

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038256.D
 Acq On : 24 Dec 2022 05:57
 Operator : CG/JU
 Sample : N6015-10
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXU7

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:53:54 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	4060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12335	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	14277	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	9719	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	9471	0.400	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	19834	4.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	5989	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	11660	0.320	ng/ul	0.00

Target Compounds						Qvalue
5) Naphthalene	10.895	128	19324	0.535	ng/ul	100
7) 2-Methylnaphthalene	12.495	142	3990	0.177	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	1421	0.062	ng/ul	96
10) Acenaphthylene	14.384	152	15327	0.392	ng/ul	99
11) Acenaphthene	14.722	153	1554	0.056	ng/ul	95
12) Fluorene	15.702	166	1621	0.054	ng/ul#	95
15) Phenanthrene	17.438	178	38779	0.812	ng/ul	99
16) Anthracene	17.531	178	12944	0.282	ng/ul	99
19) Fluoranthene	19.450	202	110388	2.073	ng/ul	98
20) Pyrene	19.812	202	86331m	1.605	ng/ul	
21) Benzo(a)anthracene	21.550	228	58160	1.364	ng/ul	97
22) Chrysene	21.606	228	58157	1.402	ng/ul	98
24) Benzo(b)fluoranthene	23.266	252	100404	2.395	ng/ul	89
25) Benzo(k)fluoranthene	23.313	252	26915m	0.668	ng/ul	
26) Benzo(a)pyrene	23.909	252	59683	1.632	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.565	276	48878	0.963	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.575	278	12004	0.305	ng/ul	92
29) Benzo(g,h,i)perylene	27.360	276	47681	1.117	ng/ul	97

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

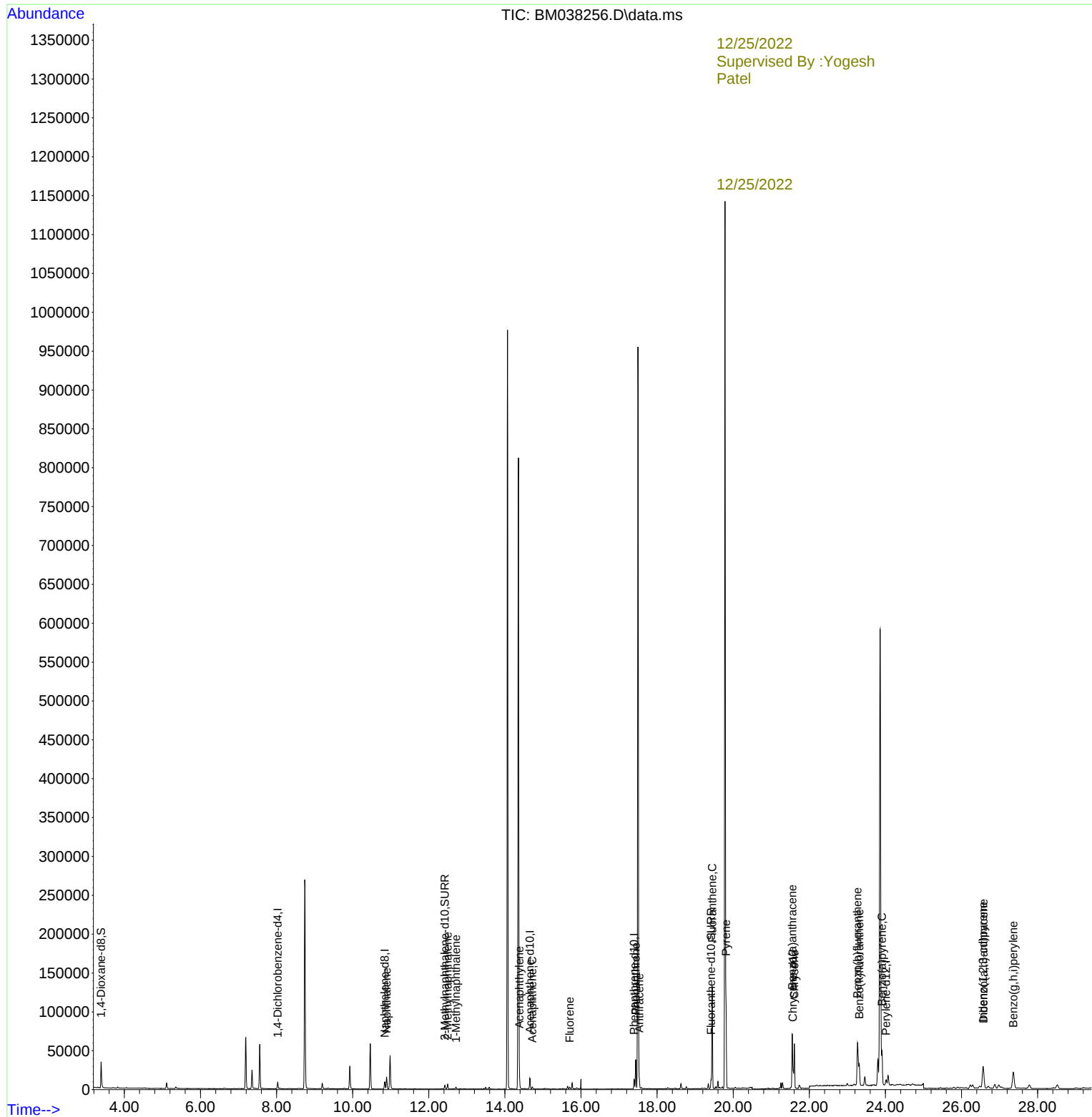
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038256.D
Acq On : 24 Dec 2022 05:57
Operator : CG/JU
Sample : N6015-10
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ALS Vial : 64 Sample Multiplier: 1

