

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036954.D
 Acq On : 11 Oct 2022 20:41
 Operator : CG/JU
 Sample : N5024-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:28:01 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	8353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29885	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	16290	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	31735	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	17895	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14852	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	50955	4.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	12691	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	22055	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	50125	0.587	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	15928	0.305	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	17188	0.324	ng/ul	98
10) Acenaphthylene	14.302	152	91553	1.352	ng/ul	98
11) Acenaphthene	14.640	153	8273	0.141	ng/ul	98
12) Fluorene	15.621	166	13794	0.207	ng/ul#	99
15) Phenanthrene	17.356	178	744865	7.352	ng/ul	99
16) Anthracene	17.448	178	70288	0.830	ng/ul	98
19) Fluoranthene	19.364	202	1010344	14.195	ng/ul	99
20) Pyrene	19.726	202	787447	10.609	ng/ul	100
21) Benzo(a)anthracene	21.468	228	222147	3.436	ng/ul	99
22) Chrysene	21.520	228	299944	4.321	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	409280	6.169	ng/ul	85
25) Benzo(k)fluoranthene	23.192	252	113294m	1.752	ng/ul	
26) Benzo(a)pyrene	23.774	252	213997	3.975	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.363	276	202084	2.650	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.376	278	44162	0.717	ng/ul	93
29) Benzo(g,h,i)perylene	27.131	276	191171	2.845	ng/ul	96

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

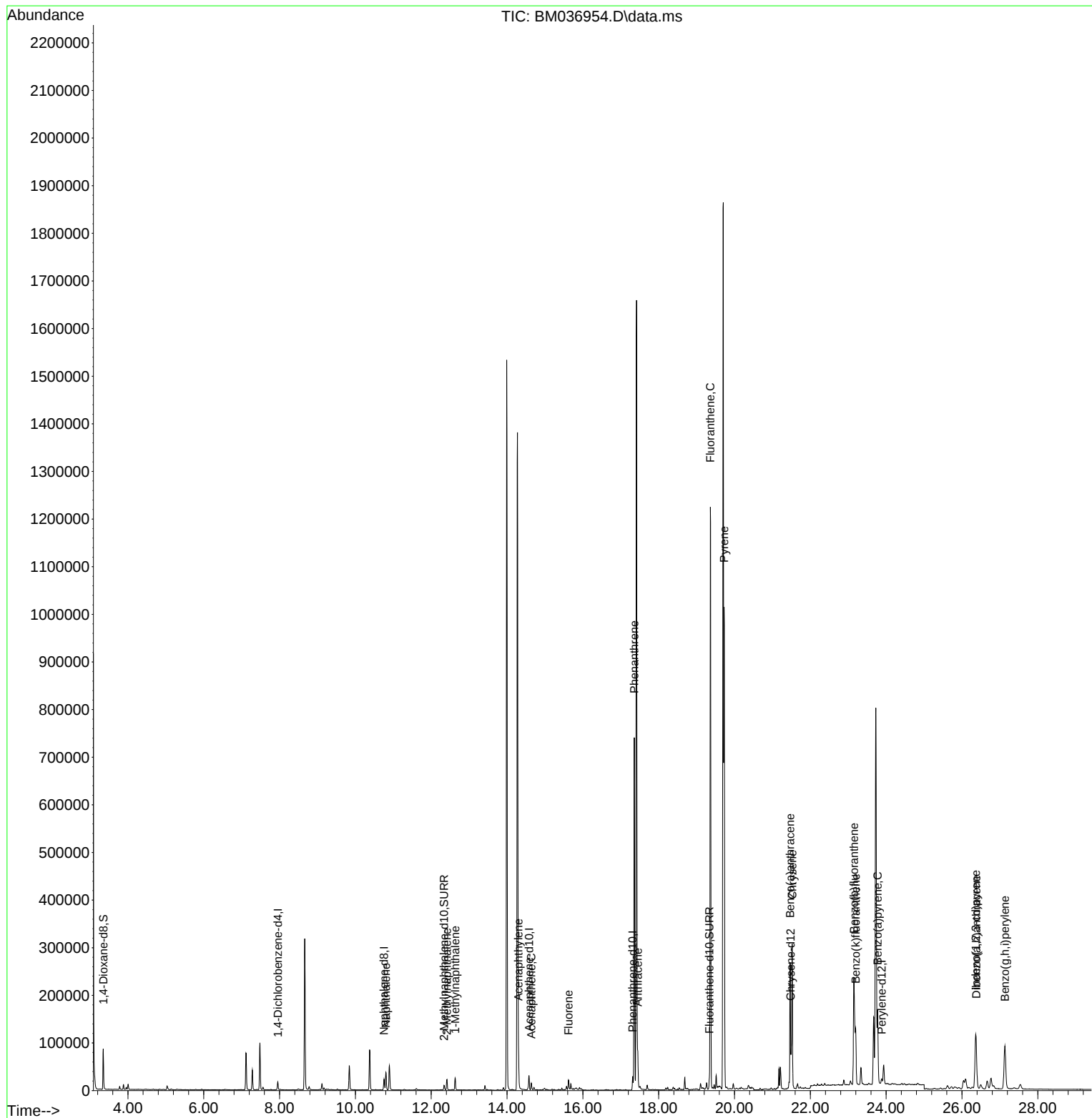
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036954.D
Acq On : 11 Oct 2022 20:41
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ALS Vial : 57 Sample Multiplier: 1

