

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038107.D
 Acq On : 19 Dec 2022 17:57
 Operator : CG/JU
 Sample : N6006-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV9

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:23:38 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	6556	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	12208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	24466	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16471	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	14909	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	44996	5.021	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	12360	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	23898	0.400	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	2455	0.038	ng/ul#	90
7) 2-Methylnaphthalene	12.517	142	1176	0.029	ng/ul	92
8) 1-Methylnaphthalene	12.737	142	1144	0.028	ng/ul	96
10) Acenaphthylene	14.402	152	3399	0.053	ng/ul#	90
11) Acenaphthene	14.740	153	10618	0.219	ng/ul	98
12) Fluorene	15.721	166	15934	0.296	ng/ul	99
14) Pentachlorophenol	17.067	266	313	0.031	ng/ul	94
15) Phenanthrene	17.455	178	355203	4.311	ng/ul	99
16) Anthracene	17.548	178	85485	1.122	ng/ul	99
19) Fluoranthene	19.464	202	691220	8.125	ng/ul	94
20) Pyrene	19.826	202	461863m	5.318	ng/ul	
21) Benzo(a)anthracene	21.562	228	235537	3.310	ng/ul	100
22) Chrysene	21.618	228	215659	3.004	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	253538	3.586	ng/ul	90
25) Benzo(k)fluoranthene	23.328	252	84604m	1.240	ng/ul	
26) Benzo(a)pyrene	23.924	252	143744	2.414	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.592	276	99135	1.326	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.602	278	25658	0.441	ng/ul	96
29) Benzo(g,h,i)perylene	27.394	276	68204	1.074	ng/ul	96

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

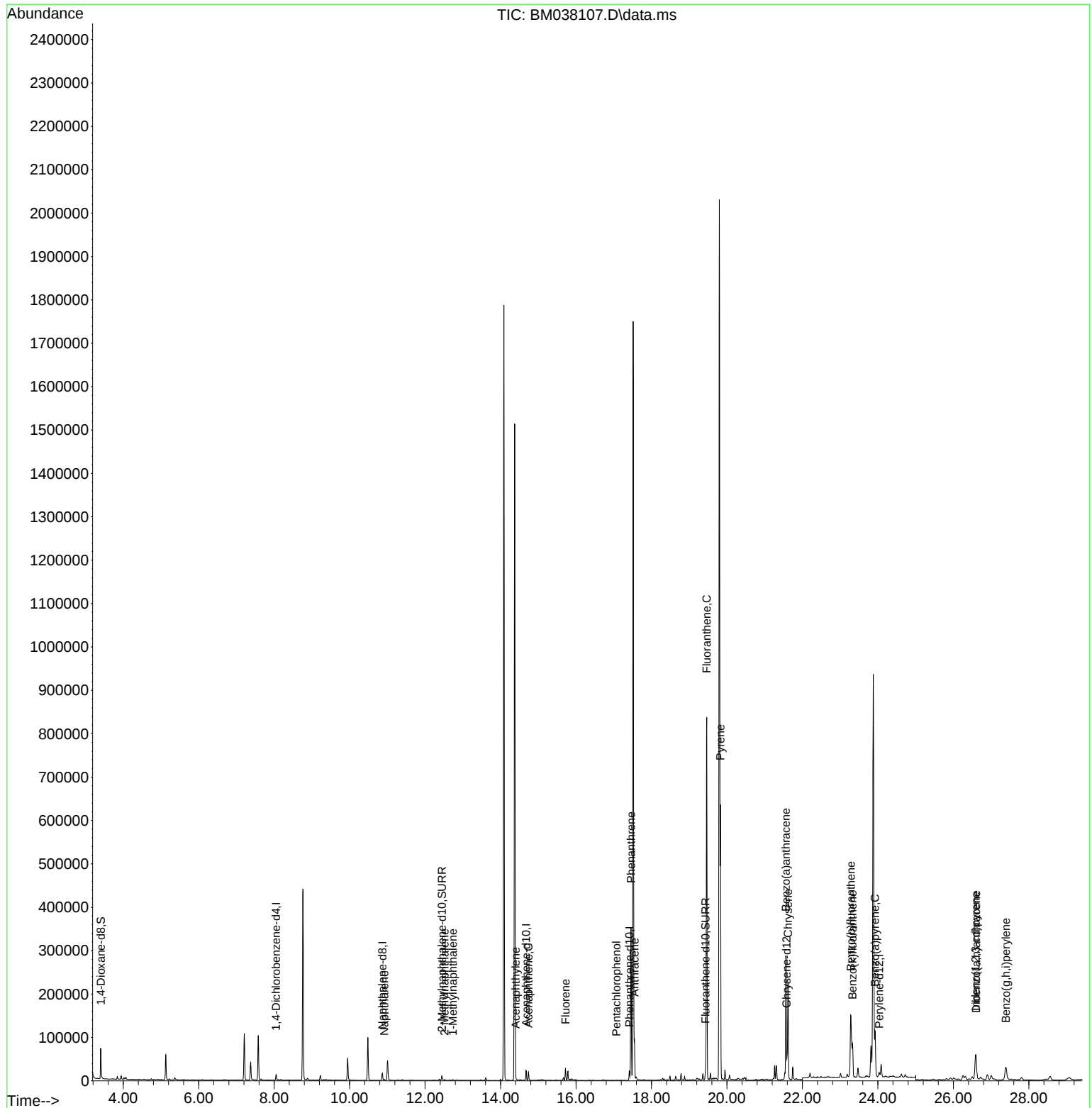
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038107.D
Acq On : 19 Dec 2022 17:57
Operator : CG/JU
Sample : N6006-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