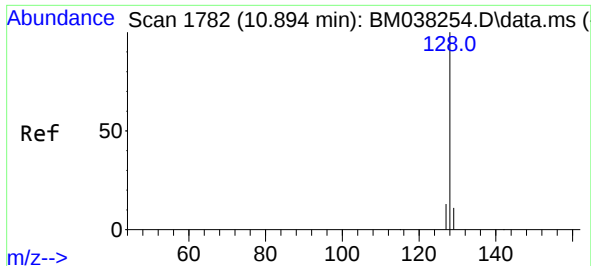
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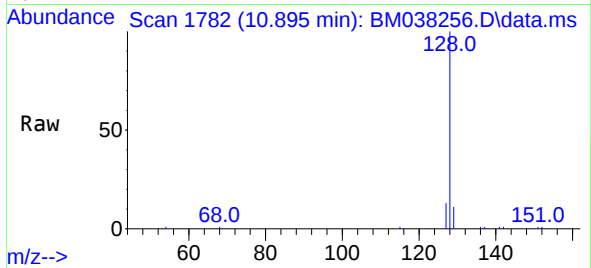
Quant Time: Dec 25 02:53:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.535 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

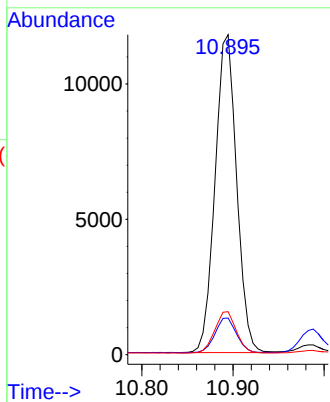
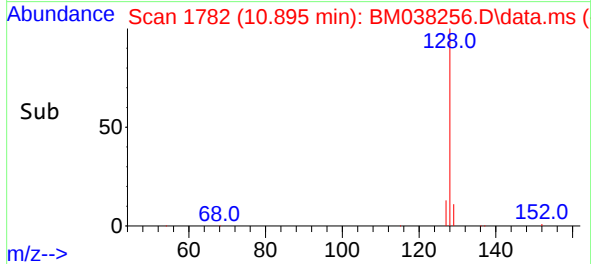
Instrument :
BNA_M
ClientSampleId :
DBXU7



Tgt Ion:128 Resp: 19324
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 10.7 16.1

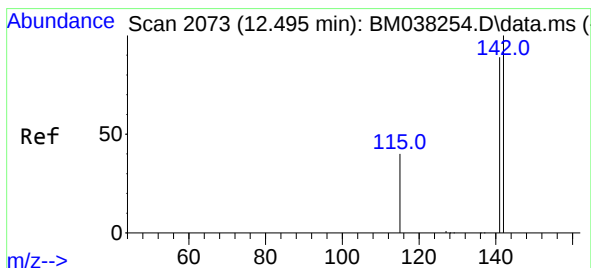
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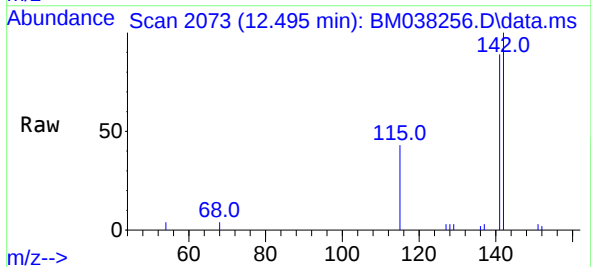


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Supervised By :Yogesh
Patel

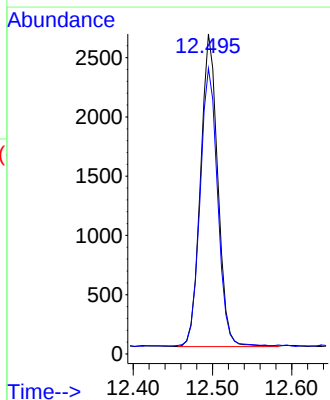
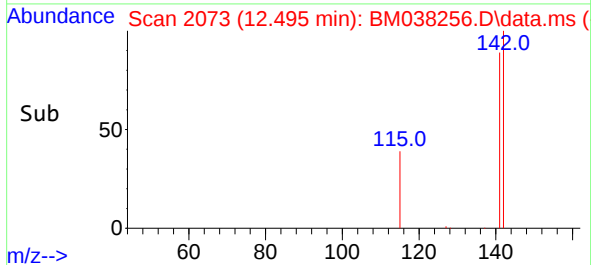
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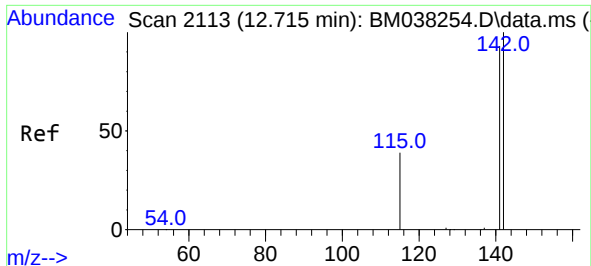


#7
2-Methylnaphthalene
Concen: 0.177 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



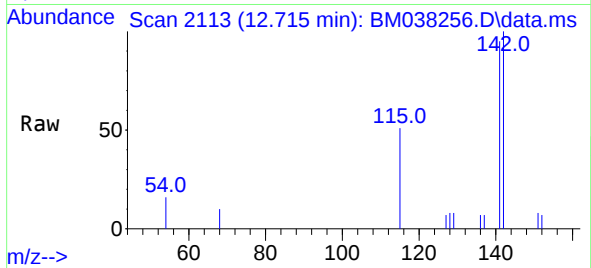
Tgt Ion:142 Resp: 3990
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

