

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036959.D
 Acq On : 11 Oct 2022 23:40
 Operator : CG/JU
 Sample : N4976-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X0

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:28:51 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	8832	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29381	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	17191	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.314	188	29321	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.481	240	22796	0.400	ng/ul	# 0.00
23) Perylene-d12	23.881	264	23792	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	45234	3.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	10163	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	20963	0.307	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	66190	0.788	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	6957	0.135	ng/ul	95
8) 1-Methylnaphthalene	12.629	142	19177	0.367	ng/ul	99
10) Acenaphthylene	14.298	152	9611	0.135	ng/ul#	35
11) Acenaphthene	14.641	153	599939	9.675	ng/ul	96
12) Fluorene	15.621	166	364485	5.188	ng/ul	99
15) Phenanthrene	17.356	178	106964	1.143	ng/ul	99
16) Anthracene	17.445	178	75707	0.968	ng/ul	96
19) Fluoranthene	19.364	202	74343	0.820	ng/ul#	93
20) Pyrene	19.727	202	47626m	0.504	ng/ul	
21) Benzo(a)anthracene	21.467	228	4613	0.056	ng/ul#	61
22) Chrysene	21.519	228	4086	0.046	ng/ul#	52
24) Benzo(b)fluoranthene	23.144	252	2265	0.021	ng/ul#	1

