

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036952.D
 Acq On : 11 Oct 2022 19:30
 Operator : CG/JU
 Sample : N5024-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 12 03:25:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8589	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30505	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	16678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	33887	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	19437	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	17389	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	41784	3.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11029	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	19781	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	30394	0.349	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	21459	0.402	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	16987	0.314	ng/ul	99
10) Acenaphthylene	14.302	152	110708	1.597	ng/ul	98
11) Acenaphthene	14.640	153	4955	0.082	ng/ul	98
12) Fluorene	15.621	166	6863	0.101	ng/ul#	90
15) Phenanthrene	17.356	178	168573	1.558	ng/ul	100
16) Anthracene	17.448	178	57599	0.637	ng/ul	98
19) Fluoranthene	19.368	202	333955	4.320	ng/ul	97
20) Pyrene	19.731	202	284082	3.524	ng/ul	96
21) Benzo(a)anthracene	21.468	228	155547	2.215	ng/ul	94
22) Chrysene	21.520	228	175713m	2.330	ng/ul	
24) Benzo(b)fluoranthene	23.154	252	330066	4.249	ng/ul	92
25) Benzo(k)fluoranthene	23.195	252	89640m	1.184	ng/ul	
26) Benzo(a)pyrene	23.777	252	203903	3.235	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.370	276	198910	2.228	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.380	278	49523	0.686	ng/ul#	90
29) Benzo(g,h,i)perylene	27.134	276	186746	2.374	ng/ul	97

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

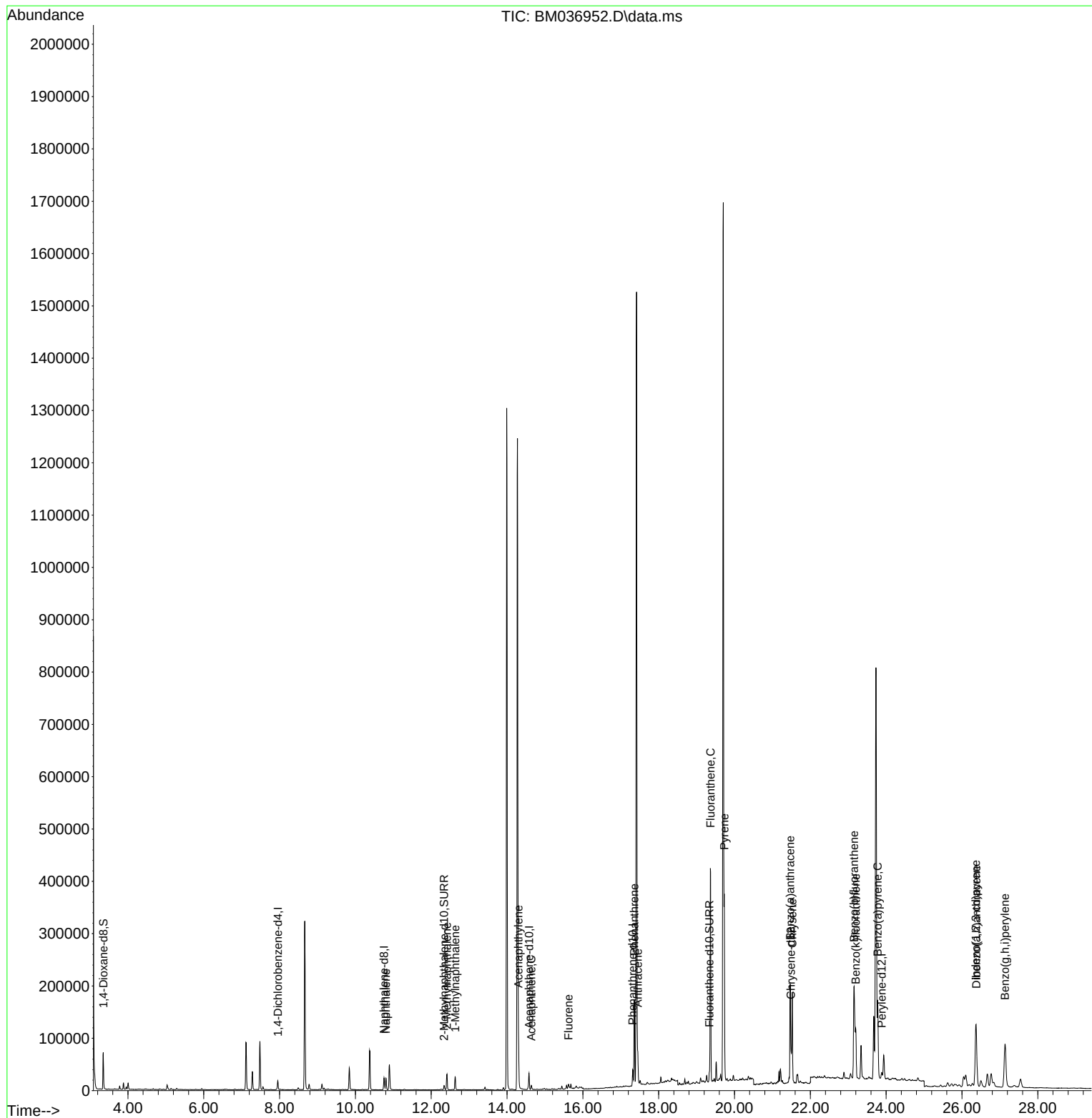
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036952.D
Acq On : 11 Oct 2022 19:30
Operator : CG/JU
Sample : N5024-03
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ALS Vial : 55 Sample Multiplier: 1

