

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038259.D
 Acq On : 24 Dec 2022 07:45
 Operator : CG/JU
 Sample : N6015-16DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:54:23 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	8.030	152	4717	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	14164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	8117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	16259	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	10516	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	10779	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4499	0.938	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1275	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	2389	0.061	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.895	128	5105	0.123	ng/ul	97
7) 2-Methylnaphthalene	12.495	142	1019	0.039	ng/ul	99
10) Acenaphthylene	14.379	152	6891	0.154	ng/ul	98
11) Acenaphthene	14.722	153	824	0.026	ng/ul	95
12) Fluorene	15.702	166	904	0.026	ng/ul#	91
15) Phenanthrene	17.438	178	18850	0.346	ng/ul	99
16) Anthracene	17.531	178	5525	0.106	ng/ul	96
19) Fluoranthene	19.445	202	60296	1.047	ng/ul	100
20) Pyrene	19.808	202	47920m	0.823	ng/ul	
21) Benzo(a)anthracene	21.550	228	29656	0.643	ng/ul	96
22) Chrysene	21.606	228	29762	0.663	ng/ul	97
24) Benzo(b)fluoranthene	23.266	252	46109	0.966	ng/ul	94
25) Benzo(k)fluoranthene	23.313	252	12515m	0.273	ng/ul	
26) Benzo(a)pyrene	23.904	252	29155	0.700	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.569	276	22358	0.387	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.579	278	5561	0.124	ng/ul#	70
29) Benzo(g,h,i)perylene	27.360	276	22205	0.457	ng/ul	99

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

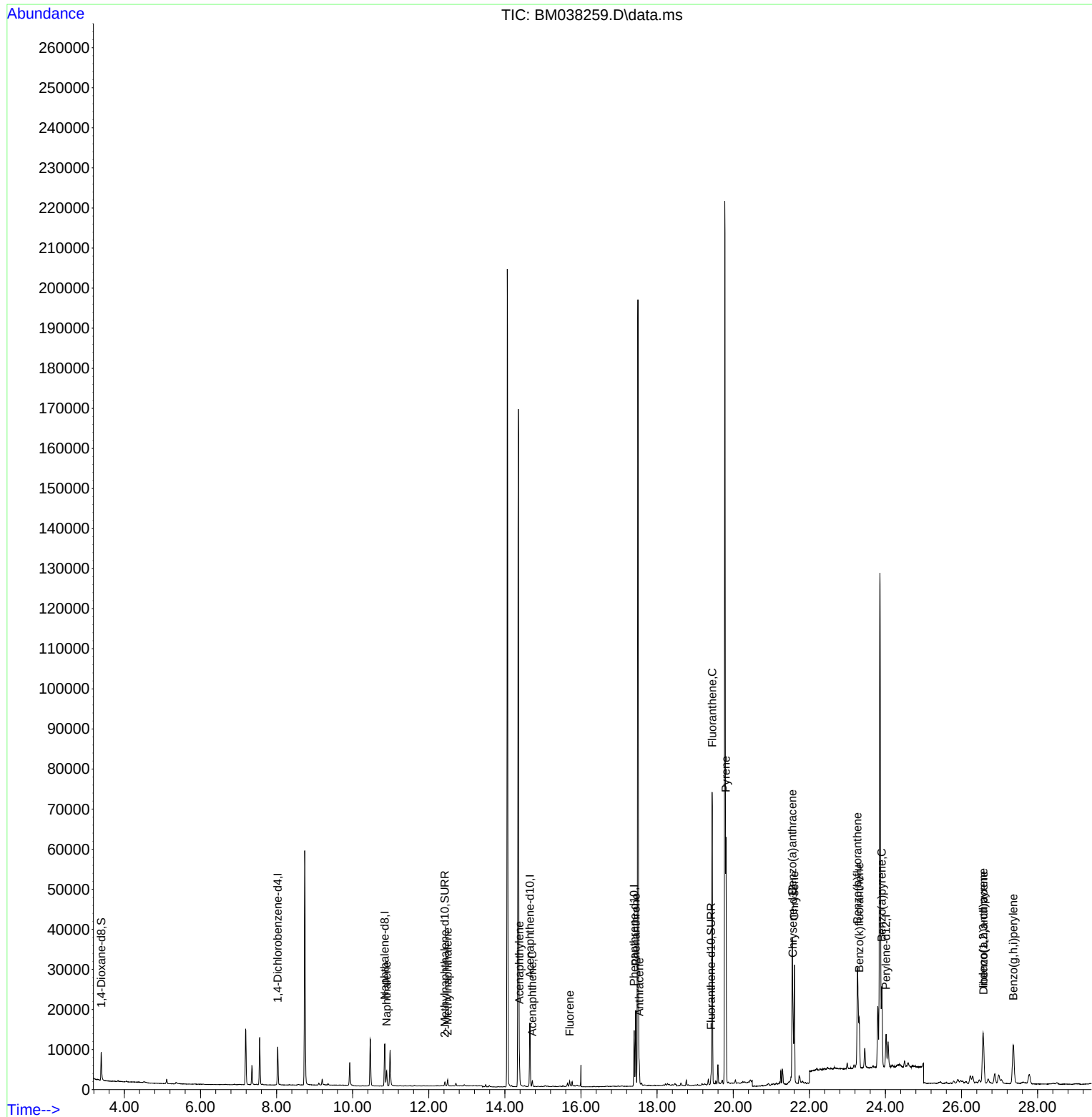
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038259.D
Acq On : 24 Dec 2022 07:45
Operator : CG/JU
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ALS Vial : 67 Sample Multiplier: 1