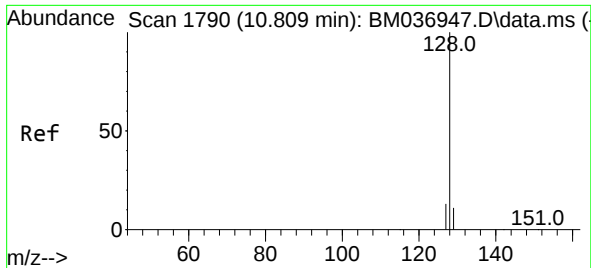
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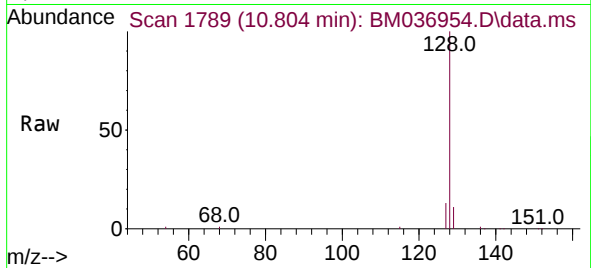
Quant Time: Oct 12 01:28:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.587 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

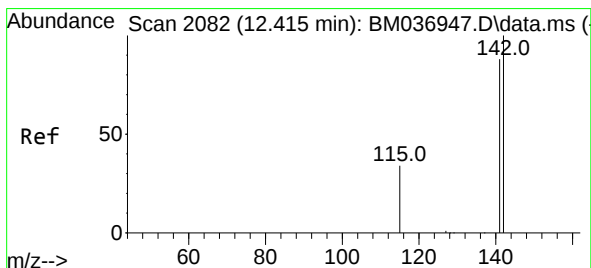
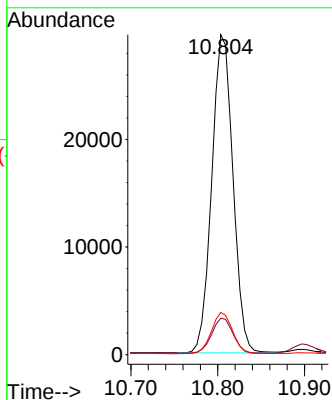
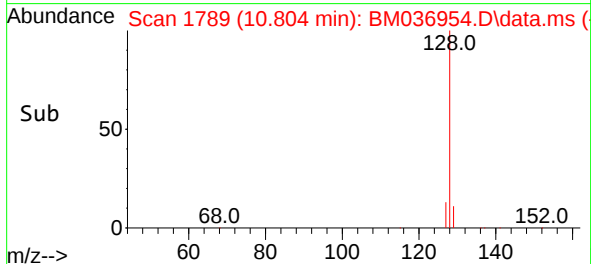
Instrument :
BNA_M
ClientSampleId :
C0BF6



Tgt Ion:128 Resp: 50125
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.2 11.7 17.5

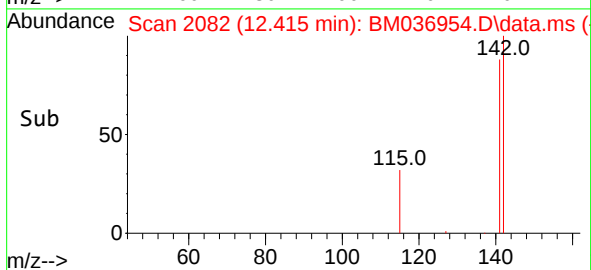
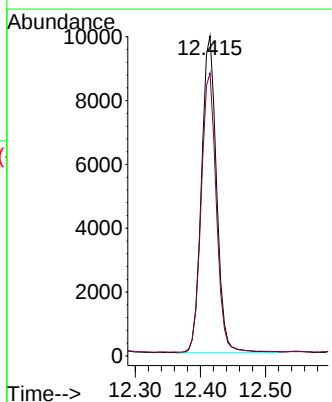
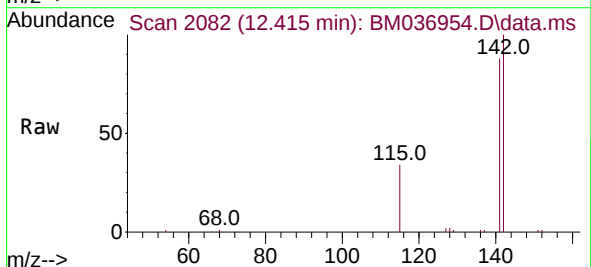
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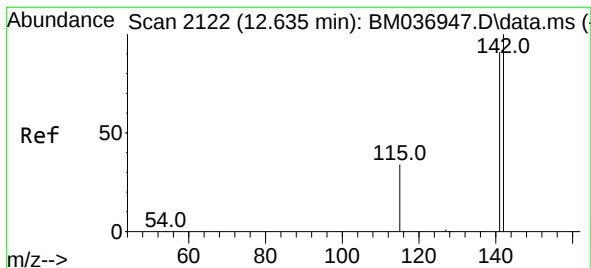
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

Tgt Ion:142 Resp: 15928
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.324 ng/ul

RT: 12.629 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM036954.D

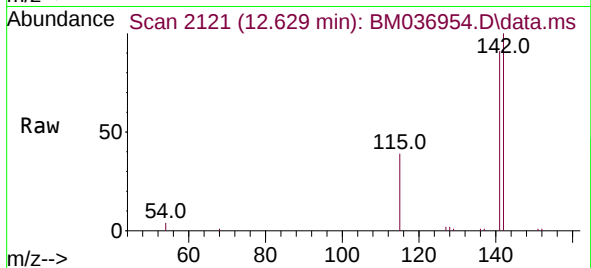
Acq: 11 Oct 2022 20:41

Instrument :

BNA_M

ClientSampleId :

