

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038230.D
 Acq On : 23 Dec 2022 13:36
 Operator : CG/JU
 Sample : N6008-09DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:23:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12214	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13557	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	8634	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	8986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	3918	0.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	1086	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	1910	0.059	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.389	152	2166	0.058	ng/ul#	85
11) Acenaphthene	14.726	153	696	0.026	ng/ul#	94
12) Fluorene	15.707	166	723	0.025	ng/ul#	89
14) Pentachlorophenol	17.058	266	285	0.042	ng/ul	96
15) Phenanthrene	17.447	178	9913	0.218	ng/ul	98
16) Anthracene	17.536	178	4897	0.112	ng/ul#	93
19) Fluoranthene	19.455	202	21466	0.454	ng/ul	99
20) Pyrene	19.817	202	18414m	0.385	ng/ul	
21) Benzo(a)anthracene	21.559	228	8519	0.225	ng/ul	92
22) Chrysene	21.612	228	10709	0.291	ng/ul	95
24) Benzo(b)fluoranthene	23.275	252	16472	0.414	ng/ul	86
25) Benzo(k)fluoranthene	23.322	252	4736m	0.124	ng/ul	
26) Benzo(a)pyrene	23.915	252	9556	0.275	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.589	276	8268	0.172	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.595	278	2113	0.057	ng/ul#	1
29) Benzo(g,h,i)perylene	27.384	276	8056	0.199	ng/ul#	89

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

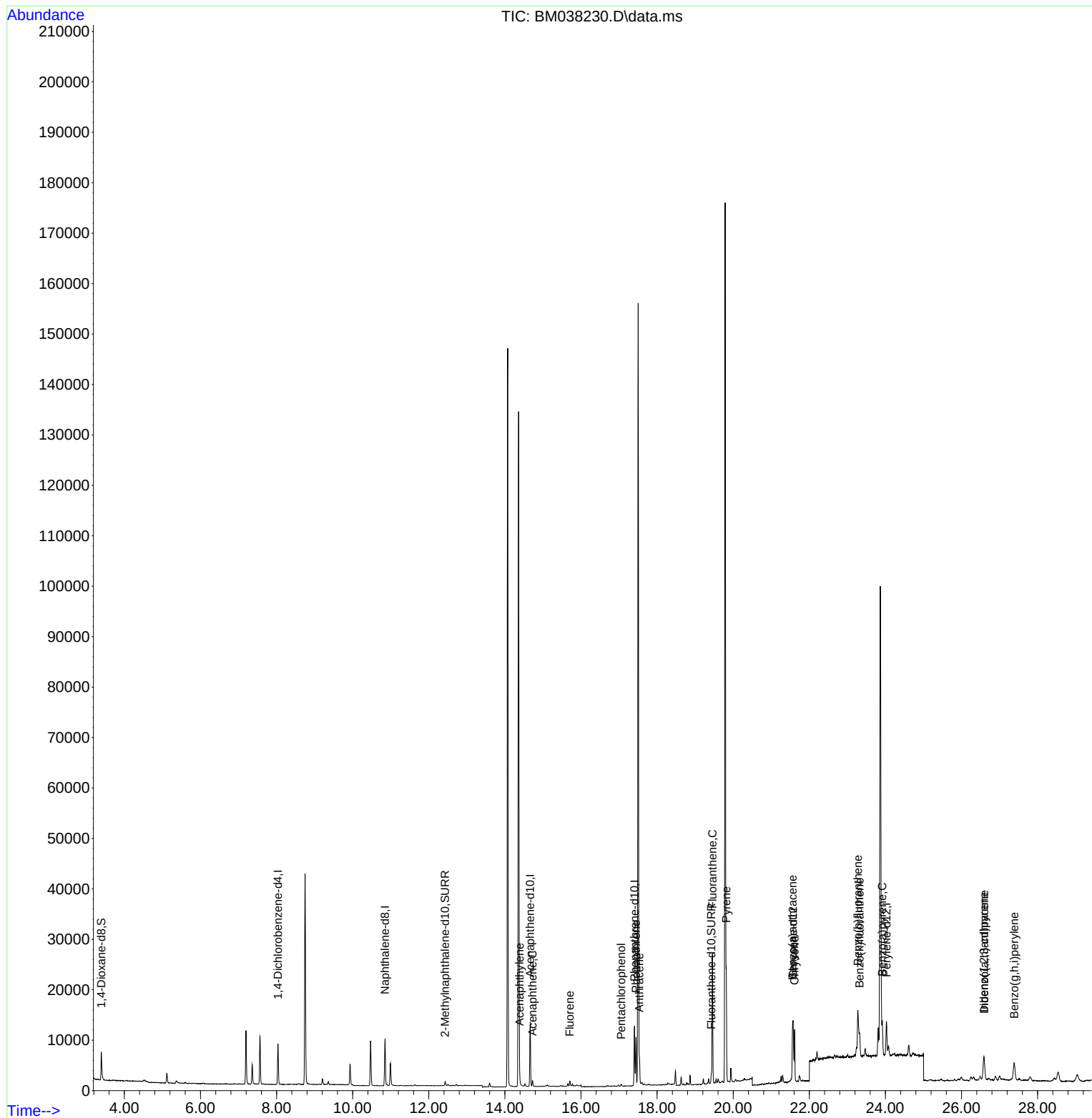
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Data File : BM038230.D
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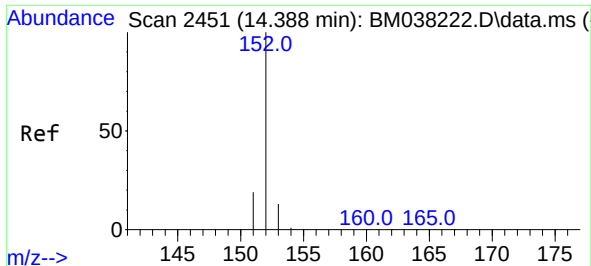
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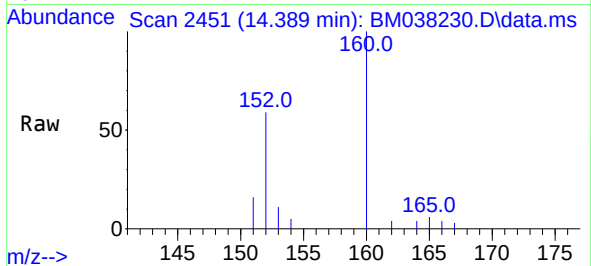
Quant Time: Dec 23 23:23:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#10
Acenaphthylene
Concen: 0.058 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