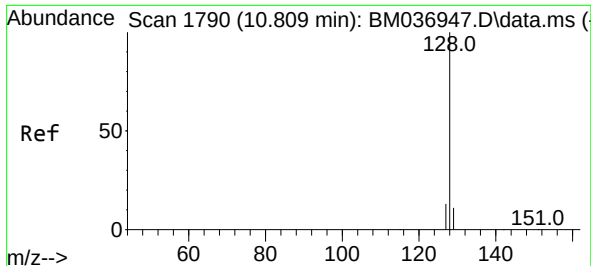
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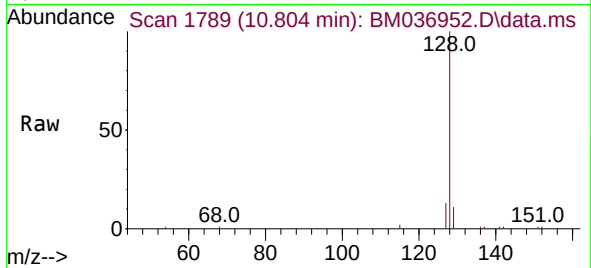
Quant Time: Oct 12 03:25:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

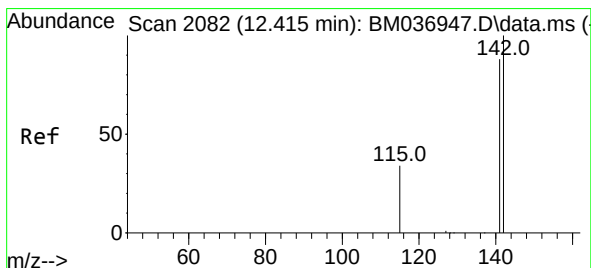
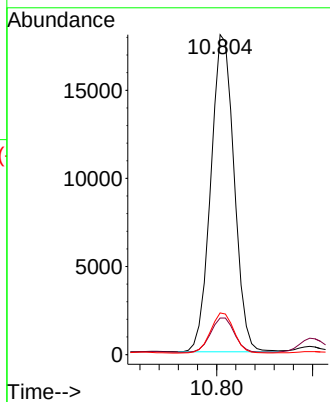
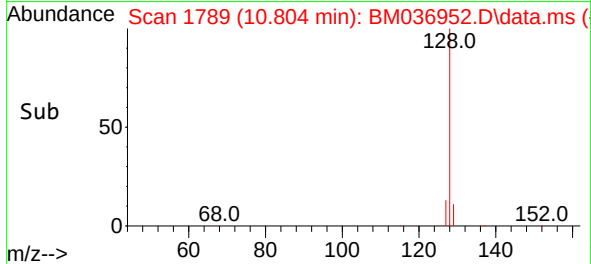
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:128 Resp: 30394
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.0 11.7 17.5

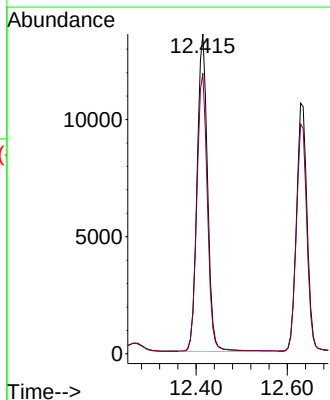
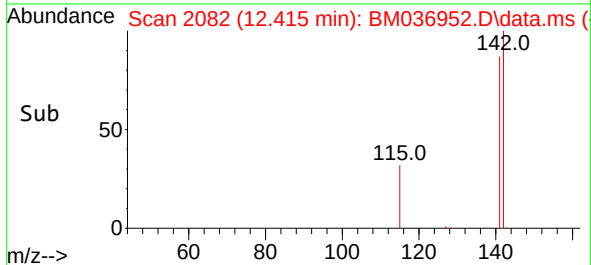
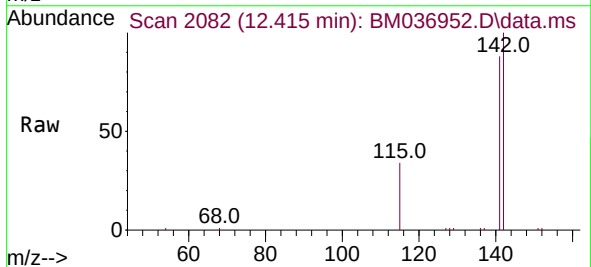
Manual Integrations
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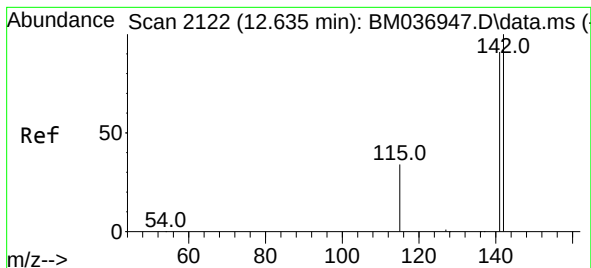
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

Tgt Ion:142 Resp: 21459
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.314 ng/ul

RT: 12.629 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM036952.D

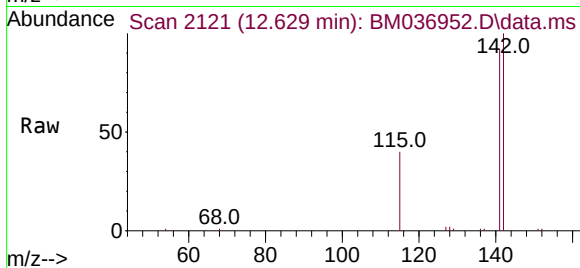
Acq: 11 Oct 2022 19:30

Instrument :

BNA_M

ClientSampleId :