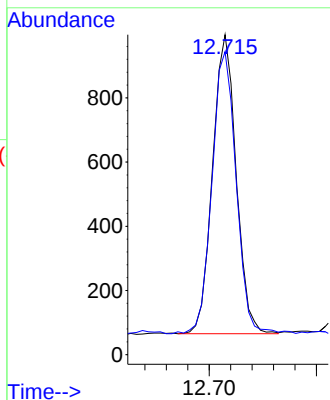
Instrument :
BNA_M
ClientSampleId :
DBXU7



Tgt Ion:142 Resp: 142
Ion Ratio Lower Upper
142 100
141 96.8 74.7 112.1

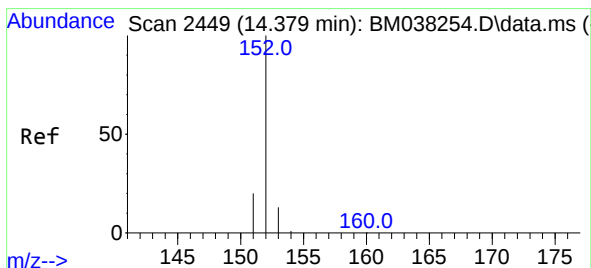
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Supervised By :Yogesh Patel 12/25/2022

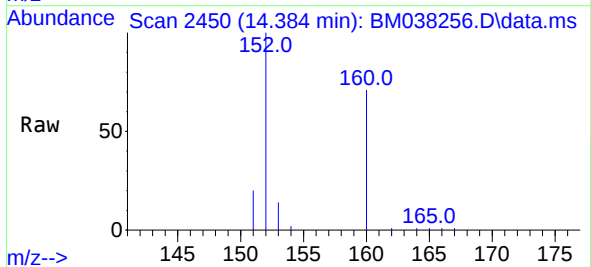


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Patel

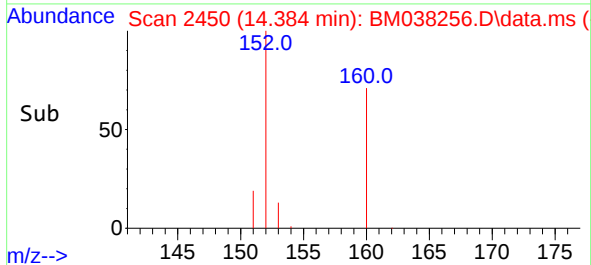
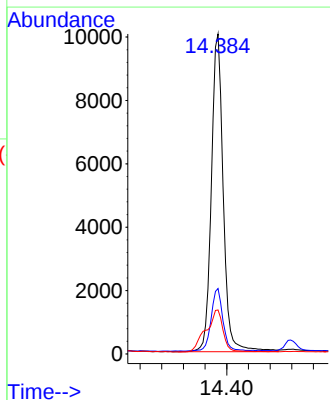
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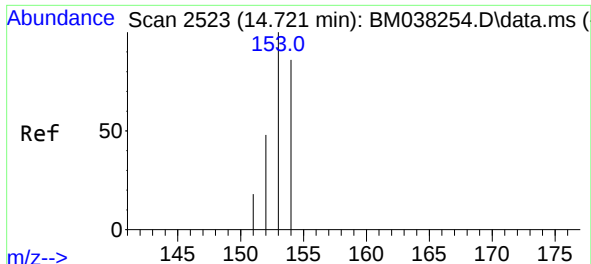


#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



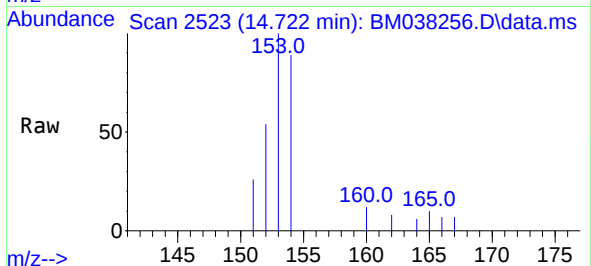
Tgt Ion:152 Resp: 15327
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.8 10.7 16.1





#11
Acenaphthene
Concen: 0.056 ng/u1
RT: 14.722 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

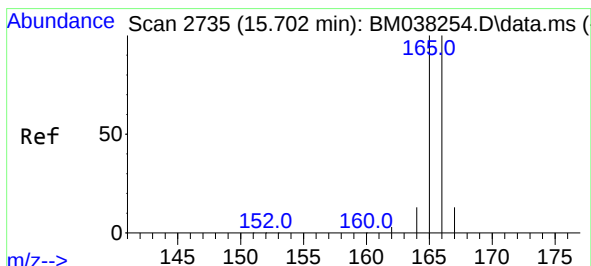
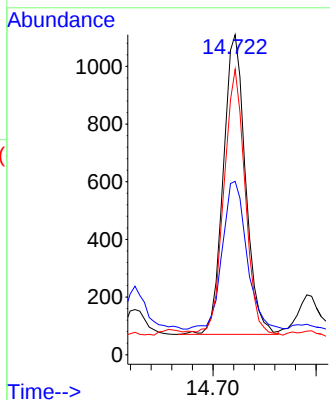
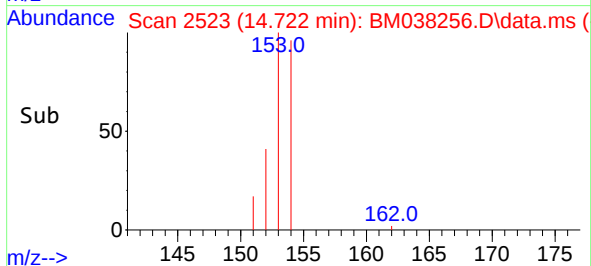
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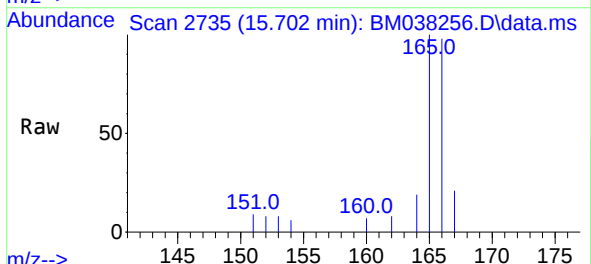
Tgt Ion:153 Resp: 1554
Ion Ratio Lower Upper
153 100
152 54.1 39.4 59.0
154 89.2 69.0 103.4