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

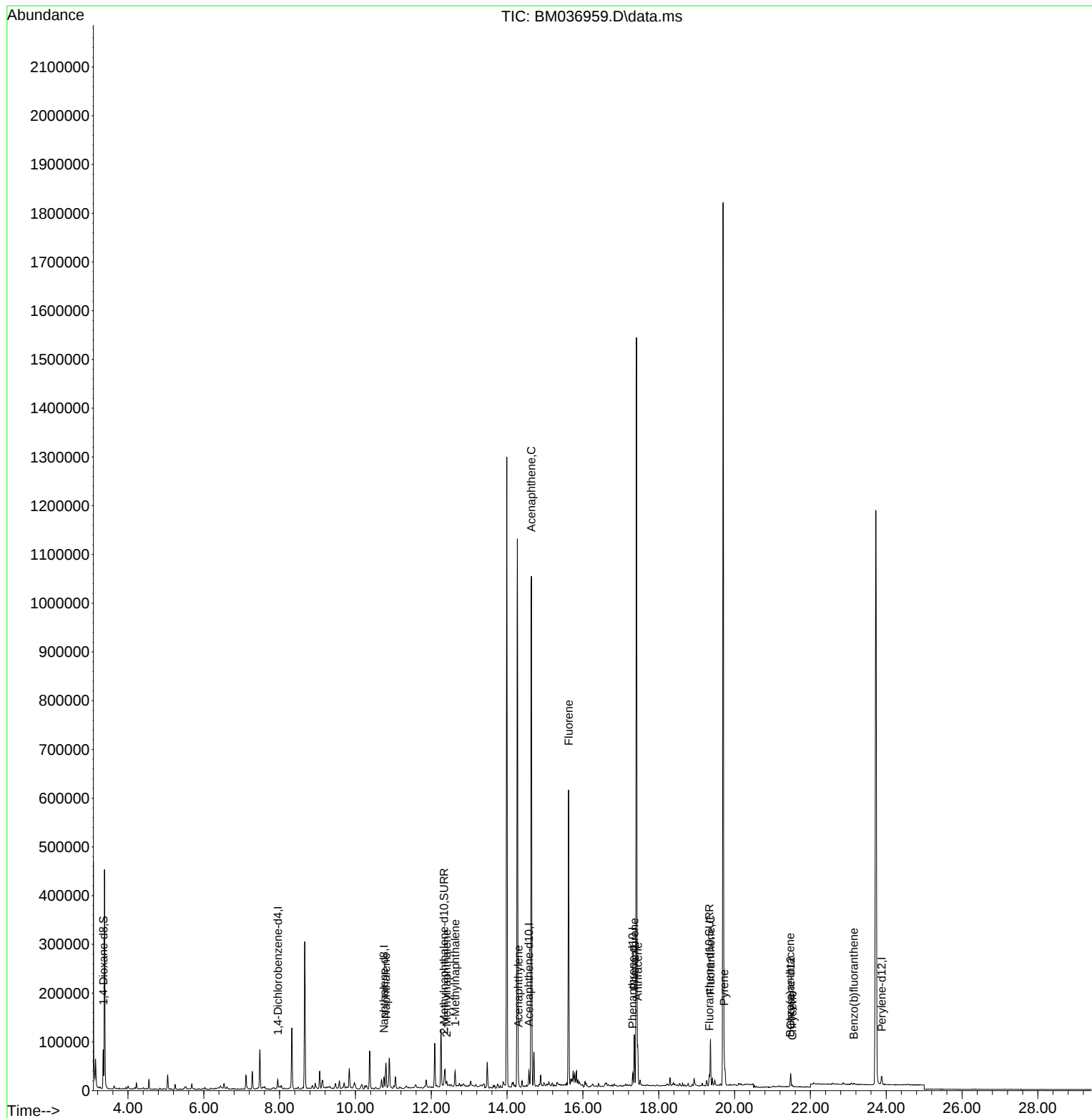
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
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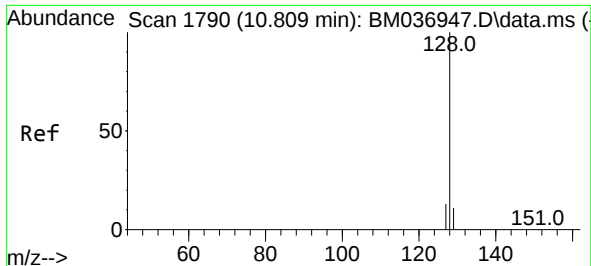
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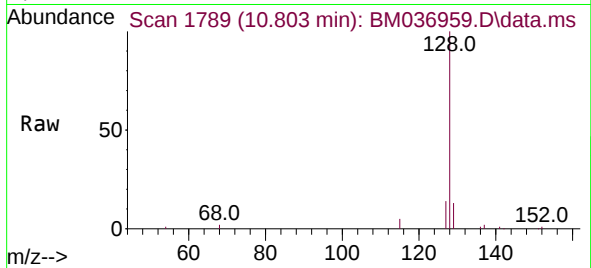
Quant Time: Oct 12 01:28:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
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#5
Naphthalene
Concen: 0.788 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

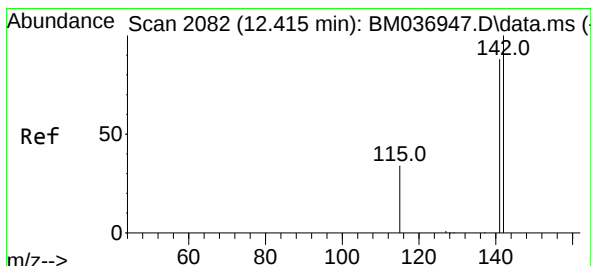
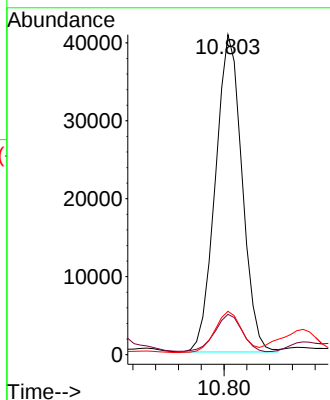
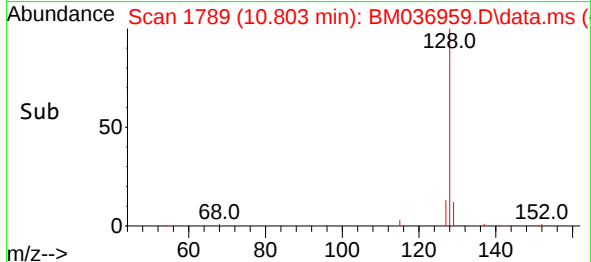
Instrument :
BNA_M
ClientSampleId :
CB8X0