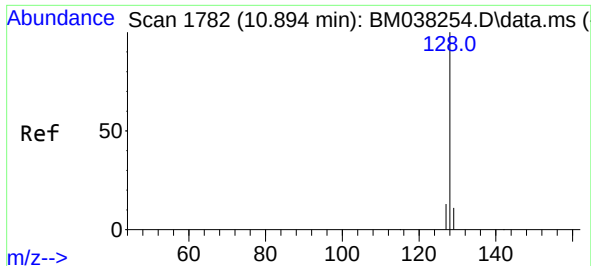
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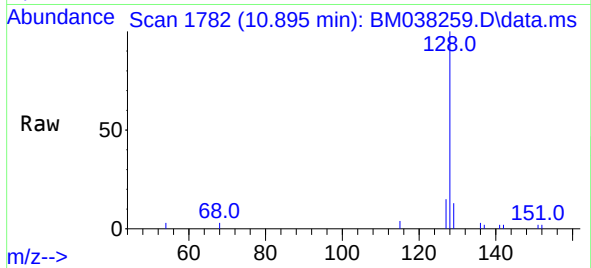
Quant Time: Dec 25 02:54:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.123 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

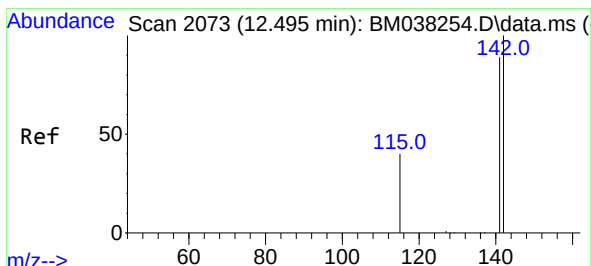
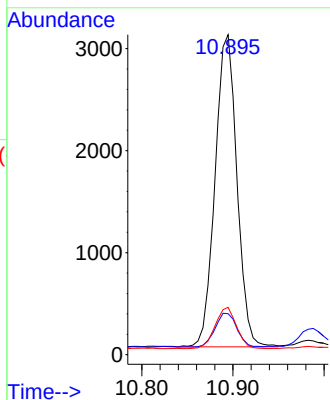
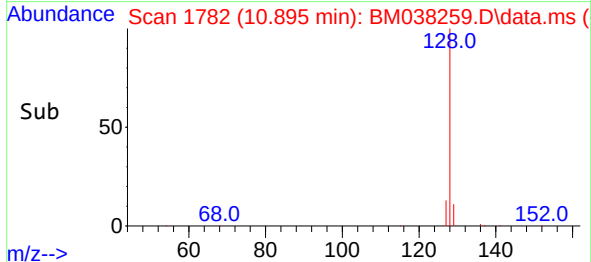
Instrument :
BNA_M
ClientSampleId :
DBXY4DL



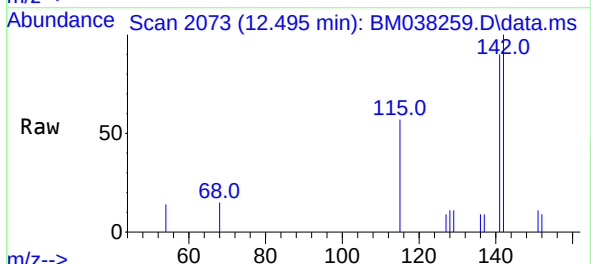
Tgt Ion:128 Resp: 510
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 14.8 10.7 16.1

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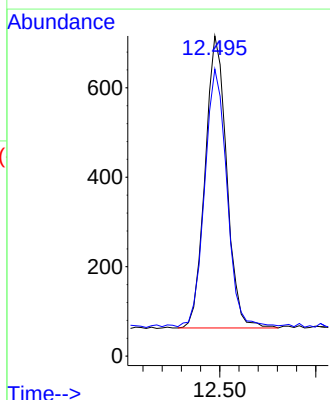
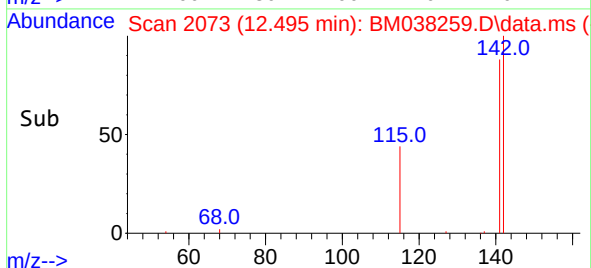
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

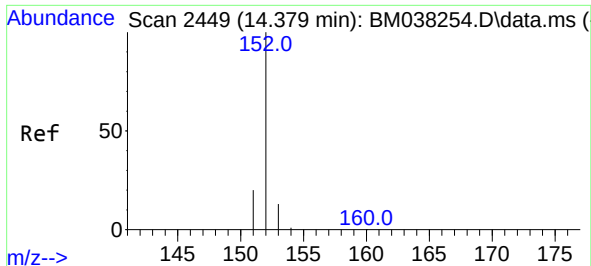


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



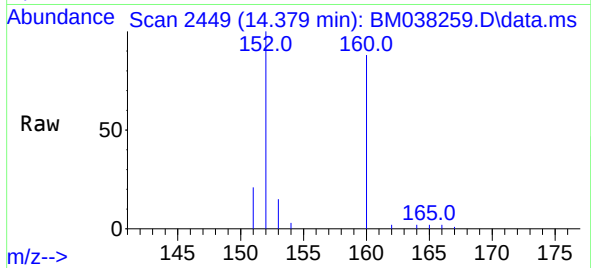
Tgt Ion:142 Resp: 1019
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9





