

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036922.D
 Acq On : 11 Oct 2022 00:21
 Operator : CG/JU
 Sample : N4991-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 02:19:10 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	31407	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	19905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	36093	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	21105	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	18786	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	45555	3.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	13978	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	26186	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	636389	7.088	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	518410	9.439	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	400094	7.172	ng/ul	98
10) Acenaphthylene	14.302	152	63976	0.773	ng/ul#	86
11) Acenaphthene	14.640	153	62559	0.871	ng/ul	100
12) Fluorene	15.625	166	75234	0.925	ng/ul#	97
15) Phenanthrene	17.360	178	1552186	13.471	ng/ul	99
16) Anthracene	17.448	178	253367	2.631	ng/ul	98
19) Fluoranthene	19.368	202	2323118	27.675	ng/ul	99
20) Pyrene	19.731	202	2057705	23.506	ng/ul	98
21) Benzo(a)anthracene	21.468	228	1027485	13.475	ng/ul	99
22) Chrysene	21.523	228	1096225	13.390	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	1294535	15.425	ng/ul	85
25) Benzo(k)fluoranthene	23.195	252	476499m	5.827	ng/ul	
26) Benzo(a)pyrene	23.777	252	993516	14.591	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.370	276	671482	6.962	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.376	278	171789	2.204	ng/ul	94
29) Benzo(g,h,i)perylene	27.134	276	633885	7.458	ng/ul	96

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

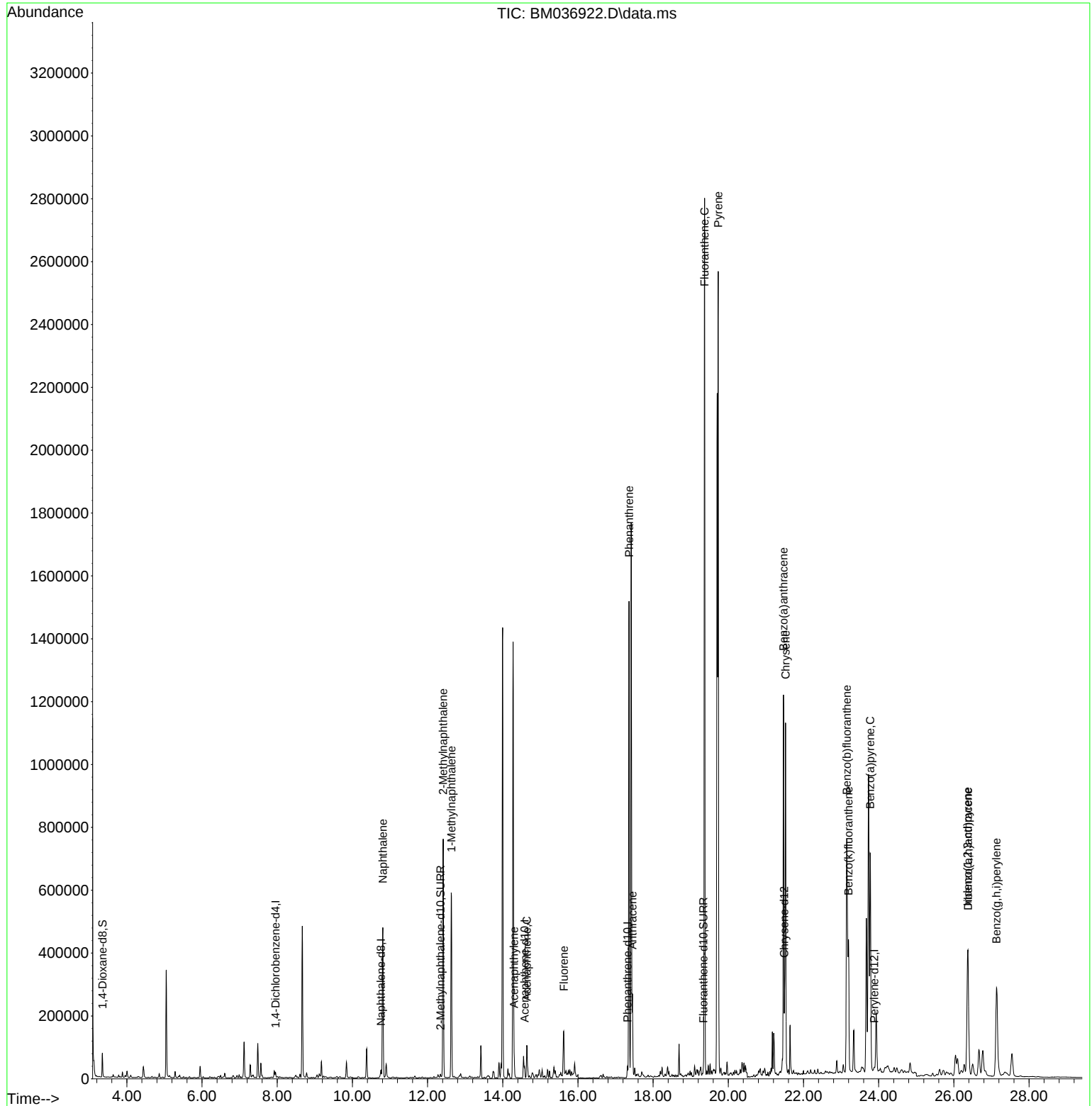
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036922.D
Acq On : 11 Oct 2022 00:21
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Sample : N4991-06
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ALS Vial : 24 Sample Multiplier: 1

