

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038304.D
 Acq On : 25 Dec 2022 11:51
 Operator : CG/JU
 Sample : N6016-03DL 5X
 Misc :
 ALS Vial : 113 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:55:31 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	7949	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	4551	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	9011	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	6070	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	6180	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	1733	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	501	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	934	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	549	0.024	ng/ul#	69
10) Acenaphthylene	14.379	152	1131	0.045	ng/ul#	79
11) Acenaphthene	14.717	153	493	0.027	ng/ul	95
12) Fluorene	15.698	166	445	0.023	ng/ul#	88
15) Phenanthrene	17.434	178	7567	0.251	ng/ul	98
16) Anthracene	17.527	178	2184	0.075	ng/ul#	90
19) Fluoranthene	19.445	202	19511	0.587	ng/ul	98
20) Pyrene	19.808	202	16913m	0.503	ng/ul	
21) Benzo(a)anthracene	21.550	228	12836	0.482	ng/ul	97
22) Chrysene	21.606	228	14619	0.564	ng/ul	97
24) Benzo(b)fluoranthene	23.263	252	24136	0.882	ng/ul	95
25) Benzo(k)fluoranthene	23.310	252	7880m	0.300	ng/ul	
26) Benzo(a)pyrene	23.901	252	16386	0.687	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.562	276	12617	0.381	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.575	278	3287	0.128	ng/ul#	63
29) Benzo(g,h,i)perylene	27.357	276	11534	0.414	ng/ul	99

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

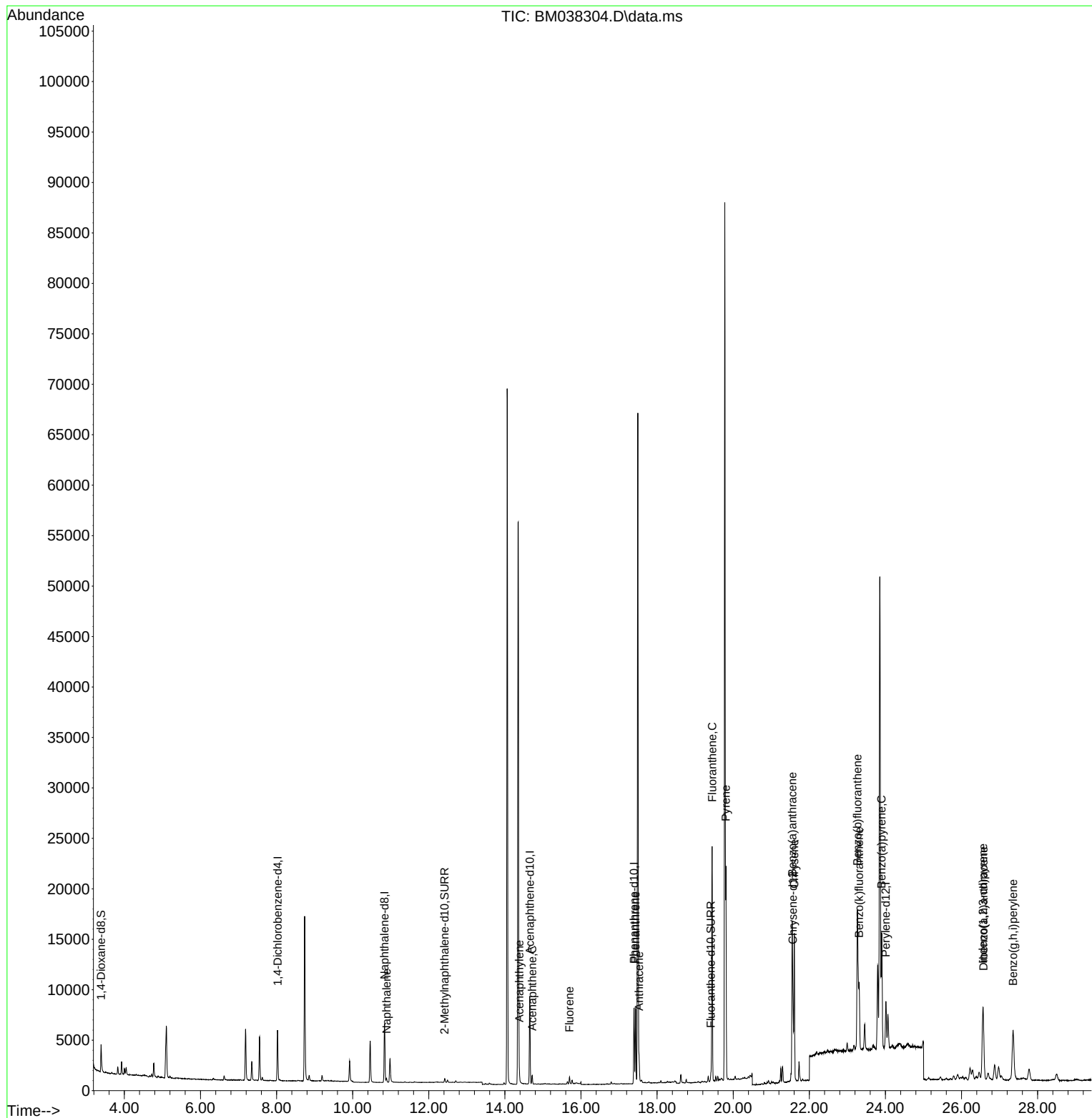
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038304.D
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ALS Vial : 113 Sample Multiplier: 1