Tgt Ion:128 Resp: 66190
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 13.5 11.7 17.5

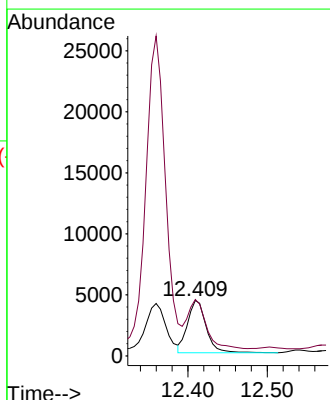
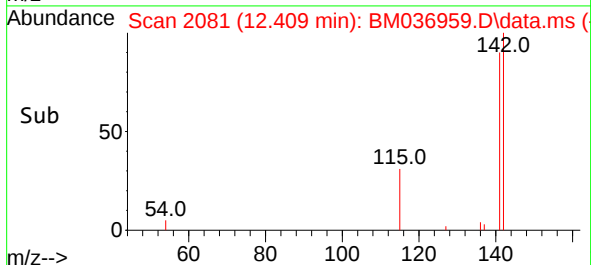
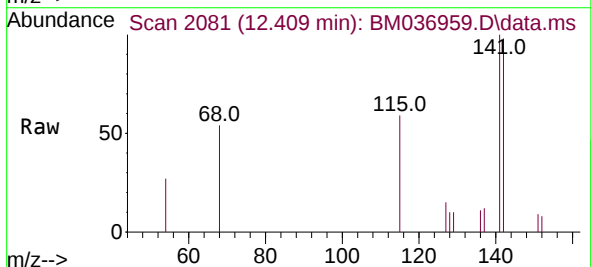
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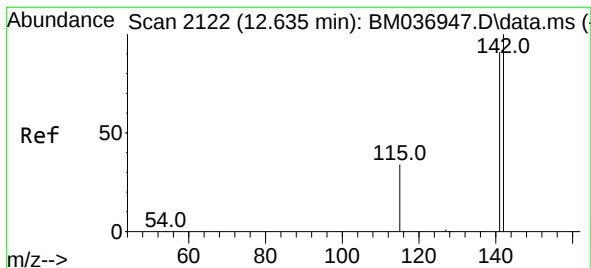
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

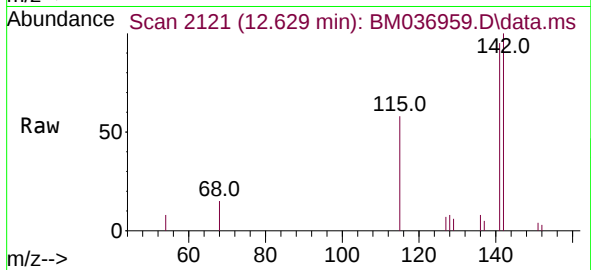
Tgt Ion:142 Resp: 6957
Ion Ratio Lower Upper
142 100
141 91.3 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