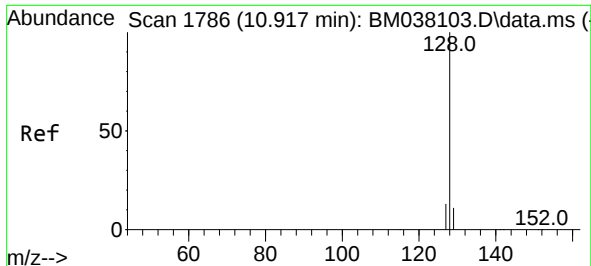
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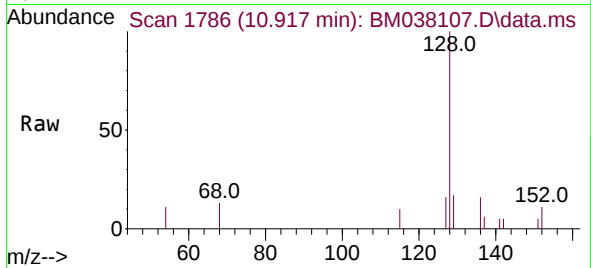
Quant Time: Dec 19 23:23:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

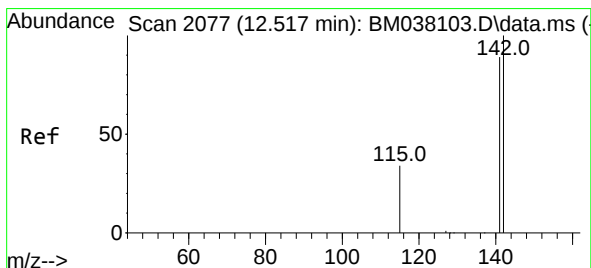
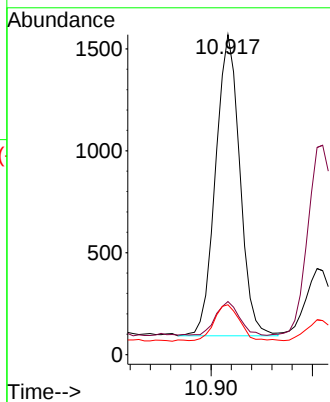
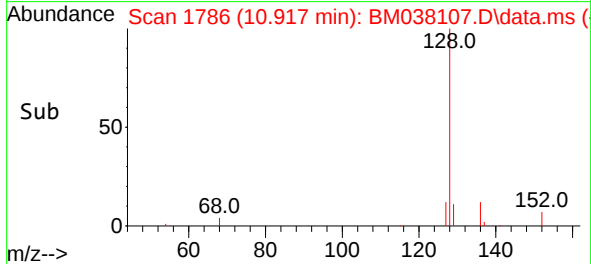
Instrument :
BNA_M
ClientSampleId :
DBXV9



Tgt Ion:128 Resp: 245
Ion Ratio Lower Upper
128 100
129 16.6 9.1 13.7
127 15.6 10.4 15.6

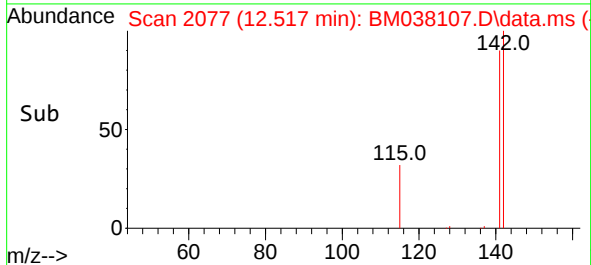
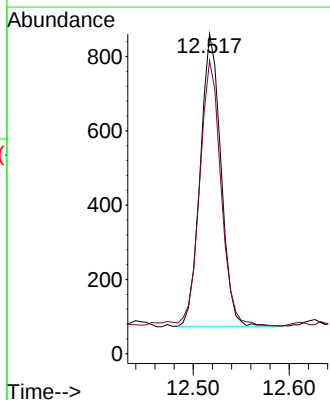
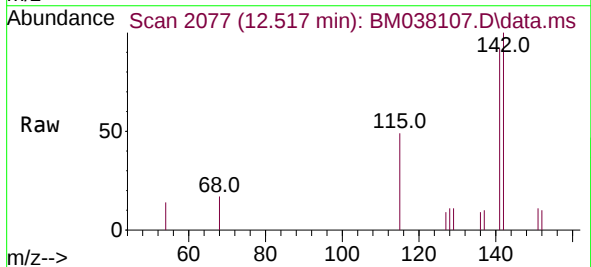
Manual Integrations
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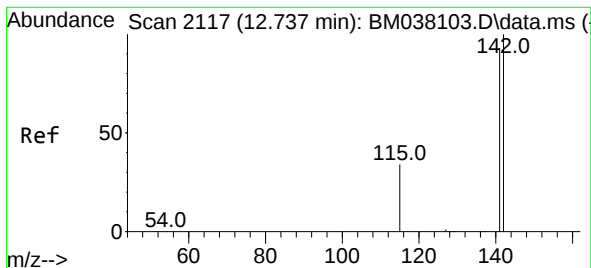
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

Tgt Ion:142 Resp: 1176
Ion Ratio Lower Upper
142 100
141 95.1 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.737 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BM038107.D

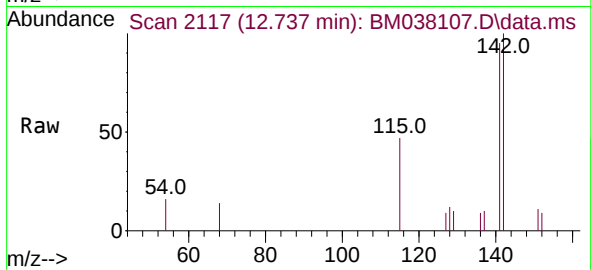
Acq: 19 Dec 2022 17:57

Instrument :

BNA_M

ClientSampleId :

DBXV9



Tgt Ion:142 Resp: 1144

Ion Ratio Lower Upper

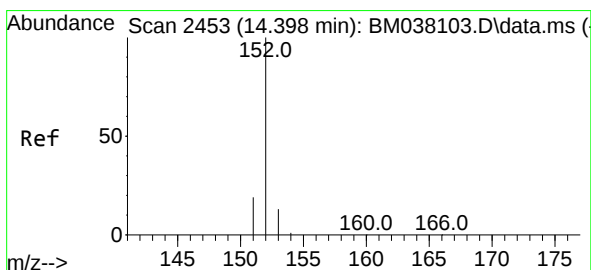
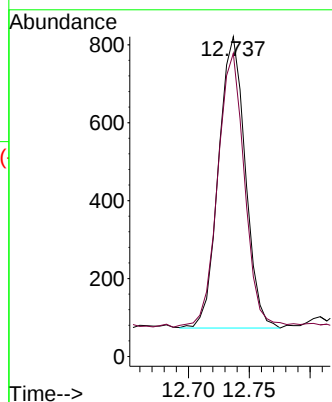
142 100

