

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038113.D
 Acq On : 19 Dec 2022 21:36
 Operator : CG/JU
 Sample : N5925-17DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 23:24:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18662	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	20064	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	13741	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	13190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5871	0.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1458	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2644	0.053	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.917	128	7064	0.125	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	1283	0.037	ng/ul	100
10) Acenaphthylene	14.398	152	7403	0.139	ng/ul	97
11) Acenaphthene	14.740	153	1075	0.027	ng/ul	96
12) Fluorene	15.721	166	1326	0.030	ng/ul#	95
15) Phenanthrene	17.455	178	31757	0.470	ng/ul	100
16) Anthracene	17.544	178	6996	0.112	ng/ul	95
19) Fluoranthene	19.459	202	88963	1.253	ng/ul	95
20) Pyrene	19.822	202	65224m	0.900	ng/ul	
21) Benzo(a)anthracene	21.559	228	37403	0.630	ng/ul	99
22) Chrysene	21.615	228	37237	0.622	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	50203	0.803	ng/ul	95
25) Benzo(k)fluoranthene	23.325	252	18455m	0.306	ng/ul	
26) Benzo(a)pyrene	23.918	252	28381	0.539	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.589	276	22820	0.345	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.596	278	5713	0.111	ng/ul#	77
29) Benzo(g,h,i)perylene	27.384	276	15691	0.279	ng/ul	96

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

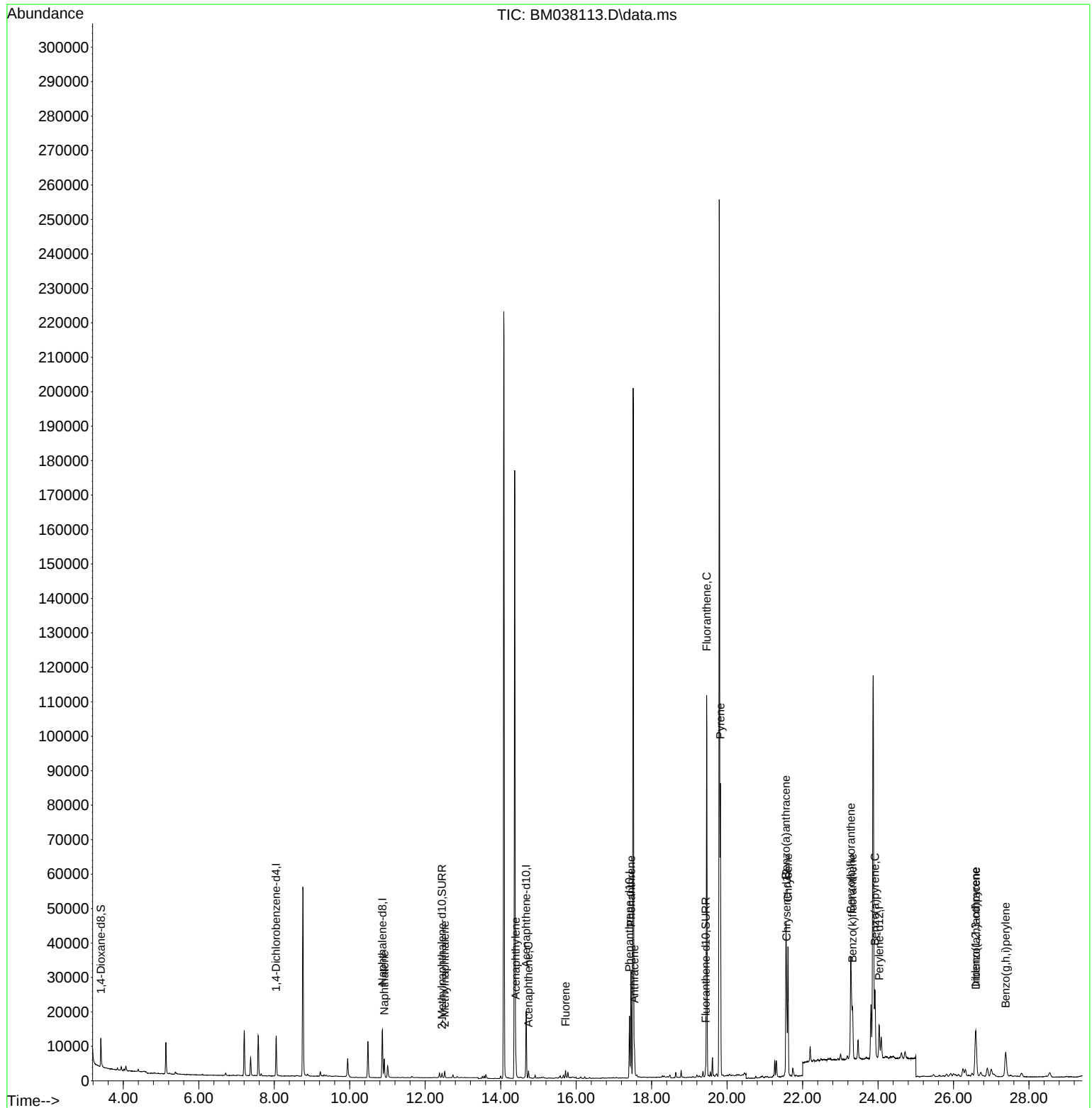
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Data File : BM038113.D
Acq On : 19 Dec 2022 21:36
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