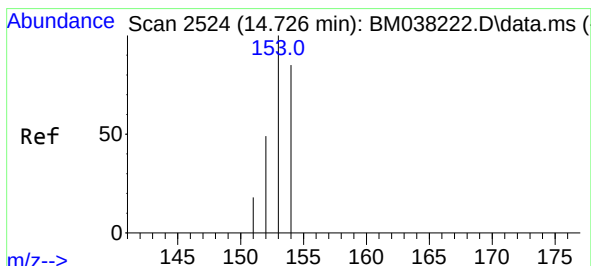
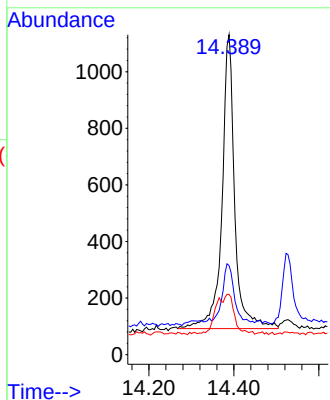
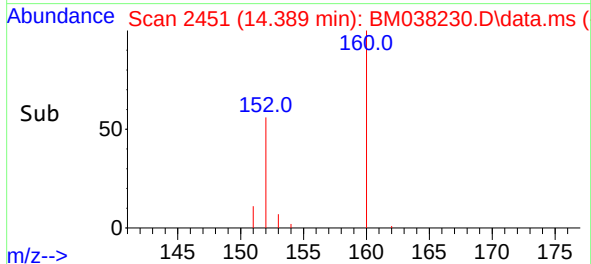
Instrument :
BNA_M
ClientSampleId :
DBYB8DL



Tgt Ion:152 Resp: 2160
Ion Ratio Lower Upper
152 100
151 27.9 16.2 24.2
153 18.8 10.7 16.1

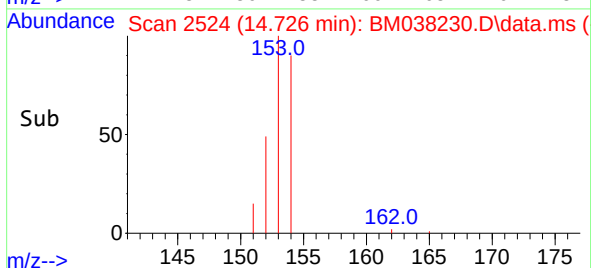
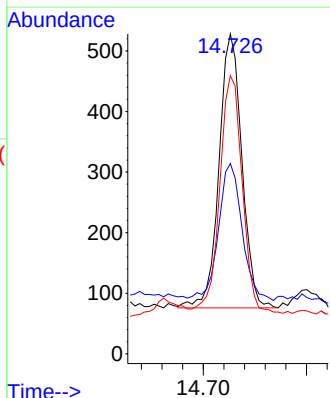
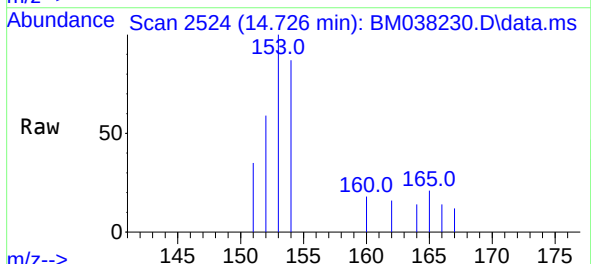
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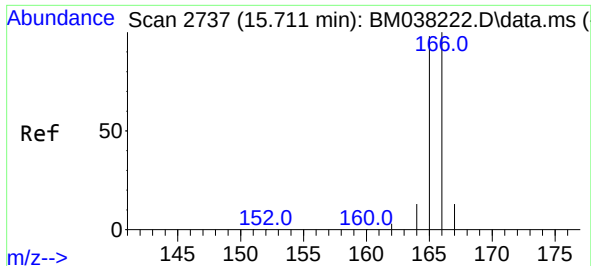
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