C0BF6



Tgt Ion:142 Resp: 17188

Ion Ratio Lower Upper

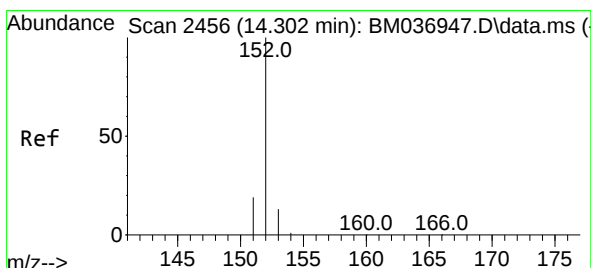
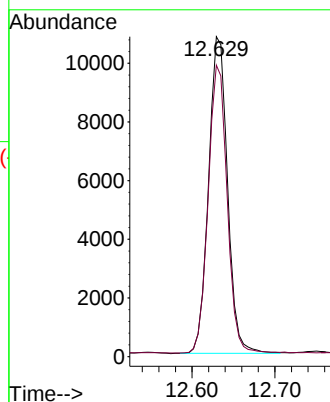
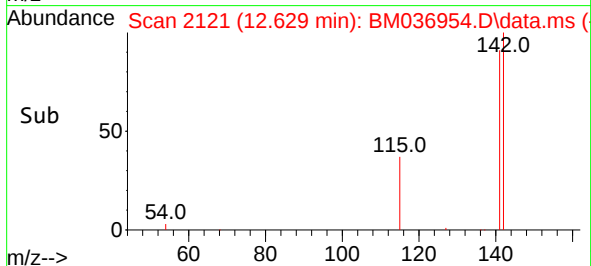
142 100

141 90.8 74.1 111.1

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#10

Acenaphthylene

Concen: 1.352 ng/ul

RT: 14.302 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BM036954.D

Acq: 11 Oct 2022 20:41

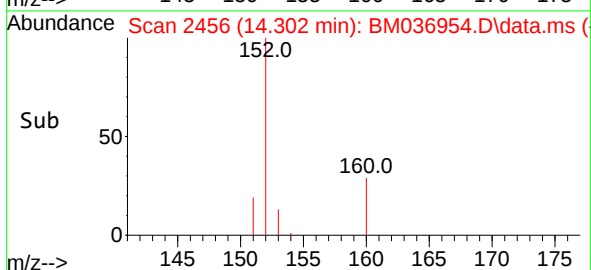
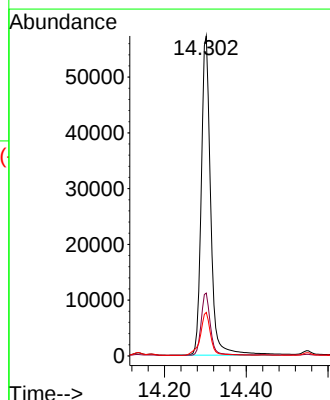
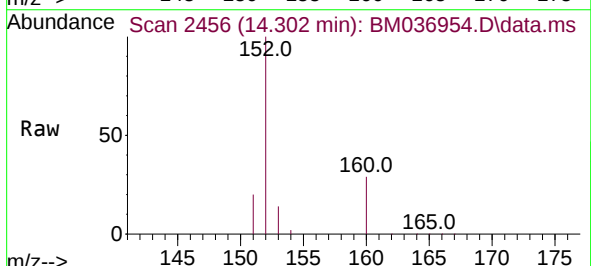
Tgt Ion:152 Resp: 91553

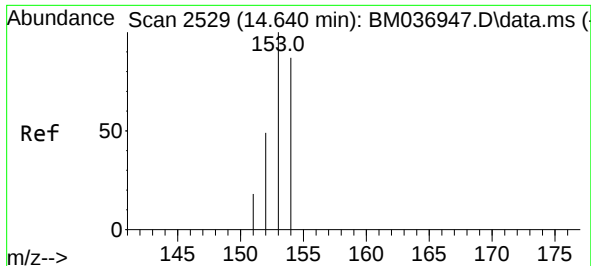
Ion Ratio Lower Upper

152 100

151 19.6 16.6 24.8

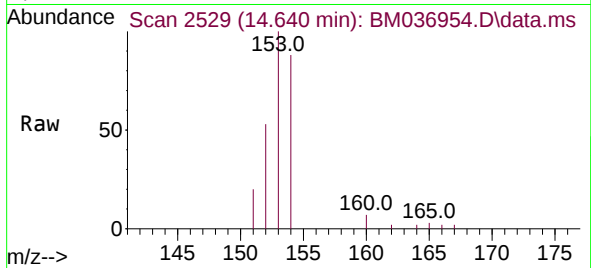
153 13.6 11.4 17.0





#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

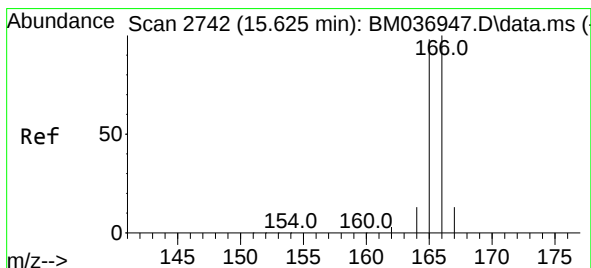
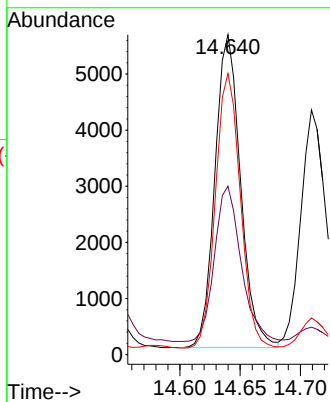
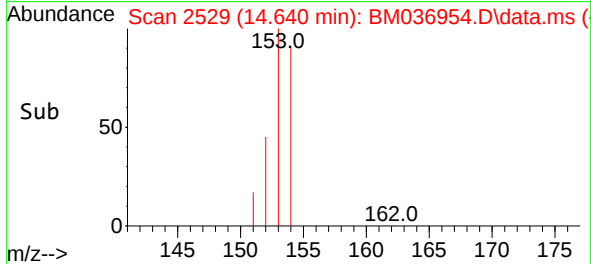
Instrument :
BNA_M
ClientSampleId :
C0BF6



