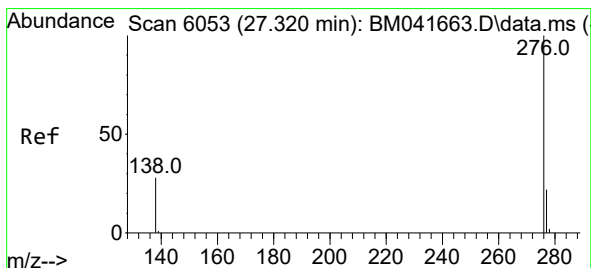
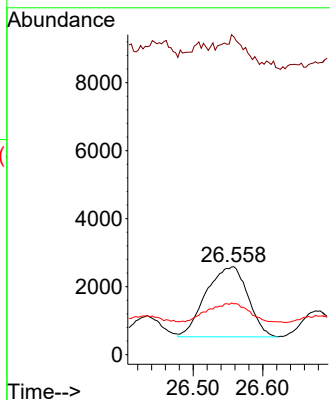
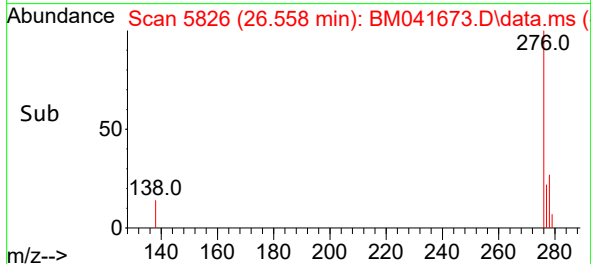
Instrument :
BNA_M
ClientSampleId :
EZYJ2



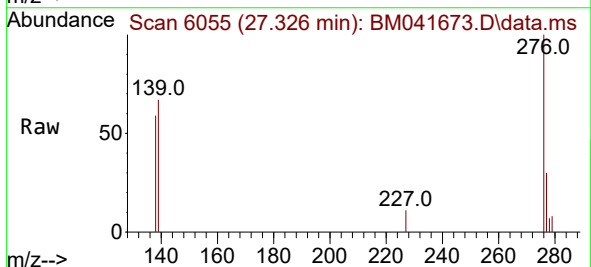
Tgt Ion:278 Resp: 8644
Ion Ratio Lower Upper
278 100
139 361.5 23.0 34.6
279 57.9 22.9 34.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.326 min Scan# 6055
Delta R.T. 0.010 min
Lab File: BM041673.D
Acq: 07 Sep 2023 00:11



Tgt Ion:276 Resp: 35115
Ion Ratio Lower Upper
276 100
138 59.1 25.0 37.4
277 29.6 20.2 30.2