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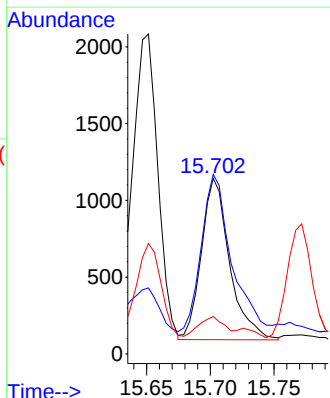
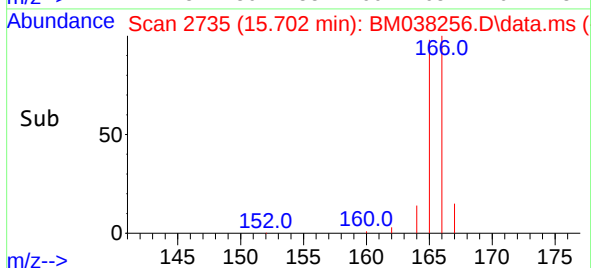
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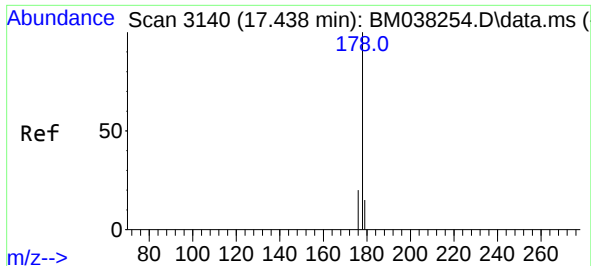


#12
Fluorene
Concen: 0.054 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



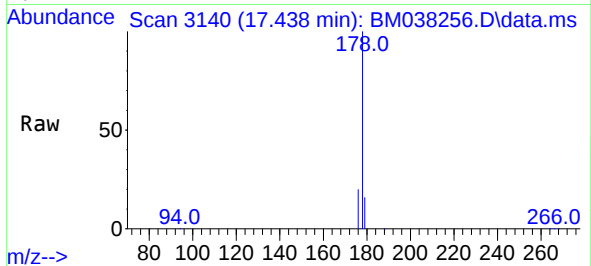
Tgt Ion:166 Resp: 1621
Ion Ratio Lower Upper
166 100
165 102.3 79.0 118.6
167 21.3 11.0 16.6#





#15
Phenanthrene
Concen: 0.812 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

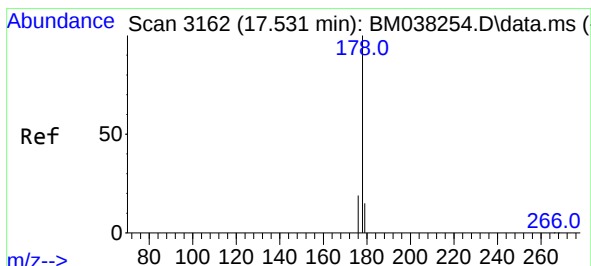
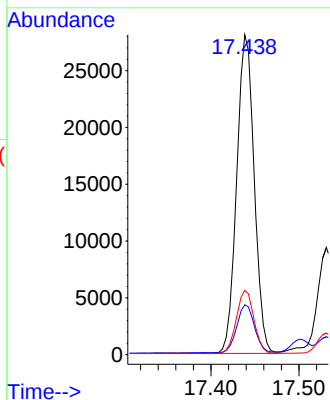
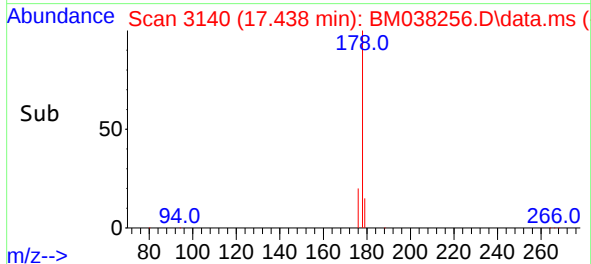
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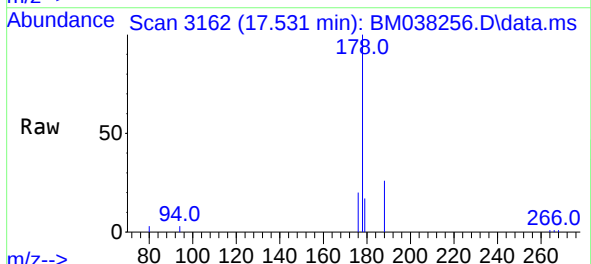
Tgt Ion:178 Resp: 38779
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 20.1 16.2 24.4