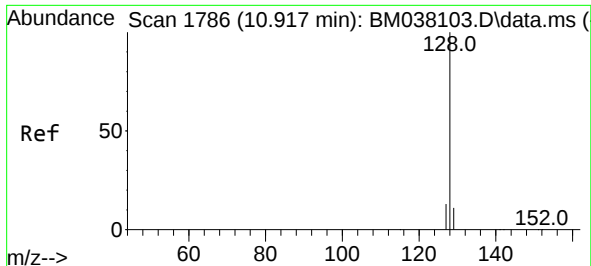
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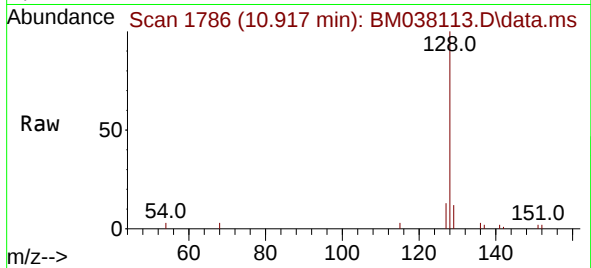
Quant Time: Dec 19 23:24:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
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#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

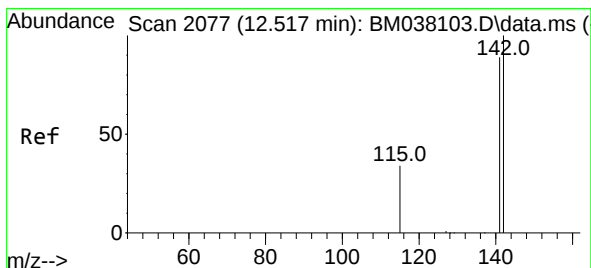
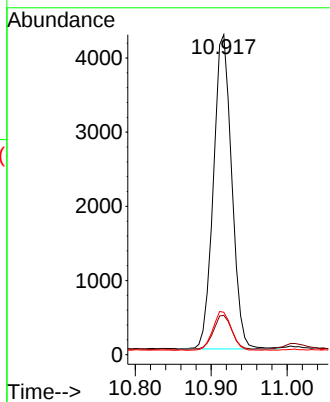
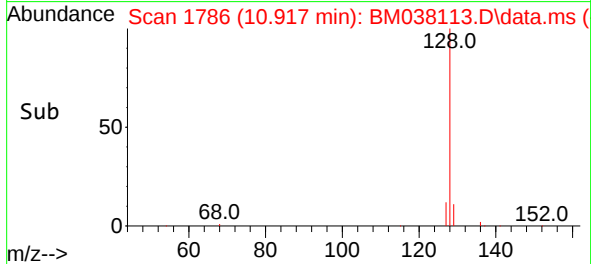
Instrument :
BNA_M
ClientSampleId :
DBYC6DL



Tgt Ion:128 Resp: 7064
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.3 10.4 15.6

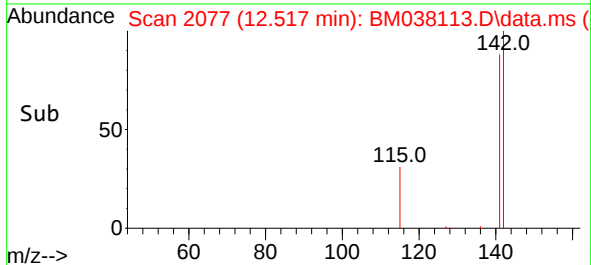
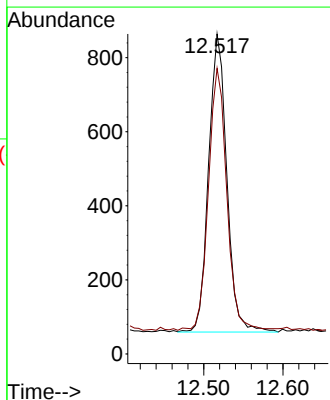
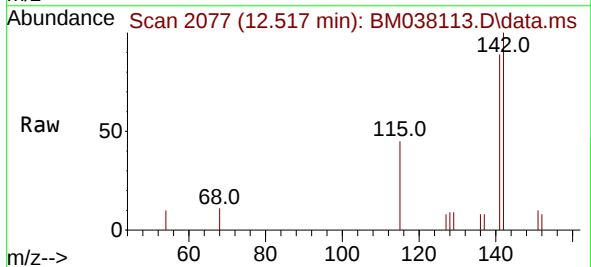
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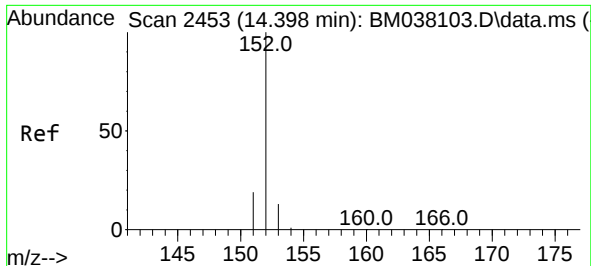
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

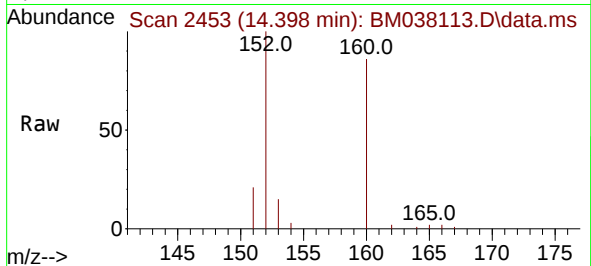
Tgt Ion:142 Resp: 1283
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6





