

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036923.D
 Acq On : 11 Oct 2022 00:56
 Operator : CG/JU
 Sample : N4991-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP2

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:19:20 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	7.951	152	7531	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	26469	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	15246	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	27885	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	16265	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	14319	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	34384	3.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	10802	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	19573	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	238116	3.147	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	190445	4.114	ng/ul	92
8) 1-Methylnaphthalene	12.635	142	147009	3.127	ng/ul	99
10) Acenaphthylene	14.302	152	23305	0.368	ng/ul#	86
11) Acenaphthene	14.640	153	26884	0.489	ng/ul	100
12) Fluorene	15.625	166	30035	0.482	ng/ul#	98
15) Phenanthrene	17.355	178	598590	6.724	ng/ul	99
16) Anthracene	17.448	178	95015	1.277	ng/ul	98
19) Fluoranthene	19.368	202	1047122	16.186	ng/ul	96
20) Pyrene	19.726	202	889549	13.186	ng/ul	100
21) Benzo(a)anthracene	21.465	228	460236	7.832	ng/ul	100
22) Chrysene	21.520	228	466776	7.398	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	627209	9.805	ng/ul	85
25) Benzo(k)fluoranthene	23.192	252	207573m	3.330	ng/ul	
26) Benzo(a)pyrene	23.771	252	436445	8.409	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.363	276	313798	4.268	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.373	278	75686m	1.274	ng/ul	
29) Benzo(g,h,i)perylene	27.128	276	288398	4.452	ng/ul	96

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

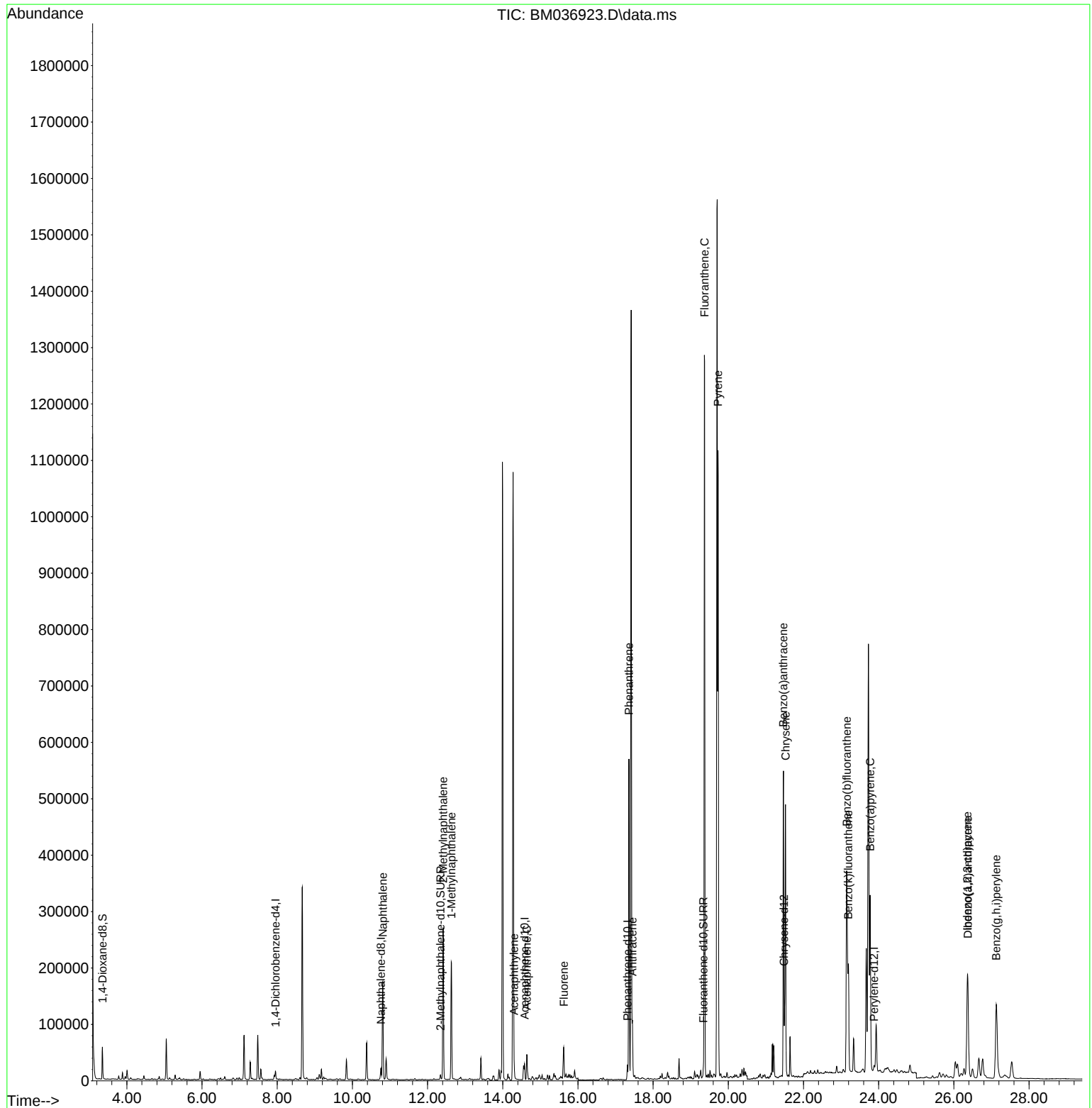
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036923.D
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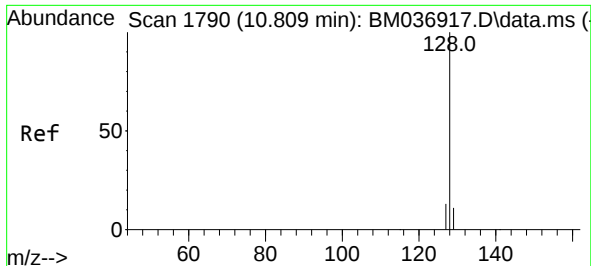
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Quant Time: Oct 11 02:19:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
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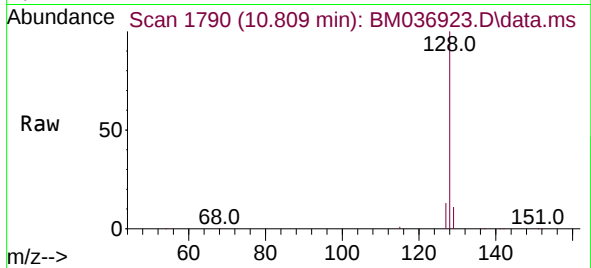
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022