141 95.5 73.6 110.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.402 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BM038107.D

Acq: 19 Dec 2022 17:57

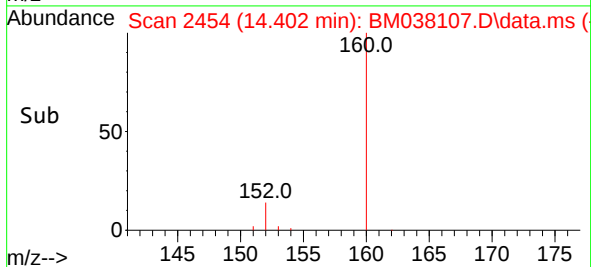
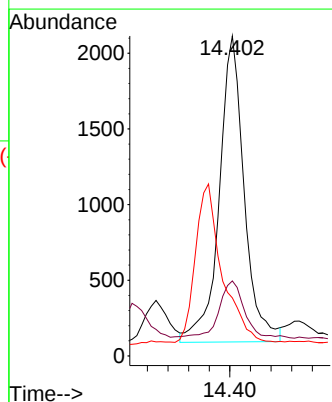
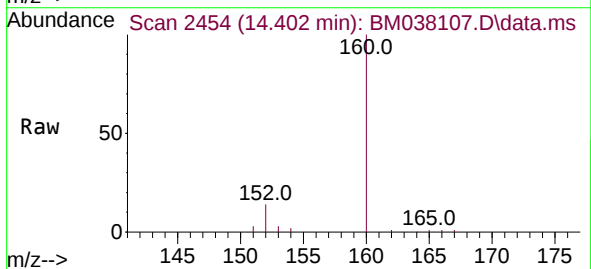
Tgt Ion:152 Resp: 3399

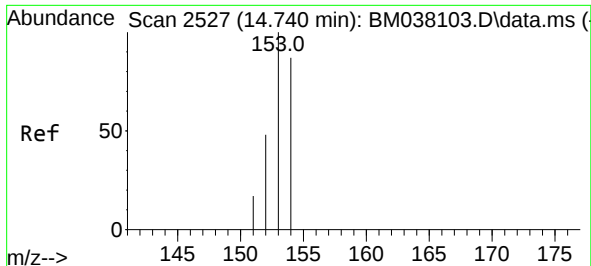
Ion Ratio Lower Upper

152 100

151 23.5 15.5 23.3#

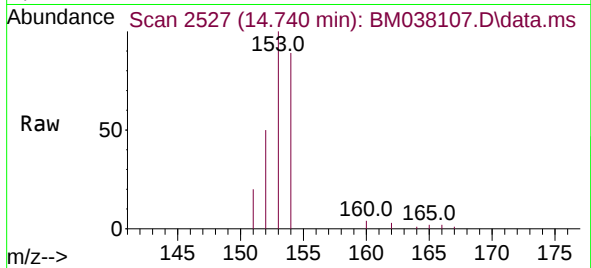
153 18.2 11.0 16.4#





#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

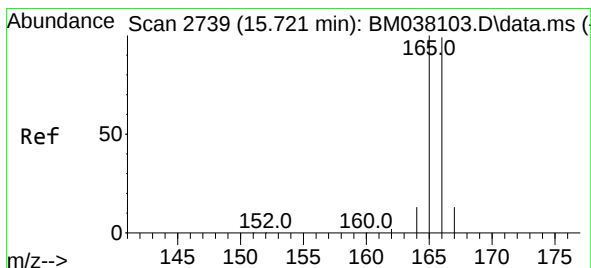
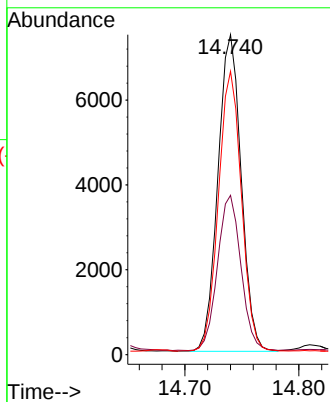
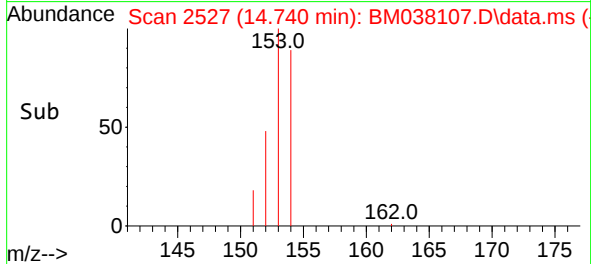
Instrument :
BNA_M
ClientSampleId :
DBXV9



Tgt Ion:153 Resp: 10618
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 88.5 69.2 103.8