#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

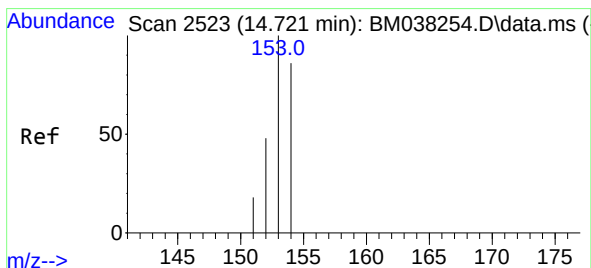
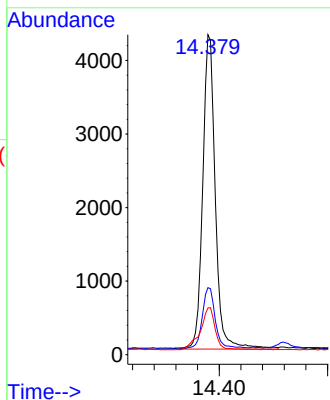
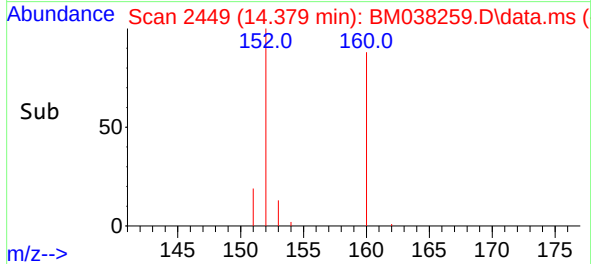
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 689
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.6 10.7 16.1

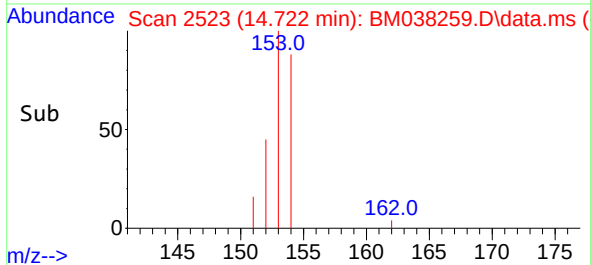
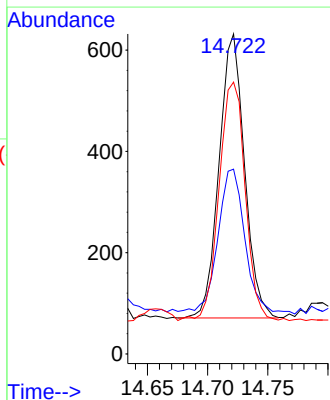
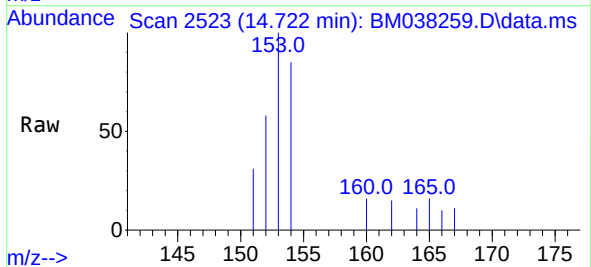
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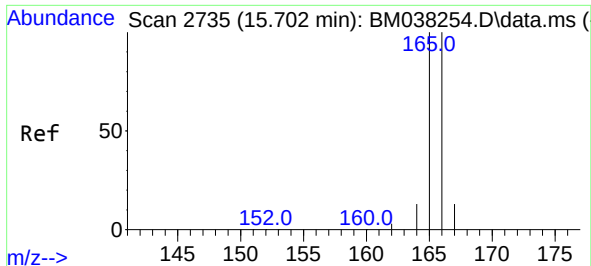
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.722 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

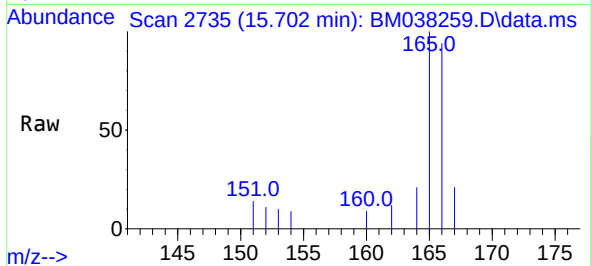
Tgt Ion:153 Resp: 824
Ion Ratio Lower Upper
153 100
152 57.8 39.4 59.0
154 85.0 69.0 103.4





#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.702 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

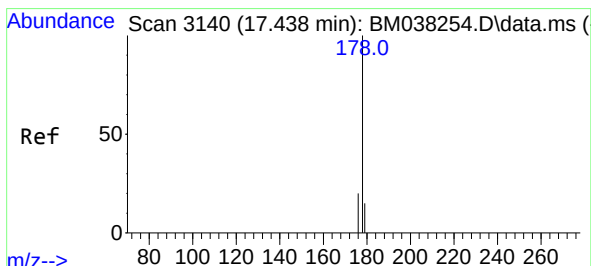
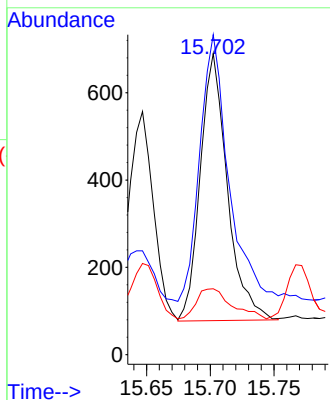
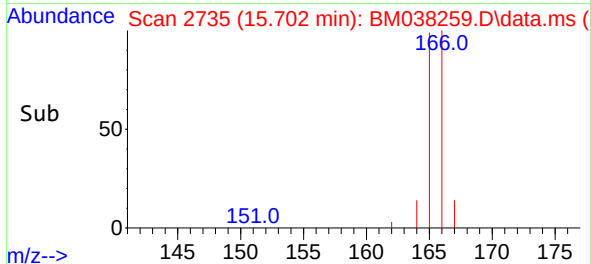
Instrument :
BNA_M
ClientSampleId :
DBXY4DL