#5
Naphthalene
Concen: 3.147 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

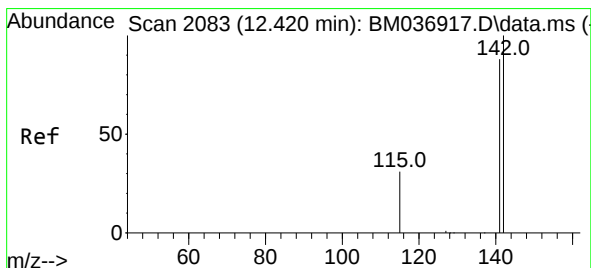
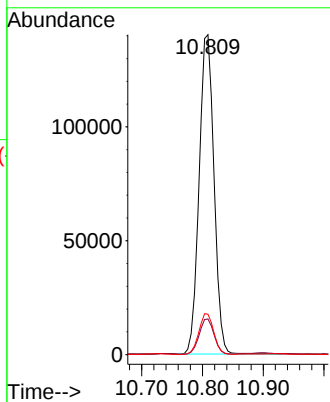
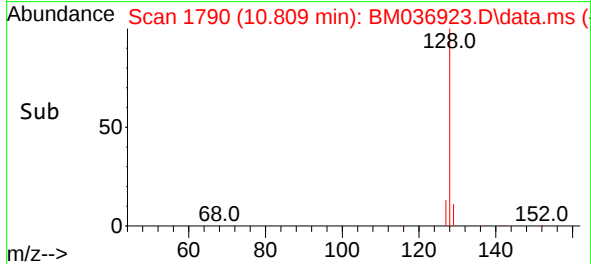
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:128 Resp: 238116
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.6 11.7 17.5

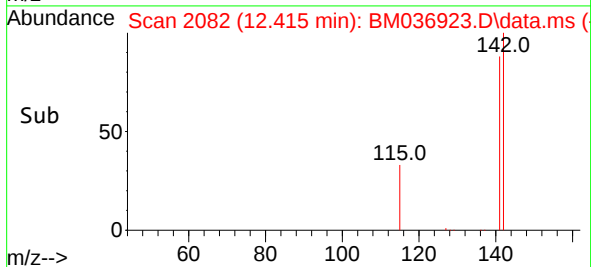
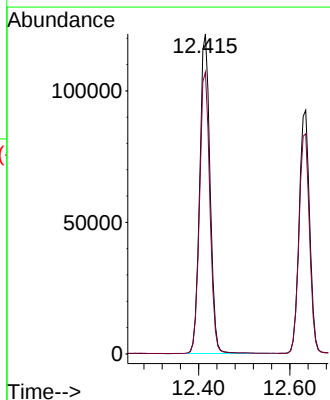
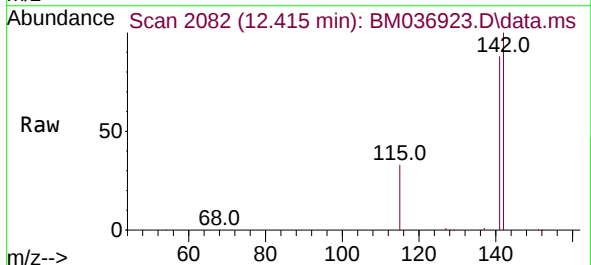
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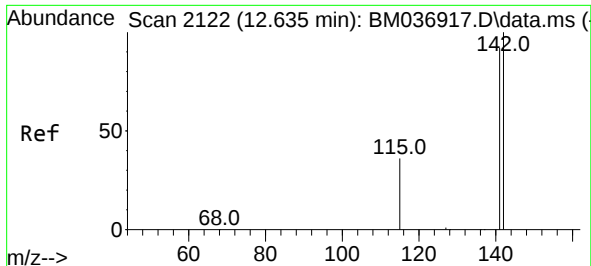
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 4.114 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

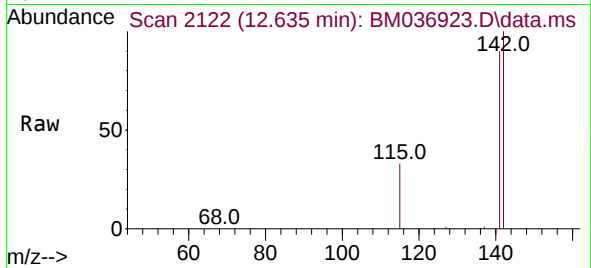
Tgt Ion:142 Resp: 190445
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0





#8
1-Methylnaphthalene
Concen: 3.127 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