Tgt Ion:153 Resp: 8273
Ion Ratio Lower Upper
153 100
152 52.6 40.2 60.4
154 87.8 69.7 104.5

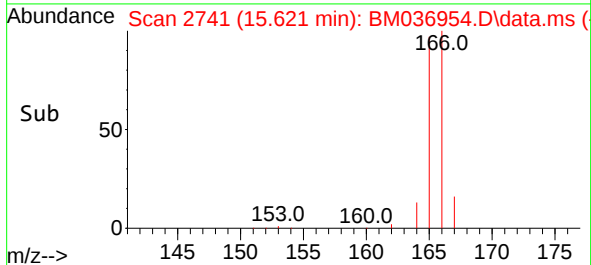
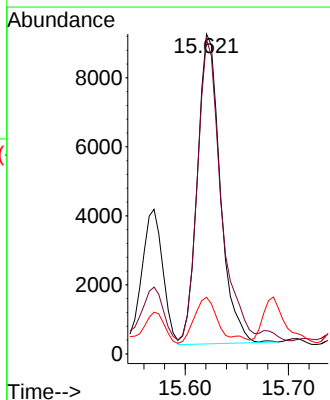
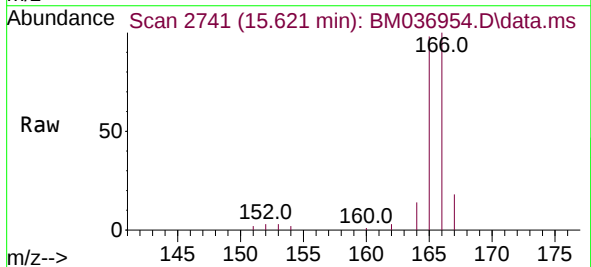
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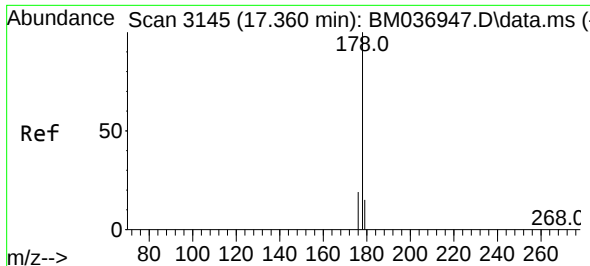
Reviewed By :Jagrut Upadhyay 10/12/2022
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#12
Fluorene
Concen: 0.207 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

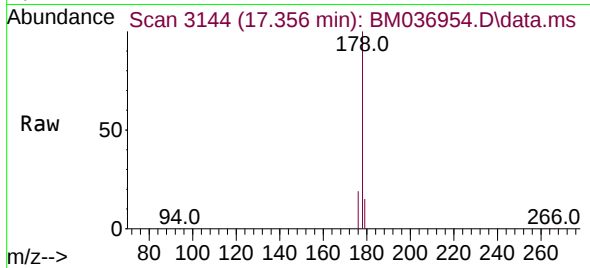
Tgt Ion:166 Resp: 13794
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 17.7 11.3 16.9#





#15
Phenanthrene
Concen: 7.352 ng/ul
RT: 17.356 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

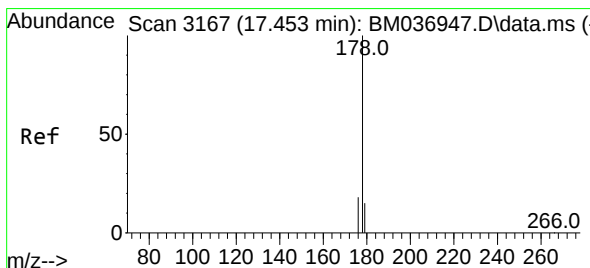
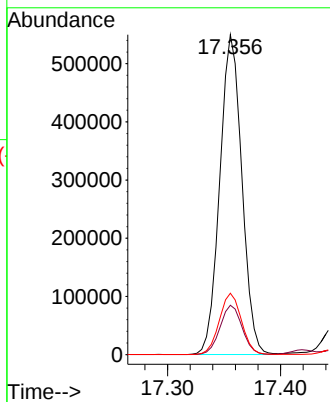
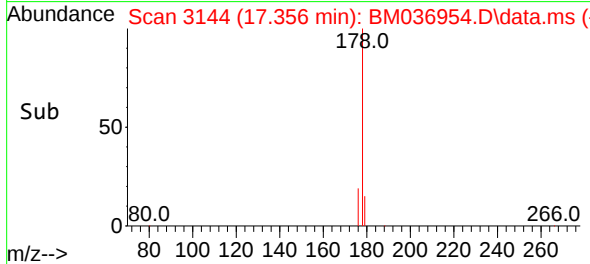
Instrument :
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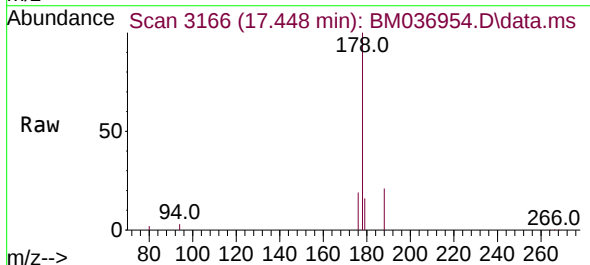
Tgt Ion:178 Resp: 744865
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.2 15.6 23.4