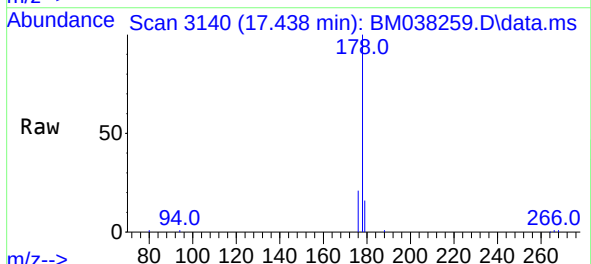
Tgt Ion:166 Resp: 904
Ion Ratio Lower Upper
166 100
165 106.2 79.0 118.6
167 21.9 11.0 16.6

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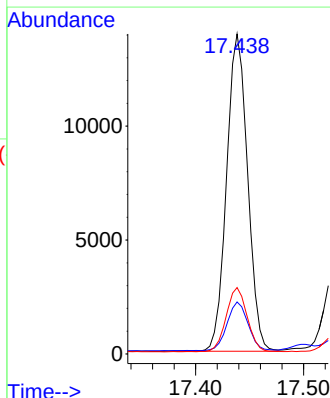
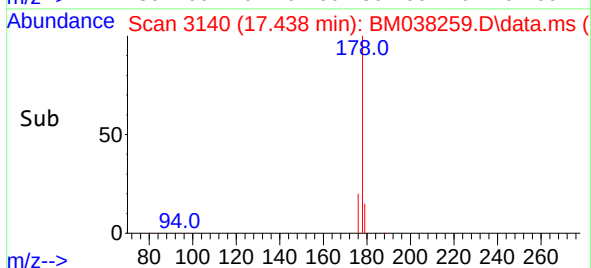
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Supervised By :Yogesh Patel 12/25/2022

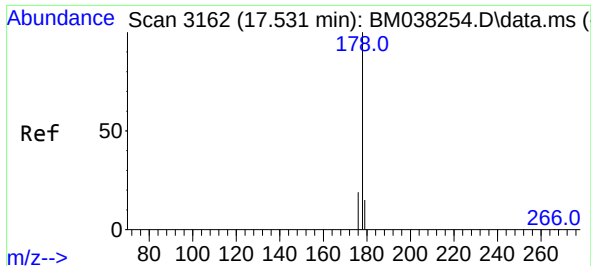


#15
Phenanthrene
Concen: 0.346 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



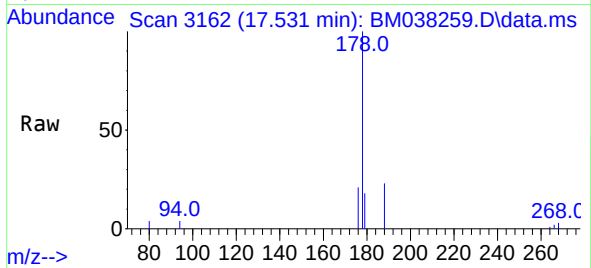
Tgt Ion:178 Resp: 18850
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.7 16.2 24.4





#16
 Anthracene
 Concen: 0.106 ng/u1
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038259.D
 Acq: 24 Dec 2022 07:45

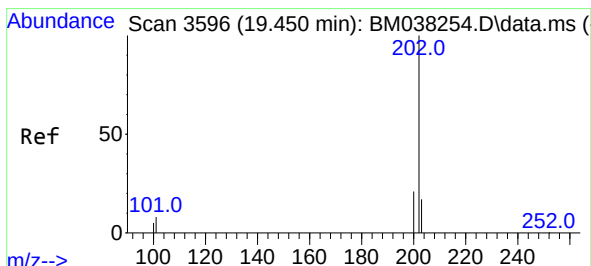
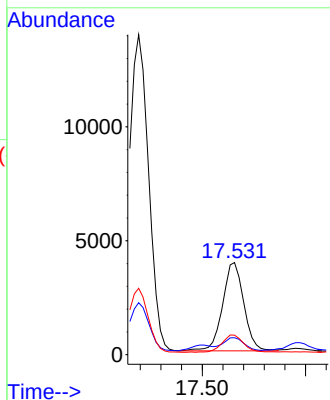
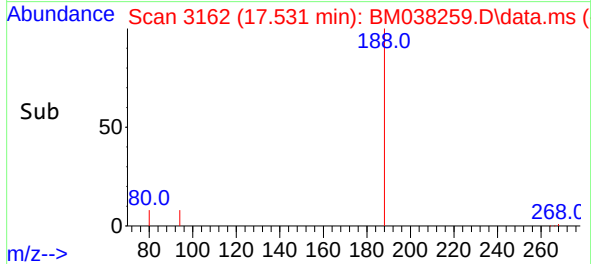
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 ClientSampleId :
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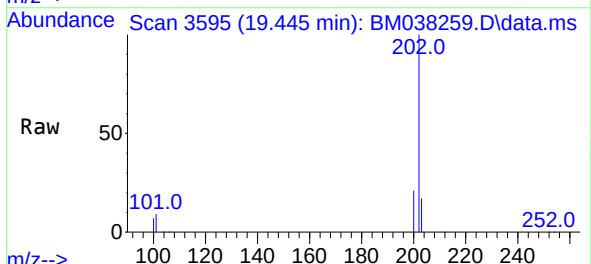
Tgt Ion:178 Resp: 5529
 Ion Ratio Lower Upper
 178 100
 179 18.4 13.0 19.6
 176 21.1 15.6 23.4