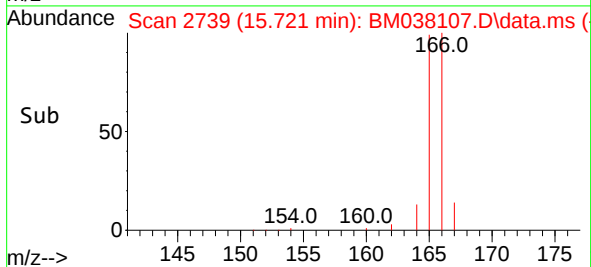
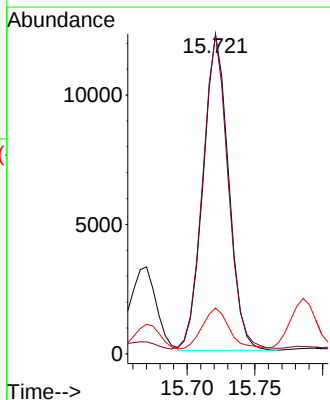
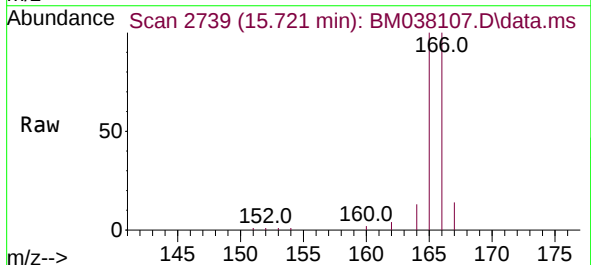
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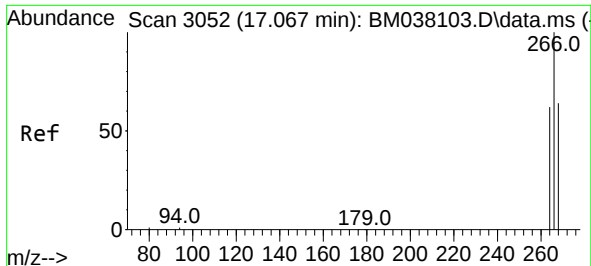
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

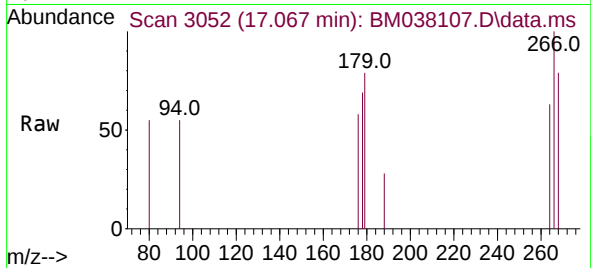
Tgt Ion:166 Resp: 15934
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 14.3 11.1 16.7





#14
 Pentachlorophenol
 Concen: 0.031 ng/ul
 RT: 17.067 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: BM038107.D
 Acq: 19 Dec 2022 17:57

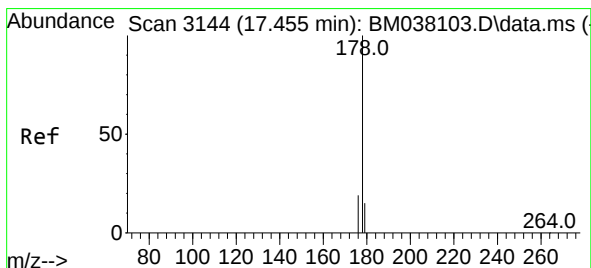
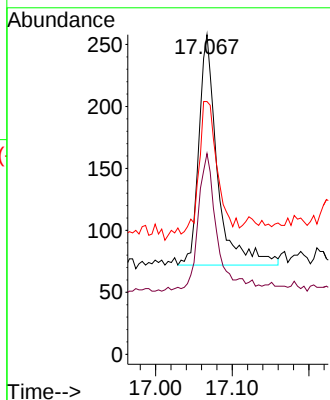
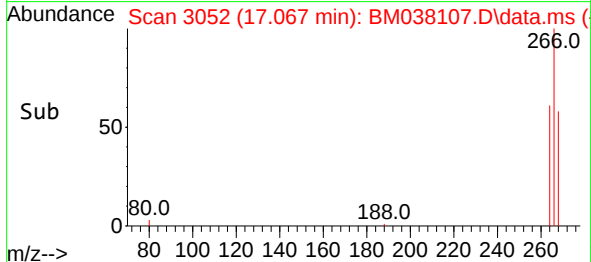
Instrument :
 BNA_M
 ClientSampleId :
 DBXV9



Tgt Ion:	266	Resp:	313
Ion Ratio	Lower	Upper	
266	100		
264	59.1	49.9	74.9
268	59.1	52.0	78.0

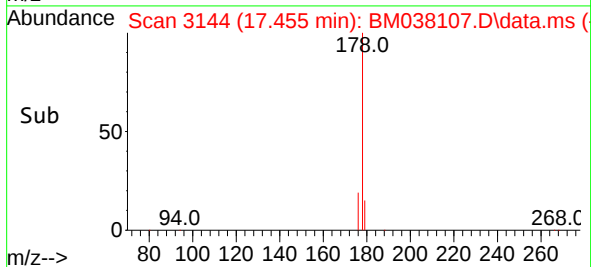
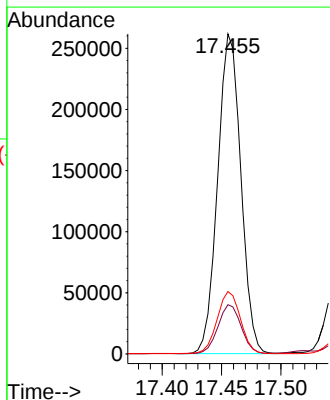
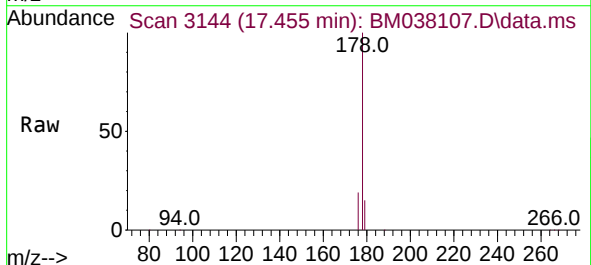
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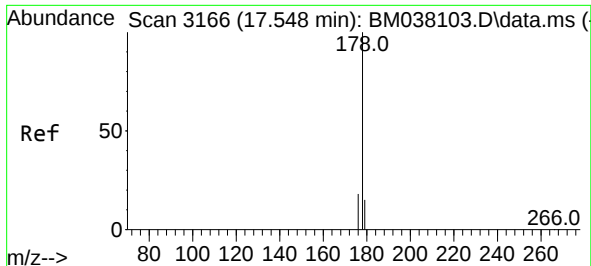
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#15
 Phenanthrene
 Concen: 4.311 ng/ul
 RT: 17.455 min Scan# 3144
 Delta R.T. -0.004 min
 Lab File: BM038107.D
 Acq: 19 Dec 2022 17:57