#10
Acenaphthylene
Concen: 0.139 ng/u1
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

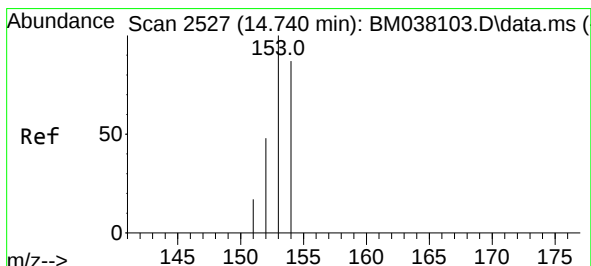
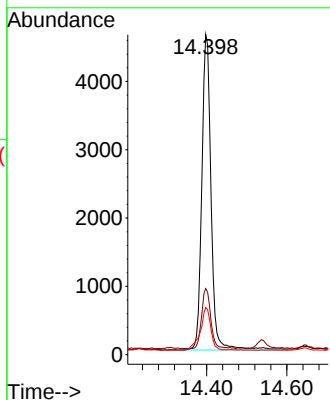
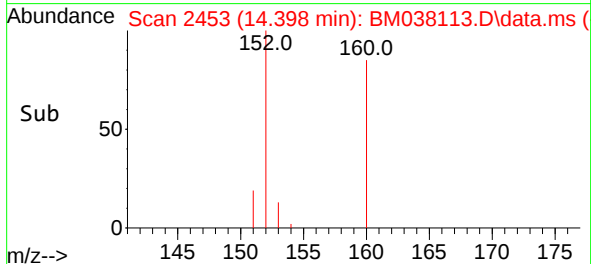
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Tgt Ion:152 Resp: 740
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 14.7 11.0 16.4

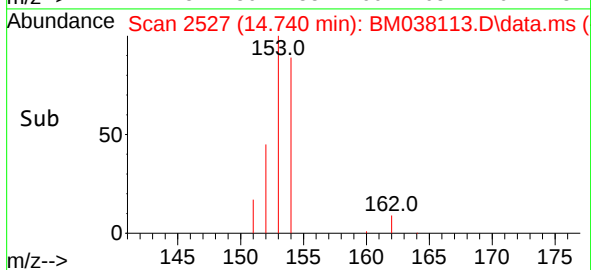
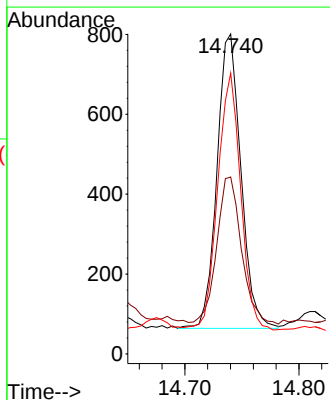
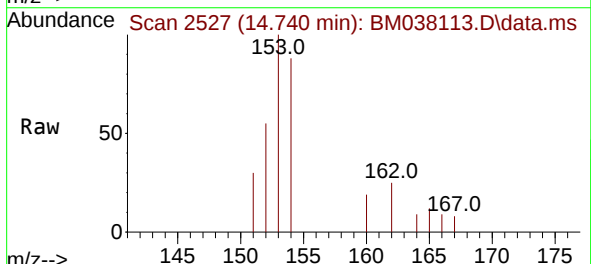
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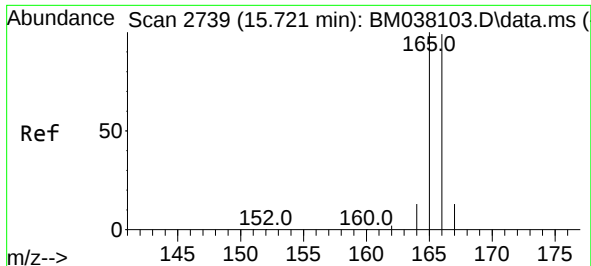
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

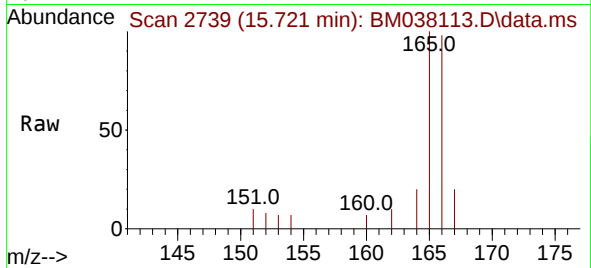
Tgt Ion:153 Resp: 1075
Ion Ratio Lower Upper
153 100
152 55.3 39.5 59.3
154 87.8 69.2 103.8





#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

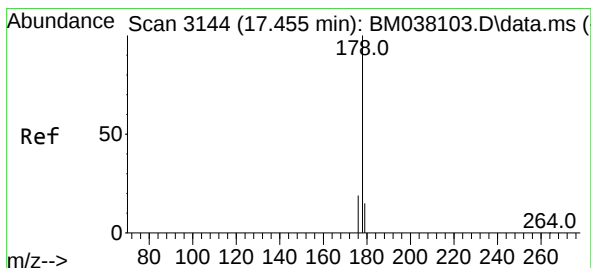
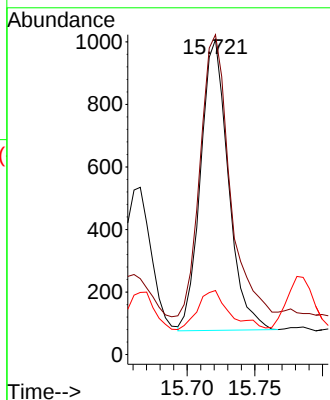
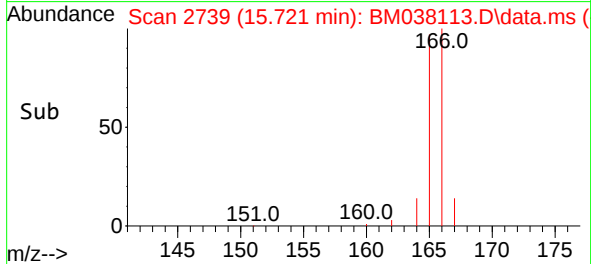
Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 1320
Ion Ratio Lower Upper
166 100
165 101.6 79.0 118.4
167 20.4 11.1 16.7