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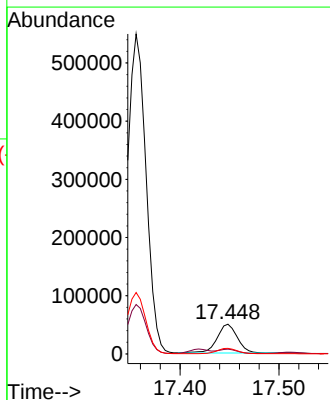
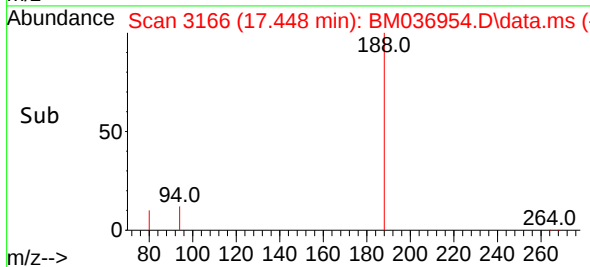
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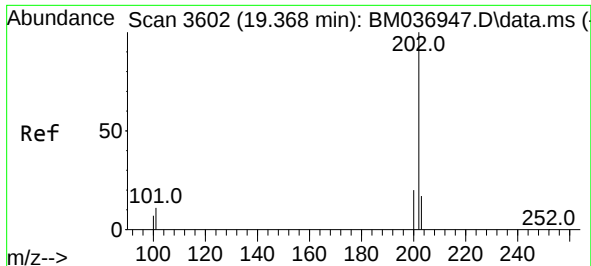


#16
Anthracene
Concen: 0.830 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41



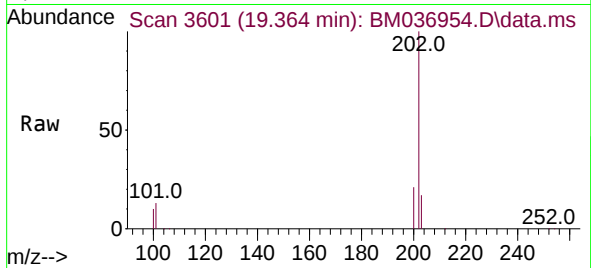
Tgt Ion:178 Resp: 70288
Ion Ratio Lower Upper
178 100
179 16.1 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 14.195 ng/ul
RT: 19.364 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

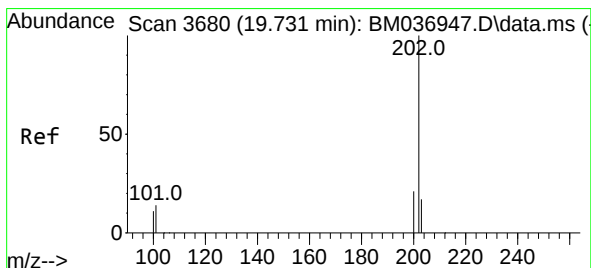
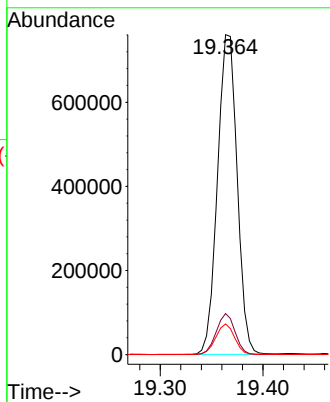
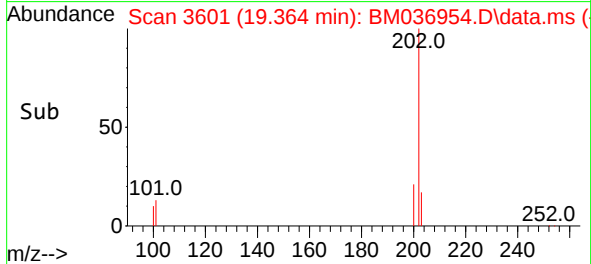
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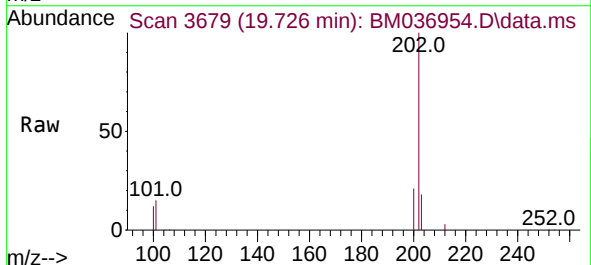
Tgt Ion:202 Resp: 1010344
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.6 7.9 11.9