COBF0



Tgt Ion:142 Resp: 1698

Ion Ratio Lower Upper

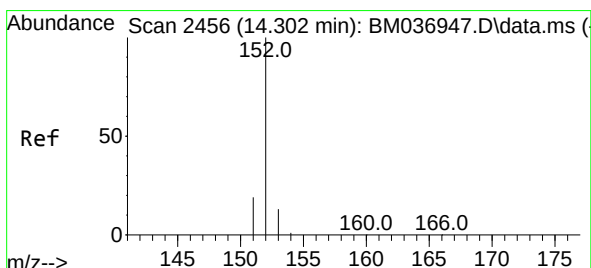
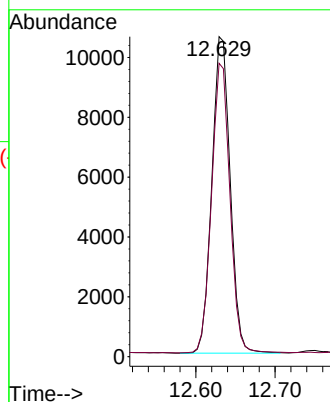
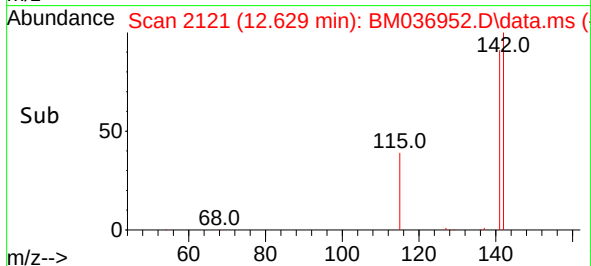
142 100

141 91.5 74.1 111.1

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#10

Acenaphthylene

Concen: 1.597 ng/ul

RT: 14.302 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BM036952.D

Acq: 11 Oct 2022 19:30

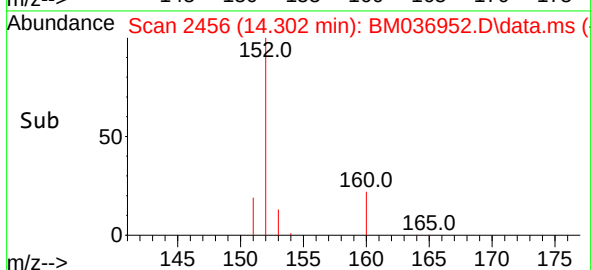
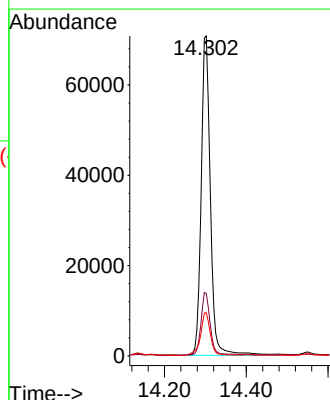
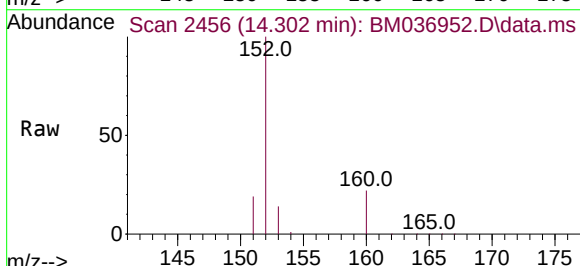
Tgt Ion:152 Resp: 110708

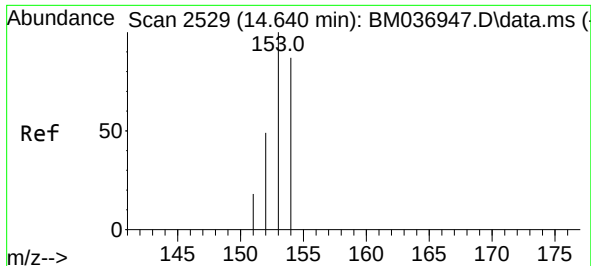
Ion Ratio Lower Upper

152 100

151 19.5 16.6 24.8

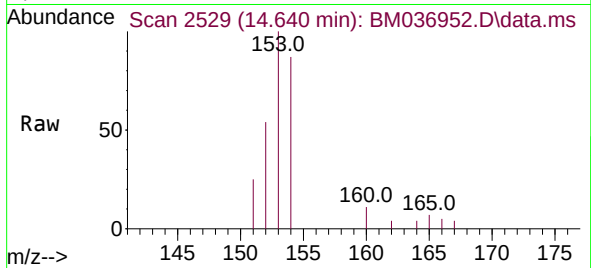
153 13.5 11.4 17.0





#11
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

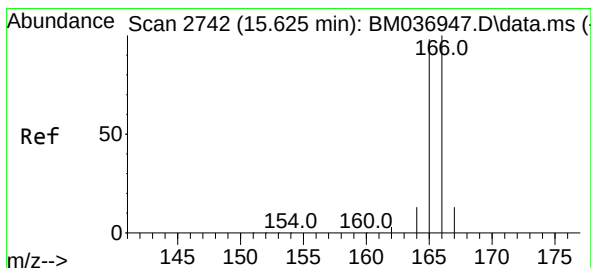
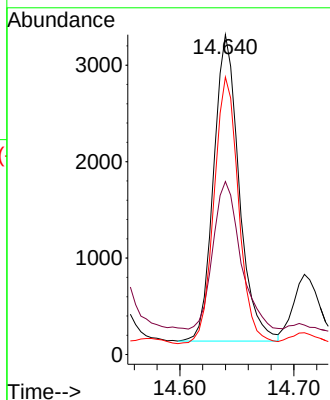
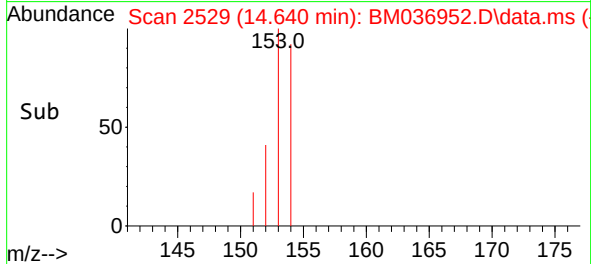
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:153 Resp: 4958
Ion Ratio Lower Upper
153 100
152 54.1 40.2 60.4
154 86.7 69.7 104.5