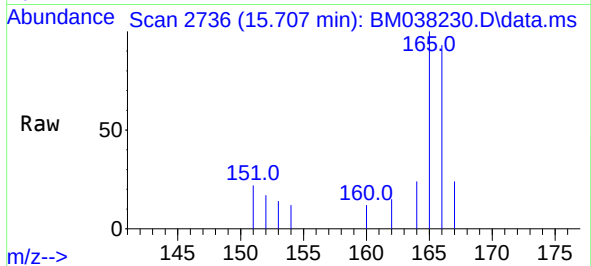
Tgt Ion:153 Resp: 696
Ion Ratio Lower Upper
153 100
152 59.5 39.4 59.0#
154 86.9 69.0 103.4





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.707 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

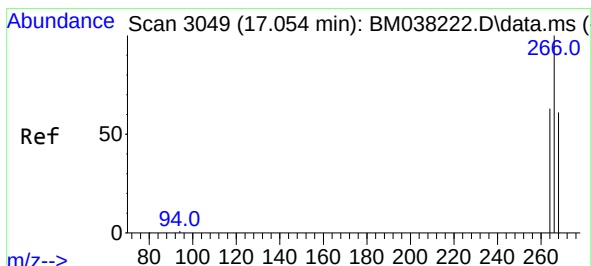
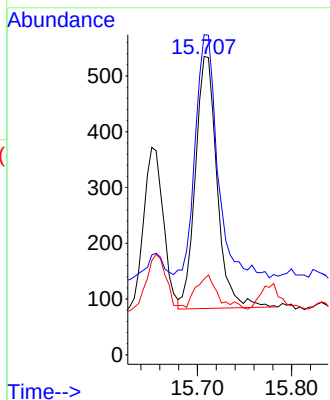
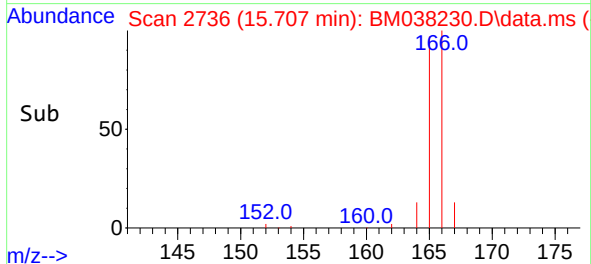
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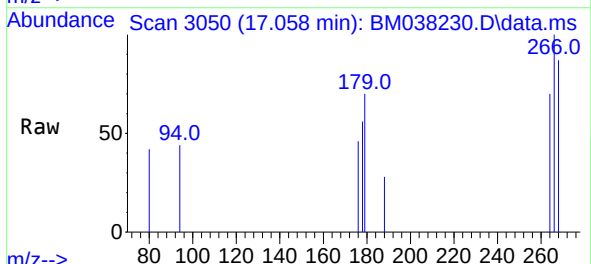
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Ion Ratio Lower Upper
166 100
165 107.3 79.0 118.6
167 25.4 11.0 16.6

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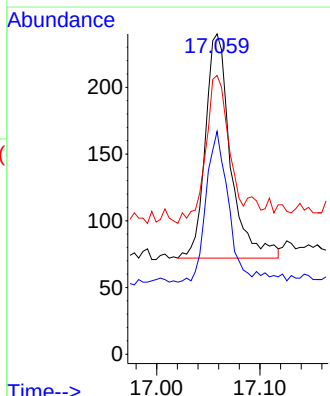
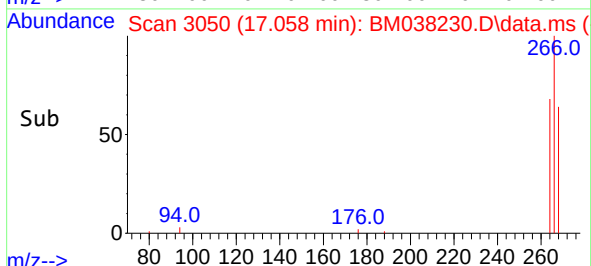
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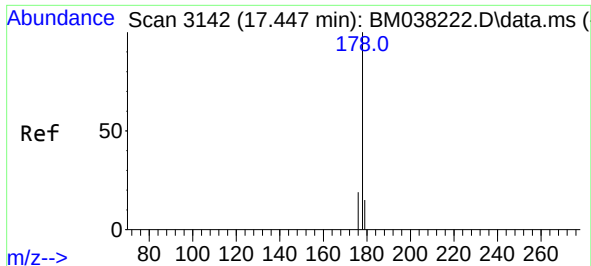