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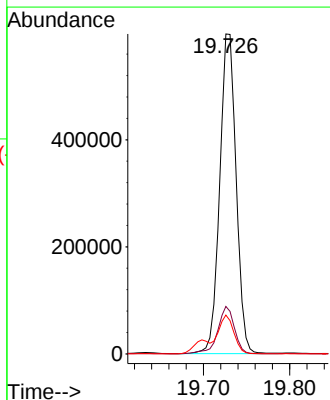
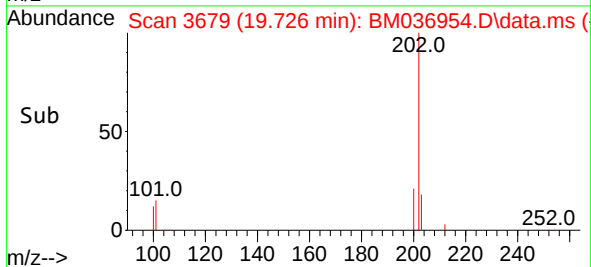
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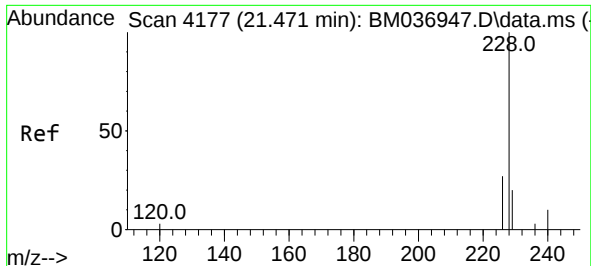


#20
Pyrene
Concen: 10.609 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41



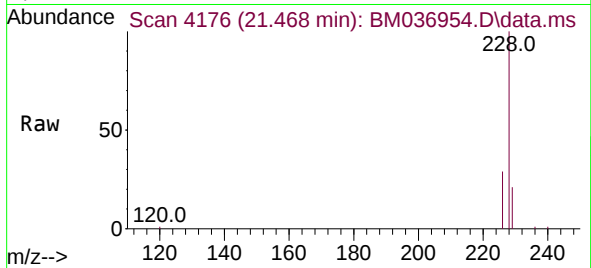
Tgt Ion:202 Resp: 787447
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.436 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

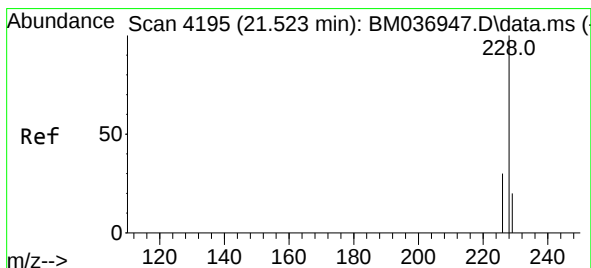
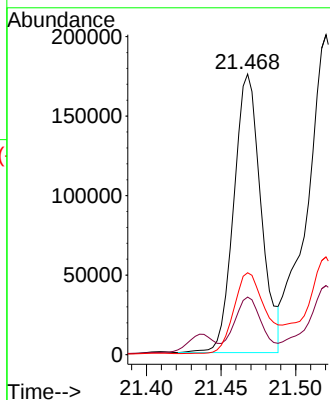
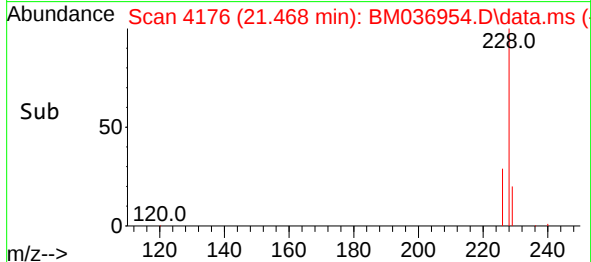
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Tgt Ion:228 Resp: 222147
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 29.2 22.5 33.7

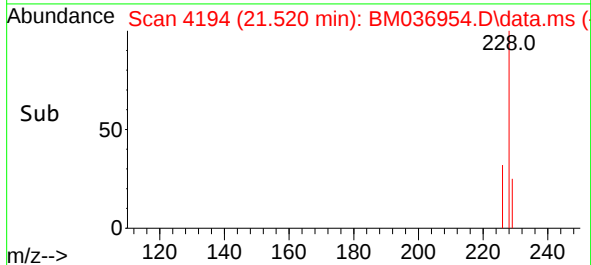
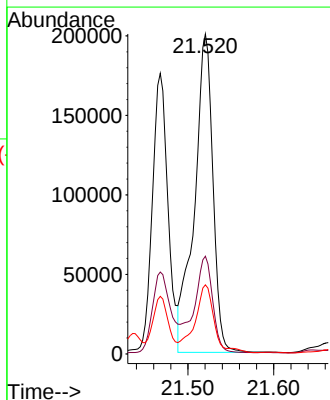
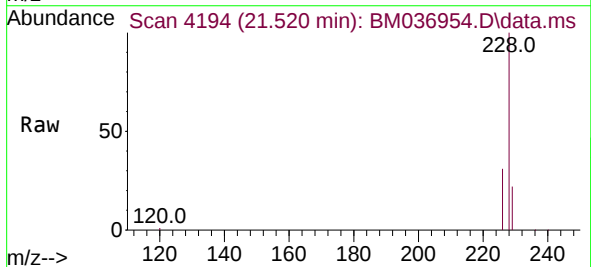
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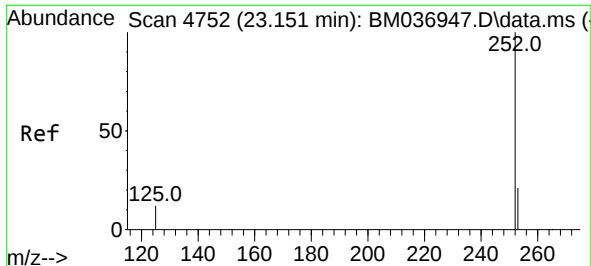
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 4.321 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