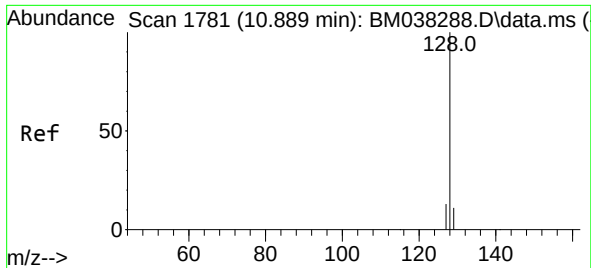
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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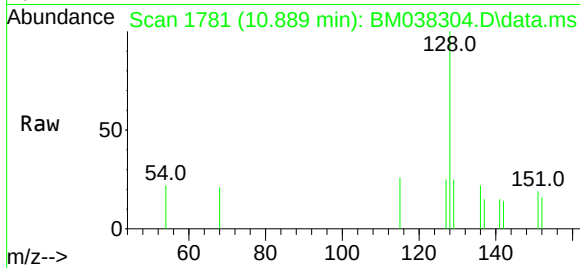
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#5
Naphthalene
Concen: 0.024 ng/u1
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

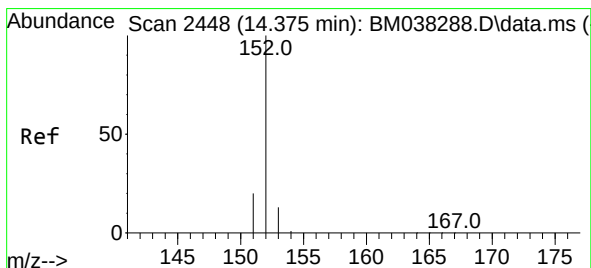
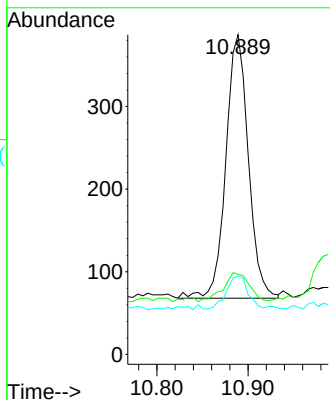
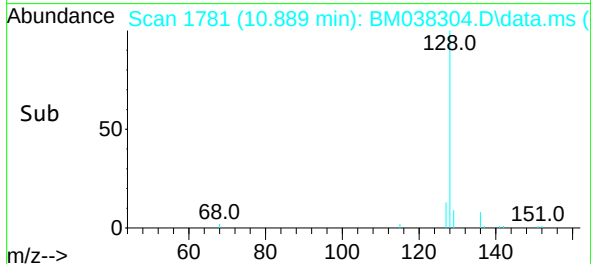
Instrument :
BNA_M
ClientSampleId :
DBYA8DL



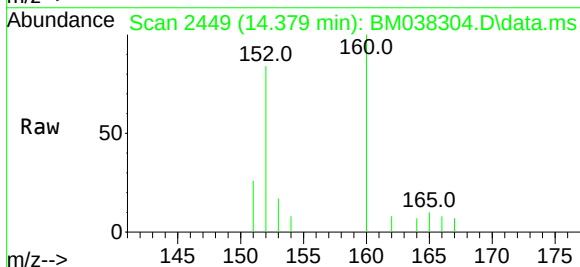
Tgt Ion:128 Resp: 549
Ion Ratio Lower Upper
128 100
129 25.1 9.4 14.0#
127 24.5 10.7 16.1#

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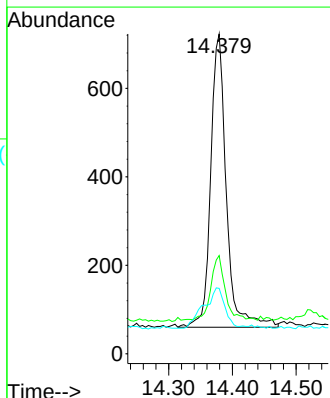
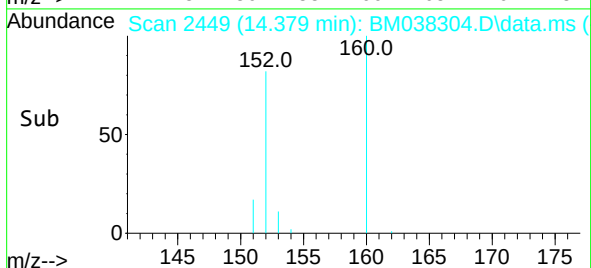
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

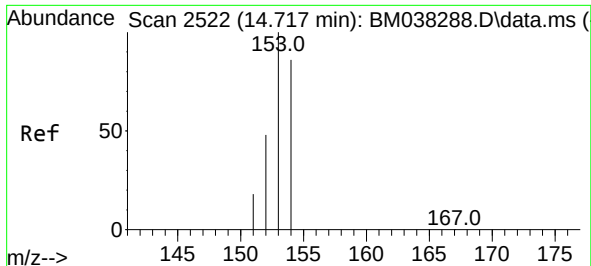


#10
Acenaphthylene
Concen: 0.045 ng/u1
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51