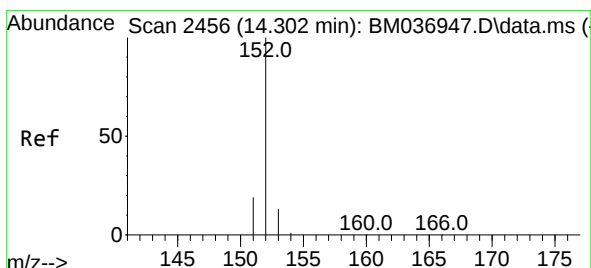
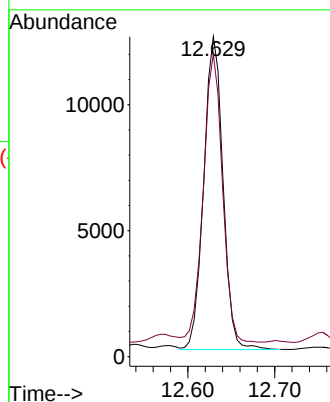
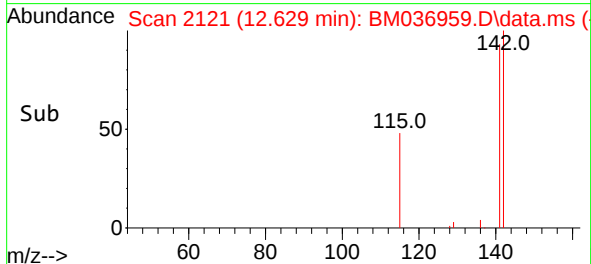
Instrument :
BNA_M
ClientSampleId :
CB8X0



Tgt Ion:142 Resp: 1917
Ion Ratio Lower Upper
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141 91.2 74.1 111.1

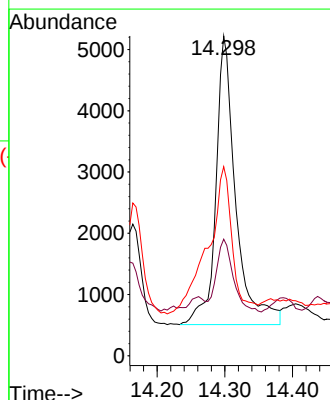
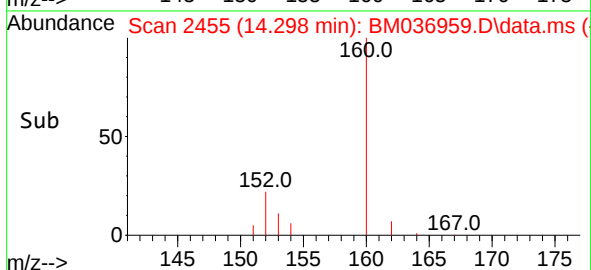
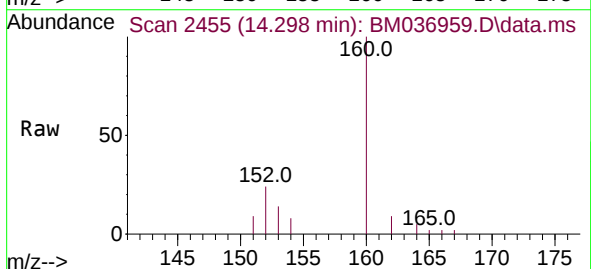
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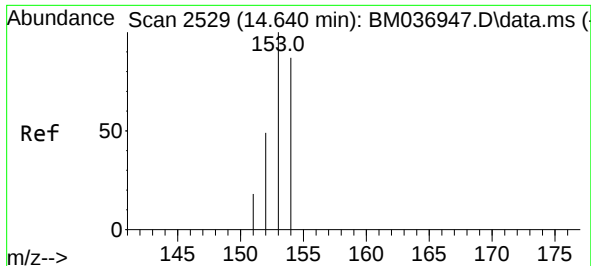
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

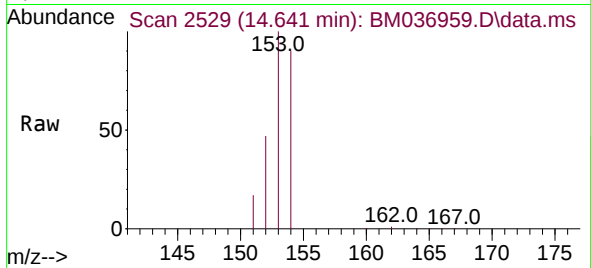
Tgt Ion:152 Resp: 9611
Ion Ratio Lower Upper
152 100
151 36.5 16.6 24.8#
153 59.1 11.4 17.0#