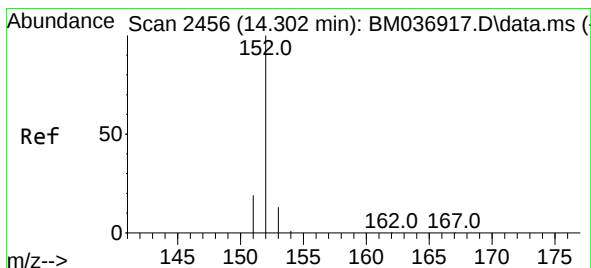
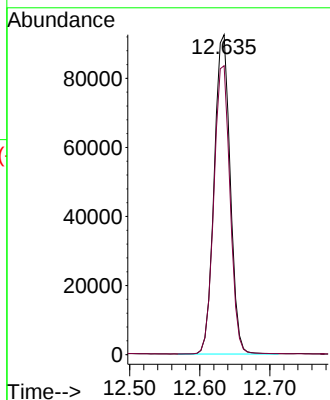
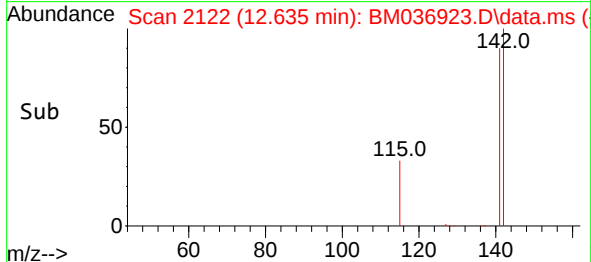
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:142 Resp: 147009
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1

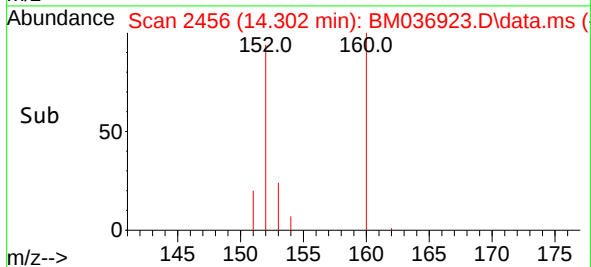
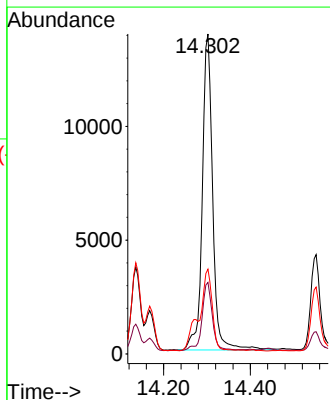
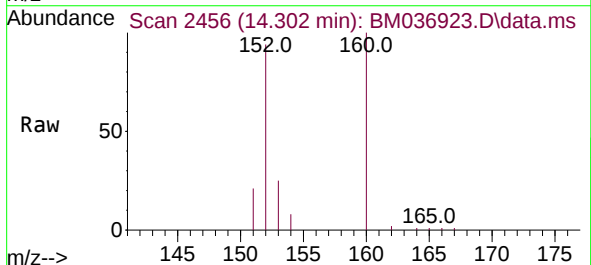
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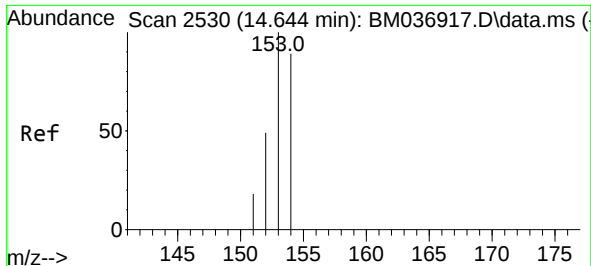
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.368 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

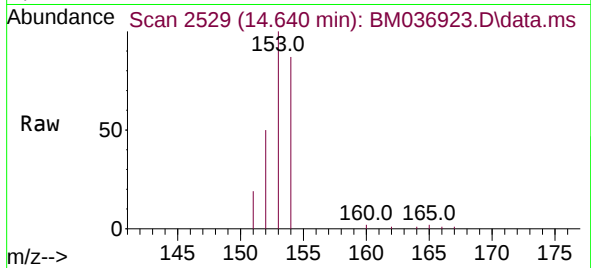
Tgt Ion:152 Resp: 23305
Ion Ratio Lower Upper
152 100
151 22.3 16.6 24.8
153 26.5 11.4 17.0#





#11
Acenaphthene
Concen: 0.489 ng/ul
RT: 14.640 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

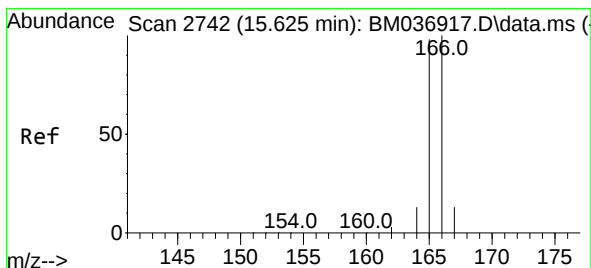
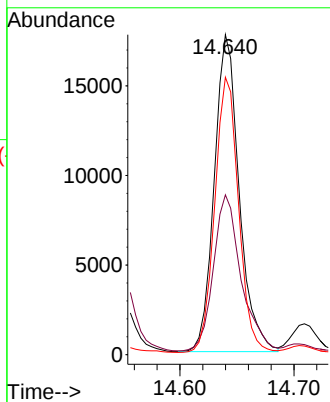
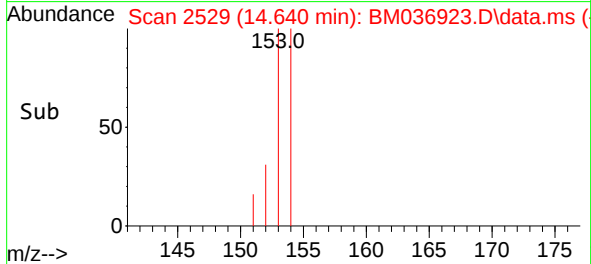
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:153 Resp: 26884
Ion Ratio Lower Upper
153 100
152 49.9 40.2 60.4
154 86.7 69.7 104.5