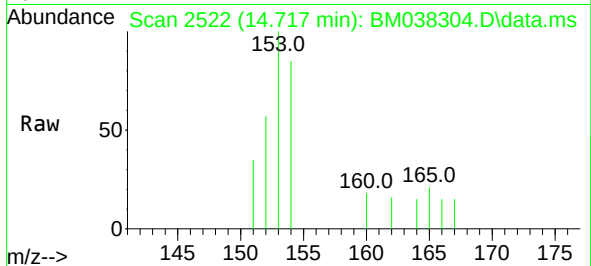
Tgt Ion:152 Resp: 1131
Ion Ratio Lower Upper
152 100
151 30.7 16.2 24.2#
153 20.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.717 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

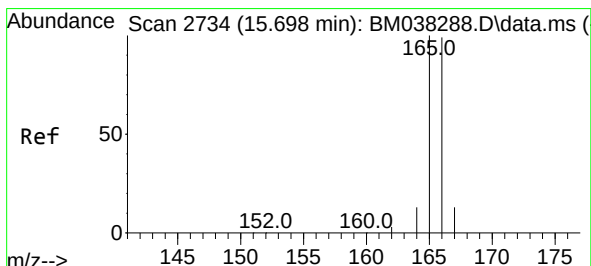
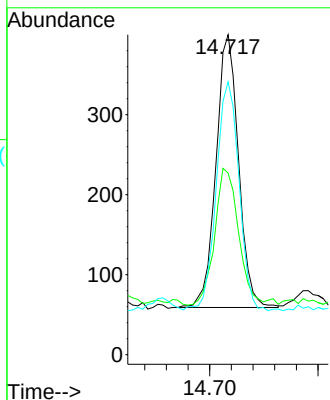
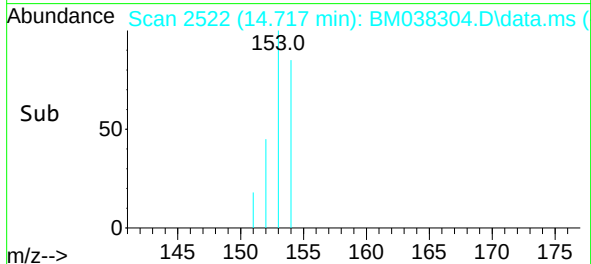
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 49
Ion Ratio Lower Upper
153 100
152 56.8 39.4 59.0
154 85.2 69.0 103.4

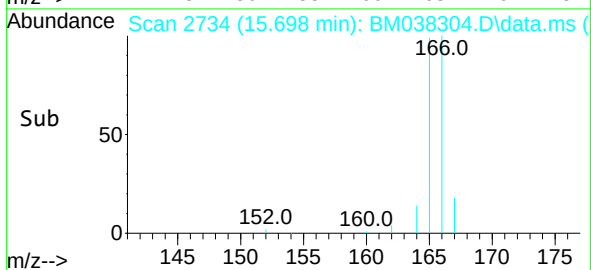
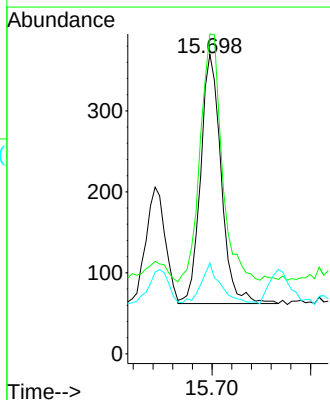
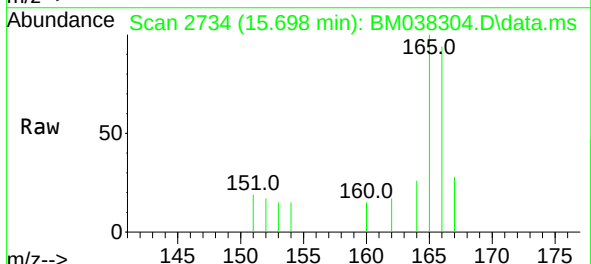
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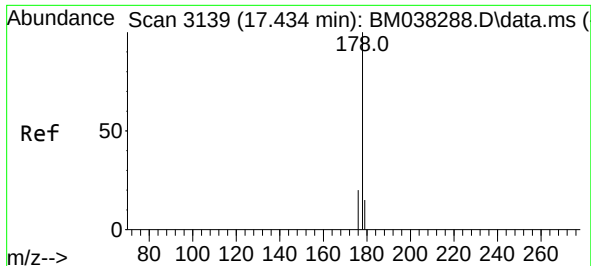
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

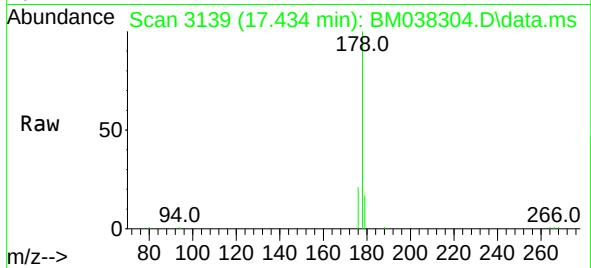
Tgt Ion:166 Resp: 445
Ion Ratio Lower Upper
166 100
165 106.8 79.0 118.6
167 30.3 11.0 16.6#