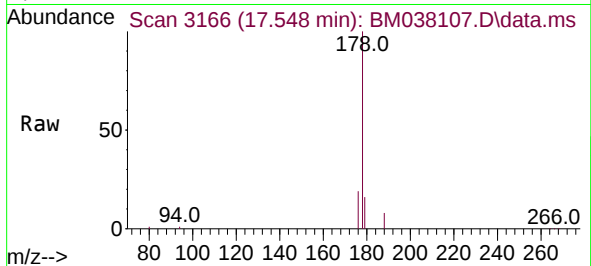
Tgt Ion:	178	Resp:	355203
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.5	15.8	23.6





#16
 Anthracene
 Concen: 1.122 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM038107.D
 Acq: 19 Dec 2022 17:57

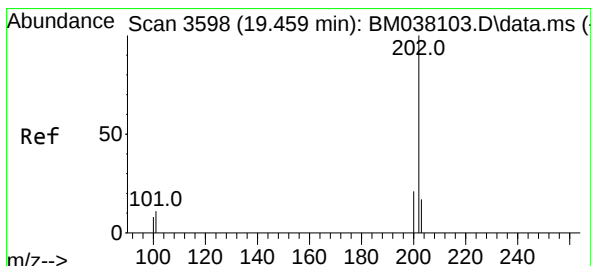
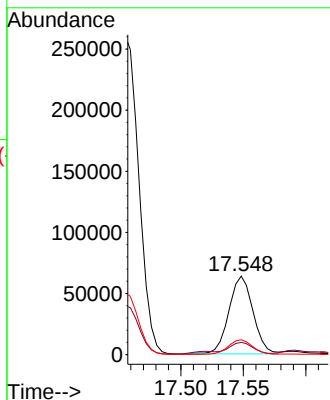
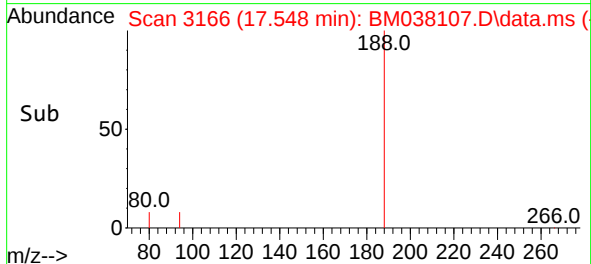
Instrument :
 BNA_M
 ClientSampleId :
 DBXV9



Tgt Ion:178 Resp: 85485
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.0 19.4
 176 18.9 15.0 22.4

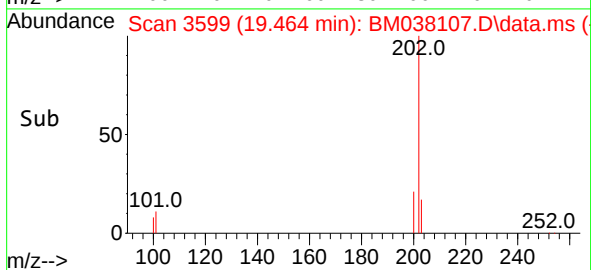
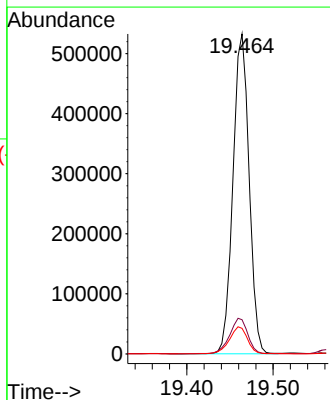
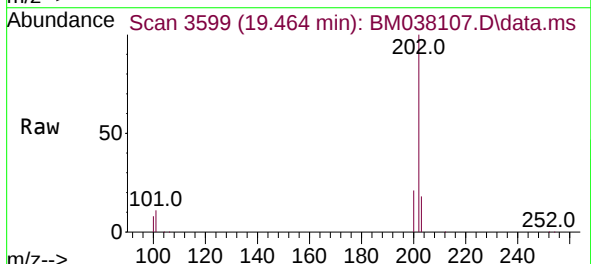
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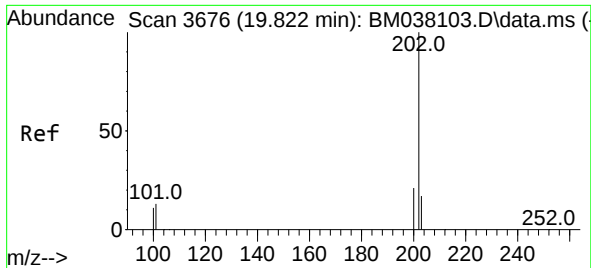
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 8.125 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. 0.000 min
 Lab File: BM038107.D
 Acq: 19 Dec 2022 17:57

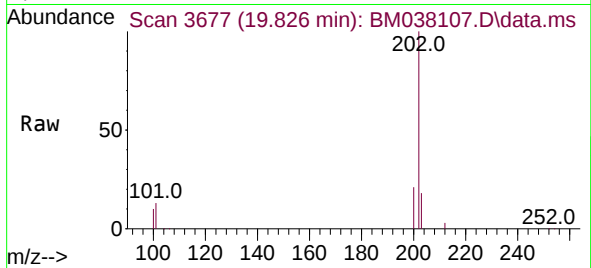
Tgt Ion:202 Resp: 691220
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.6 15.8
 100 8.0 7.9 11.9