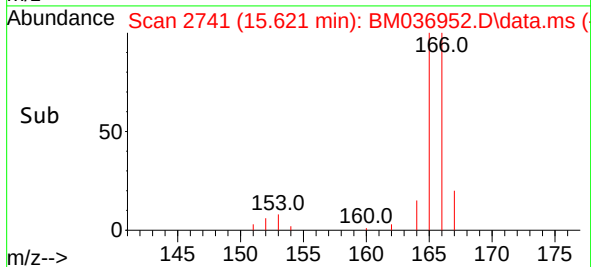
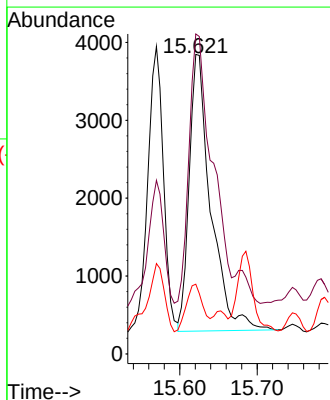
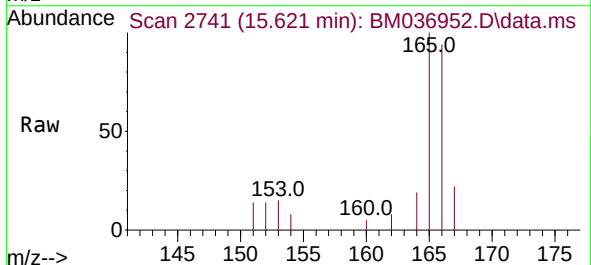
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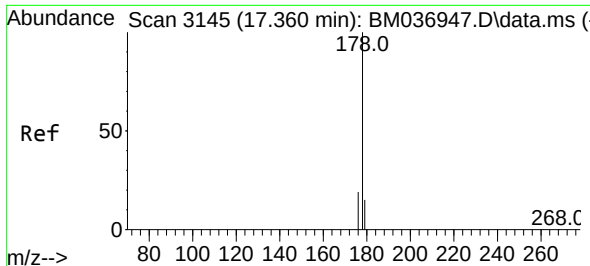
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

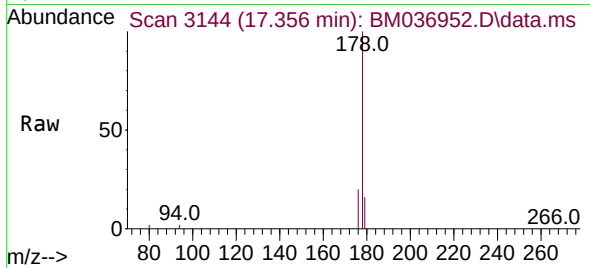
Tgt Ion:166 Resp: 6863
Ion Ratio Lower Upper
166 100
165 106.9 78.9 118.3
167 23.3 11.3 16.9#





#15
Phenanthrene
Concen: 1.558 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

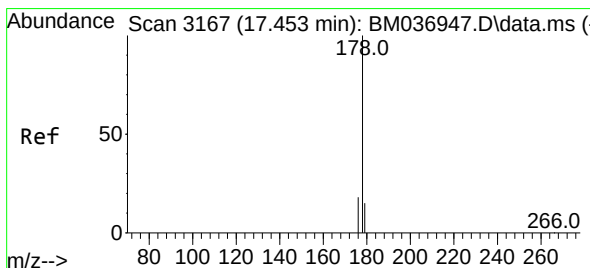
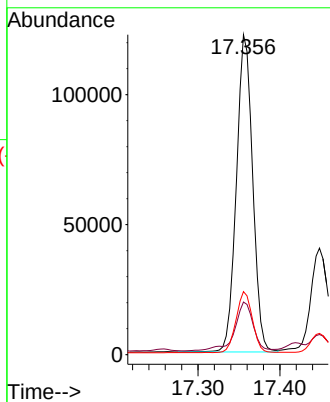
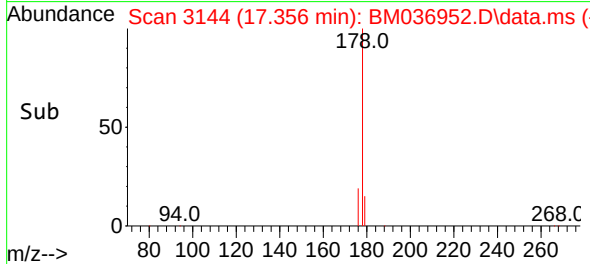
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:178 Resp: 168573
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.7 15.6 23.4