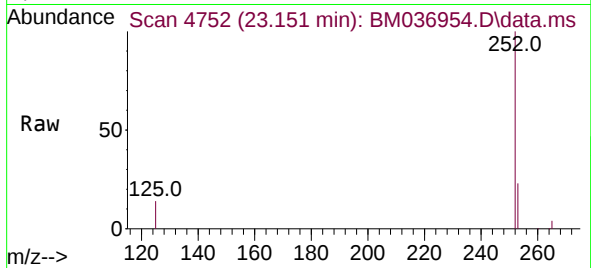
Tgt Ion:228 Resp: 299944
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.169 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

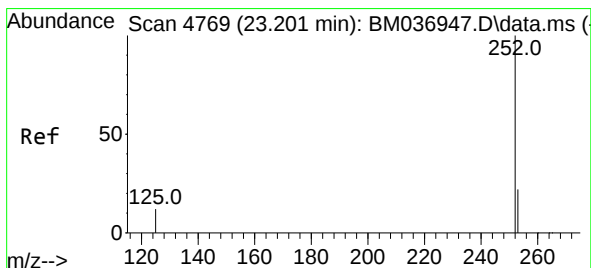
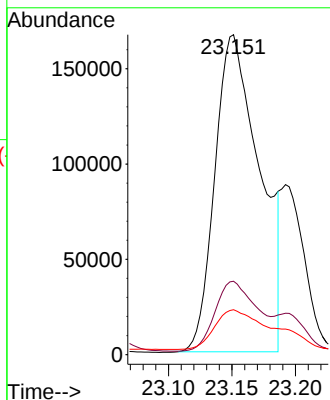
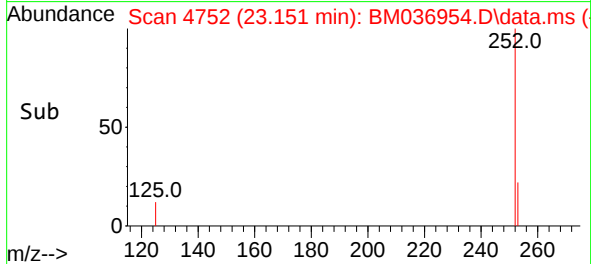
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 409280
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.4
125 14.0 0.0 42.6

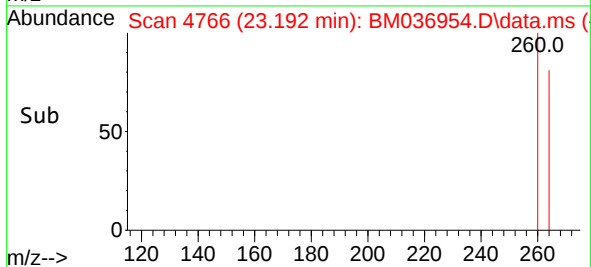
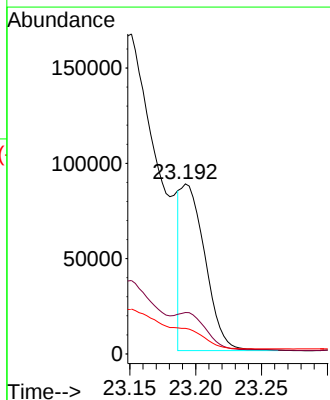
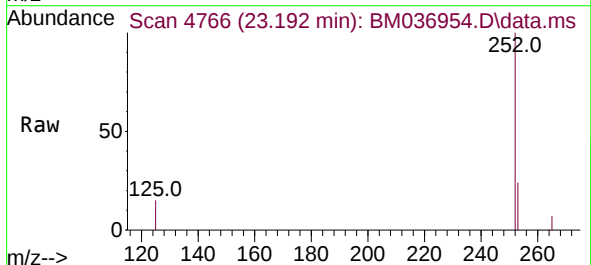
Manual Integrations
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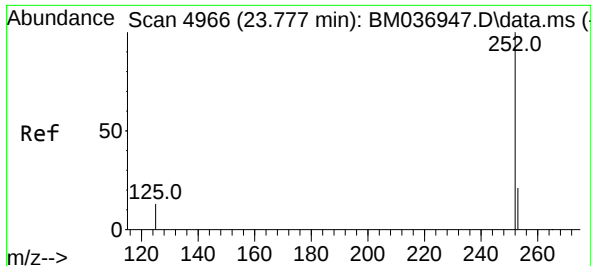
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 1.752 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.003 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

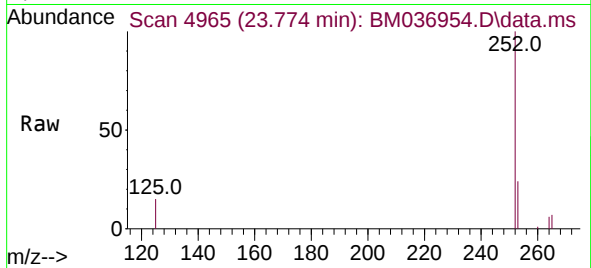
Tgt Ion:252 Resp: 113294
Ion Ratio Lower Upper
252 100
253 24.3 25.2 37.8#
125 15.0 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 3.975 ng/ul
RT: 23.774 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