#20
Pyrene
Concen: 5.318 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

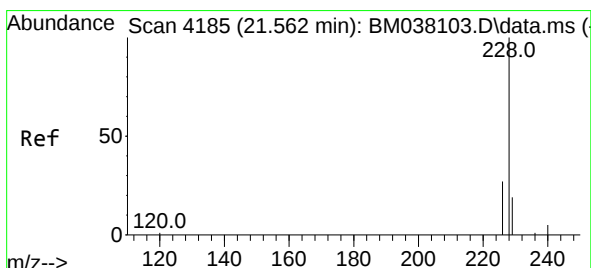
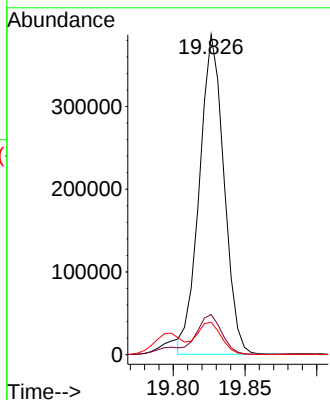
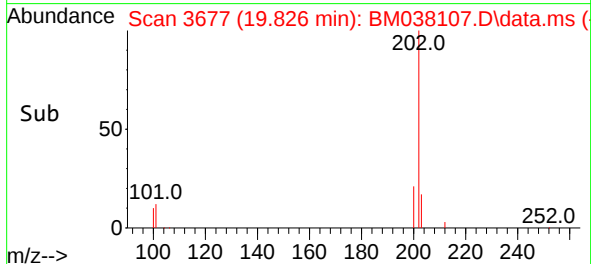
Instrument :
BNA_M
ClientSampleId :
DBXV9



Tgt Ion:202 Resp: 461863
Ion Ratio Lower Upper
202 100
101 12.5 12.1 18.1
100 10.1 9.8 14.6

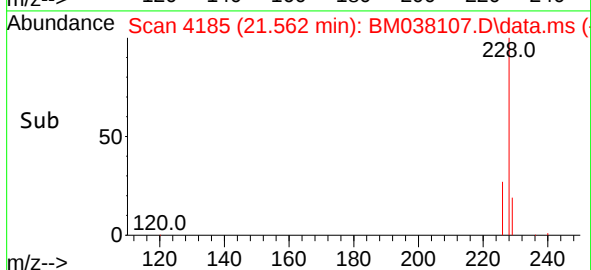
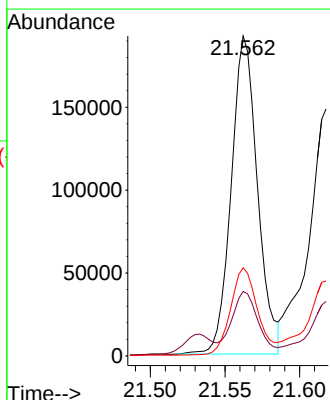
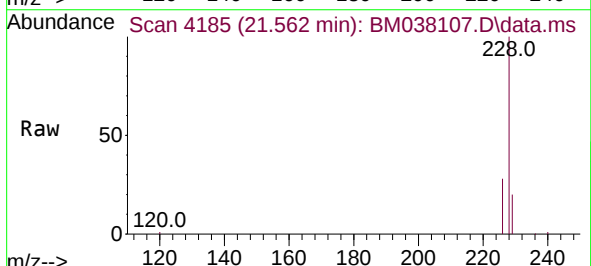
Manual Integrations
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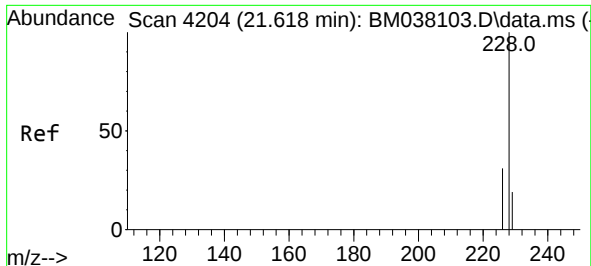
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#21
Benzo(a)anthracene
Concen: 3.310 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

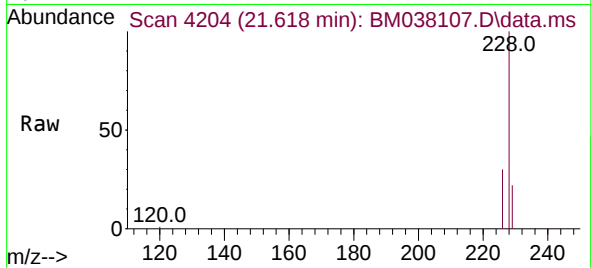
Tgt Ion:228 Resp: 235537
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.5 22.1 33.1





#22
Chrysene
Concen: 3.004 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

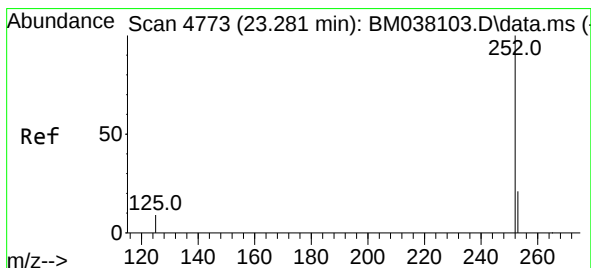
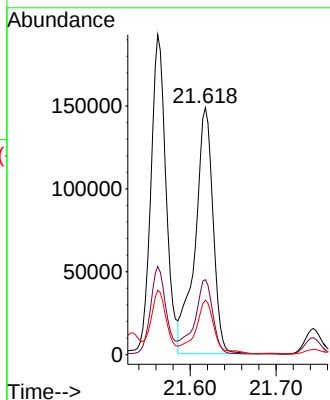
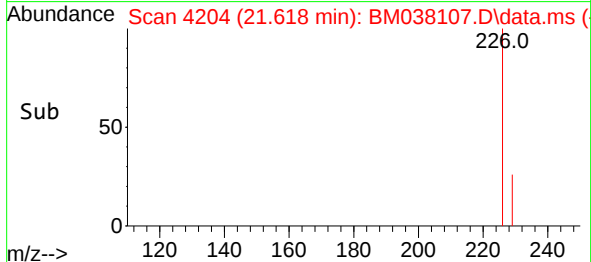
Instrument :
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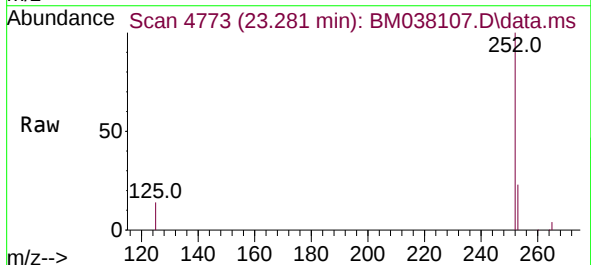
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Ion Ratio Lower Upper
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226 30.4 24.1 36.1
229 22.0 15.7 23.5