#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

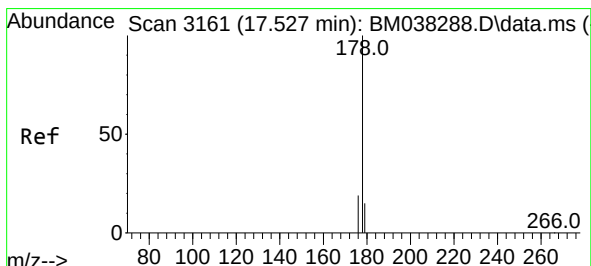
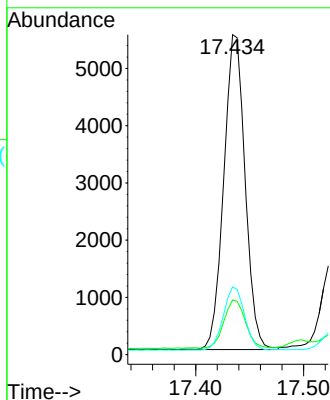
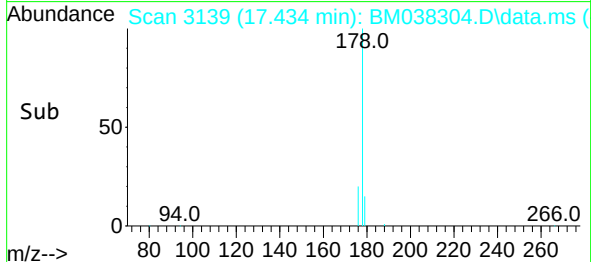
Instrument :
BNA_M
ClientSampleId :
DBYA8DL



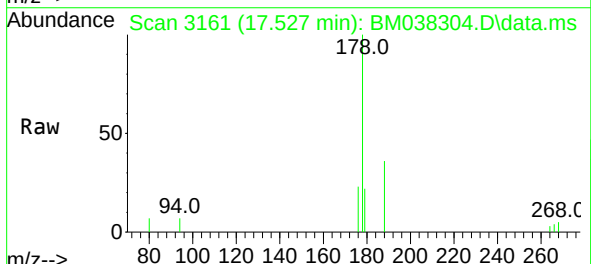
Tgt Ion:178 Resp: 756
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 21.2 16.2 24.4

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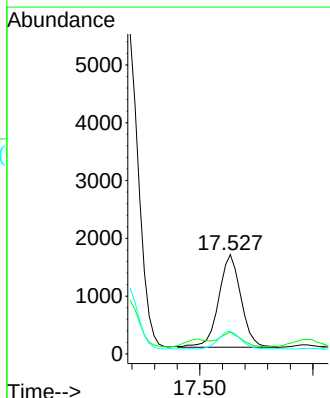
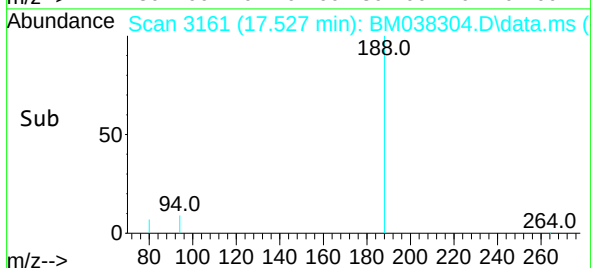
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

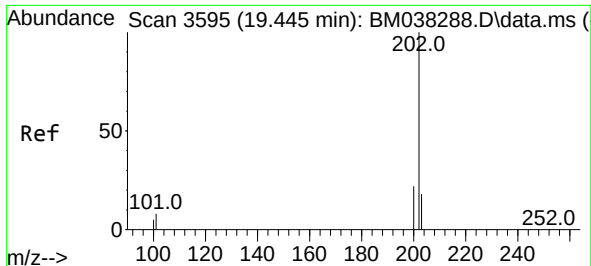


#16
Anthracene
Concen: 0.075 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51



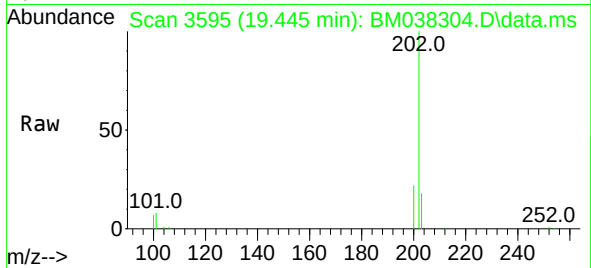
Tgt Ion:178 Resp: 2184
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.6#
176 22.8 15.6 23.4





#19
Fluoranthene
Concen: 0.587 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