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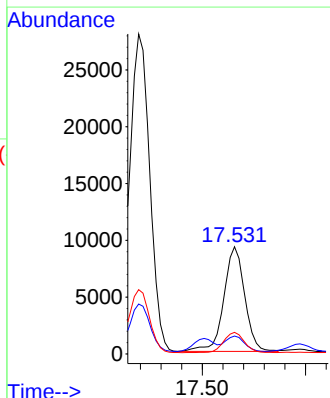
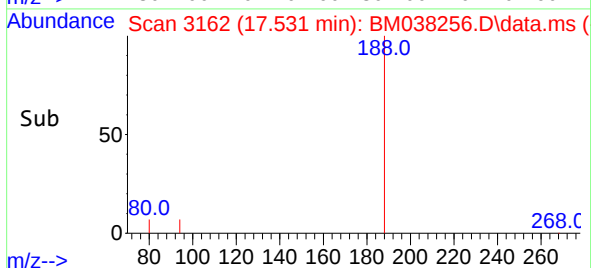
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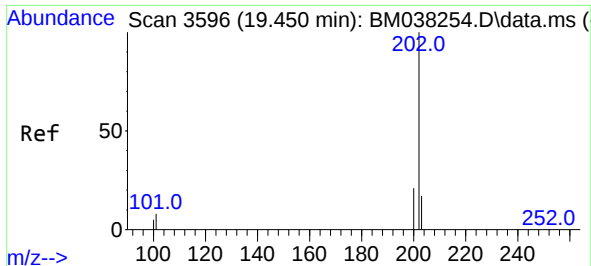


#16
Anthracene
Concen: 0.282 ng/u1
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



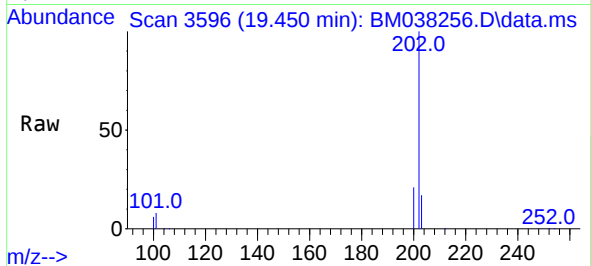
Tgt Ion:178 Resp: 12944
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.2 15.6 23.4





#19
Fluoranthene
Concen: 2.073 ng/u1
RT: 19.450 min Scan# 3596
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

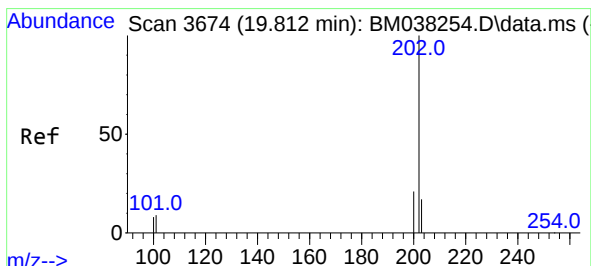
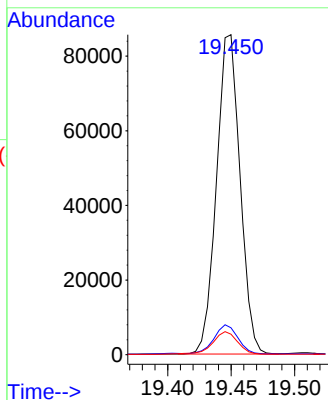
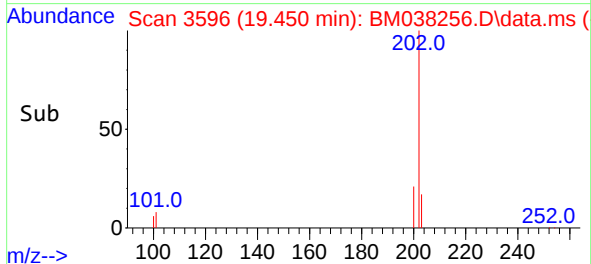
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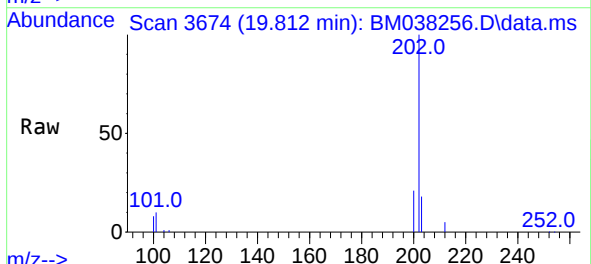
Tgt Ion:202 Resp: 11038
Ion Ratio Lower Upper
202 100
101 8.4 7.5 11.3
100 6.4 5.6 8.4

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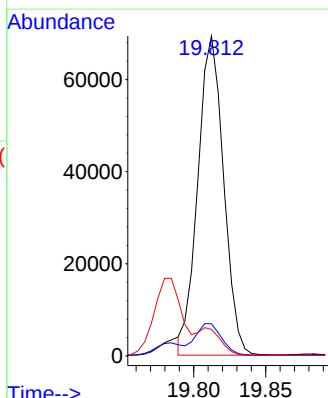
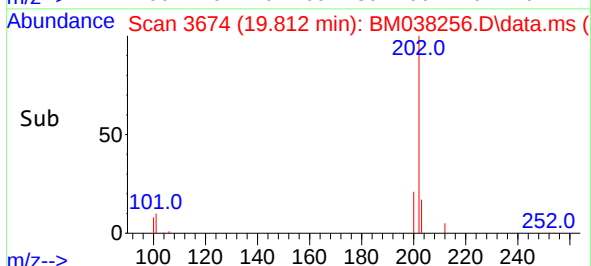
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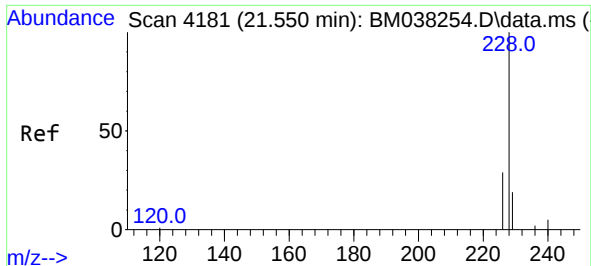