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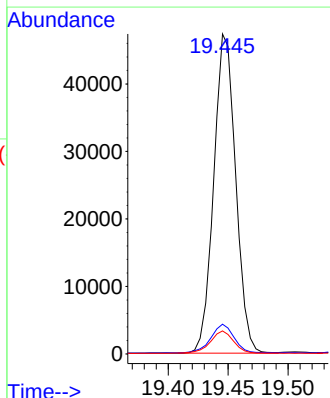
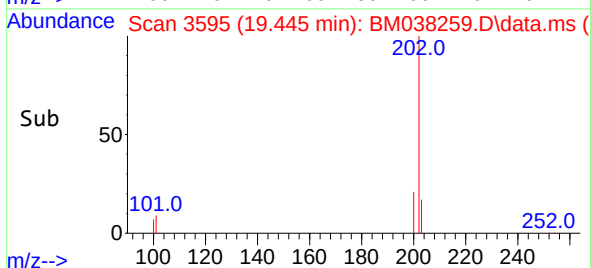
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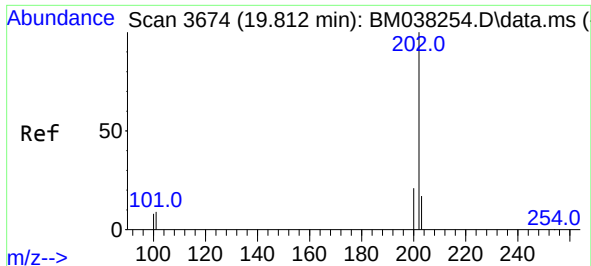


#19
 Fluoranthene
 Concen: 1.047 ng/u1
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038259.D
 Acq: 24 Dec 2022 07:45



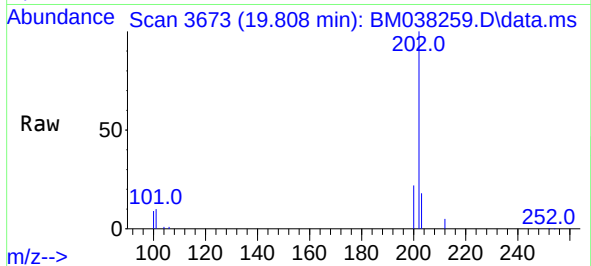
Tgt Ion:202 Resp: 60296
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.5 11.3
 100 7.2 5.6 8.4





#20
Pyrene
Concen: 0.823 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

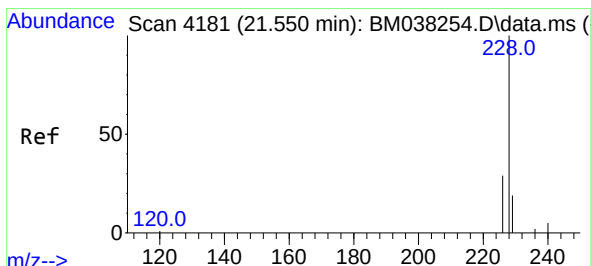
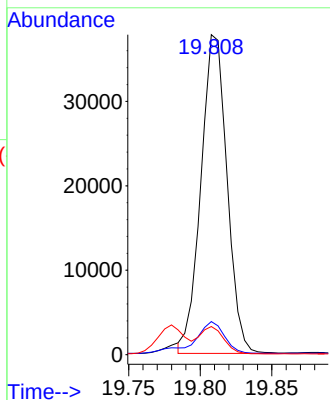
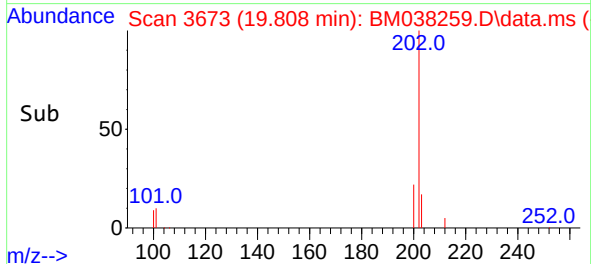
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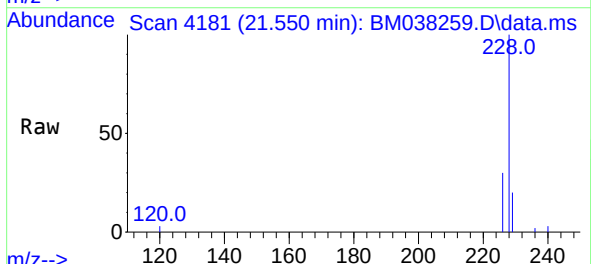
Tgt Ion:202 Resp: 47920
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.8 7.4 11.0