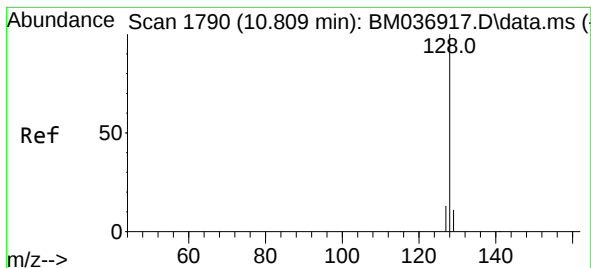
Instrument :
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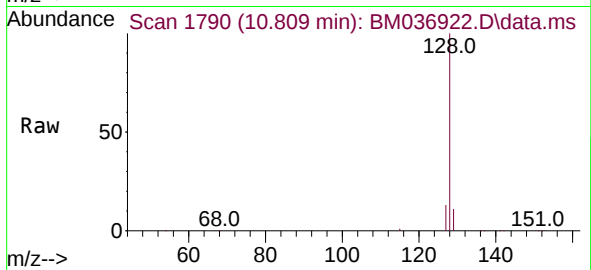
Quant Time: Oct 11 02:19:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 7.088 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

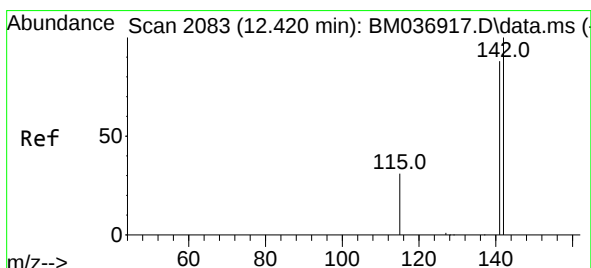
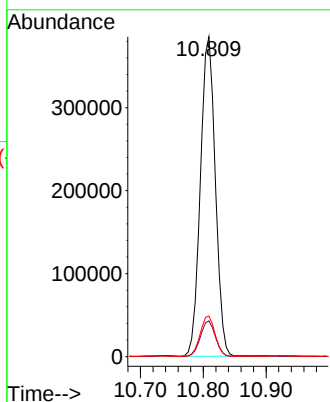
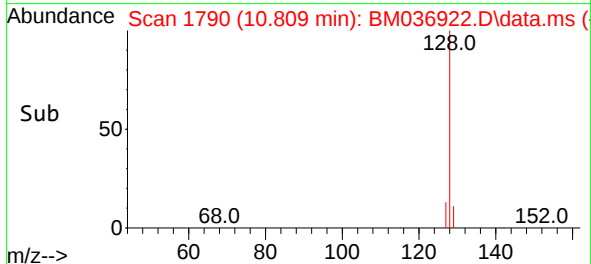
Instrument :
BNA_M
ClientSampleId :
C0BF7



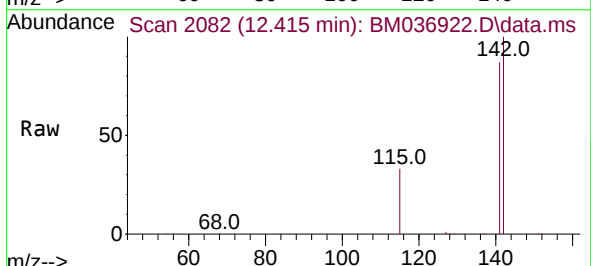
Tgt Ion:128 Resp: 636389
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.7 11.7 17.5

Manual Integrations
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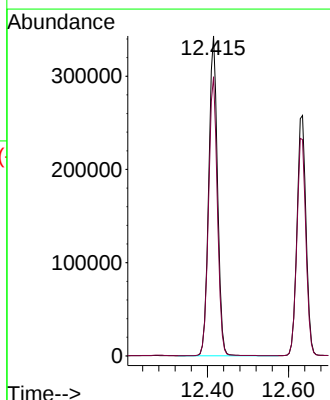
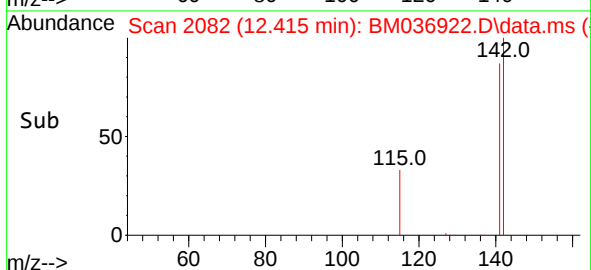
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

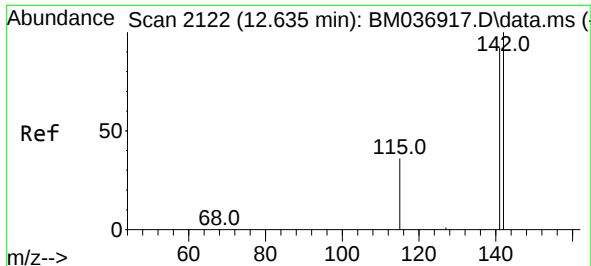


#7
2-Methylnaphthalene
Concen: 9.439 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21



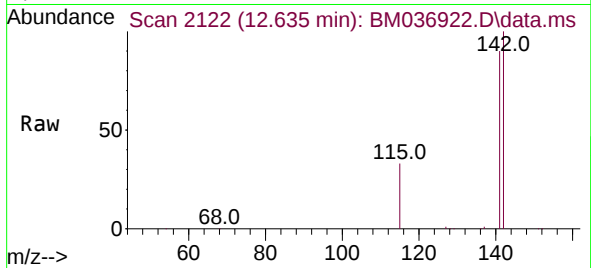
Tgt Ion:142 Resp: 518410
Ion Ratio Lower Upper
142 100
141 87.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 7.172 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