#20
Pyrene
Concen: 1.605 ng/u1 m
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



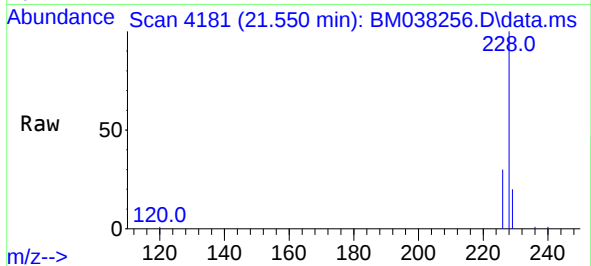
Tgt Ion:202 Resp: 86331
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 8.3 7.4 11.0





#21
Benzo(a)anthracene
Concen: 1.364 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

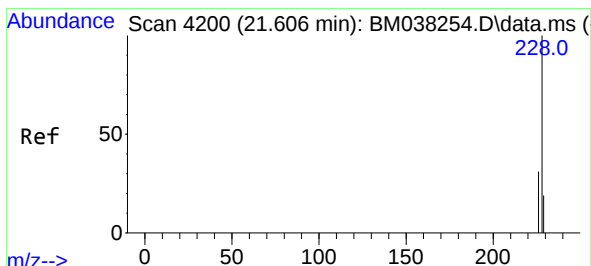
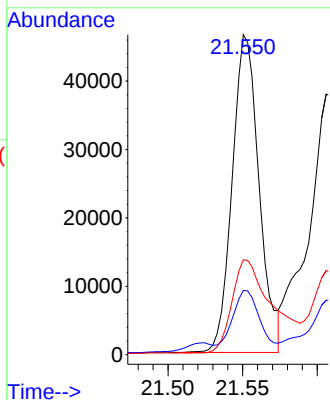
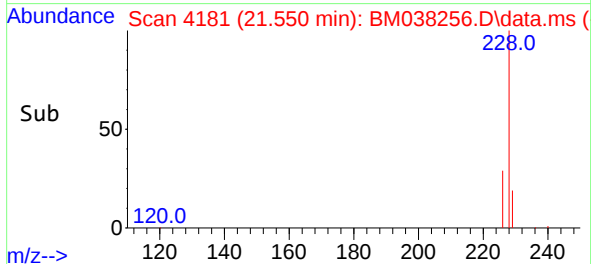
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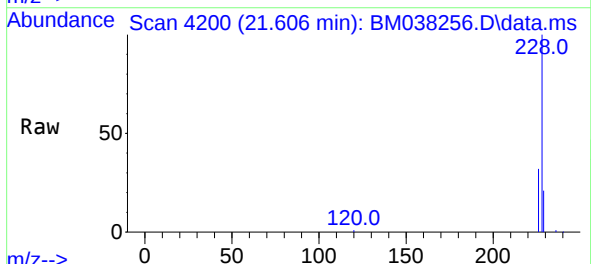
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Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 29.6 22.2 33.2

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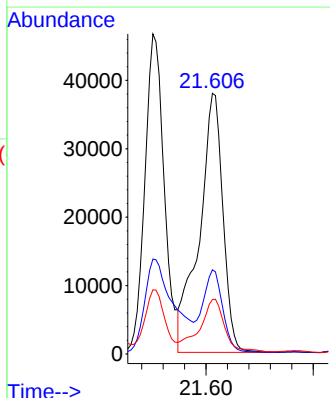
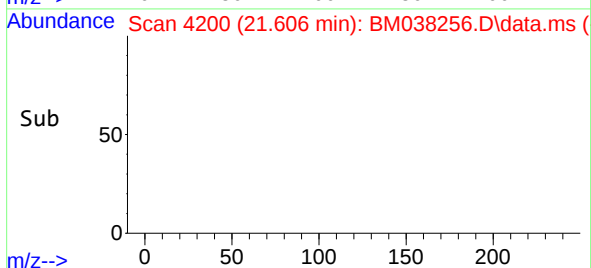
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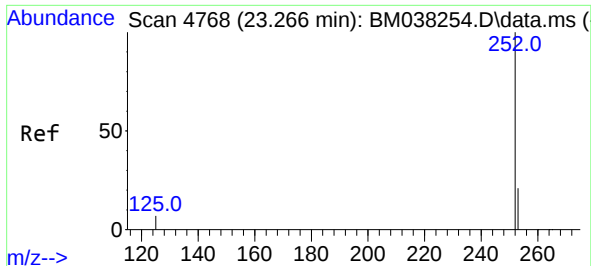


#22
Chrysene
Concen: 1.402 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



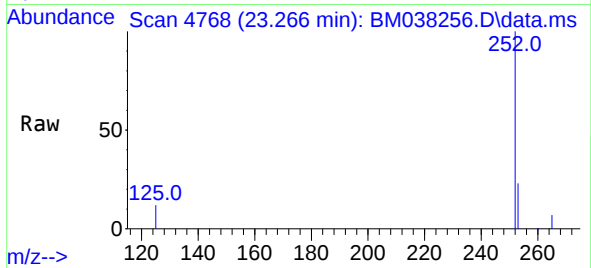
Tgt Ion:228 Resp: 58157
Ion Ratio Lower Upper
228 100
226 32.3 25.0 37.4
229 20.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.395 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