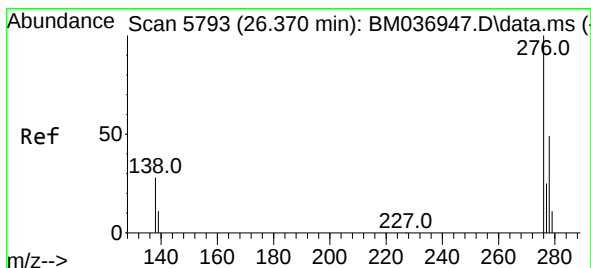
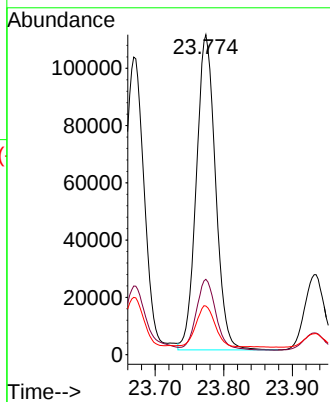
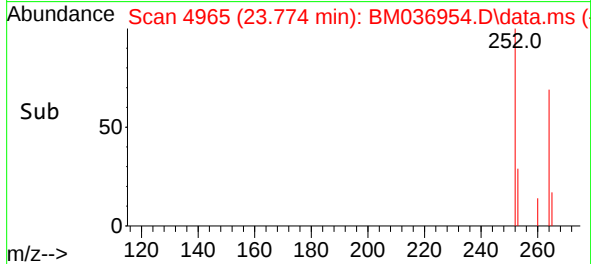
Instrument :
BNA_M
ClientSampleId :
C0BF6



Tgt Ion:252 Resp: 213997
Ion Ratio Lower Upper
252 100
253 23.5 29.7 44.5
125 15.2 23.6 35.4

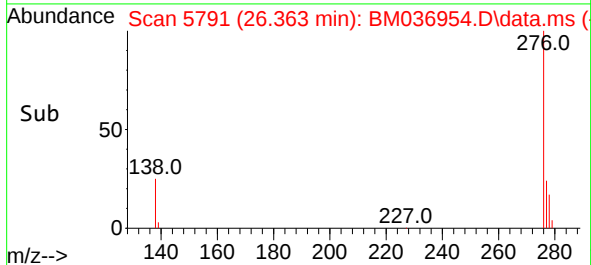
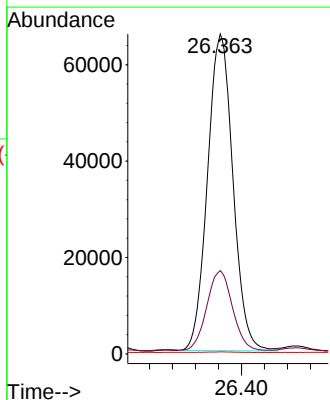
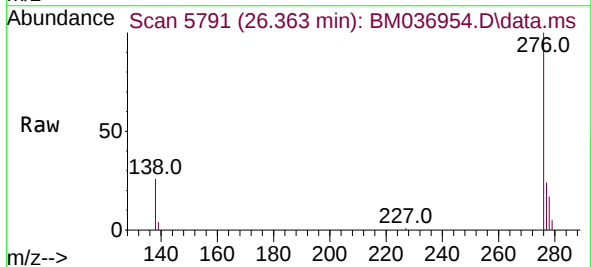
Manual Integrations
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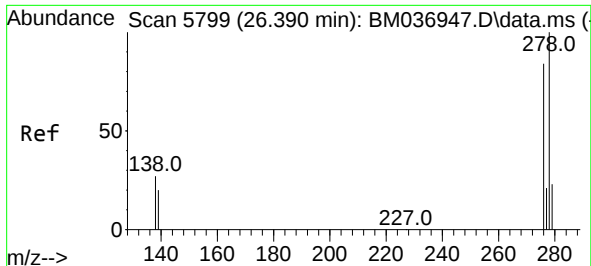
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.650 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

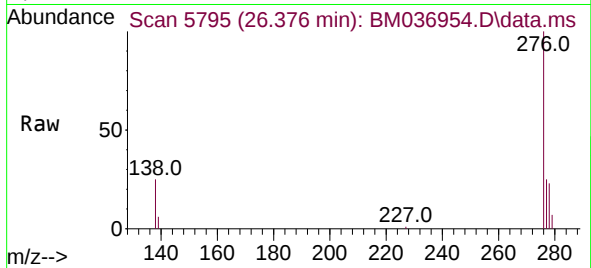
Tgt Ion:276 Resp: 202084
Ion Ratio Lower Upper
276 100
138 25.3 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.717 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

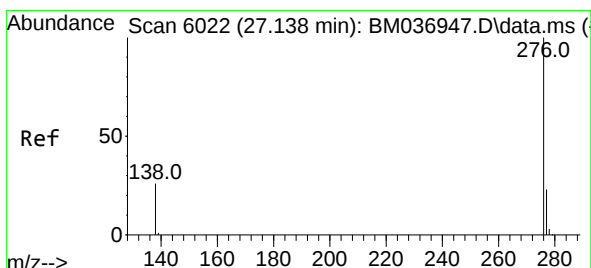
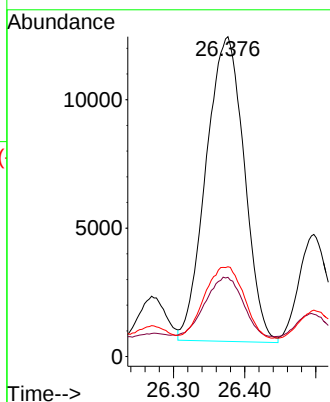
Instrument :
BNA_M
ClientSampleId :
C0BF6



Tgt Ion:278 Resp: 44162
Ion Ratio Lower Upper
278 100
139 24.8 19.8 29.6
279 28.1 27.7 41.5

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



#29
Benzo(g,h,i)perylene
Concen: 2.845 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM036954.D
Acq: 11 Oct 2022 20:41

Tgt Ion:276 Resp: 191171
Ion Ratio Lower Upper
276 100
138 26.8 23.4 35.0
277 24.2 21.0 31.4