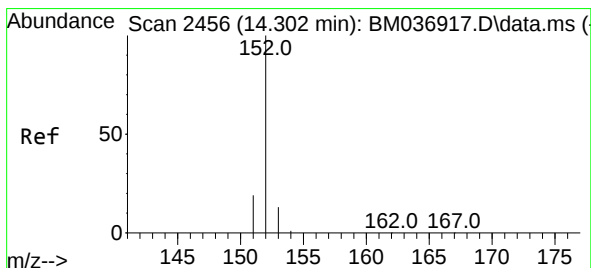
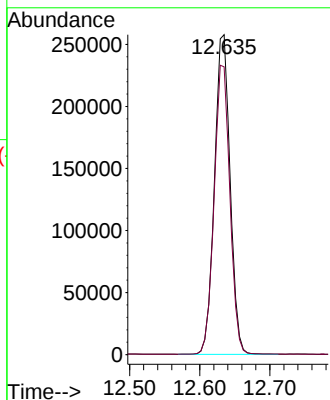
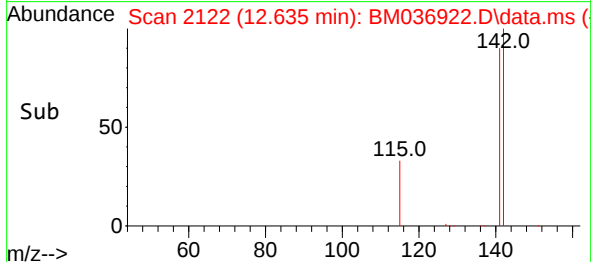
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:142 Resp: 400094
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

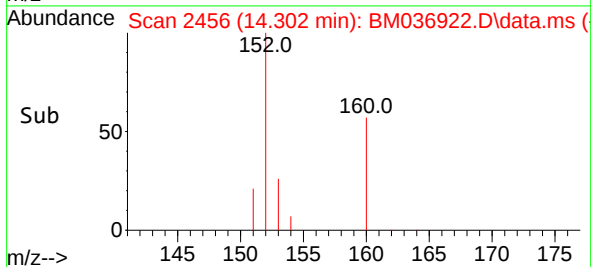
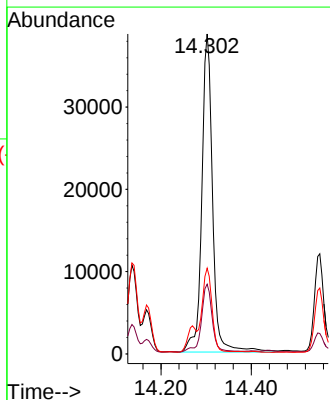
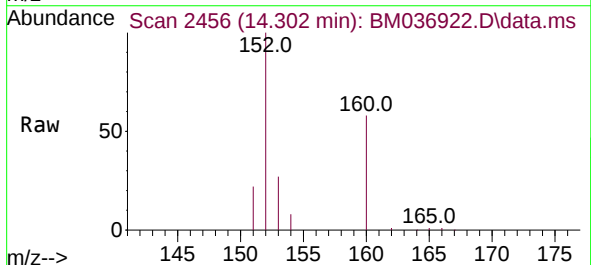
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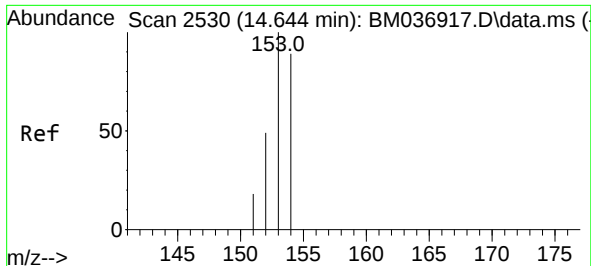
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.773 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

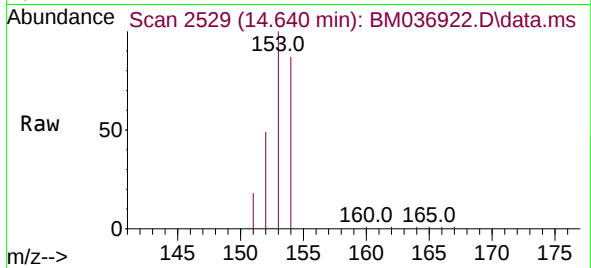
Tgt Ion:152 Resp: 63976
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 26.8 11.4 17.0#





#11
Acenaphthene
Concen: 0.871 ng/ul
RT: 14.640 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

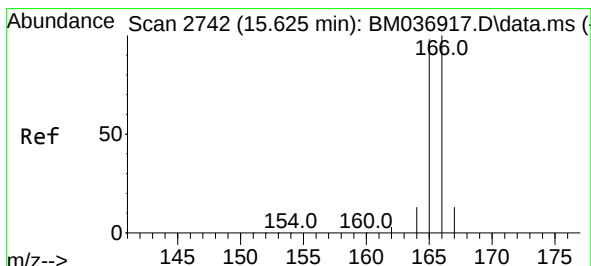
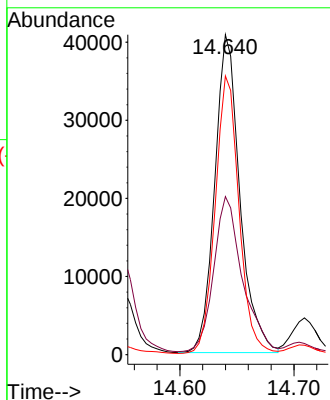
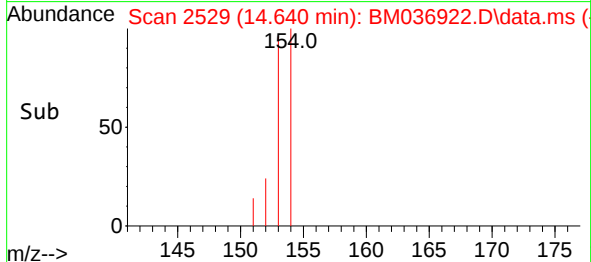
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:153 Resp: 62559
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.1 69.7 104.5