#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36



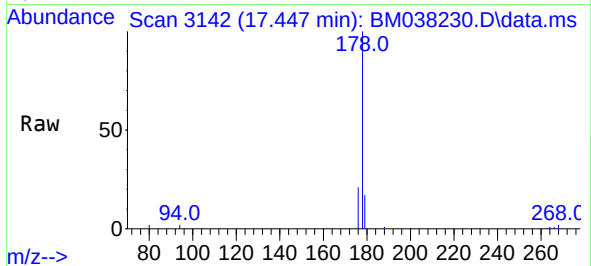
Tgt Ion:266 Resp: 285
Ion Ratio Lower Upper
266 100
264 58.6 49.9 74.9
268 61.4 51.2 76.8





#15
Phenanthrene
Concen: 0.218 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

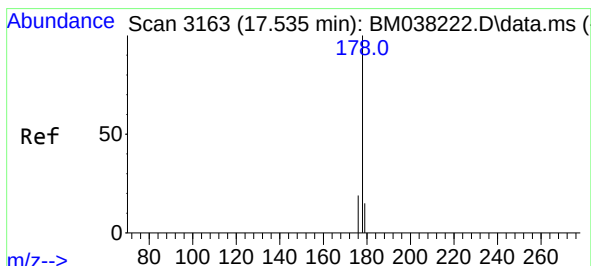
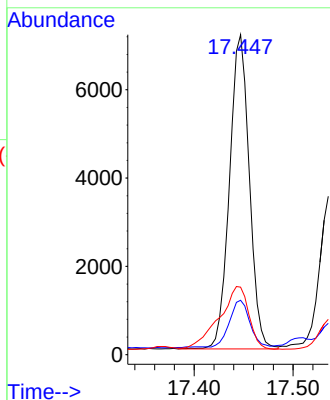
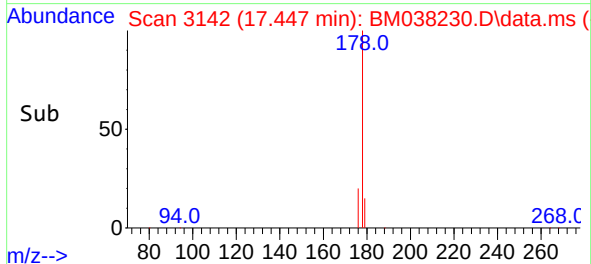
Instrument :
BNA_M
ClientSampleId :
DBYB8DL



Tgt Ion:178 Resp: 991
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 21.1 16.2 24.4

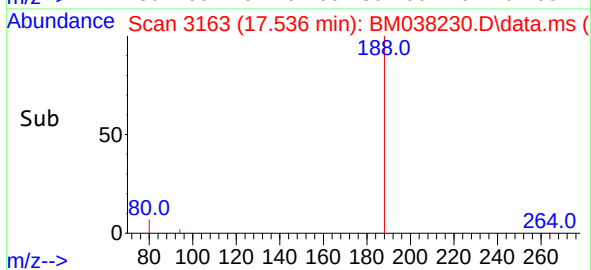
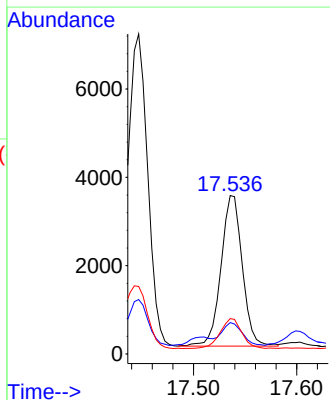
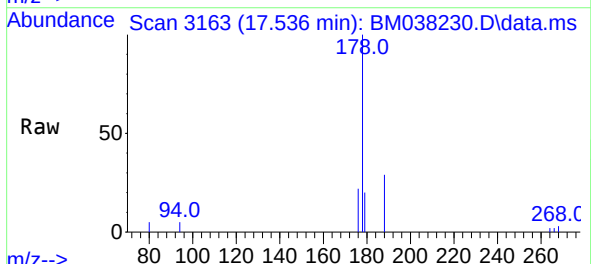
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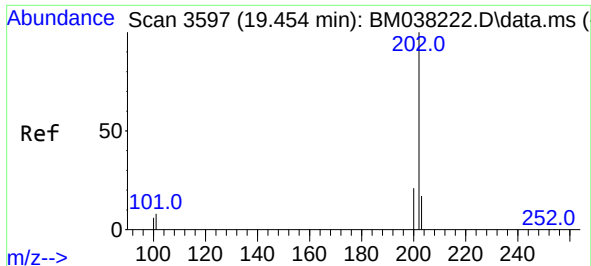
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.112 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

Tgt Ion:178 Resp: 4897
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.6#
176 22.3 15.6 23.4