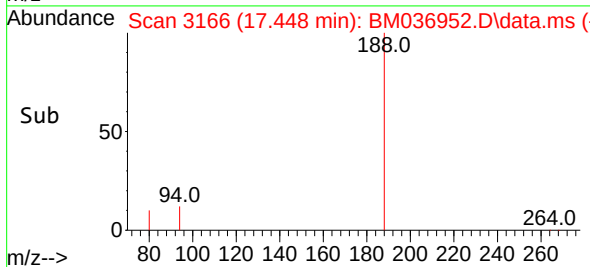
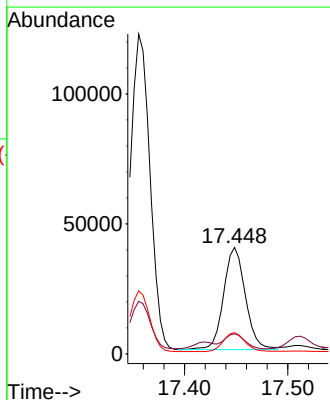
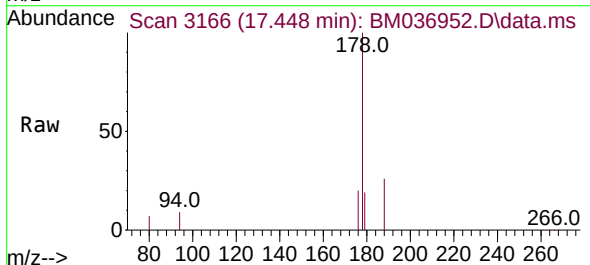
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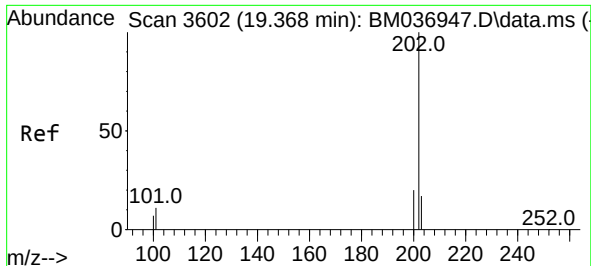
Reviewed By :Jagrut Upadhyay 10/12/2022
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#16
Anthracene
Concen: 0.637 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

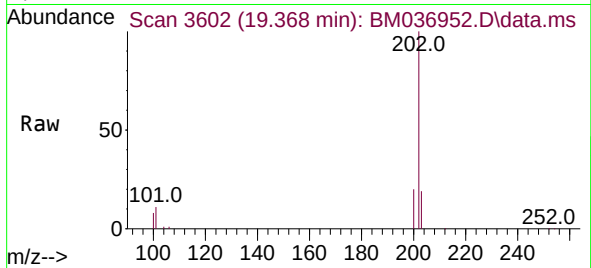
Tgt Ion:178 Resp: 57599
Ion Ratio Lower Upper
178 100
179 18.9 13.6 20.4
176 19.9 15.6 23.4





#19
Fluoranthene
Concen: 4.320 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

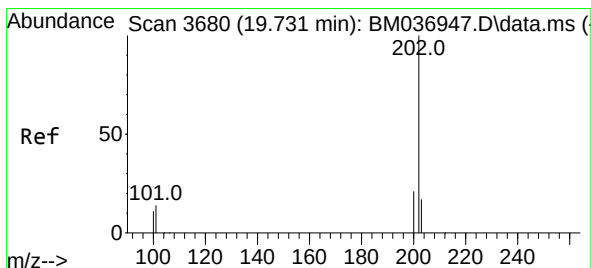
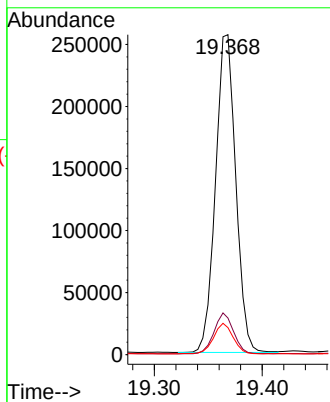
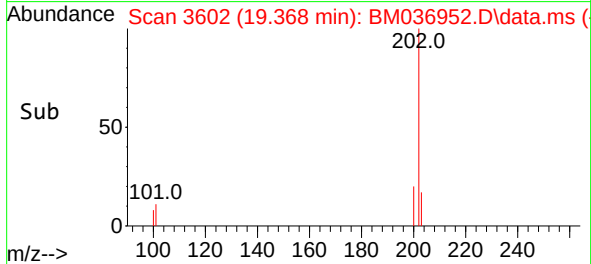
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:202 Resp: 333955
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.4 7.9 11.9

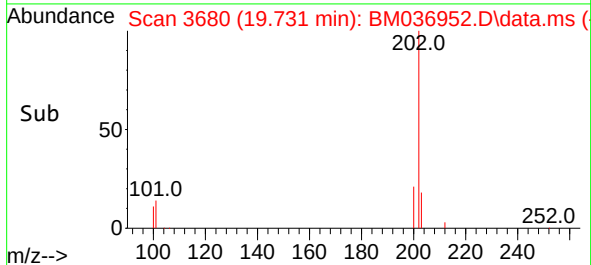
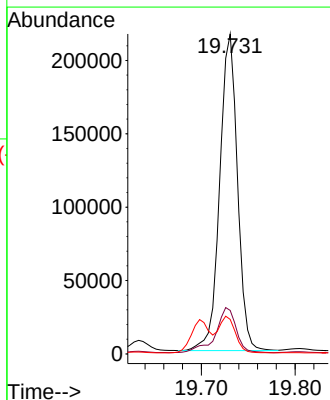
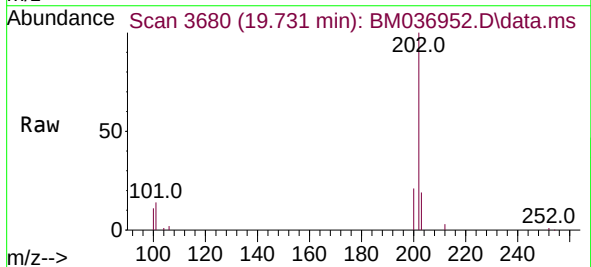
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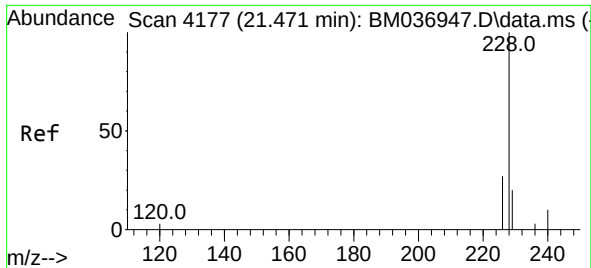
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 3.524 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