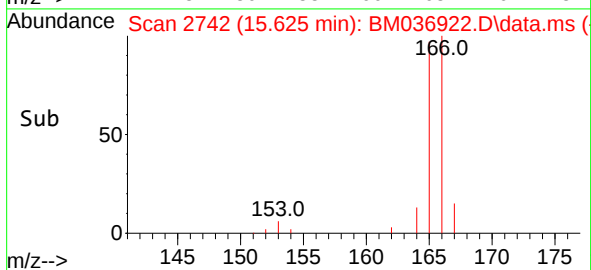
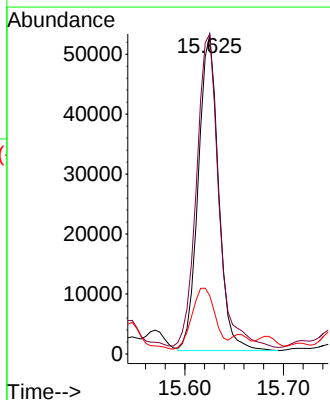
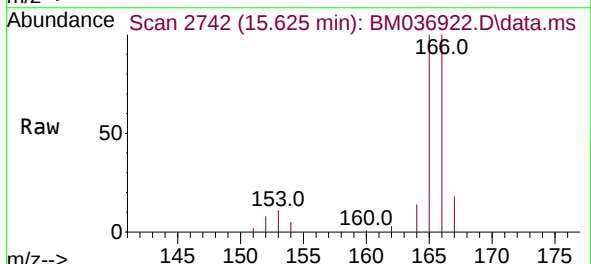
Manual Integrations
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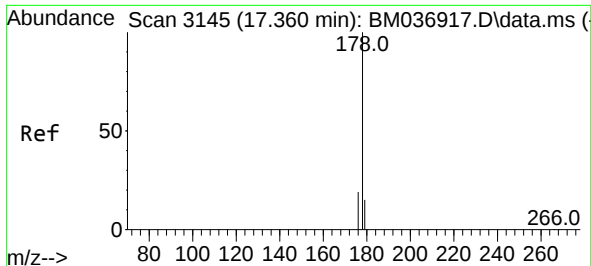
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.925 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

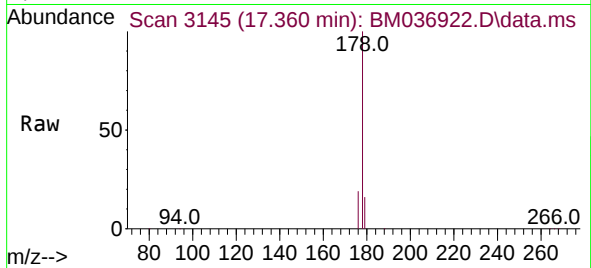
Tgt Ion:166 Resp: 75234
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 18.3 11.3 16.9#





#15
Phenanthrene
Concen: 13.471 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

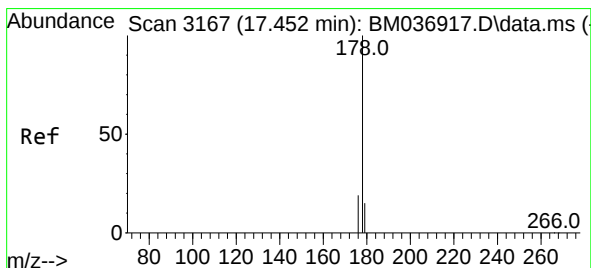
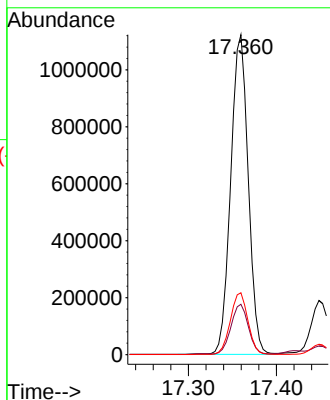
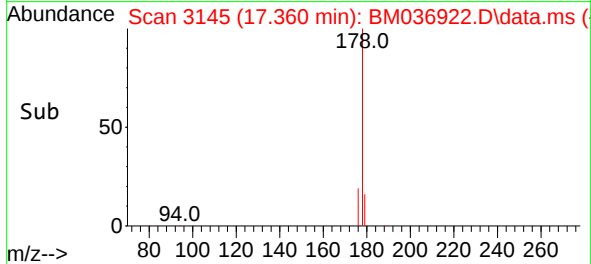
Instrument :
BNA_M
ClientSampleId :
C0BF7



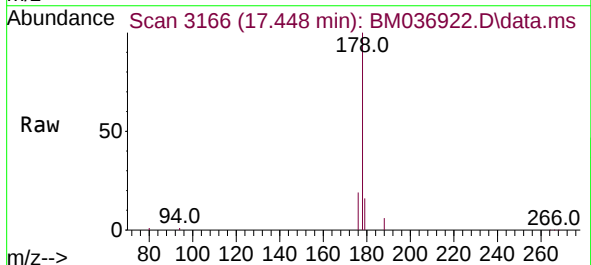
Tgt Ion:178 Resp: 1552186
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.6 23.4