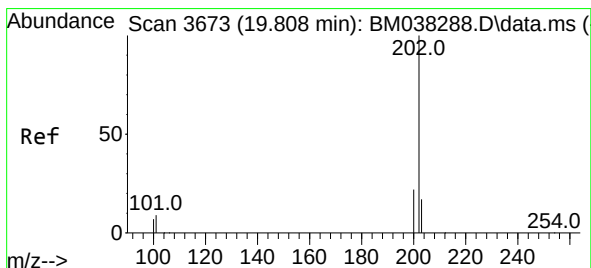
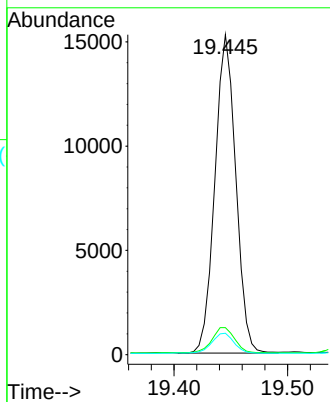
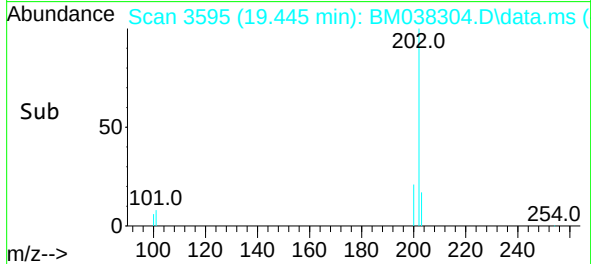
Instrument :
BNA_M
ClientSampleId :
DBYA8DL



Tgt Ion:202 Resp: 1951
Ion Ratio Lower Upper
202 100
101 8.4 7.5 11.3
100 6.7 5.6 8.4

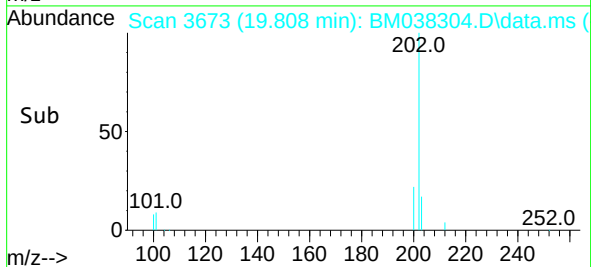
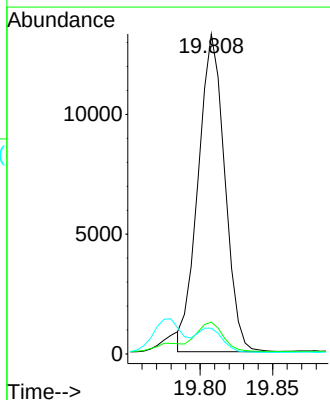
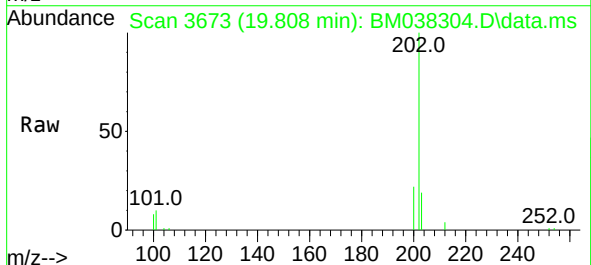
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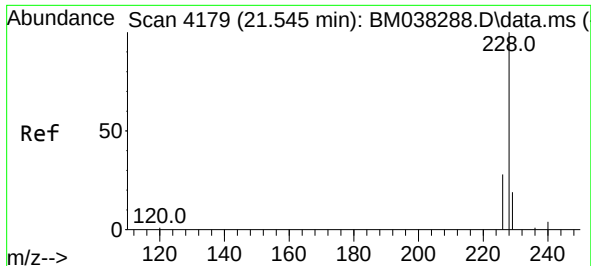
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 0.503 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

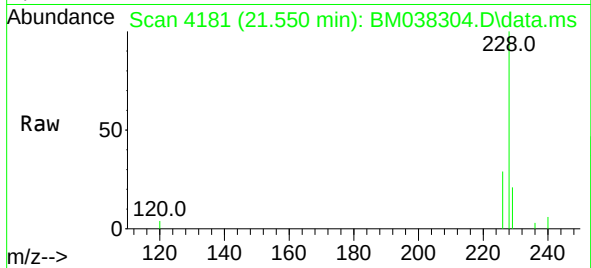
Tgt Ion:202 Resp: 16913
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.1 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.482 ng/u1
RT: 21.550 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

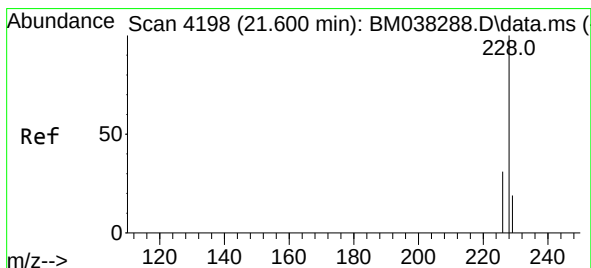
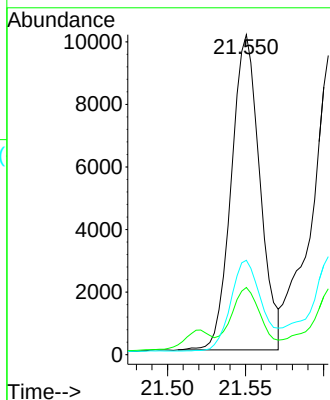
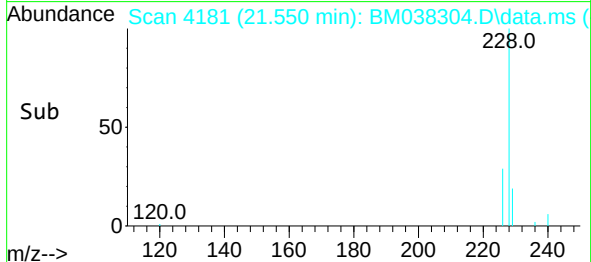
Instrument :
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DBYA8DL