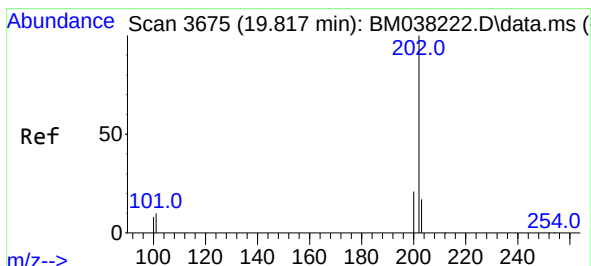
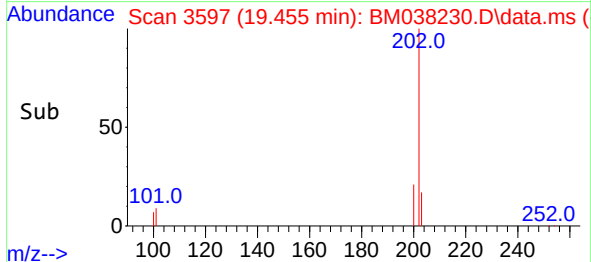
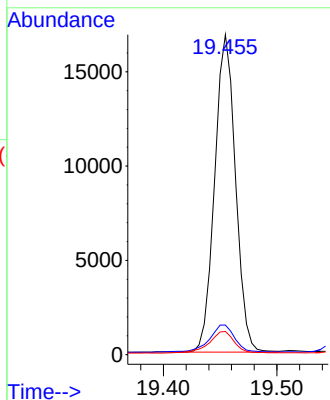
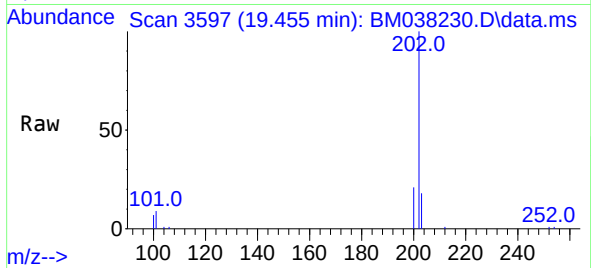
#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

Instrument :
BNA_M
ClientSampleId :
DBYB8DL

Tgt Ion:202 Resp: 21460
Ion Ratio Lower Upper
202 100
101 9.3 7.5 11.3
100 7.3 5.6 8.4

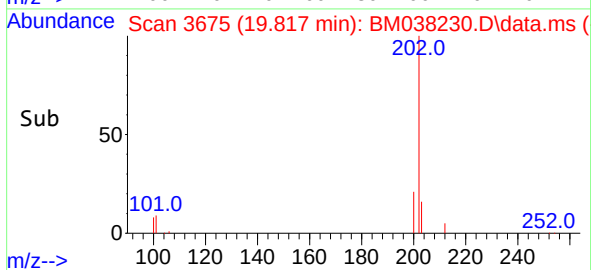
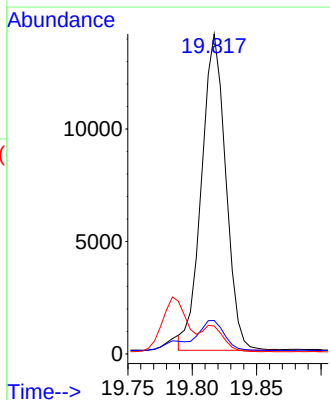
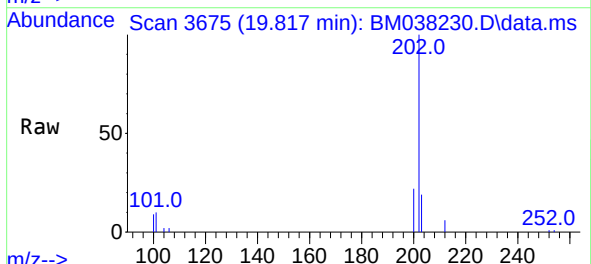
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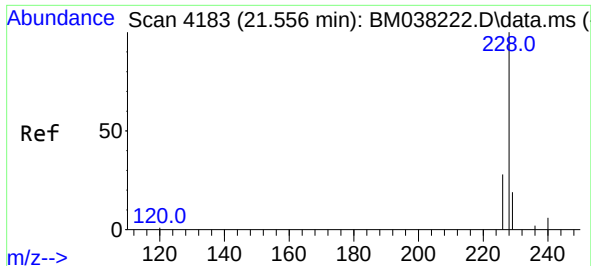
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.385 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

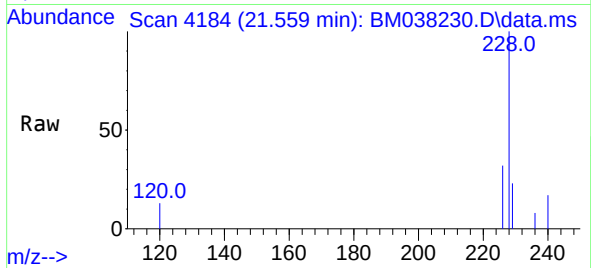
Tgt Ion:202 Resp: 18414
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.8 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.225 ng/u1
RT: 21.559 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