Manual Integrations
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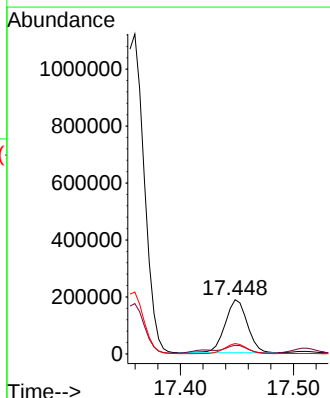
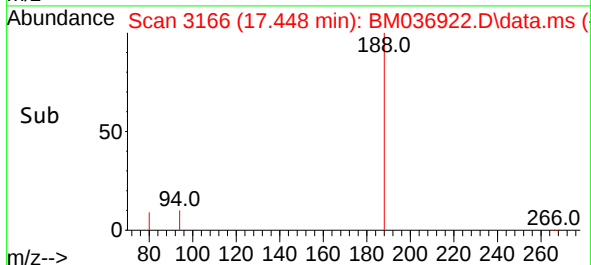
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

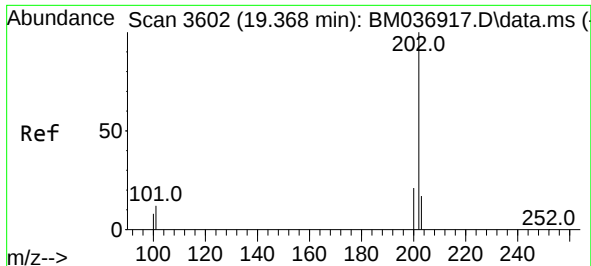


#16
Anthracene
Concen: 2.631 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21



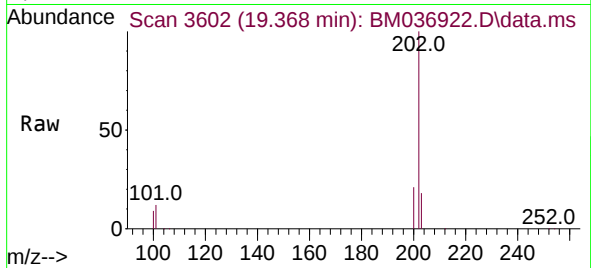
Tgt Ion:178 Resp: 253367
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 27.675 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

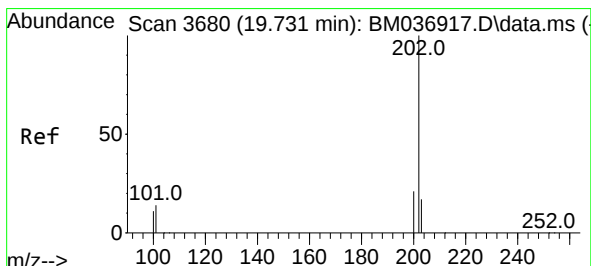
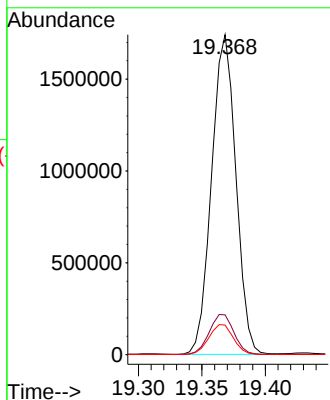
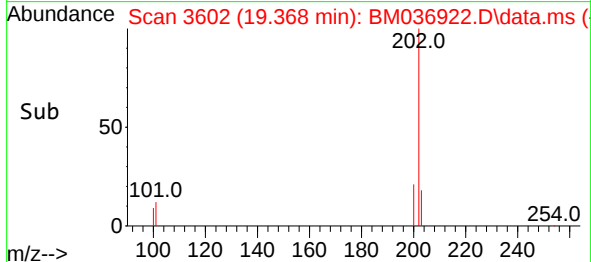
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:202 Resp: 2323118
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.2 7.9 11.9

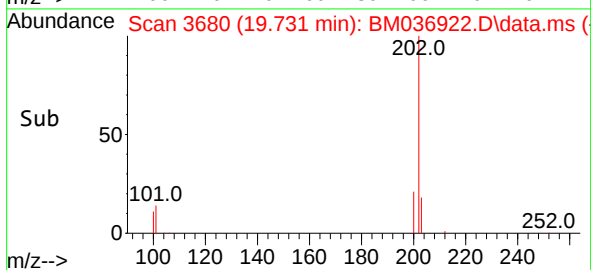
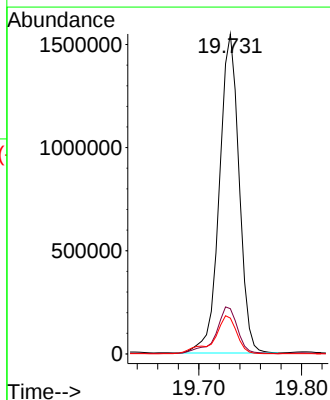
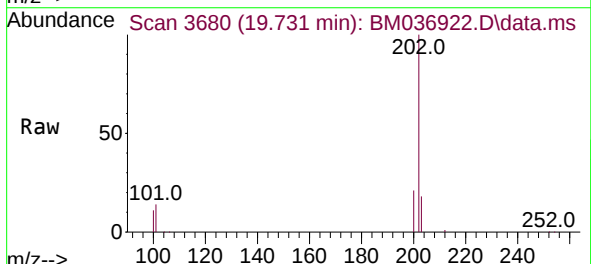
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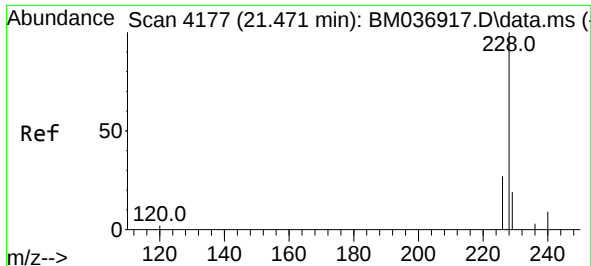
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 23.506 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