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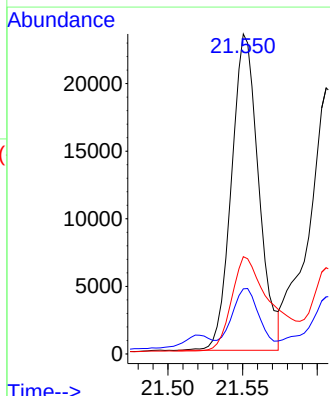
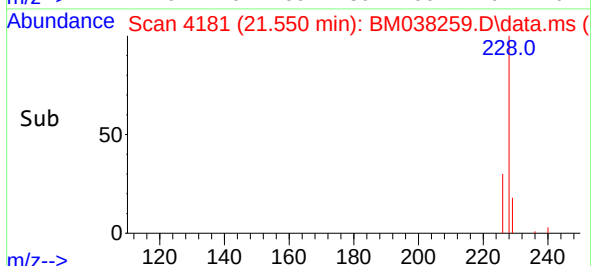
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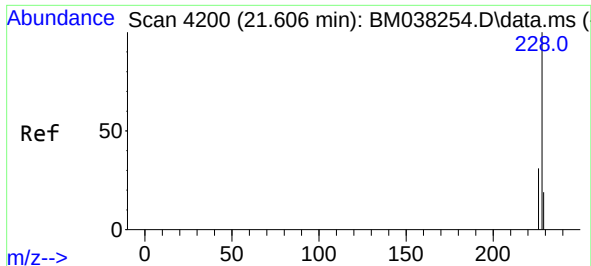


#21
Benzo(a)anthracene
Concen: 0.643 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



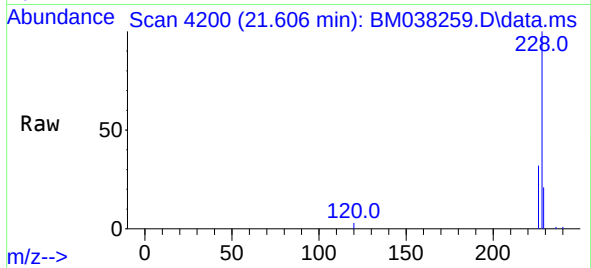
Tgt Ion:228 Resp: 29656
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 30.4 22.2 33.2





#22
Chrysene
Concen: 0.663 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

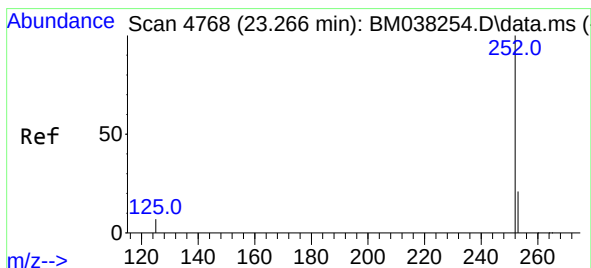
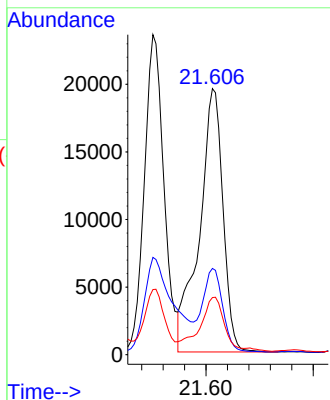
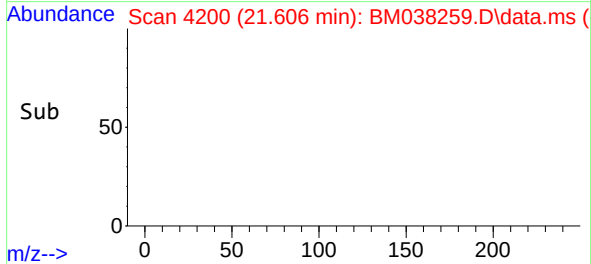
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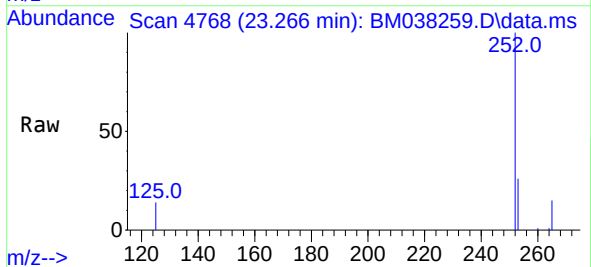
Tgt Ion:228 Resp: 29762
Ion Ratio Lower Upper
228 100
226 32.4 25.0 37.4
229 21.5 16.0 24.0

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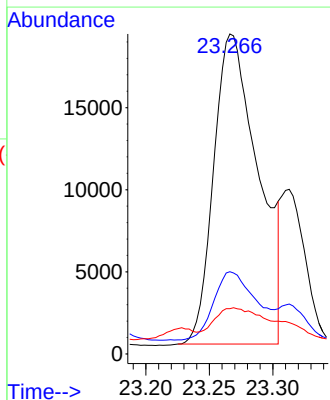
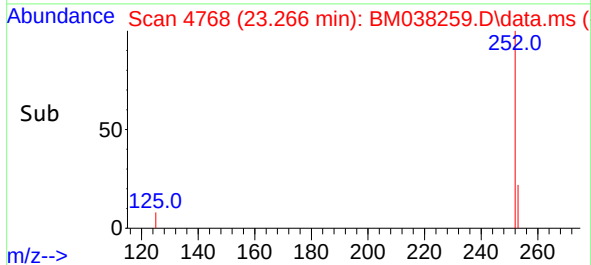
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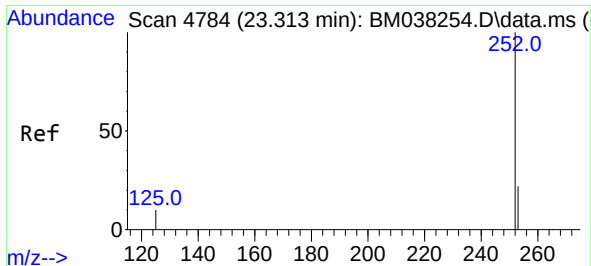