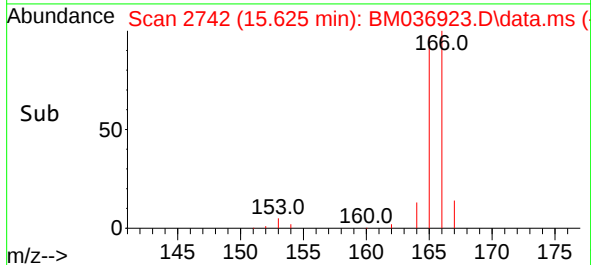
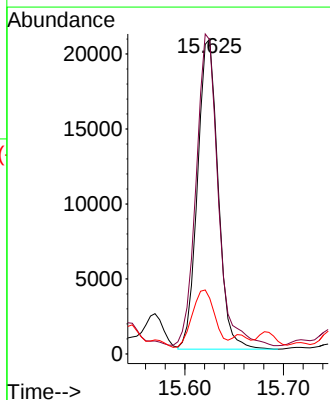
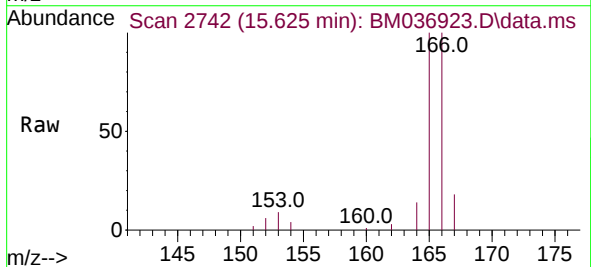
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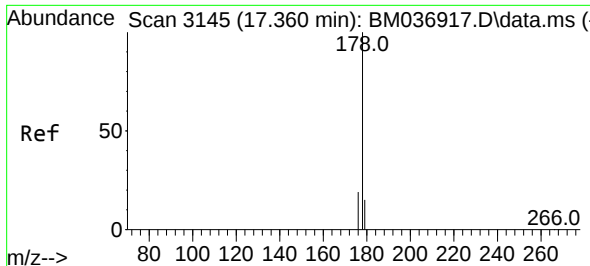
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.482 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

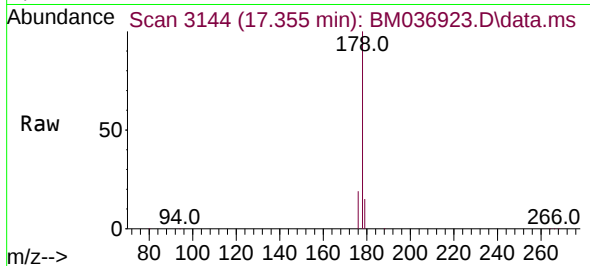
Tgt Ion:166 Resp: 30035
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 17.7 11.3 16.9#





#15
Phenanthrene
Concen: 6.724 ng/ul
RT: 17.355 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

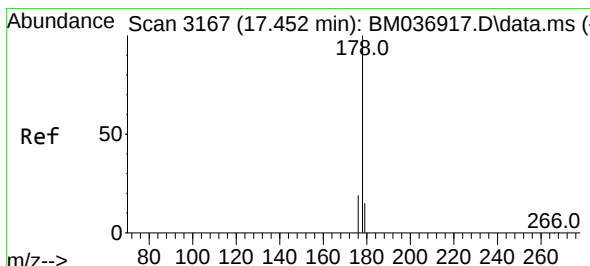
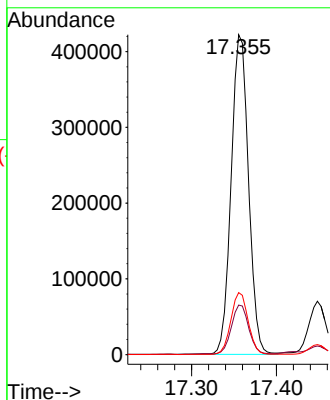
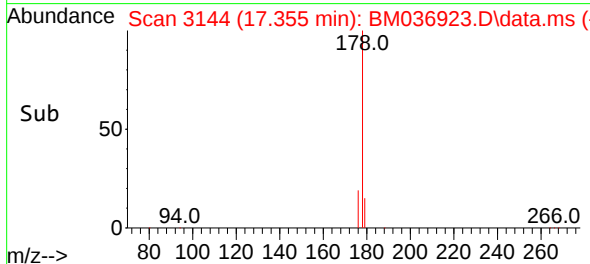
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:178 Resp: 598590
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 15.6 23.4