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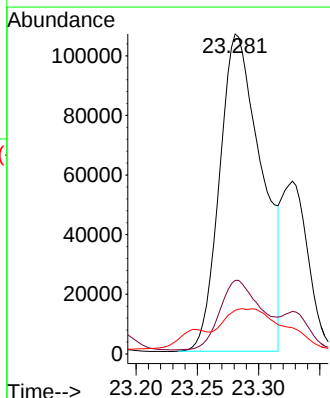
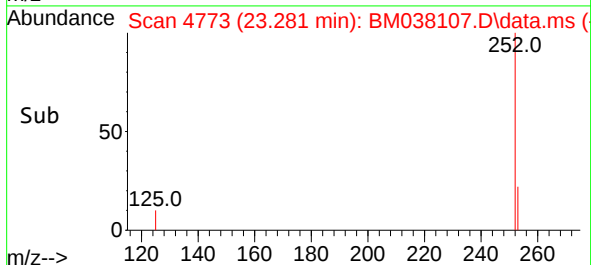
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

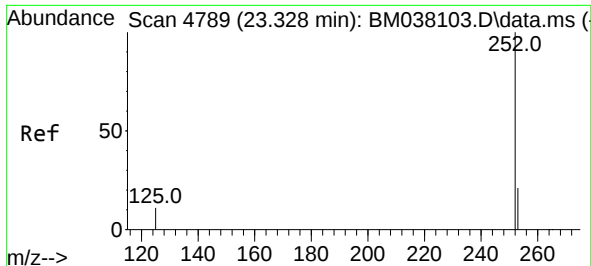


#24
Benzo(b)fluoranthene
Concen: 3.586 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57



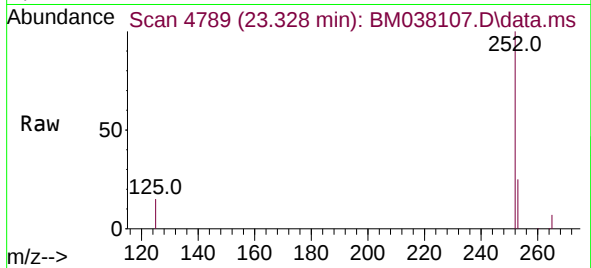
Tgt Ion:252 Resp: 253538
Ion Ratio Lower Upper
252 100
253 23.0 0.0 51.8
125 13.6 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 1.240 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

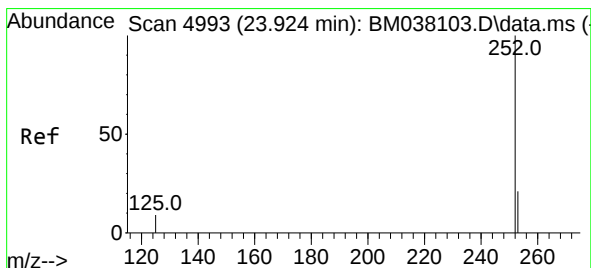
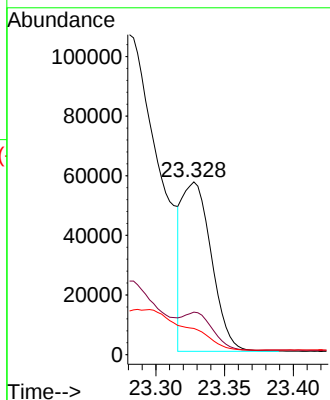
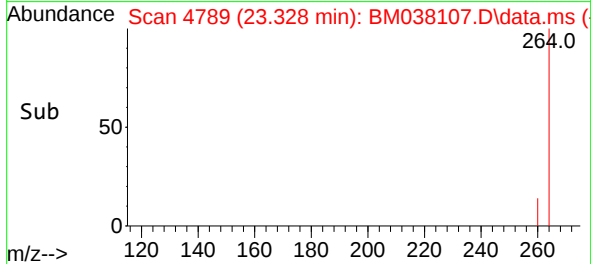
Instrument :
BNA_M
ClientSampleId :
DBXV9



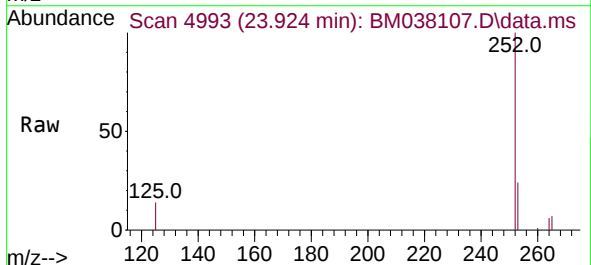
Tgt Ion:252 Resp: 84604
Ion Ratio Lower Upper
252 100
253 24.6 20.8 31.2
125 15.2 17.1 25.7

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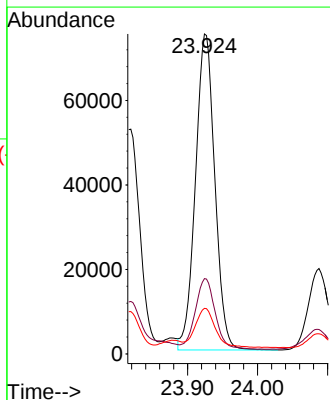
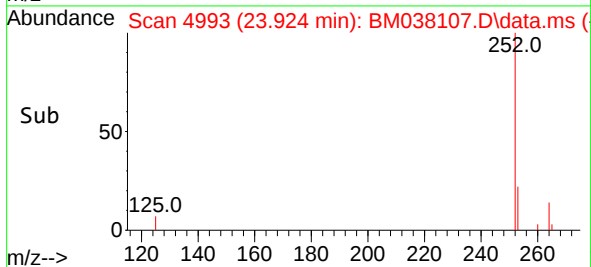
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