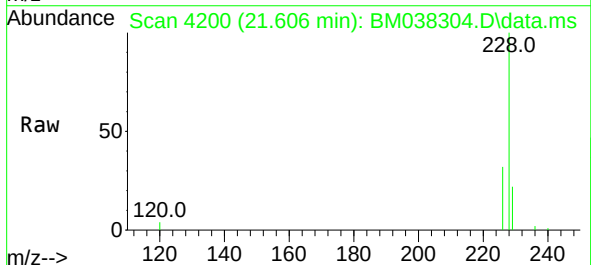
Tgt Ion:228 Resp: 12830
Ion Ratio Lower Upper
228 100
229 21.0 15.5 23.3
226 29.5 22.2 33.2

Manual Integrations
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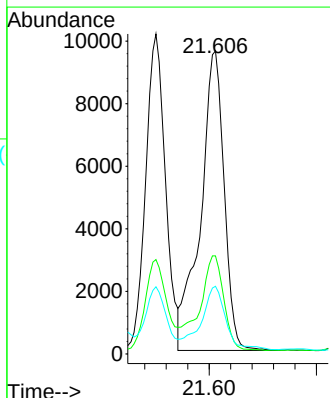
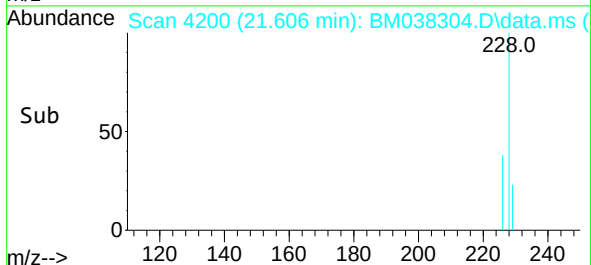
Reviewed By :Yogesh Patel 12/26/2022
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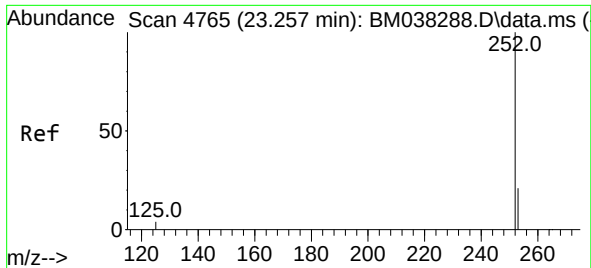


#22
Chrysene
Concen: 0.564 ng/u1
RT: 21.606 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM038304.D
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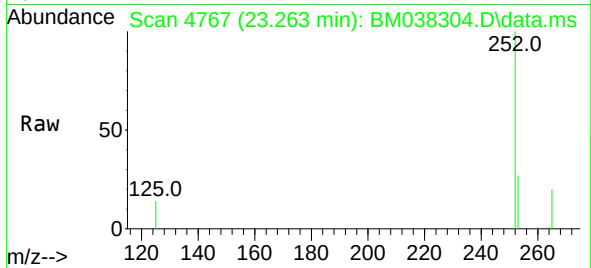
Tgt Ion:228 Resp: 14619
Ion Ratio Lower Upper
228 100
226 32.3 25.0 37.4
229 22.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.882 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

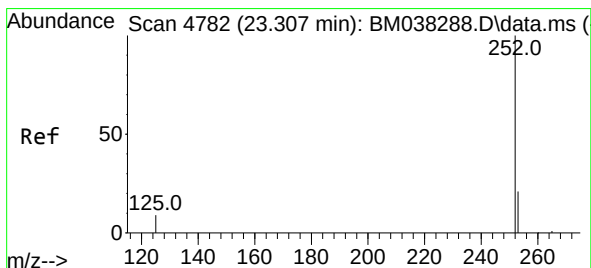
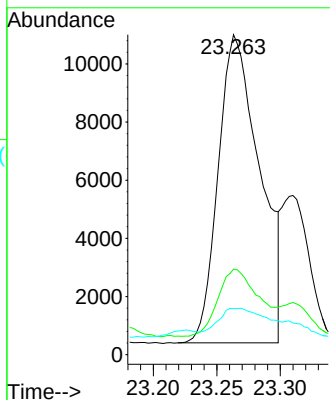
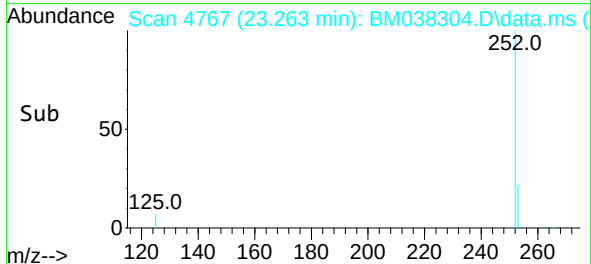
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Tgt Ion:252 Resp: 24130
Ion Ratio Lower Upper
252 100
253 26.7 0.0 56.0
125 14.4 0.0 36.6