#11
Acenaphthene
Concen: 9.675 ng/ul
RT: 14.641 min Scan# 2529
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

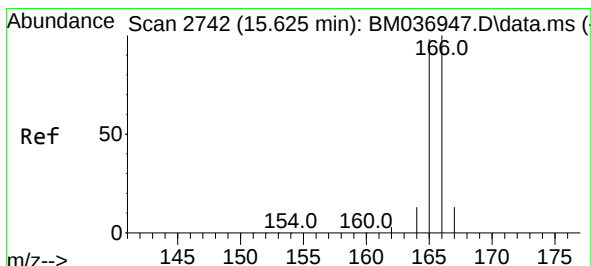
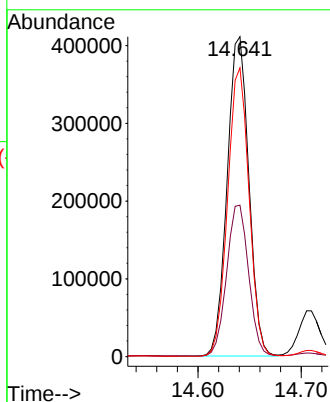
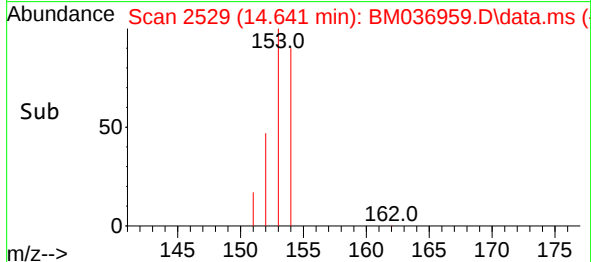
Instrument :
BNA_M
ClientSampleId :
CB8X0



Tgt Ion:153 Resp: 599939
Ion Ratio Lower Upper
153 100
152 47.3 40.2 60.4
154 90.2 69.7 104.5

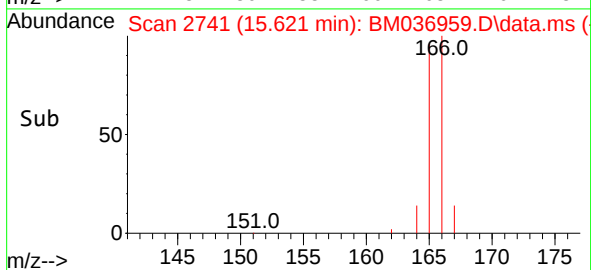
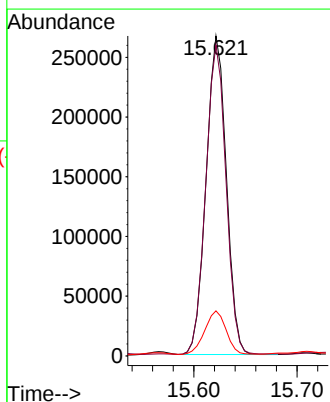
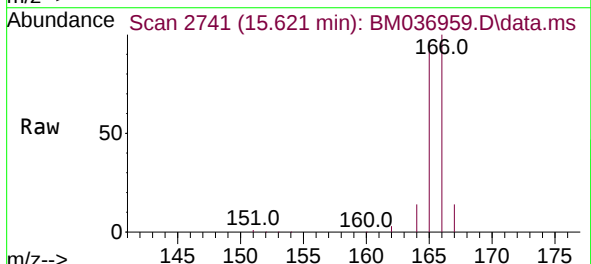
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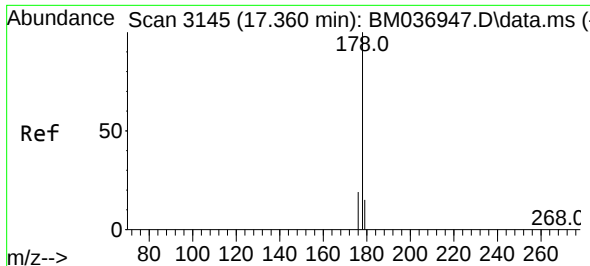
Reviewed By :Jagrut Upadhyay 10/12/2022
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#12
Fluorene
Concen: 5.188 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