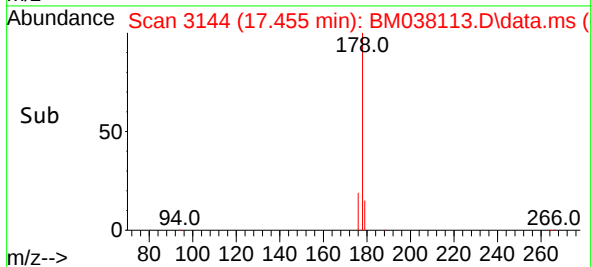
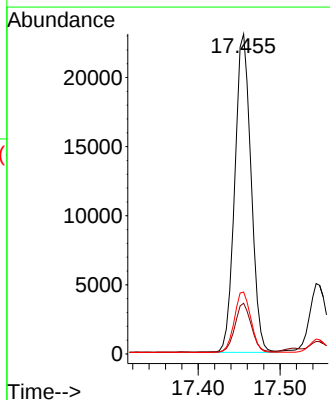
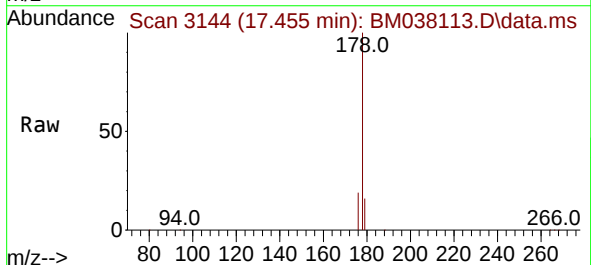
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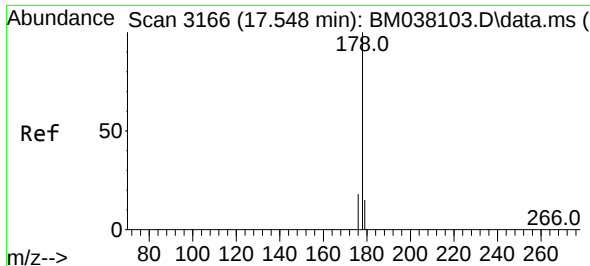
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#15
Phenanthrene
Concen: 0.470 ng/u1
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

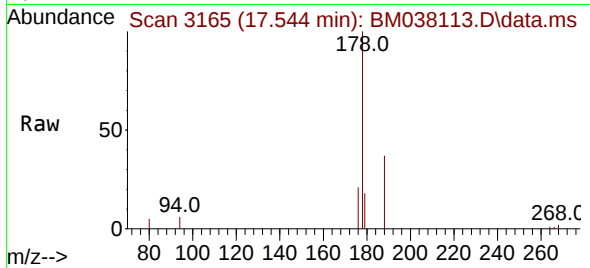
Tgt Ion:178 Resp: 31757
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.4 15.8 23.6





#16
 Anthracene
 Concen: 0.112 ng/ul
 RT: 17.544 min Scan# 3166
 Delta R.T. -0.004 min
 Lab File: BM038113.D
 Acq: 19 Dec 2022 21:36

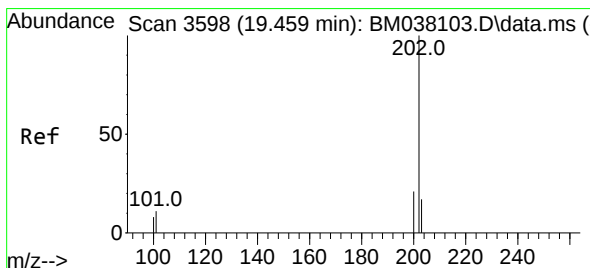
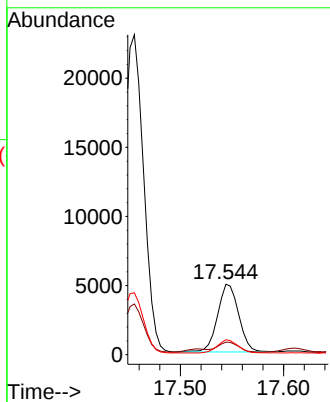
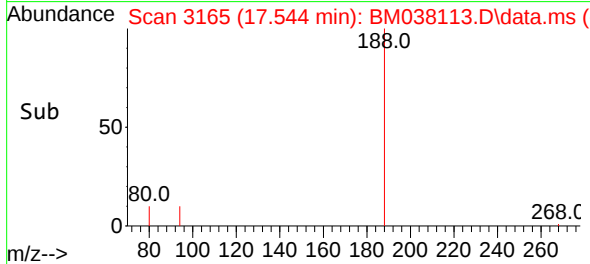
Instrument :
 BNA_M
 ClientSampleId :
 DBYC6DL



Tgt Ion:178 Resp: 6990
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.0 19.4
 176 21.0 15.0 22.4