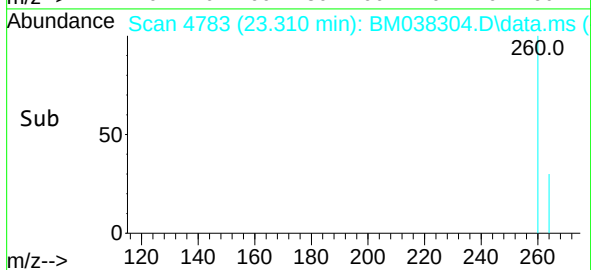
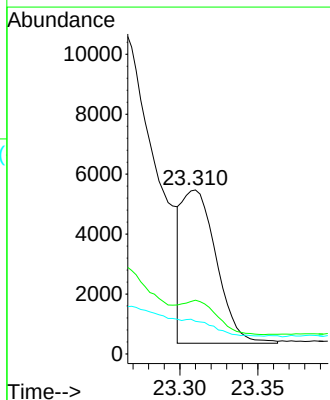
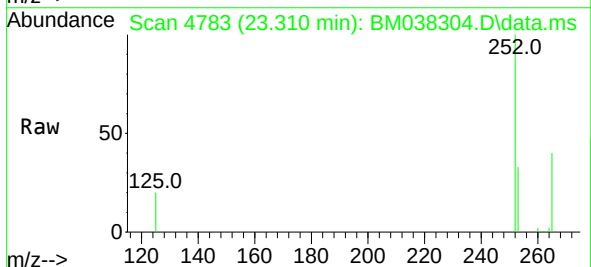
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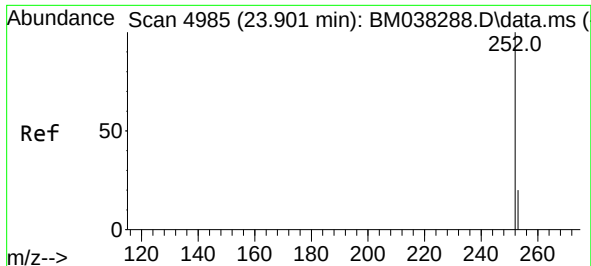
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul m
RT: 23.310 min Scan# 4783
Delta R.T. -0.003 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

Tgt Ion:252 Resp: 7880
Ion Ratio Lower Upper
252 100
253 32.8 22.5 33.7
125 19.9 14.4 21.6





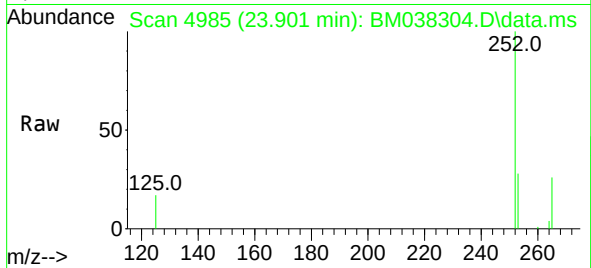
#26
Benzo(a)pyrene
Concen: 0.687 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

Instrument :

BNA_M

ClientSampleId :

DBYA8DL

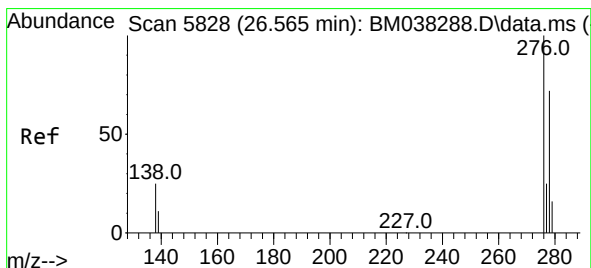
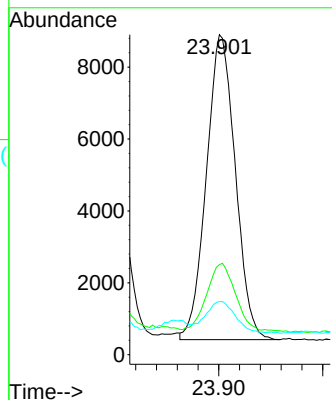
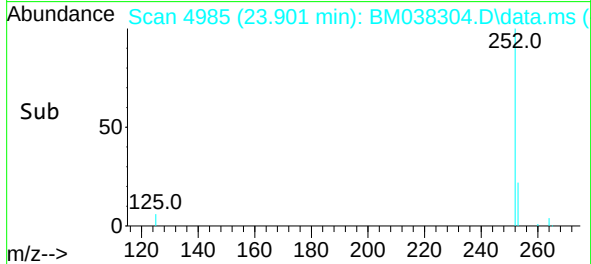


Tgt Ion:252 Resp: 16380
Ion Ratio Lower Upper
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253 28.1 24.2 36.4
125 16.6 17.3 25.9