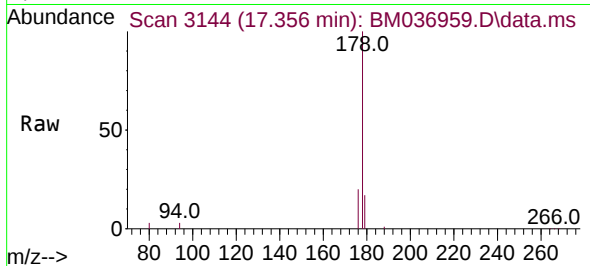
Tgt Ion:166 Resp: 364485
Ion Ratio Lower Upper
166 100
165 97.2 78.9 118.3
167 14.1 11.3 16.9





#15
Phenanthrene
Concen: 1.143 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

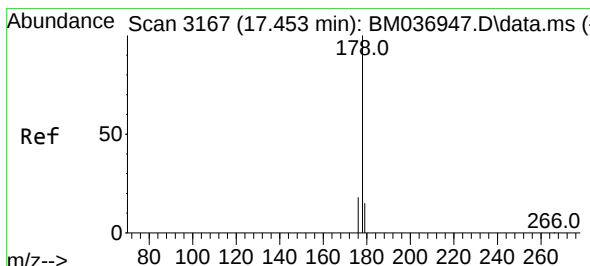
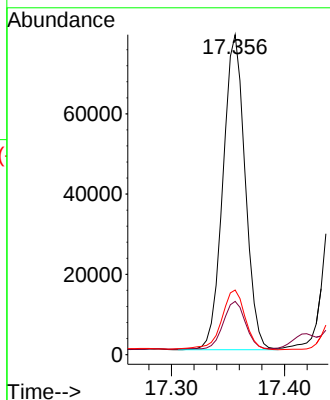
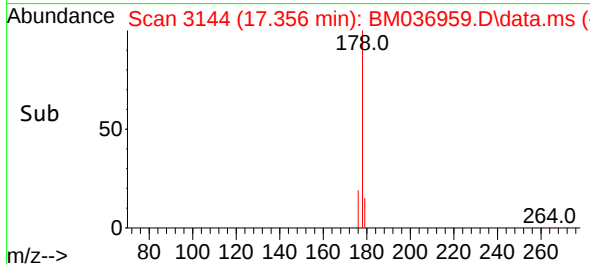
Instrument :
BNA_M
ClientSampleId :
CB8X0



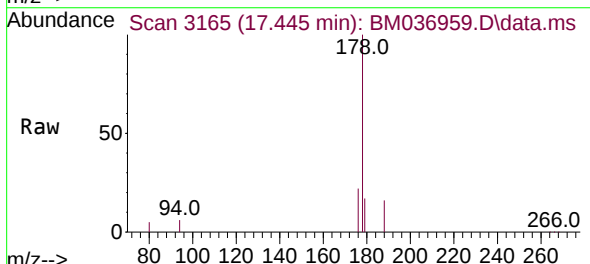
Tgt Ion:178 Resp: 106964
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.2 15.6 23.4