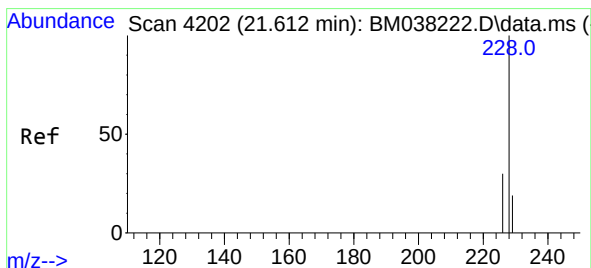
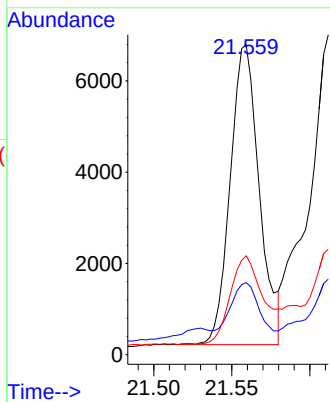
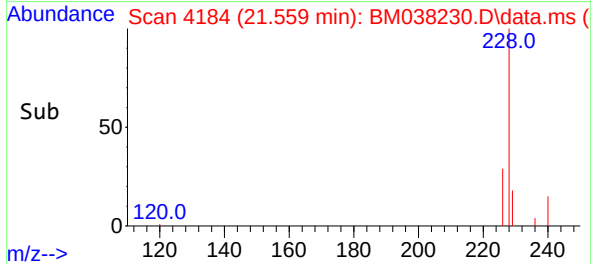
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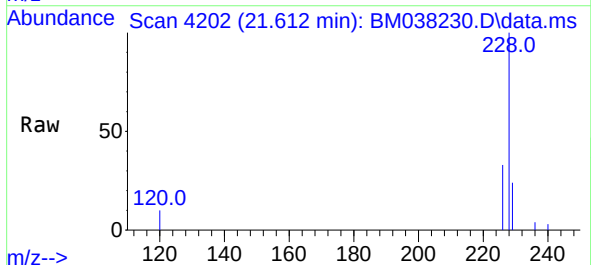
Tgt Ion:228 Resp: 8519
Ion Ratio Lower Upper
228 100
229 23.3 15.5 23.3
226 31.9 22.2 33.2

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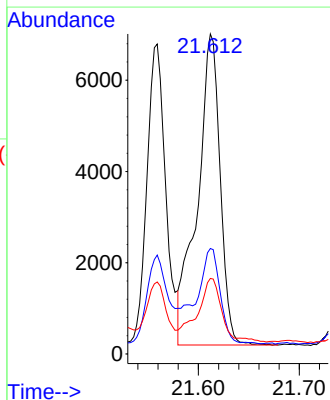
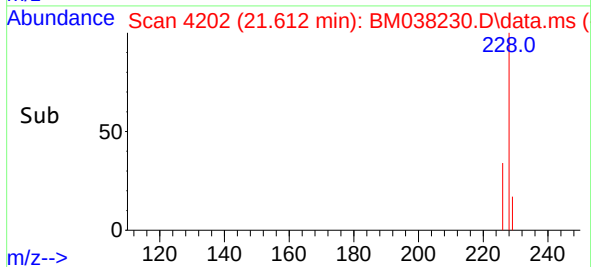
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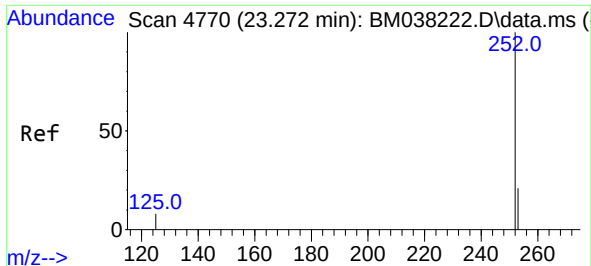


#22
Chrysene
Concen: 0.291 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36



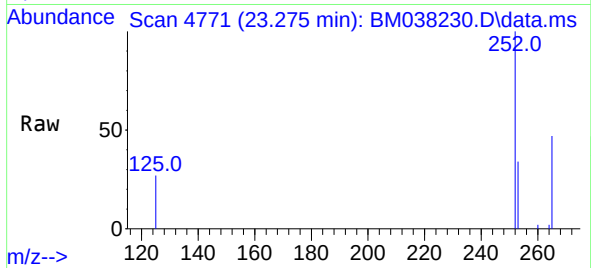
Tgt Ion:228 Resp: 10709
Ion Ratio Lower Upper
228 100
226 33.0 25.0 37.4
229 23.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