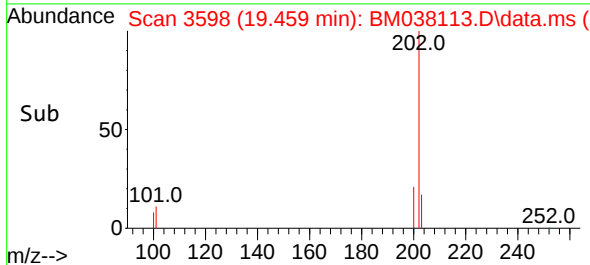
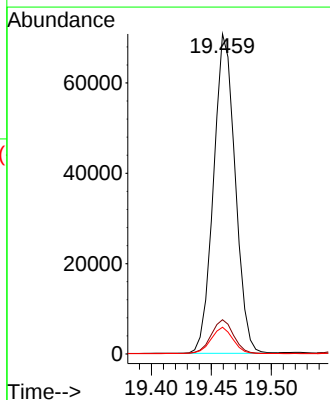
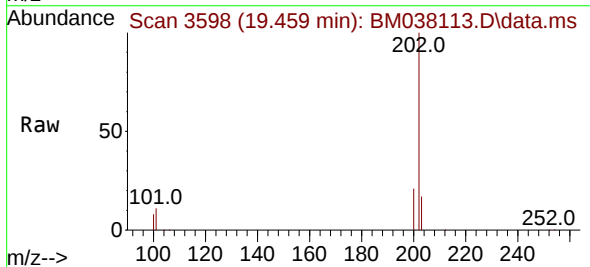
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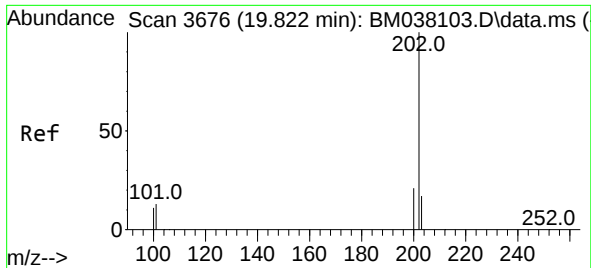
Reviewed By :Jagrut Upadhyay 12/20/2022
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#19
 Fluoranthene
 Concen: 1.253 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038113.D
 Acq: 19 Dec 2022 21:36

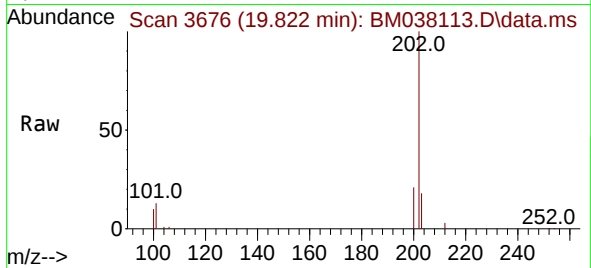
Tgt Ion:202 Resp: 88963
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.6 15.8
 100 8.4 7.9 11.9





#20
Pyrene
Concen: 0.900 ng/ul m
RT: 19.822 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

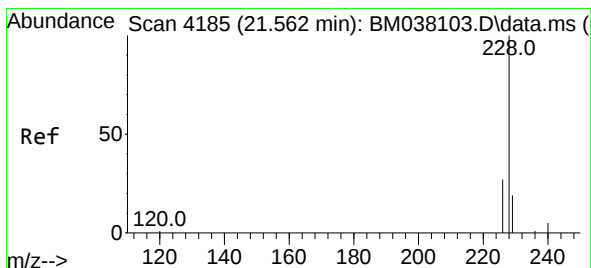
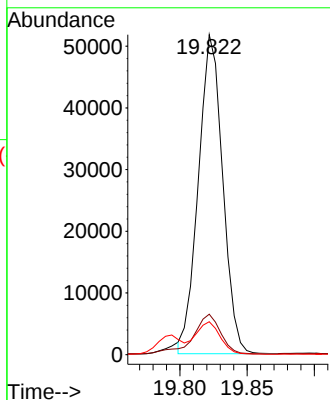
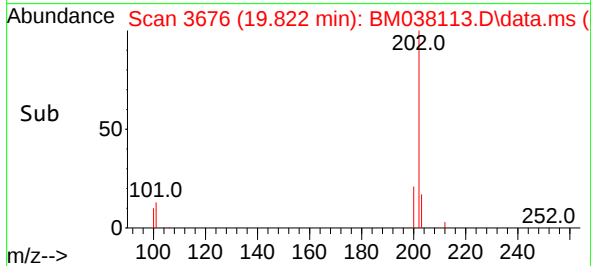
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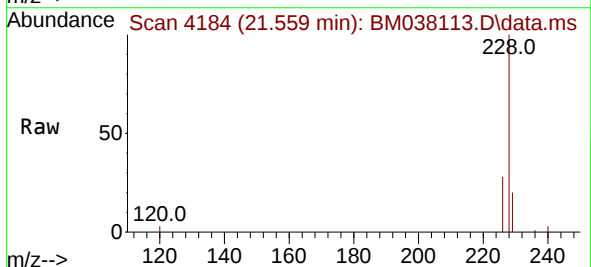
Tgt Ion:202 Resp: 65224
Ion Ratio Lower Upper
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101 12.7 12.1 18.1
100 10.3 9.8 14.6