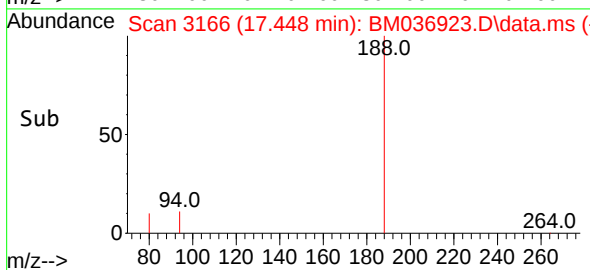
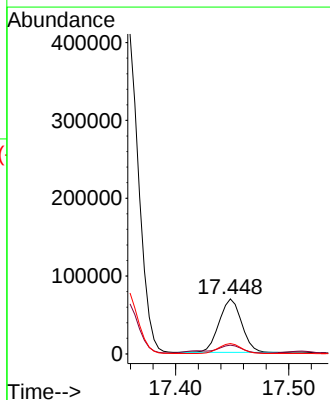
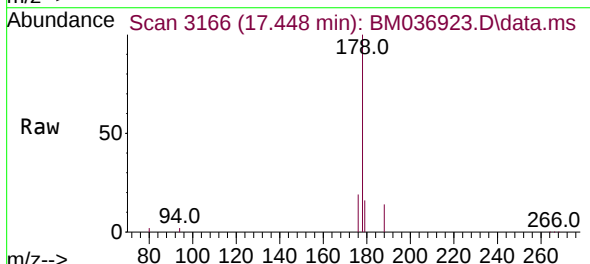
Manual Integrations
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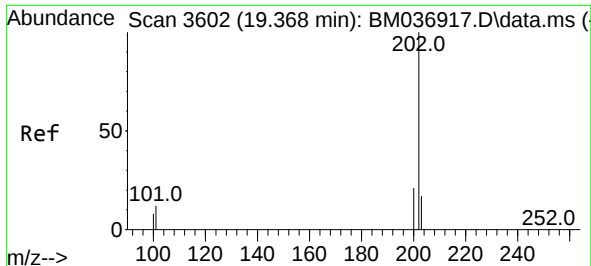
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 1.277 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.005 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

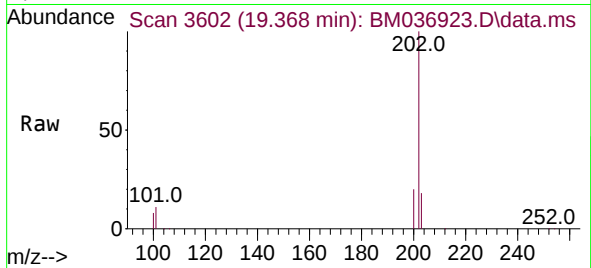
Tgt Ion:178 Resp: 95015
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 16.186 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

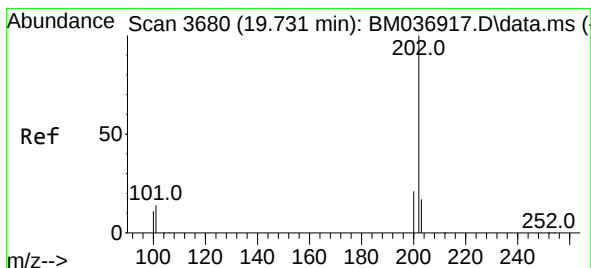
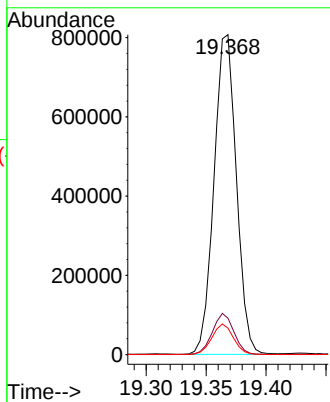
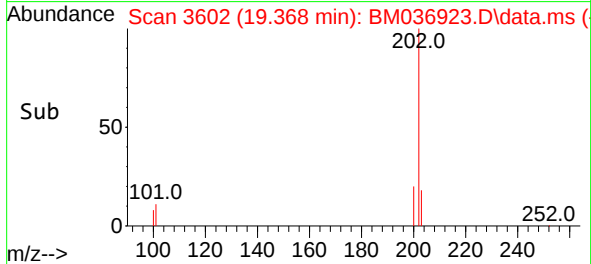
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:202 Resp: 104712
Ion Ratio Lower Upper
202 100
101 11.4 10.1 15.1
100 8.3 7.9 11.9

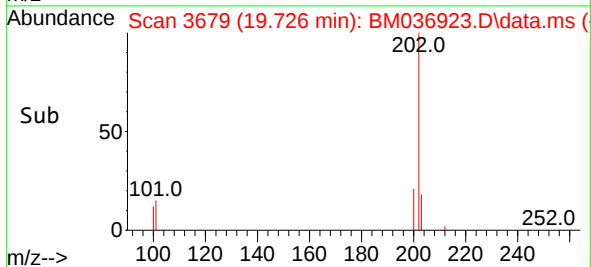
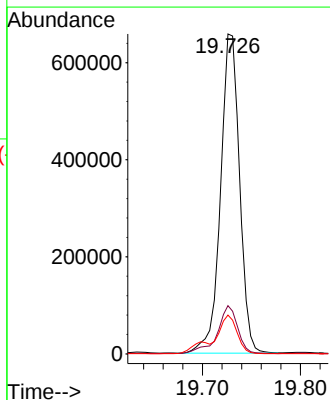
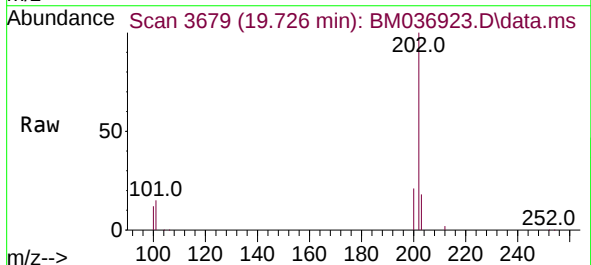
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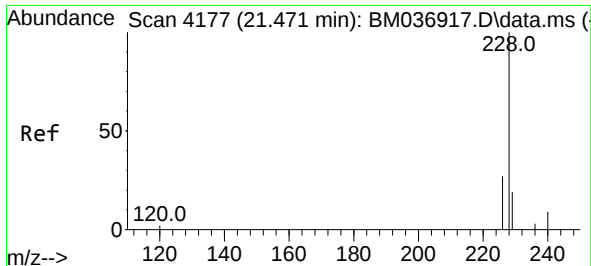
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 13.186 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.006 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