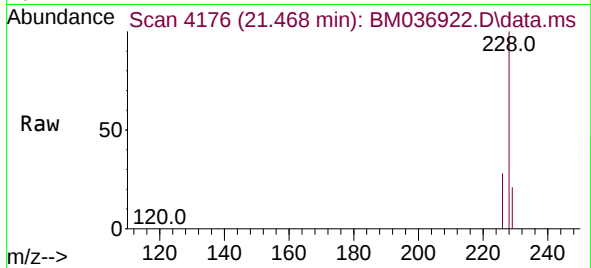
Tgt Ion:202 Resp: 2057705
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 13.475 ng/u1
RT: 21.468 min Scan# 4177
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

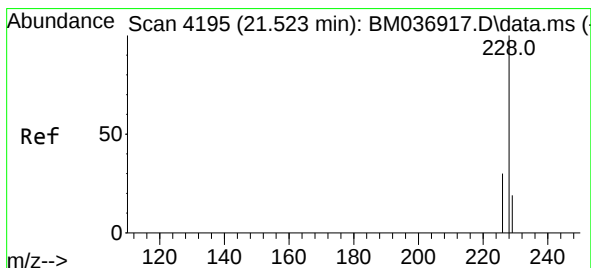
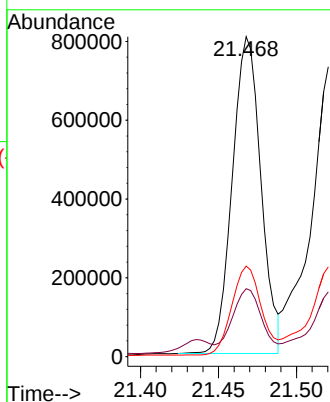
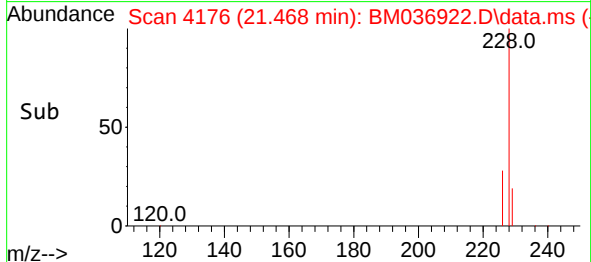
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:228 Resp: 1027485
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 28.3 22.5 33.7

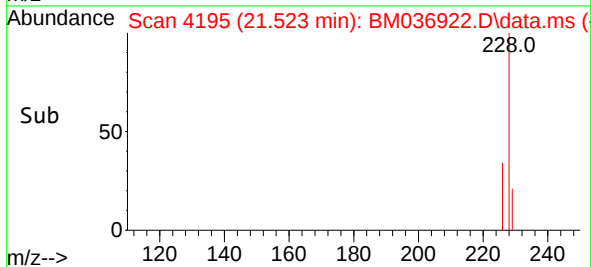
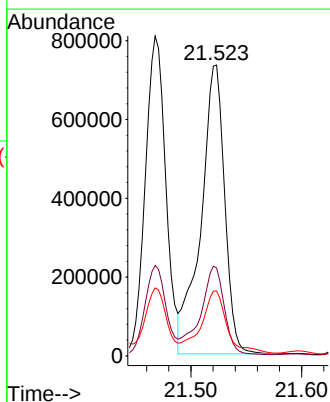
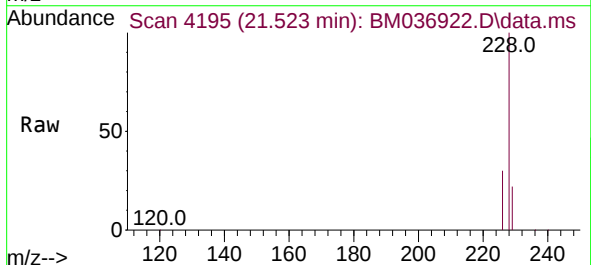
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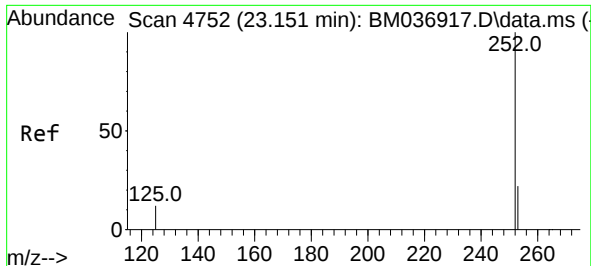
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 13.390 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

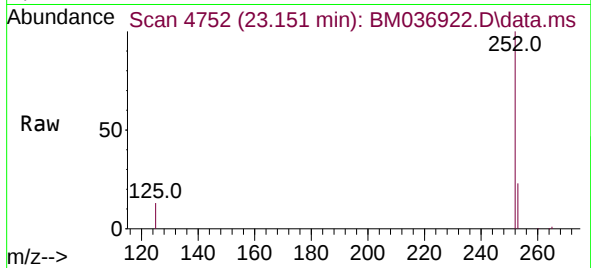
Tgt Ion:228 Resp: 1096225
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 15.425 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