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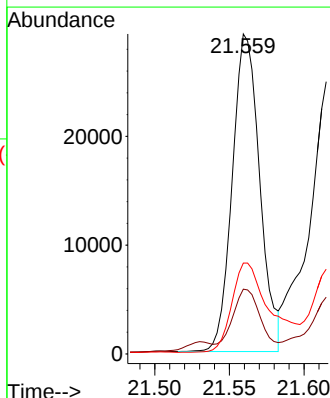
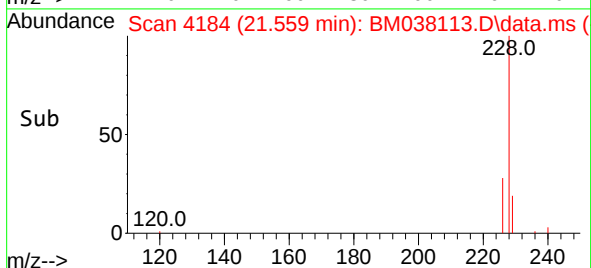
Reviewed By :Jagrut Upadhyay 12/20/2022
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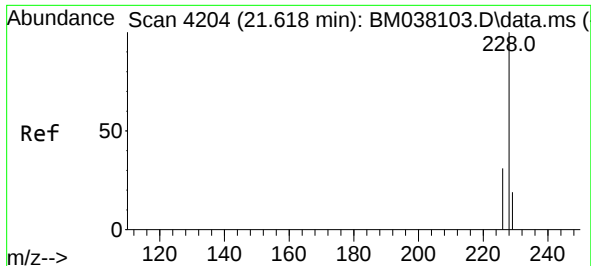


#21
Benzo(a)anthracene
Concen: 0.630 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.006 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36



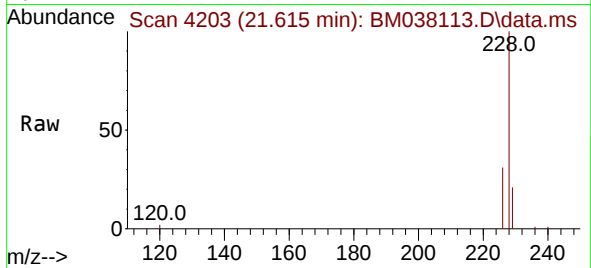
Tgt Ion:228 Resp: 37403
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.4 22.1 33.1





#22
Chrysene
Concen: 0.622 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

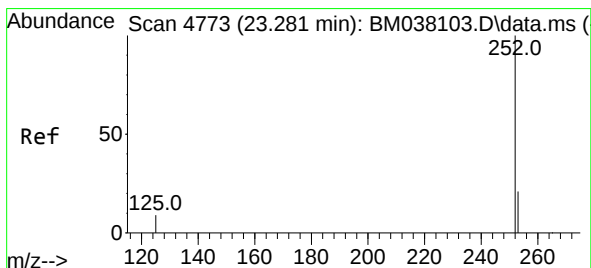
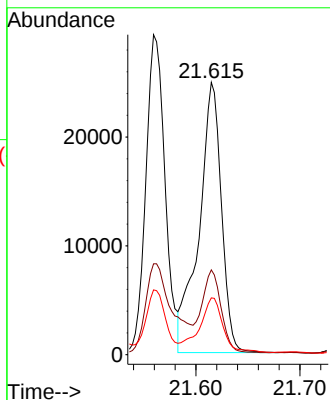
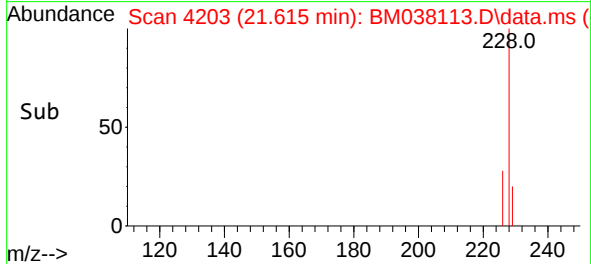
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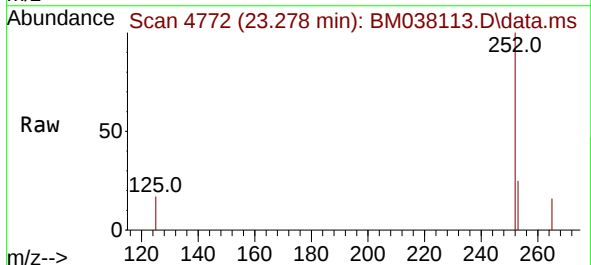
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Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 20.9 15.7 23.5

Manual Integrations
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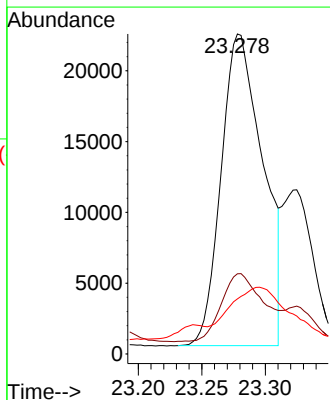
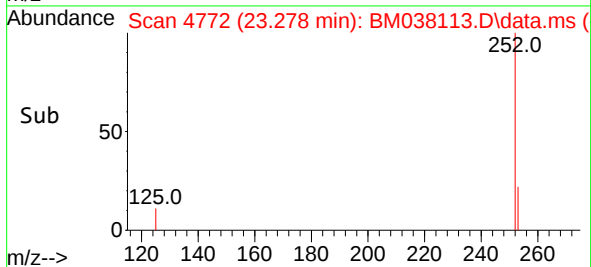
Reviewed By :Jagrut Upadhyay 12/20/2022
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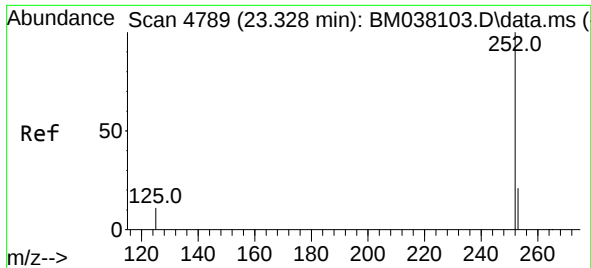