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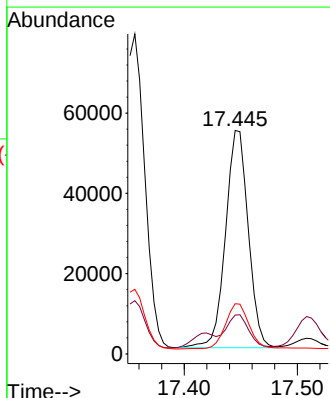
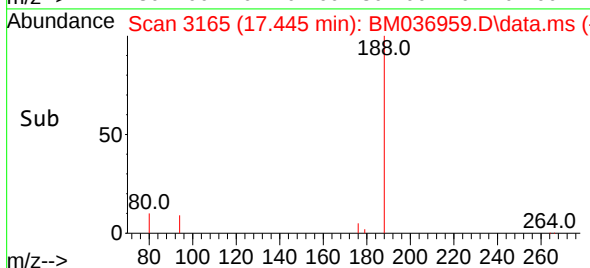
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

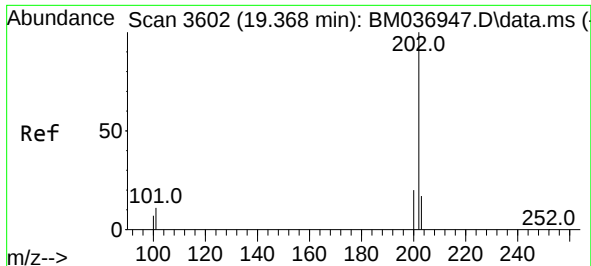


#16
Anthracene
Concen: 0.968 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40



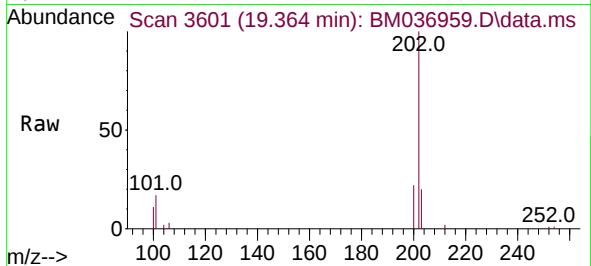
Tgt Ion:178 Resp: 75707
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 22.4 15.6 23.4





#19
Fluoranthene
Concen: 0.820 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

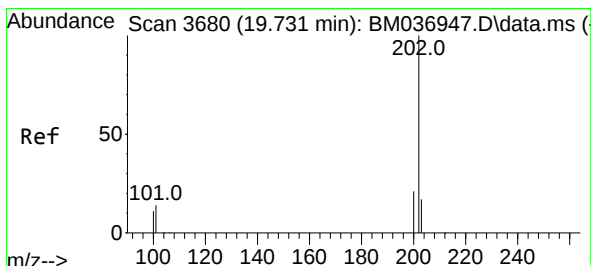
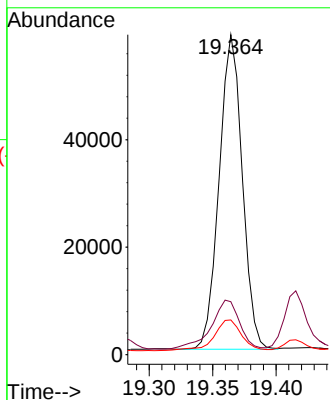
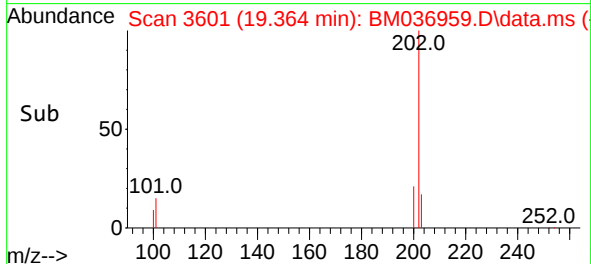
Instrument :
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ClientSampleId :
CB8X0



Tgt Ion:202 Resp: 7434
Ion Ratio Lower Upper
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101 16.5 10.1 15.1
100 10.8 7.9 11.9