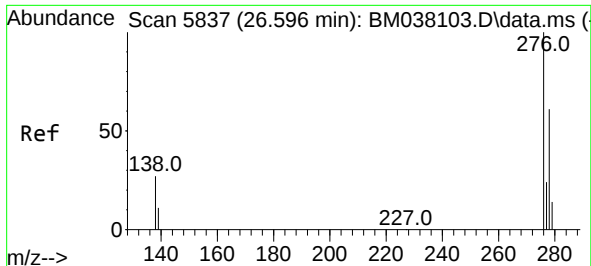


#26
Benzo(a)pyrene
Concen: 2.414 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57



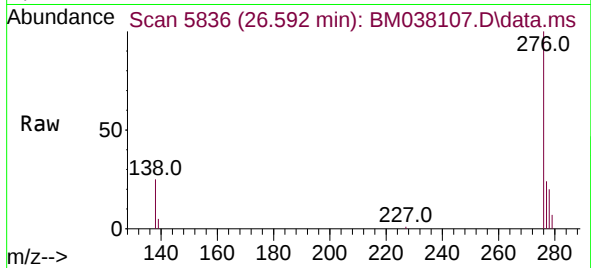
Tgt Ion:252 Resp: 143744
Ion Ratio Lower Upper
252 100
253 23.5 21.9 32.9
125 14.2 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.326 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

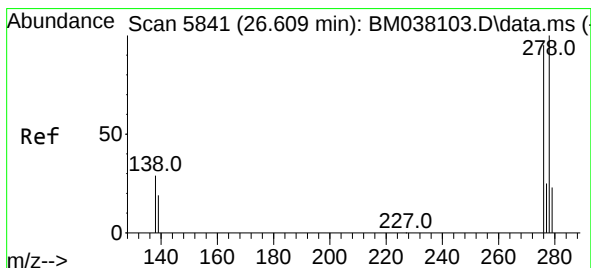
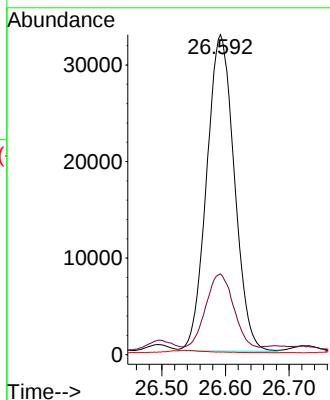
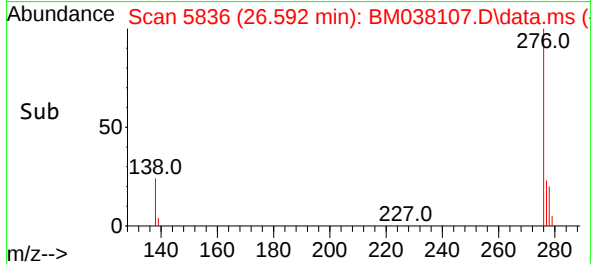
Instrument :
BNA_M
ClientSampleId :
DBXV9



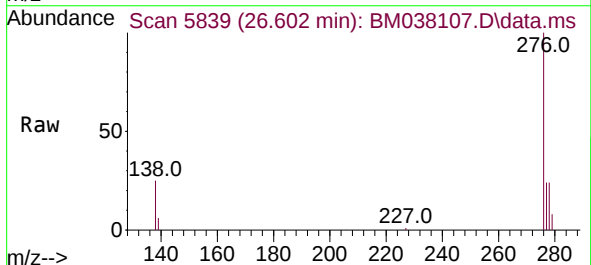
Tgt Ion:276 Resp: 99135
Ion Ratio Lower Upper
276 100
138 23.1 26.6 40.0
227 0.0 0.1 0.1

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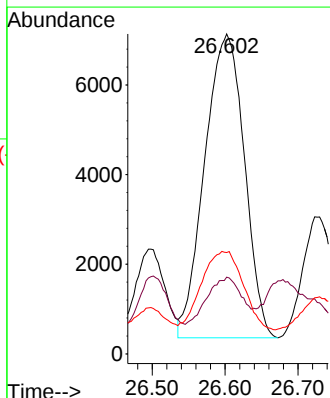
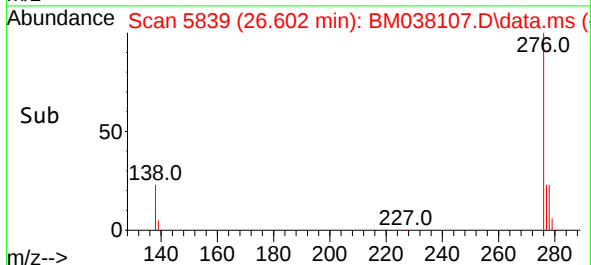
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

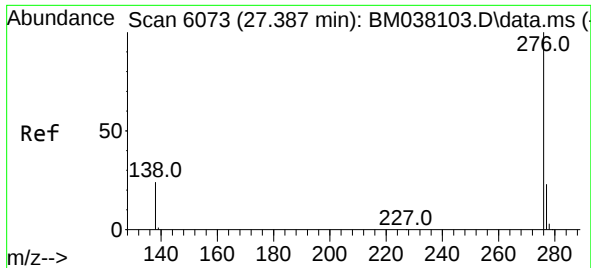


#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57



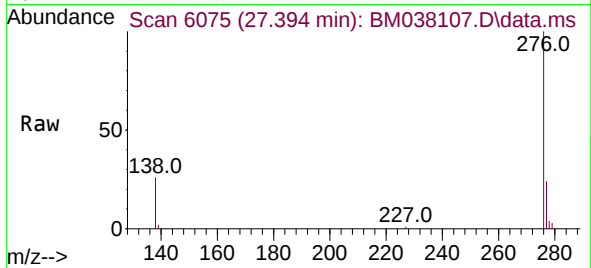
Tgt Ion:278 Resp: 25658
Ion Ratio Lower Upper
278 100
139 24.0 19.0 28.6
279 31.7 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 1.074 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. 0.000 min
Lab File: BM038107.D
Acq: 19 Dec 2022 17:57

Instrument :
BNA_M
ClientSampleId :
DBXV9



Tgt Ion: 276 Resp: 68204
Ion Ratio Lower Upper
276 100
138 26.4 24.1 36.1
277 24.2 19.0 28.6

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