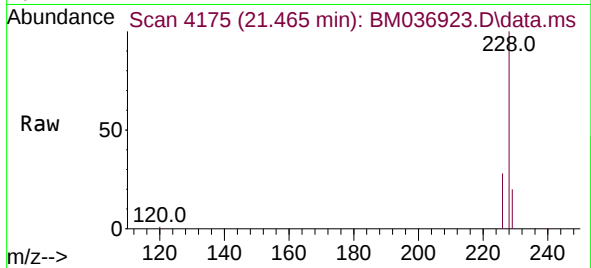
Tgt Ion:202 Resp: 889549
Ion Ratio Lower Upper
202 100
101 15.1 12.0 18.0
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 7.832 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

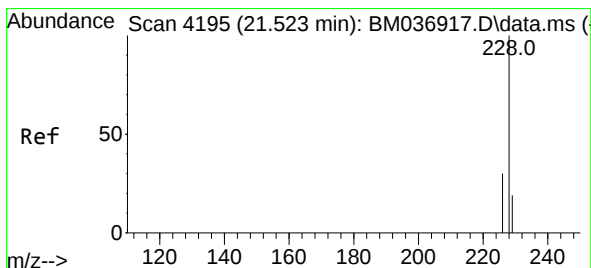
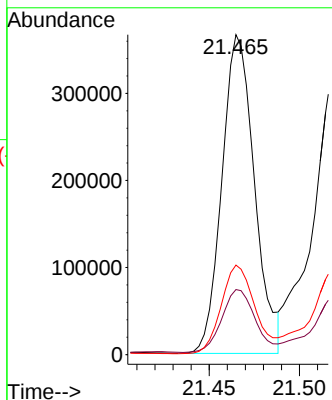
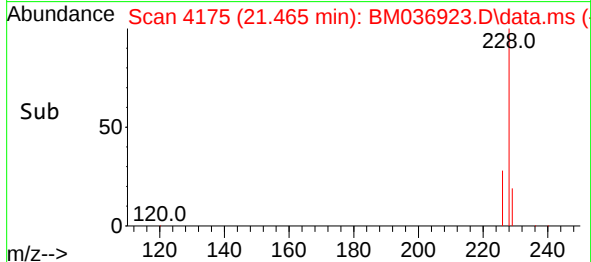
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C0BP2



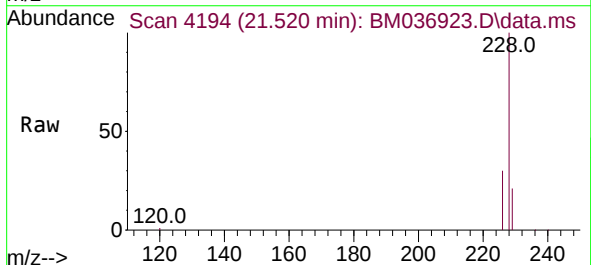
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Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.0 22.5 33.7

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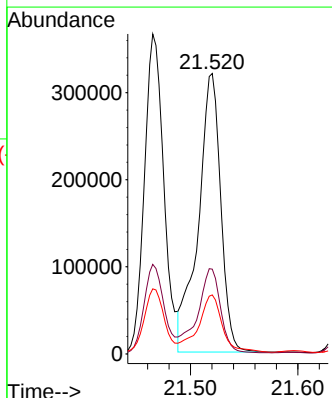
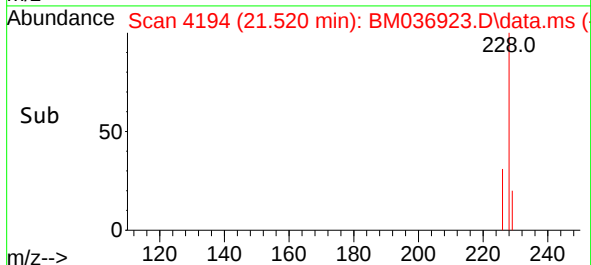
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

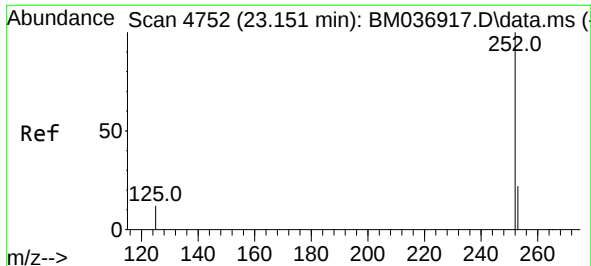


#22
Chrysene
Concen: 7.398 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.005 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56



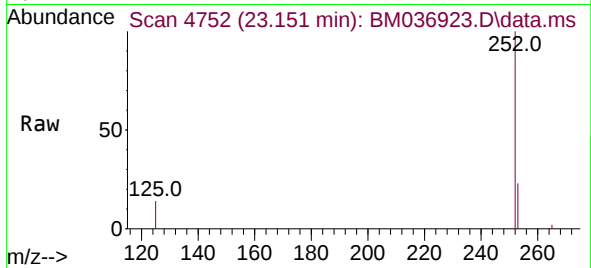
Tgt Ion:228 Resp: 466776
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 21.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 9.805 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.005 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