#24
Benzo(b)fluoranthene
Concen: 0.966 ng/u1
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



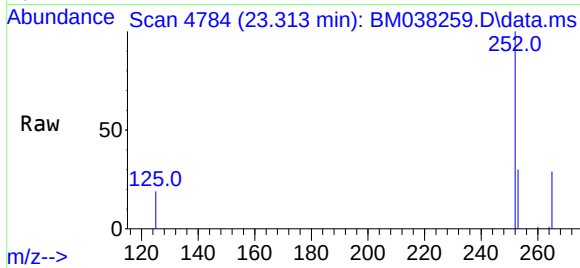
Tgt Ion:252 Resp: 46109
Ion Ratio Lower Upper
252 100
253 25.7 0.0 56.0
125 14.1 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

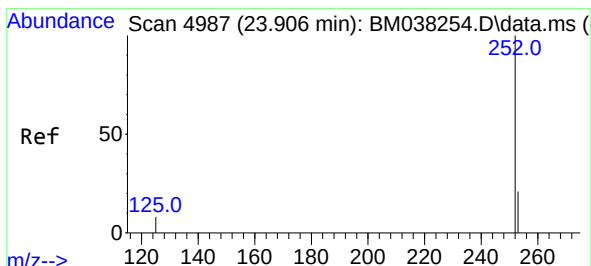
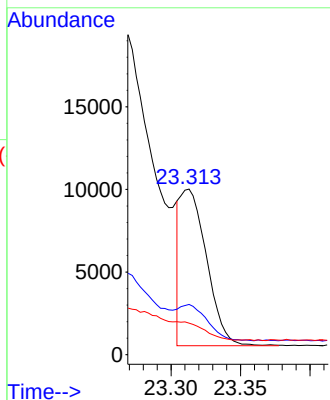
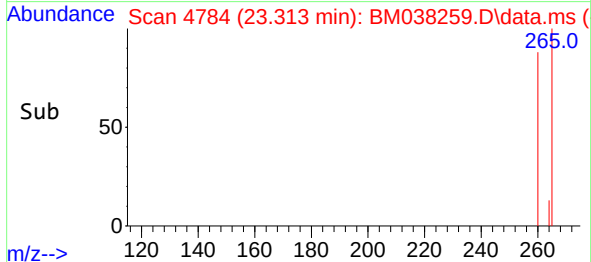
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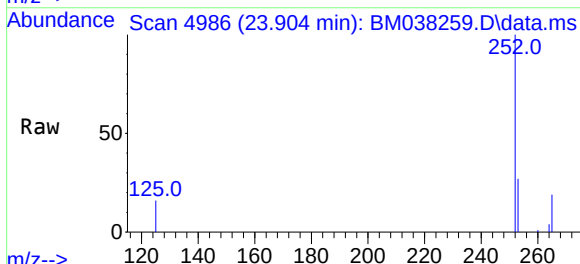
Tgt Ion:252 Resp: 12515
Ion Ratio Lower Upper
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253 30.3 22.5 33.7
125 19.0 14.4 21.6

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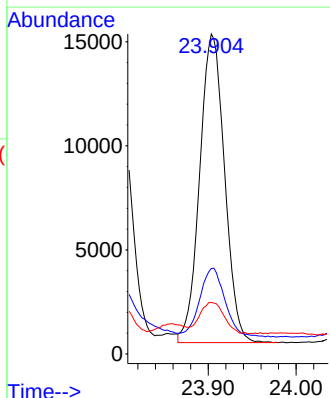
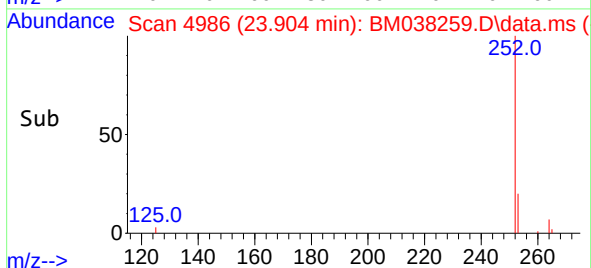
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Supervised By :Yogesh Patel 12/25/2022

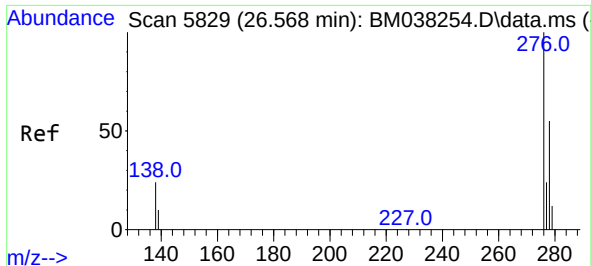


#26
Benzo(a)pyrene
Concen: 0.700 ng/ul
RT: 23.904 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



Tgt Ion:252 Resp: 29155
Ion Ratio Lower Upper
252 100
253 26.7 24.2 36.4
125 16.1 17.3 25.9#