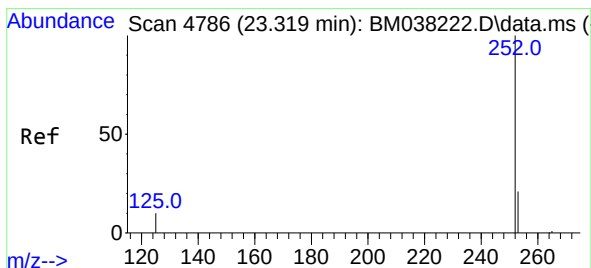
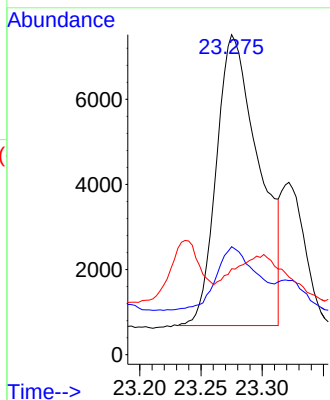
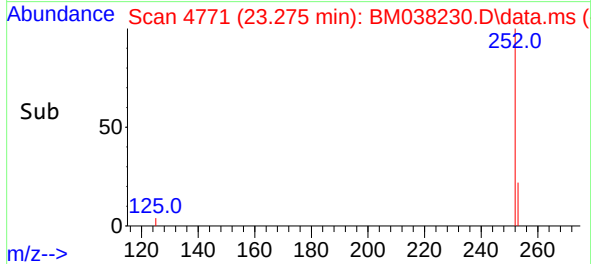
Instrument :
BNA_M
ClientSampleId :
DBYB8DL



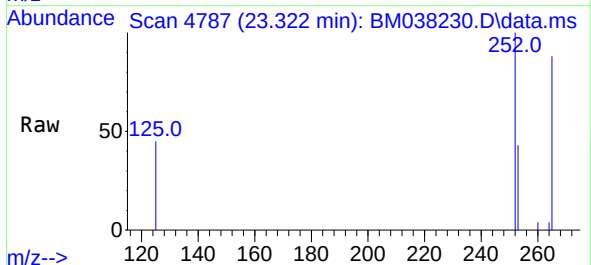
Tgt Ion:252 Resp: 16472
Ion Ratio Lower Upper
252 100
253 33.8 0.0 56.0
125 26.8 0.0 36.6

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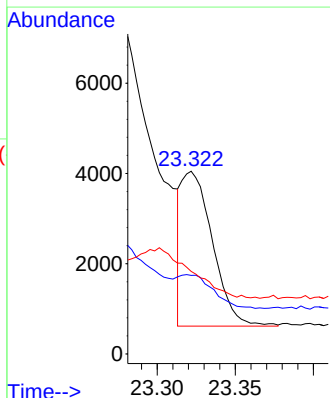
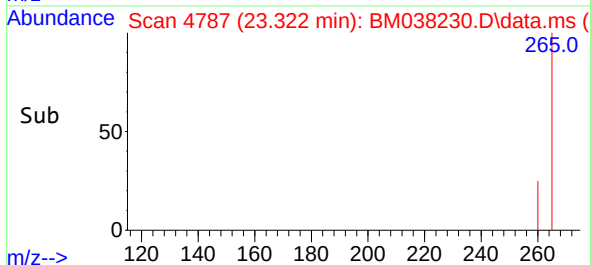
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

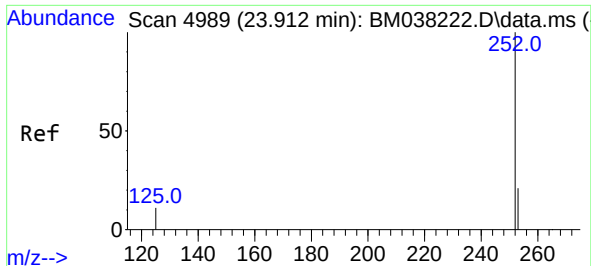


#25
Benzo(k)fluoranthene
Concen: 0.124 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36



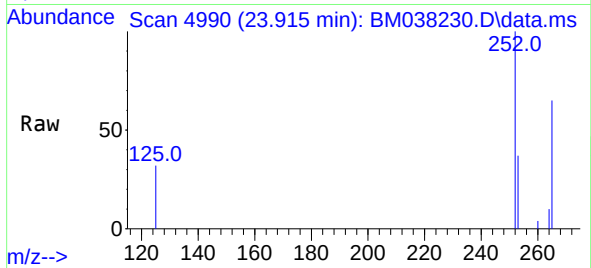
Tgt Ion:252 Resp: 4736
Ion Ratio Lower Upper
252 100
253 43.0 22.5 33.7#
125 45.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.915 min Scan# 4989
Delta R.T. 0.003 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

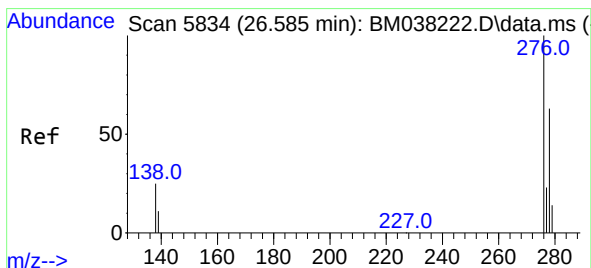
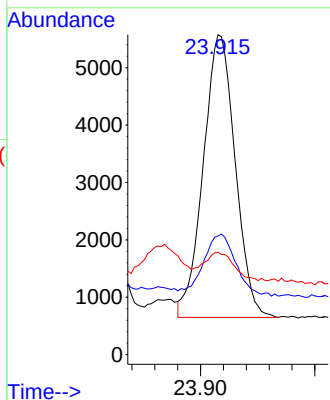
Instrument :
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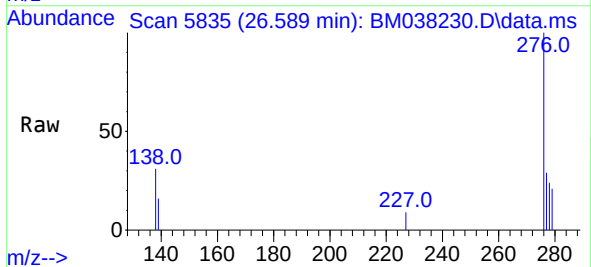
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Ion Ratio Lower Upper
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253 37.1 24.2 36.4#
125 32.0 17.3 25.9#