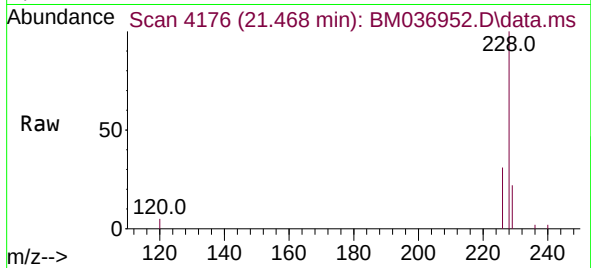
Tgt Ion:202 Resp: 284082
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.215 ng/ul
RT: 21.468 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

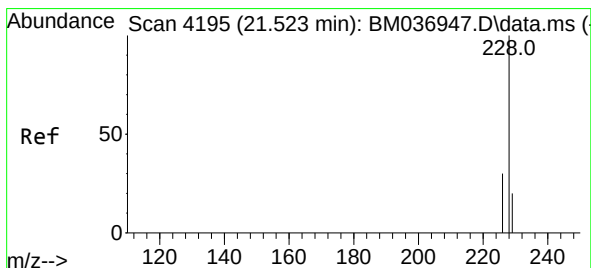
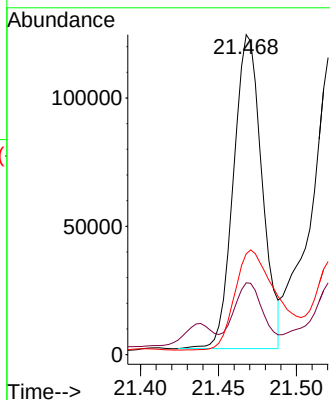
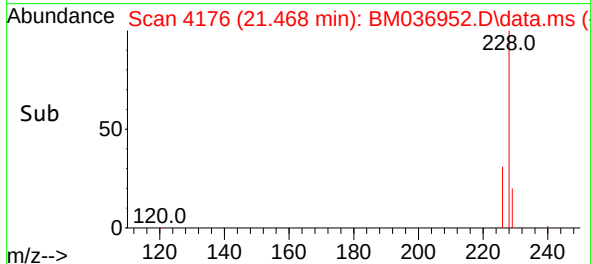
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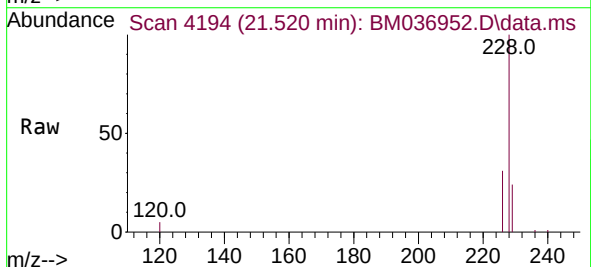
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Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.2
226 31.5 22.5 33.7

Manual Integrations
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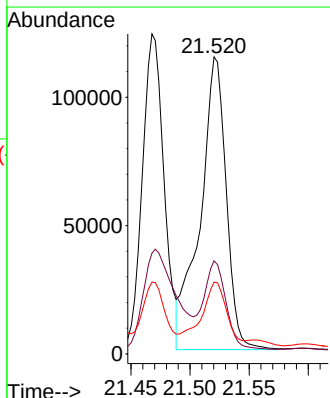
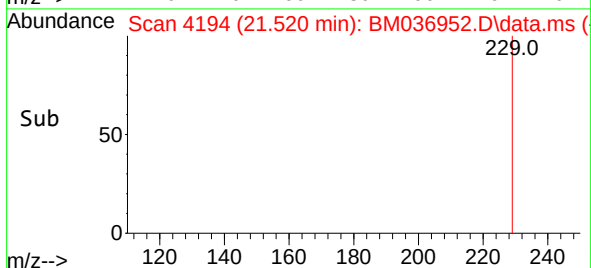
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Supervised By :mohammad ahmed 10/12/2022

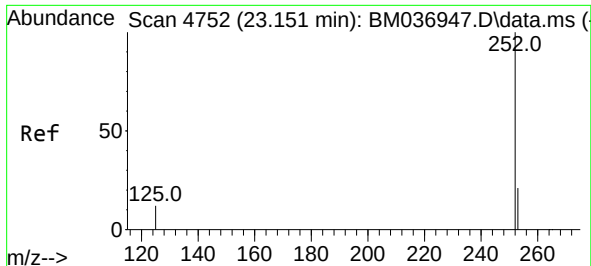


#22
Chrysene
Concen: 2.330 ng/ul m
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30



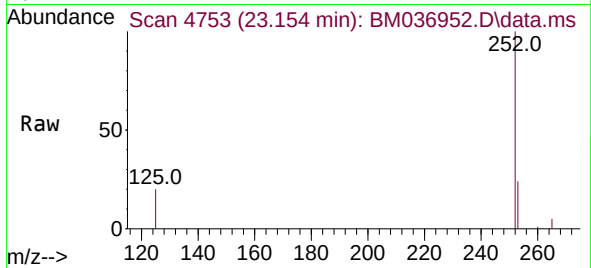
Tgt Ion:228 Resp: 175713
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 24.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.249 ng/ul
RT: 23.154 min Scan# 4752
Delta R.T. 0.009 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