#24
Benzo(b)fluoranthene
Concen: 0.803 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36



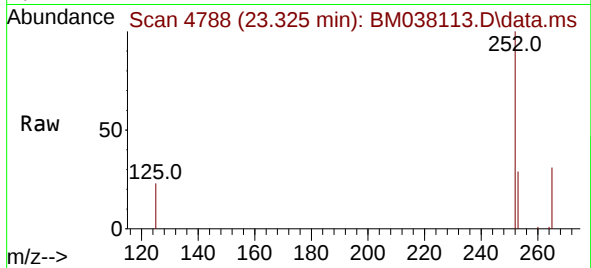
Tgt Ion:252 Resp: 50203
Ion Ratio Lower Upper
252 100
253 25.0 0.0 51.8
125 17.2 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

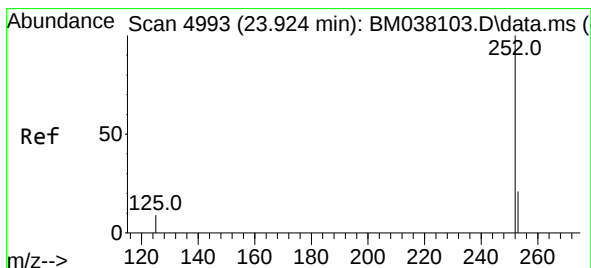
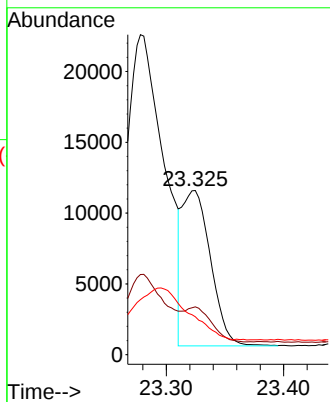
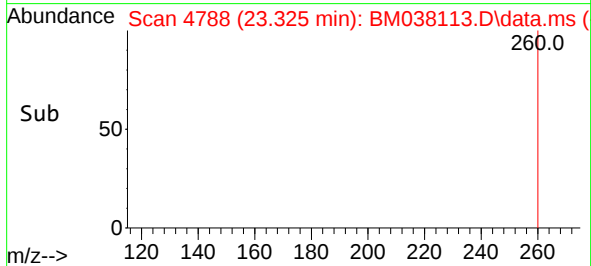
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 1845
Ion Ratio Lower Upper
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253 29.1 20.8 31.2
125 23.1 17.1 25.7

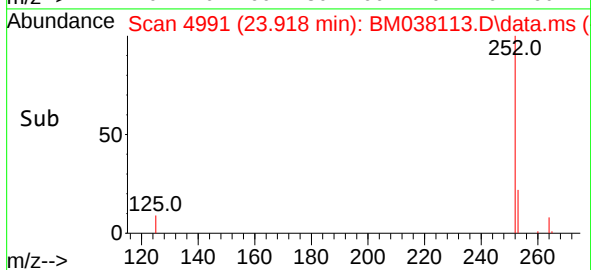
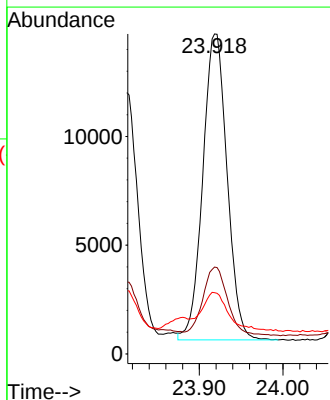
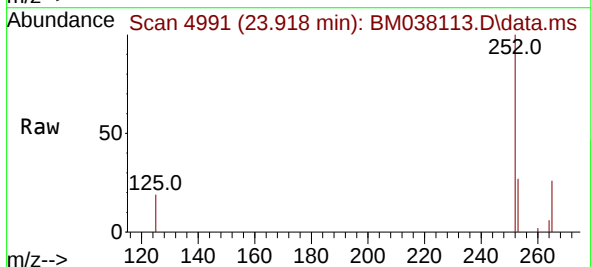
Manual Integrations
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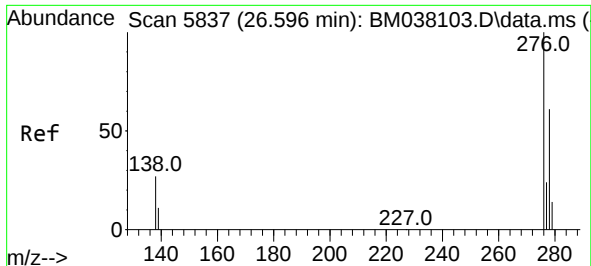
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.539 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

Tgt Ion:252 Resp: 28381
Ion Ratio Lower Upper
252 100
253 27.2 21.9 32.9
125 19.2 20.7 31.1#