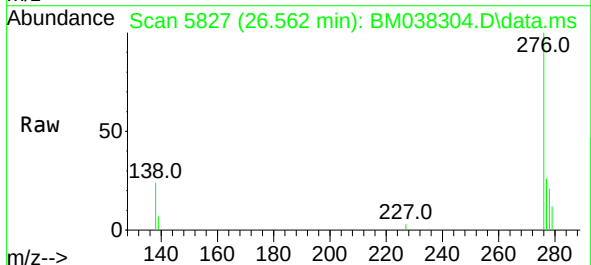
Manual Integrations

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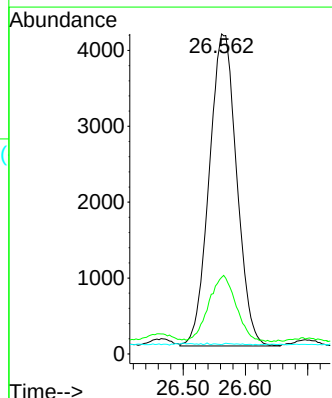
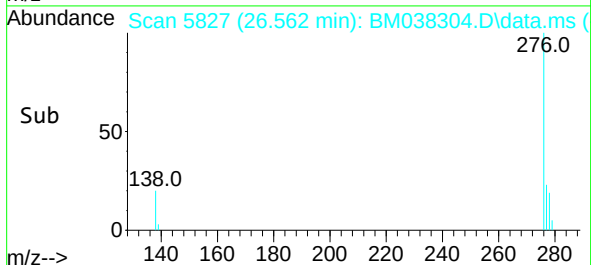
Reviewed By :Yogesh Patel 12/26/2022
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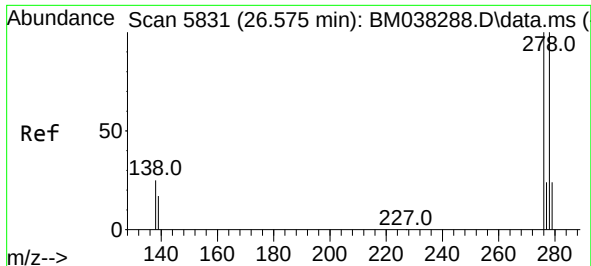


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51



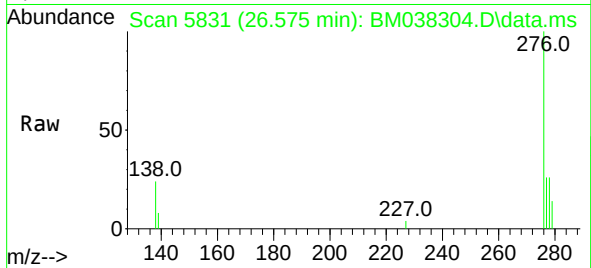
Tgt Ion:276 Resp: 12617
Ion Ratio Lower Upper
276 100
138 21.2 21.7 32.5#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51

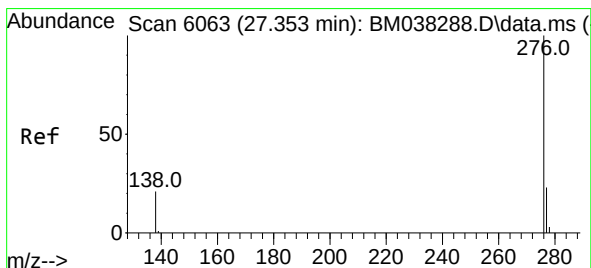
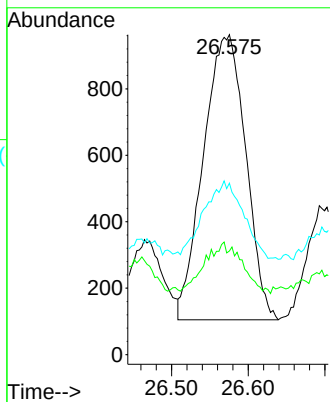
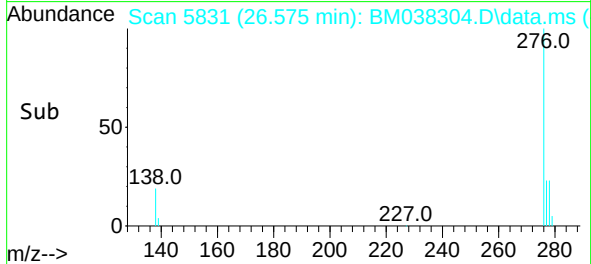
Instrument :
BNA_M
ClientSampleId :
DBYA8DL



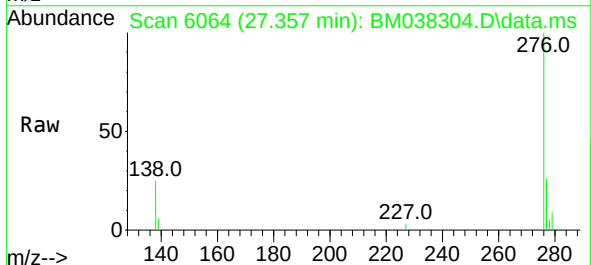
Tgt Ion:278 Resp: 328
Ion Ratio Lower Upper
278 100
139 32.4 16.8 25.2
279 53.6 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038304.D
Acq: 25 Dec 2022 11:51



Tgt Ion:276 Resp: 11534
Ion Ratio Lower Upper
276 100
138 25.3 20.8 31.2
277 26.3 20.5 30.7