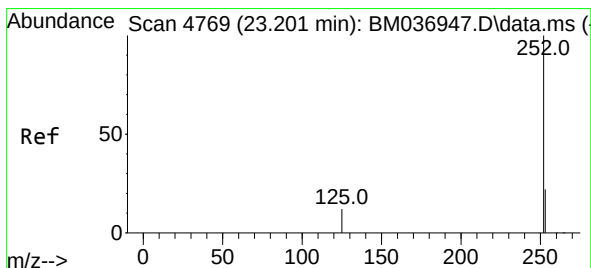
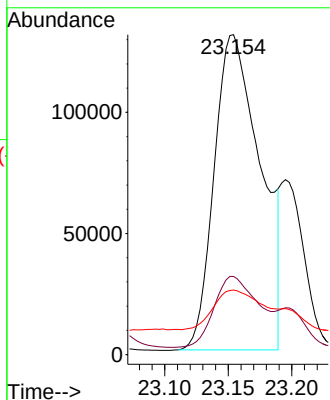
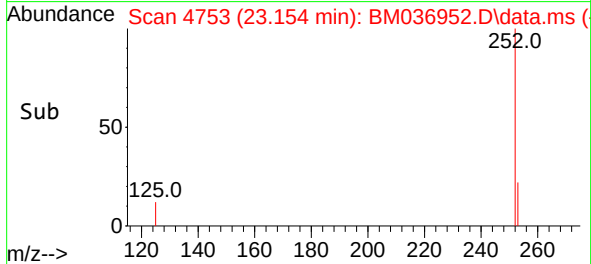
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:252 Resp: 330066
Ion Ratio Lower Upper
252 100
253 24.4 0.0 61.4
125 20.2 0.0 42.6

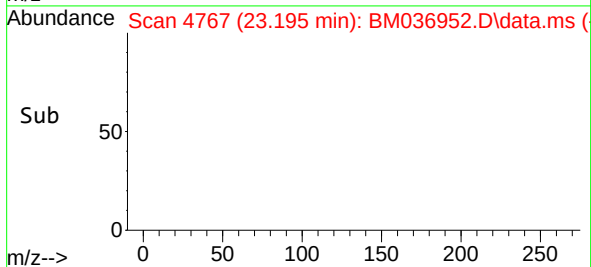
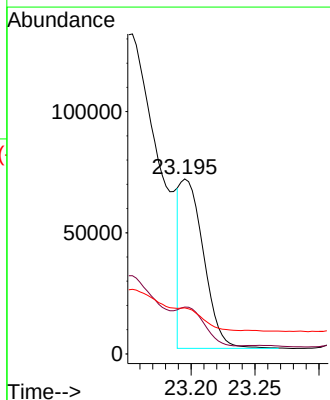
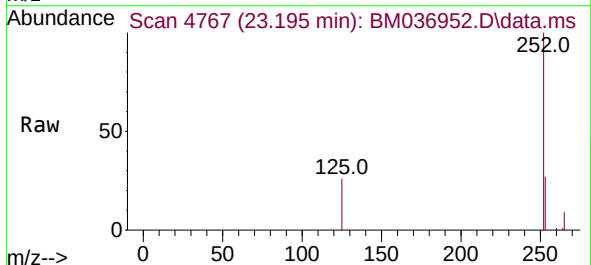
Manual Integrations
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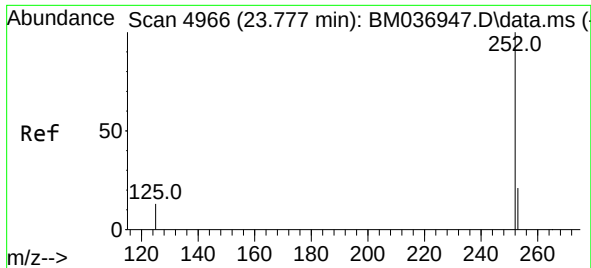
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 1.184 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

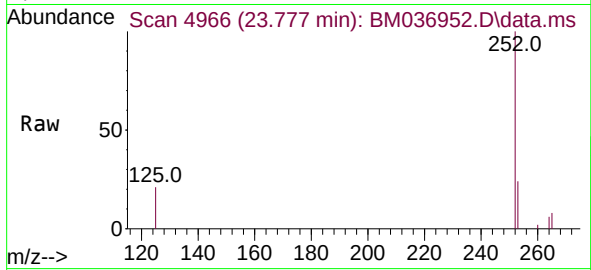
Tgt Ion:252 Resp: 89640
Ion Ratio Lower Upper
252 100
253 26.7 25.2 37.8
125 26.3 18.3 27.5





#26
Benzo(a)pyrene
Concen: 3.235 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.006 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

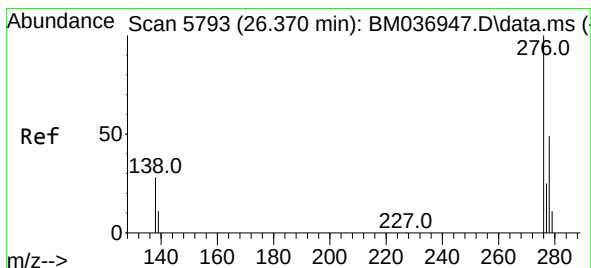
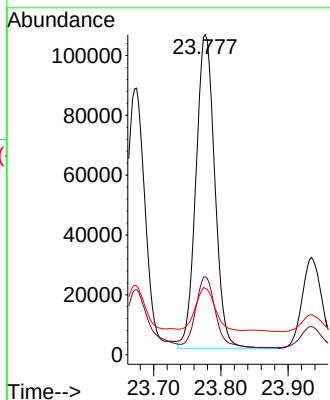
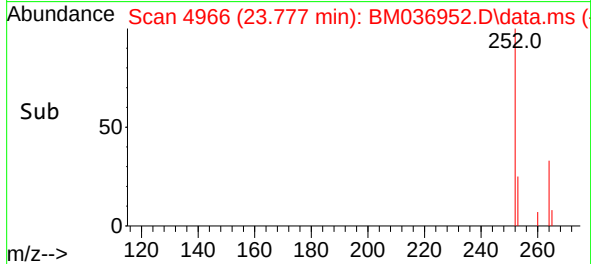
Instrument :
BNA_M
ClientSampleId :
C0BF0