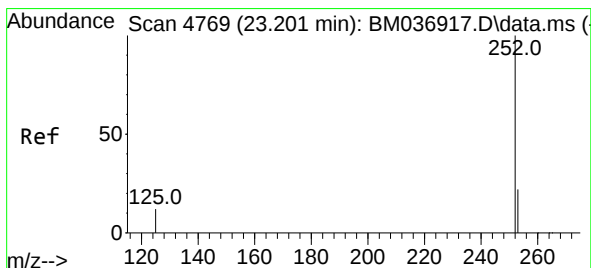
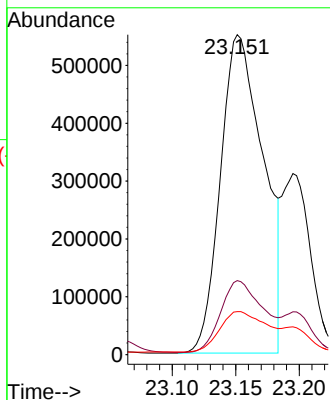
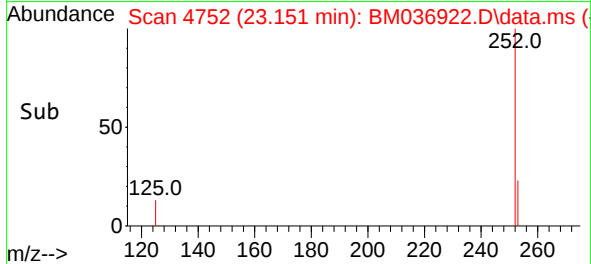
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:252 Resp: 1294535
Ion Ratio Lower Upper
252 100
253 23.2 0.0 61.4
125 13.4 0.0 42.6

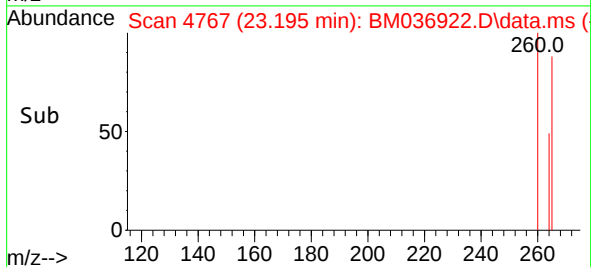
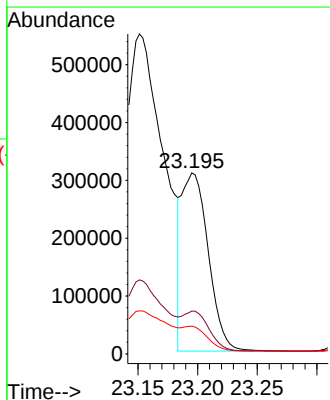
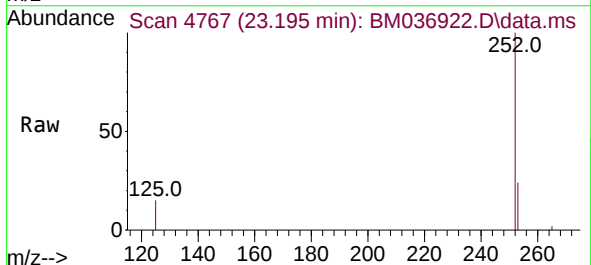
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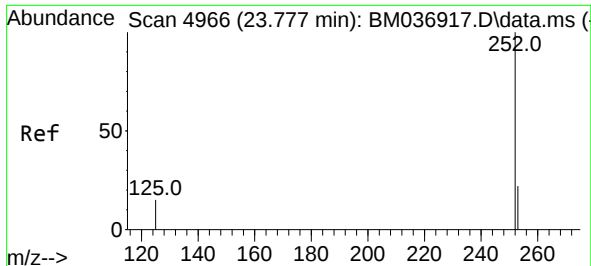
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 5.827 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.008 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

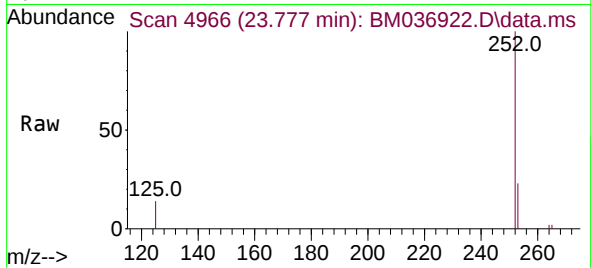
Tgt Ion:252 Resp: 476499
Ion Ratio Lower Upper
252 100
253 23.6 25.2 37.8#
125 15.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 14.591 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. -0.005 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

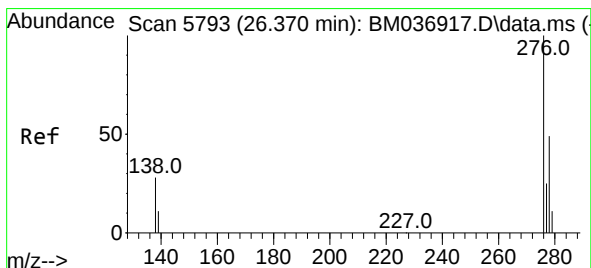
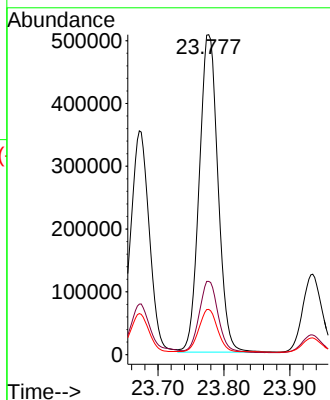
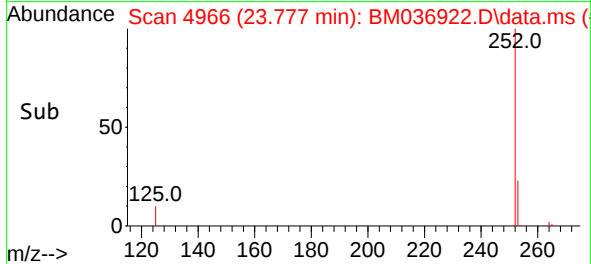
Instrument :
BNA_M
ClientSampleId :
C0BF7