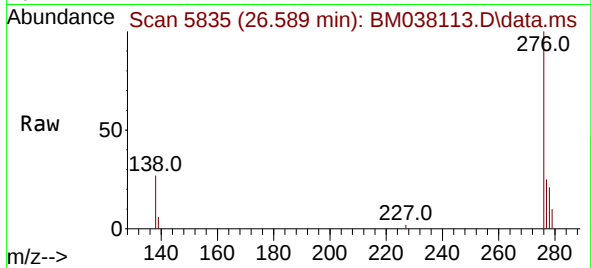
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

Instrument :

BNA_M

ClientSampleId :

DBYC6DL

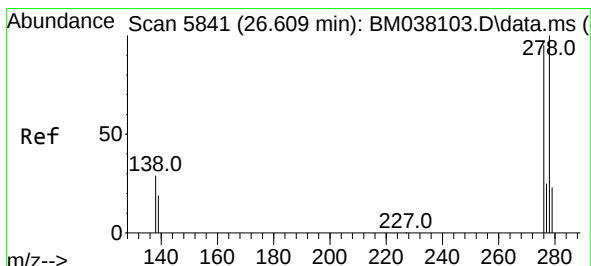
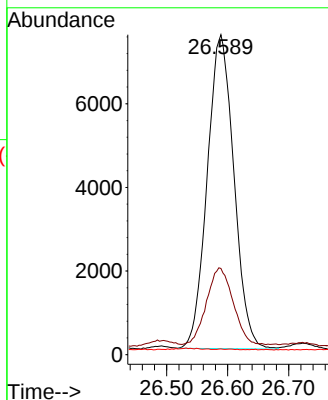
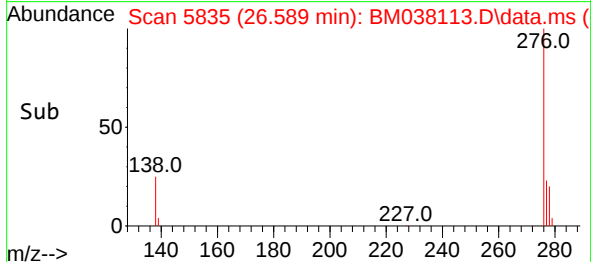


Tgt Ion:276 Resp: 22820
Ion Ratio Lower Upper
276 100
138 25.7 26.6 40.0#
227 0.1 0.1 0.1#

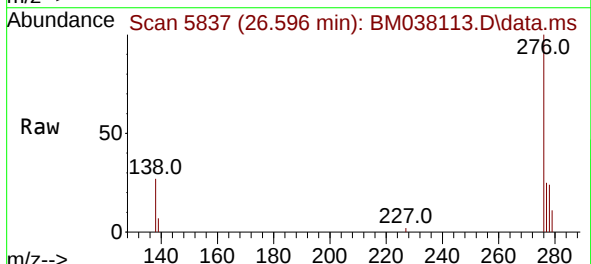
Manual Integrations

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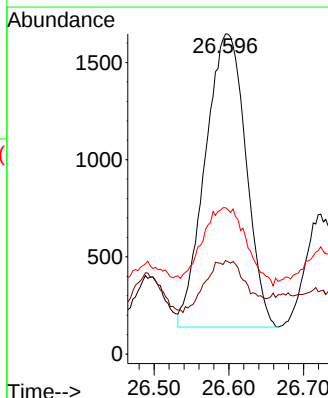
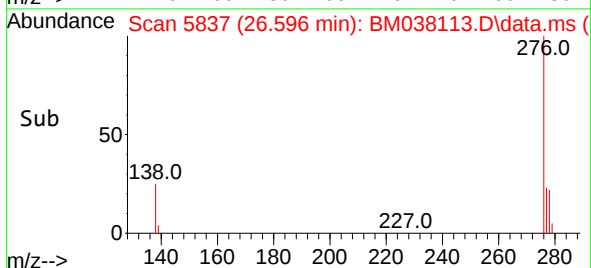
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

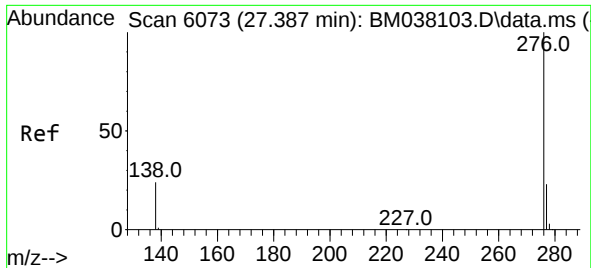


#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.596 min Scan# 5837
Delta R.T. -0.020 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36



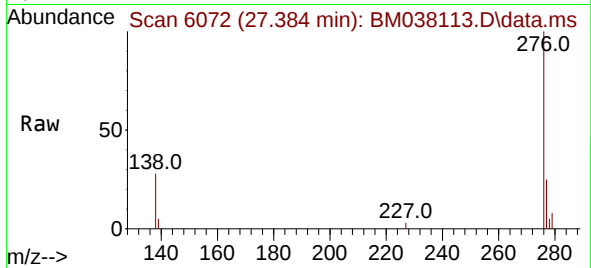
Tgt Ion:278 Resp: 5713
Ion Ratio Lower Upper
278 100
139 29.2 19.0 28.6#
279 45.7 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.279 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038113.D
Acq: 19 Dec 2022 21:36

Instrument :
BNA_M
ClientSampleId :
DBYC6DL



Tgt Ion: 276 Resp: 1569
Ion Ratio Lower Upper
276 100
138 27.8 24.1 36.1
277 25.1 19.0 28.6

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Supervised By :mohammad ahmed 12/20/2022