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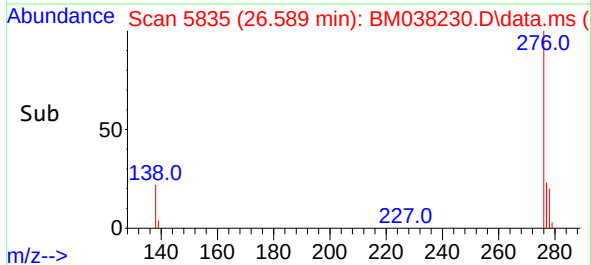
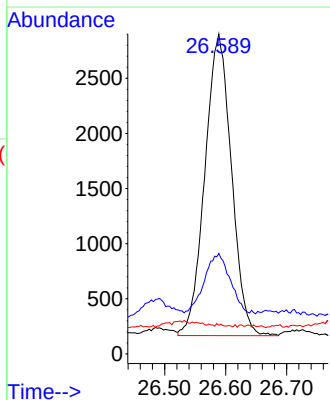
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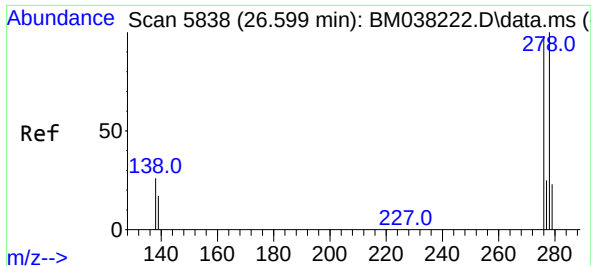


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. 0.007 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36



Tgt Ion:276 Resp: 8268
Ion Ratio Lower Upper
276 100
138 20.1 21.7 32.5#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.595 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

Instrument :

BNA_M

ClientSampleId :

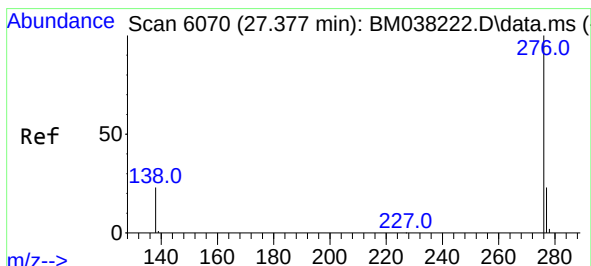
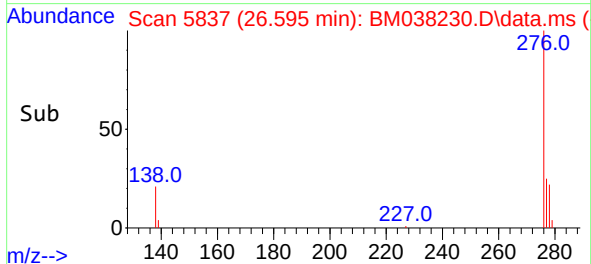
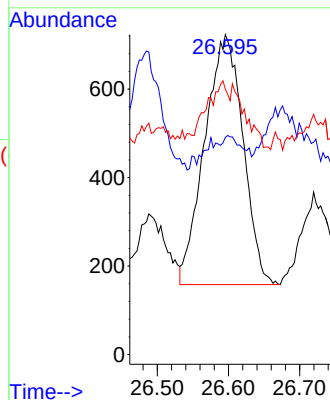
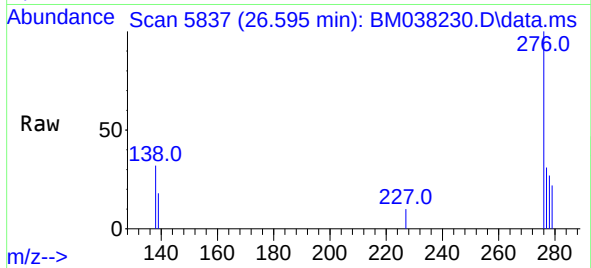
DBYB8DL

Tgt Ion:278 Resp: 211
Ion Ratio Lower Upper
278 100
139 67.9 16.8 25.2
279 83.0 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. 0.014 min
Lab File: BM038230.D
Acq: 23 Dec 2022 13:36

Tgt Ion:276 Resp: 8056
Ion Ratio Lower Upper
276 100
138 32.7 20.8 31.2
277 30.5 20.5 30.7