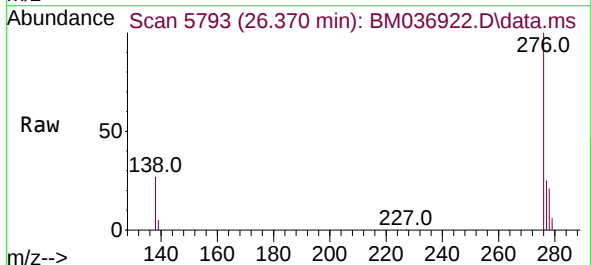
Tgt Ion:252 Resp: 993516
Ion Ratio Lower Upper
252 100
253 22.9 29.7 44.5
125 14.1 23.6 35.4

Manual Integrations
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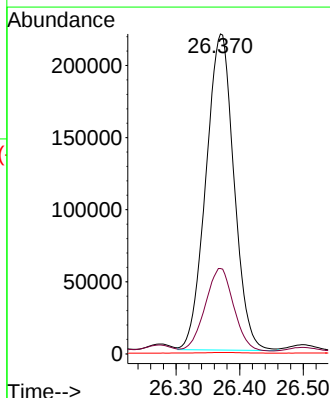
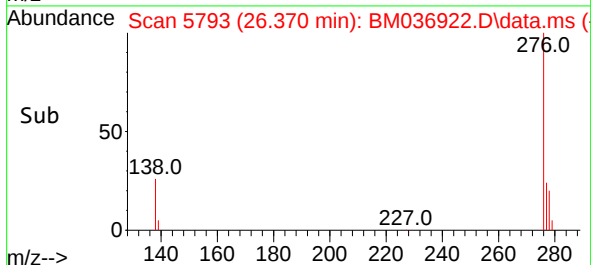
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

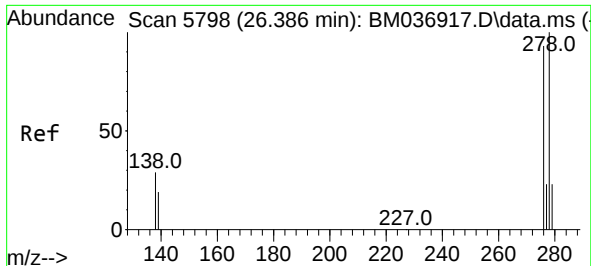


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.962 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. -0.013 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21



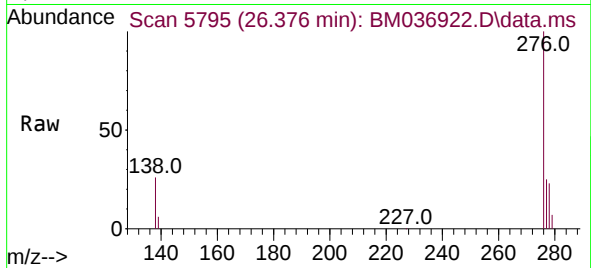
Tgt Ion:276 Resp: 671482
Ion Ratio Lower Upper
276 100
138 26.4 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.204 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

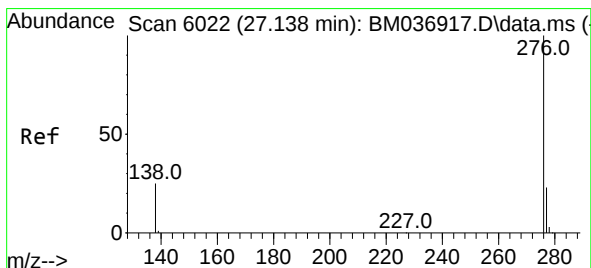
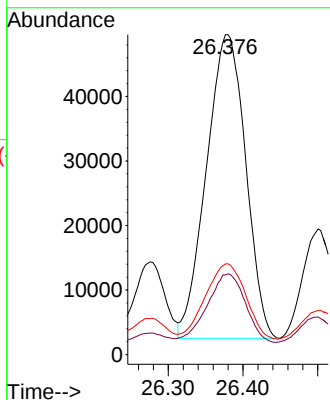
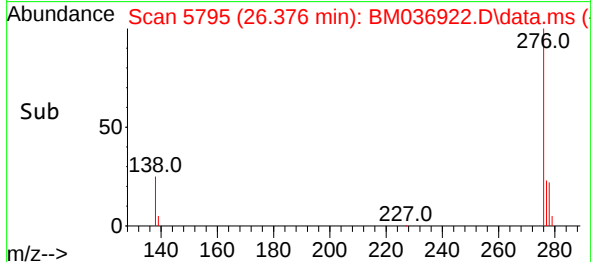
Instrument :
BNA_M
ClientSampleId :
C0BF7



Tgt Ion:278 Resp: 171789
Ion Ratio Lower Upper
278 100
139 24.9 19.8 29.6
279 28.3 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 7.458 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. -0.013 min
Lab File: BM036922.D
Acq: 11 Oct 2022 00:21

Tgt Ion:276 Resp: 633885
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 24.2 21.0 31.4