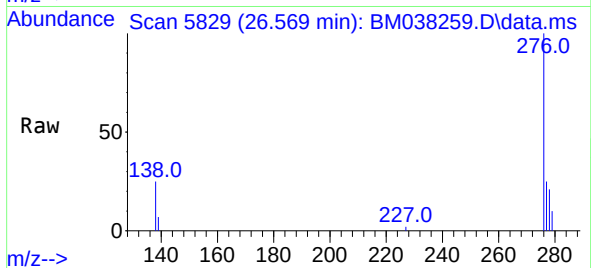
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :

BNA_M

ClientSampleId :

DBXY4DL

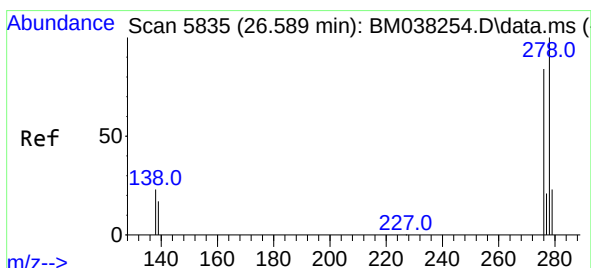
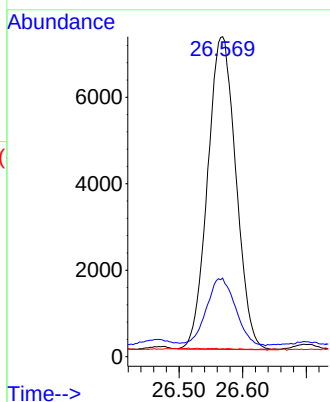
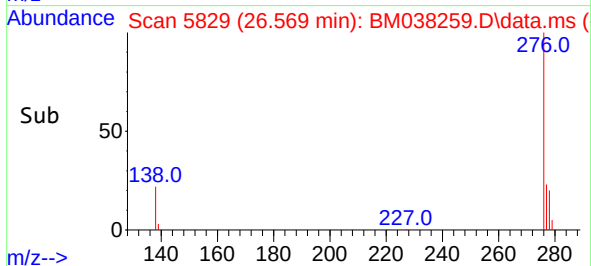


Tgt Ion:276 Resp: 22358
Ion Ratio Lower Upper
276 100
138 22.2 21.7 32.5
227 0.1 0.0 0.0

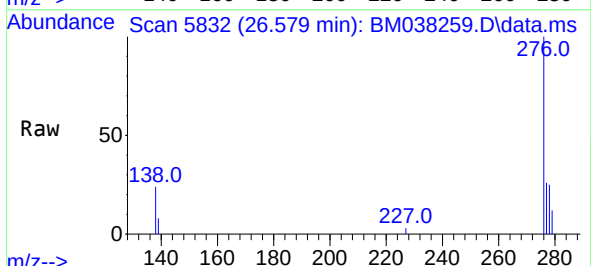
Manual Integrations

APPROVED

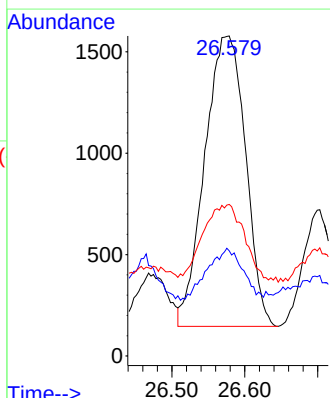
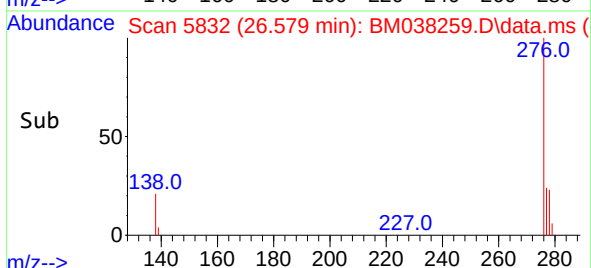
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

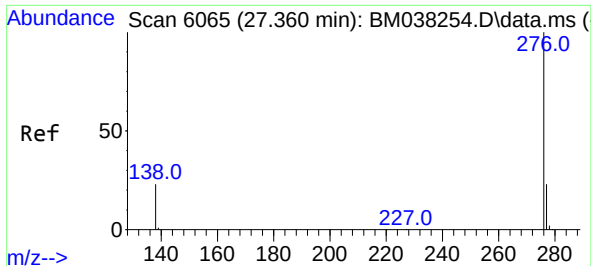


#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.010 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45



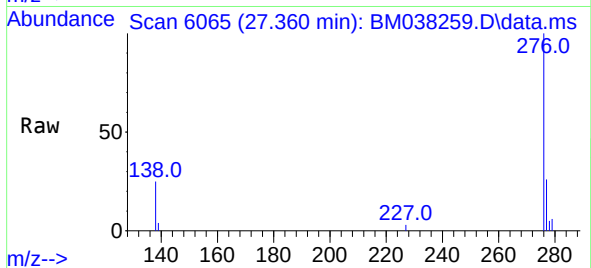
Tgt Ion:278 Resp: 5561
Ion Ratio Lower Upper
278 100
139 32.9 16.8 25.2#
279 47.3 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 27.360 min Scan# 6065
Delta R.T. 0.000 min
Lab File: BM038259.D
Acq: 24 Dec 2022 07:45

Instrument :
BNA_M
ClientSampleId :
DBXY4DL



Tgt Ion: 276 Resp: 2220

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.8	31.2
277	25.7	20.5	30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