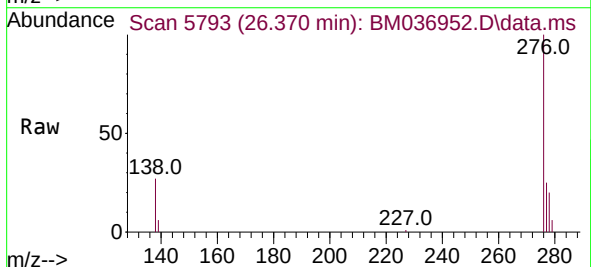
Tgt Ion:252 Resp: 203903
Ion Ratio Lower Upper
252 100
253 24.3 29.7 44.5
125 20.7 23.6 35.4

Manual Integrations
APPROVED

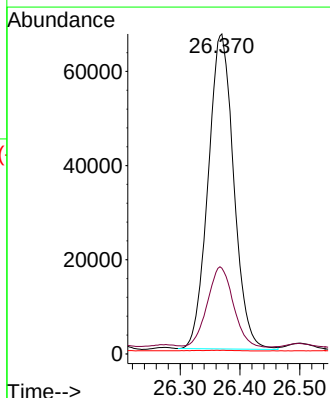
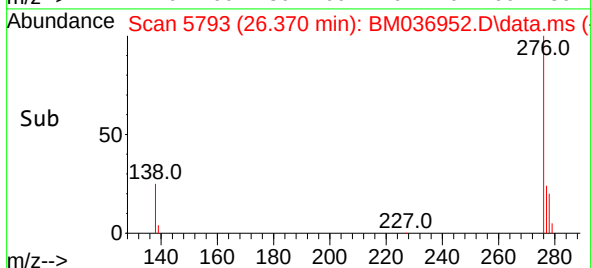
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

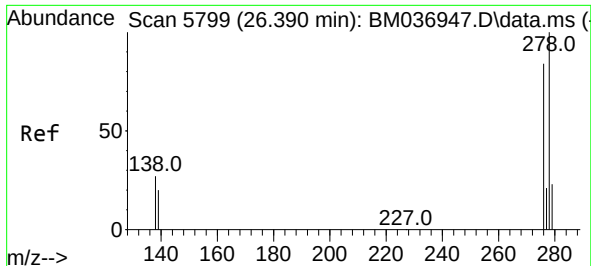


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.228 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30



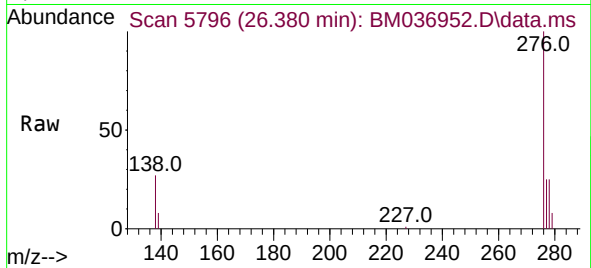
Tgt Ion:276 Resp: 198910
Ion Ratio Lower Upper
276 100
138 25.8 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.686 ng/ul
RT: 26.380 min Scan# 5799
Delta R.T. 0.000 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

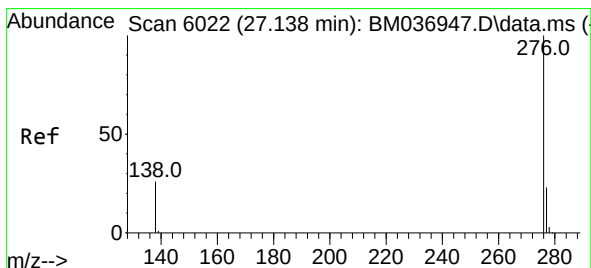
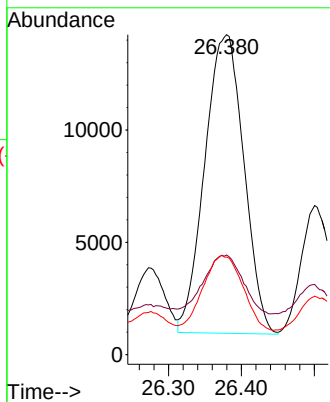
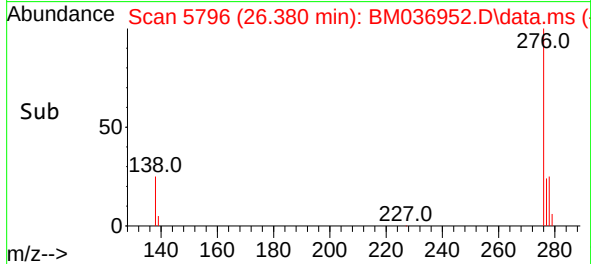
Instrument :
BNA_M
ClientSampleId :
C0BF0



Tgt Ion:278 Resp: 49523
Ion Ratio Lower Upper
278 100
139 31.1 19.8 29.6
279 30.5 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 2.374 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.007 min
Lab File: BM036952.D
Acq: 11 Oct 2022 19:30

Tgt Ion:276 Resp: 186746
Ion Ratio Lower Upper
276 100
138 27.9 23.4 35.0
277 24.4 21.0 31.4