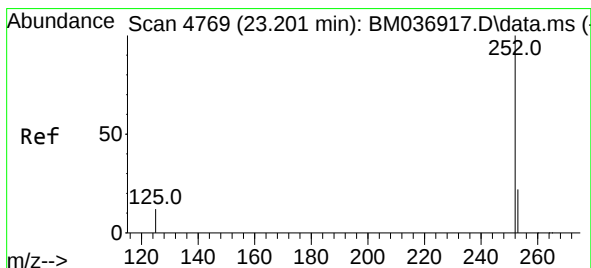
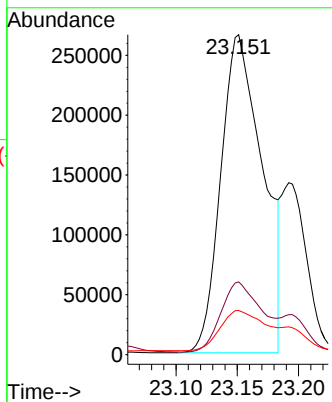
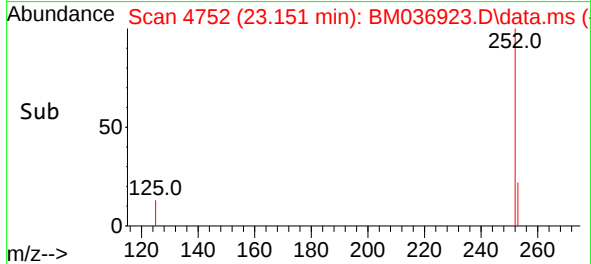
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:252 Resp: 627209
Ion Ratio Lower Upper
252 100
253 22.7 0.0 61.4
125 13.8 0.0 42.6

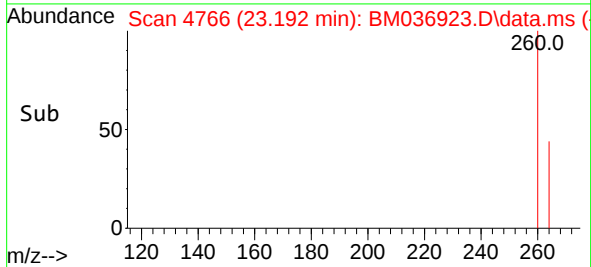
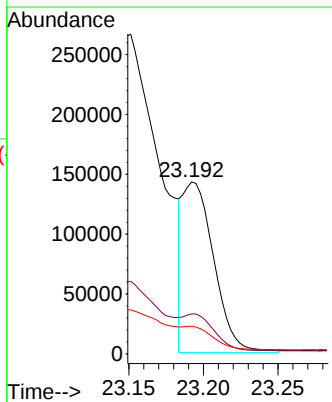
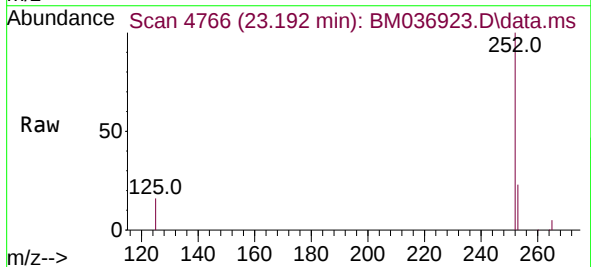
Manual Integrations
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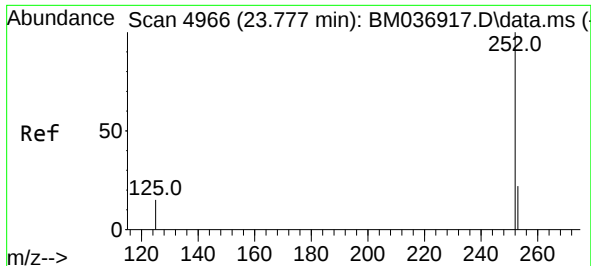
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 3.330 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.011 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

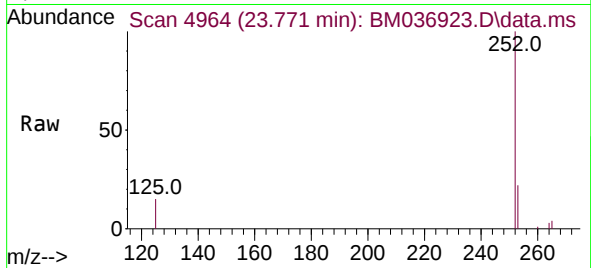
Tgt Ion:252 Resp: 207573
Ion Ratio Lower Upper
252 100
253 23.2 25.2 37.8#
125 16.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 8.409 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.011 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

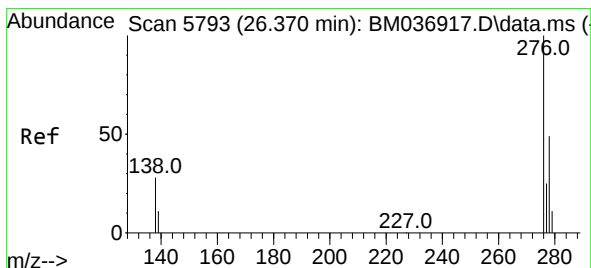
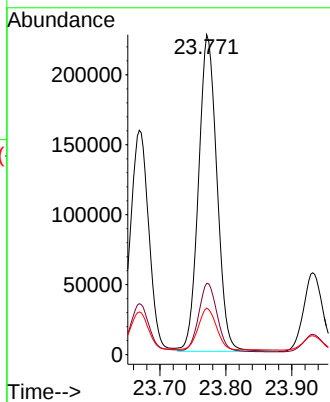
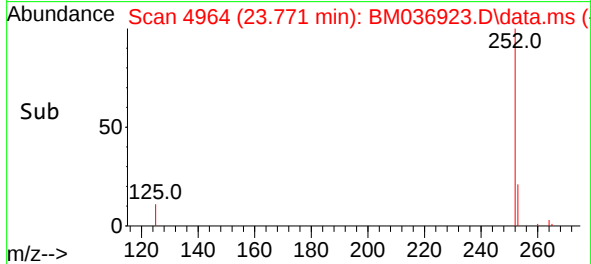
Instrument :
BNA_M
ClientSampleId :
C0BP2