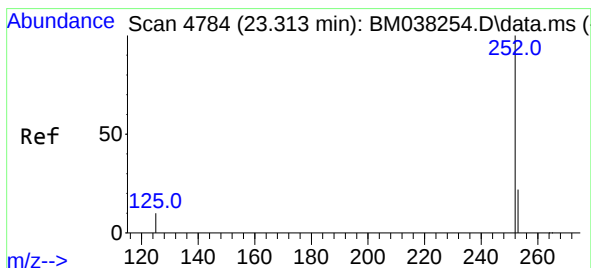
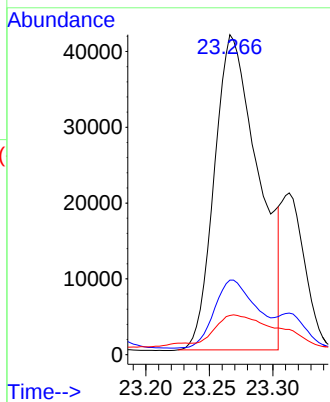
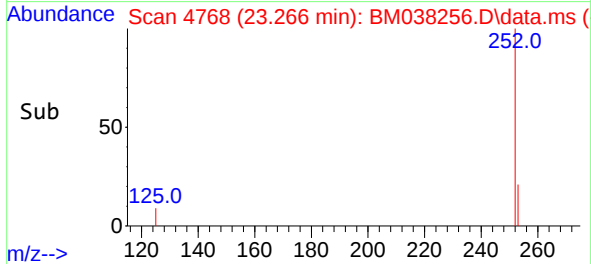
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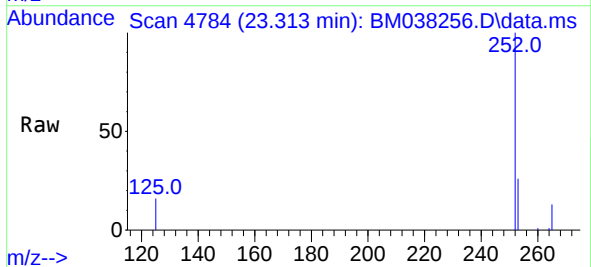
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Ion Ratio Lower Upper
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253 23.3 0.0 56.0
125 12.3 0.0 36.6

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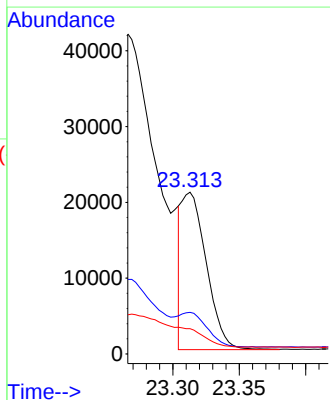
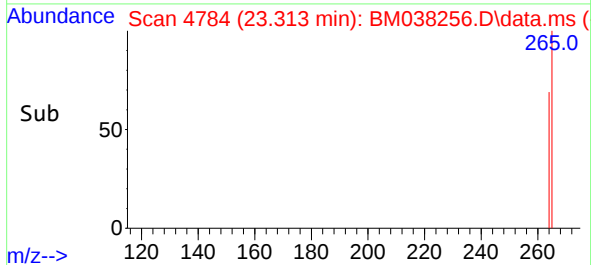
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

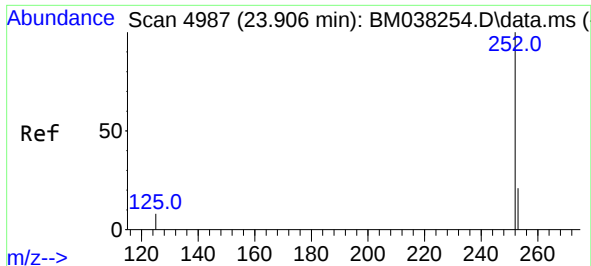


#25
Benzo(k)fluoranthene
Concen: 0.668 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57



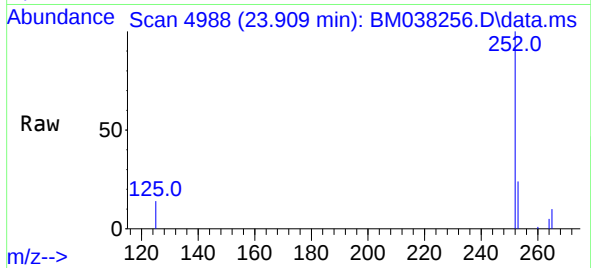
Tgt Ion:252 Resp: 26915
Ion Ratio Lower Upper
252 100
253 25.8 22.5 33.7
125 15.6 14.4 21.6





#26
Benzo(a)pyrene
Concen: 1.632 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

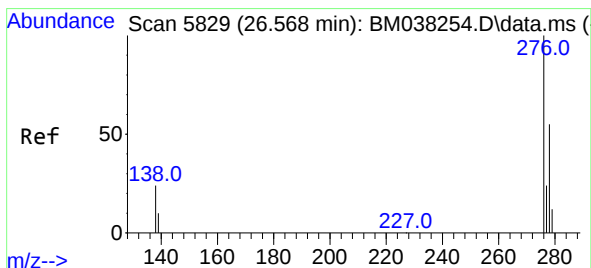
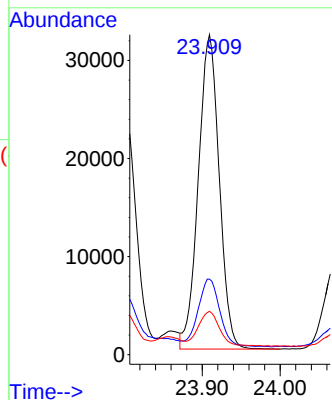
Instrument :
BNA_M
ClientSampleId :
DBXU7



Tgt Ion:252 Resp: 5968
Ion Ratio Lower Upper
252 100
253 23.6 24.2 36.4
125 13.6 17.3 25.9

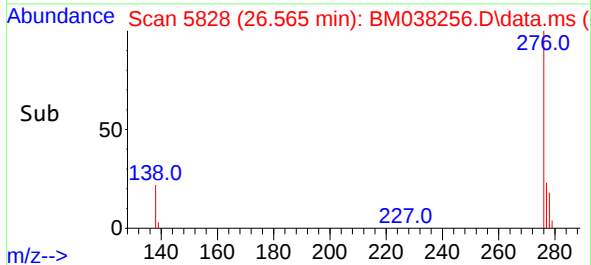
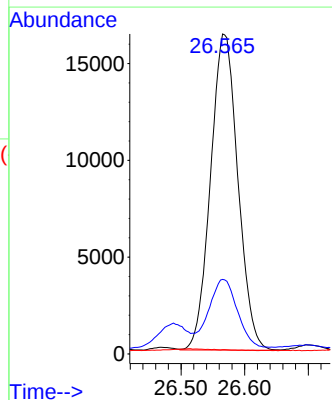
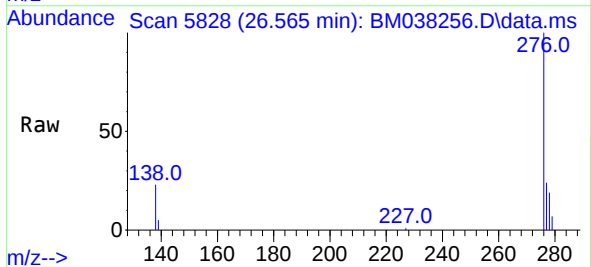
Manual Integrations
APPROVED

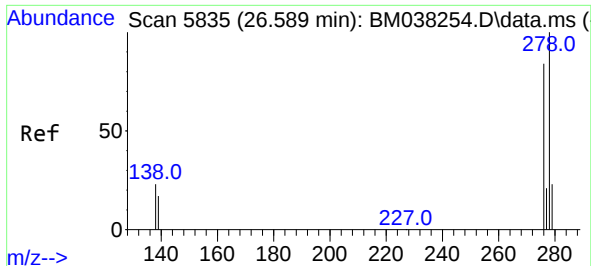
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.963 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038256.D
Acq: 24 Dec 2022 05:57

Tgt Ion:276 Resp: 48878
Ion Ratio Lower Upper
276 100
138 22.7 21.7 32.5
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.305 ng/ul

RT: 26.575 min Scan# 5835

Delta R.T. -0.013 min

Lab File: BM038256.D

Acq: 24 Dec 2022 05:57

Instrument :

BNA_M

ClientSampleId :

DBXU7

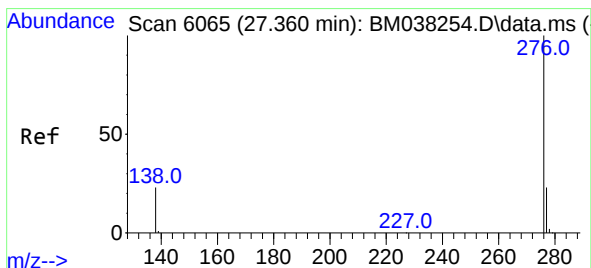
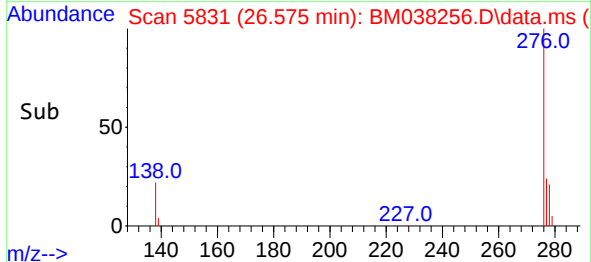
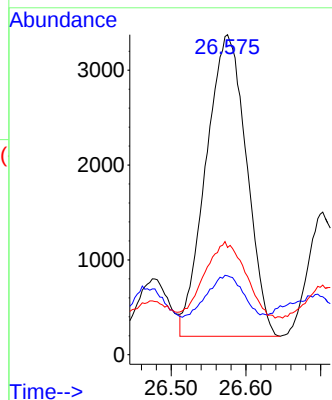
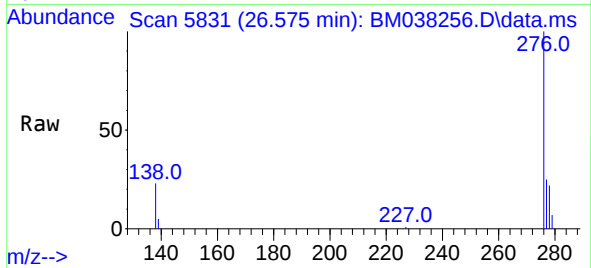
Tgt Ion:278 Resp: 12004

Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.8	25.2
279	33.5	23.4	35.2

Manual Integrations

APPROVED

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



#29

Benzo(g,h,i)perylene

Concen: 1.117 ng/ul

RT: 27.360 min Scan# 6065

Delta R.T. 0.000 min

Lab File: BM038256.D

Acq: 24 Dec 2022 05:57

Tgt Ion:276 Resp: 47681

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.8	31.2
277	24.4	20.5	30.7