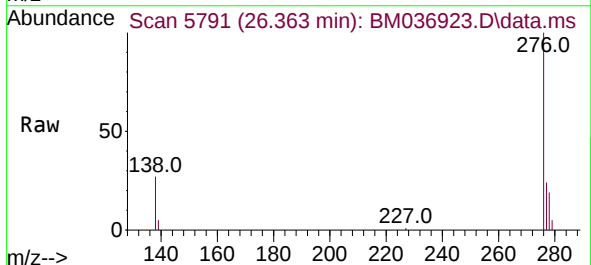
Tgt Ion:252 Resp: 436445
Ion Ratio Lower Upper
252 100
253 22.3 29.7 44.5
125 14.5 23.6 35.4

Manual Integrations
APPROVED

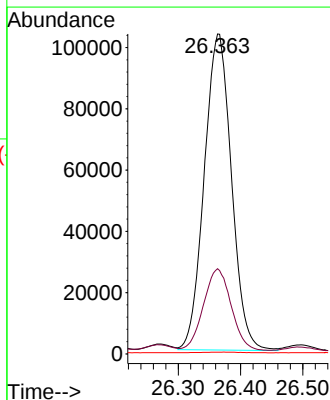
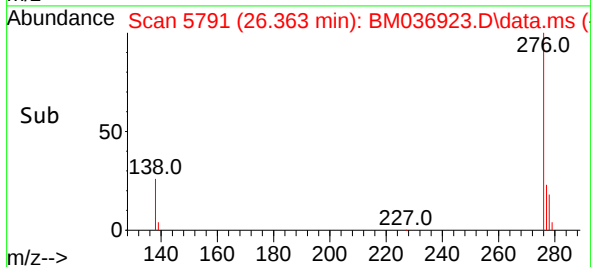
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

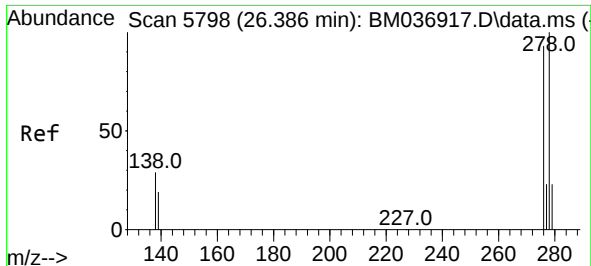


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.268 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.019 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56



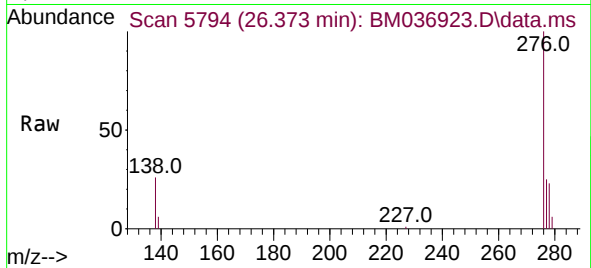
Tgt Ion:276 Resp: 313798
Ion Ratio Lower Upper
276 100
138 26.1 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.274 ng/ul m
RT: 26.373 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

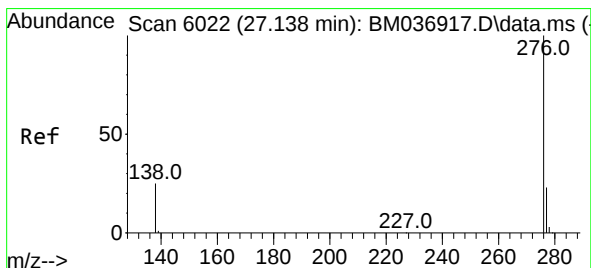
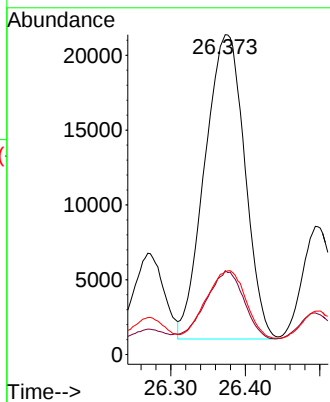
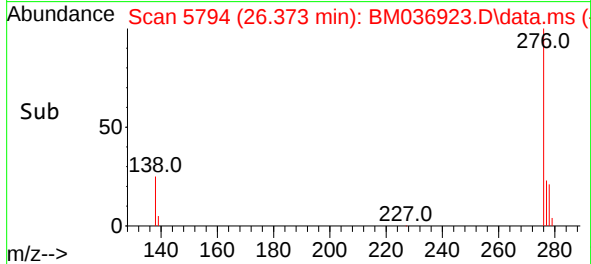
Instrument :
BNA_M
ClientSampleId :
C0BP2



Tgt Ion:278 Resp: 75686
Ion Ratio Lower Upper
278 100
139 26.2 19.8 29.6
279 25.9 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: 4.452 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. -0.019 min
Lab File: BM036923.D
Acq: 11 Oct 2022 00:56

Tgt Ion:276 Resp: 288398
Ion Ratio Lower Upper
276 100
138 27.0 23.4 35.0
277 24.0 21.0 31.4