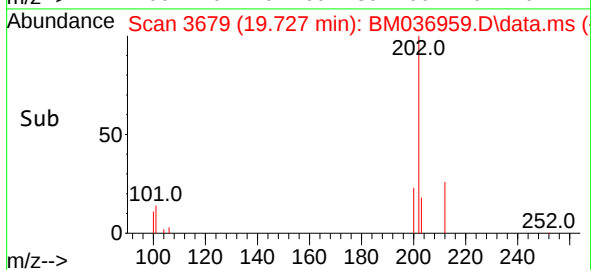
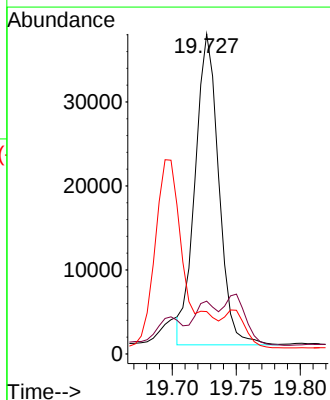
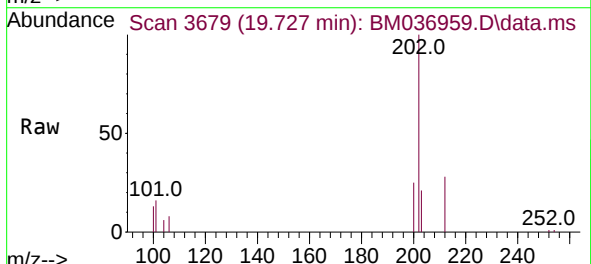
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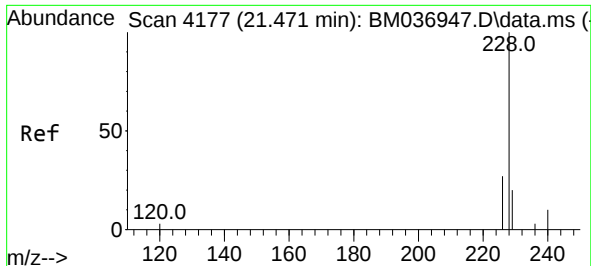
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.504 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

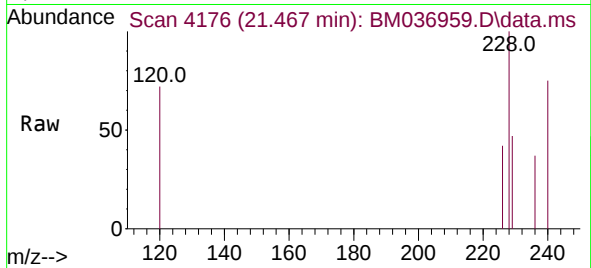
Tgt Ion:202 Resp: 47626
Ion Ratio Lower Upper
202 100
101 16.5 12.0 18.0
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

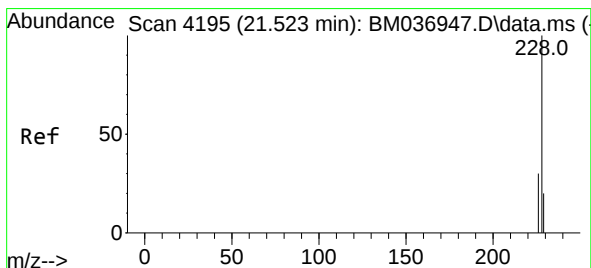
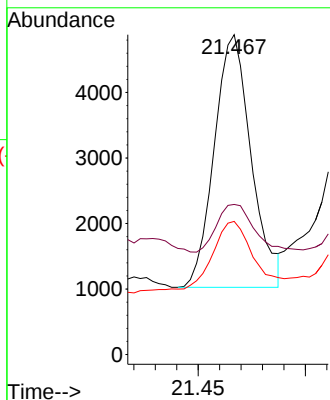
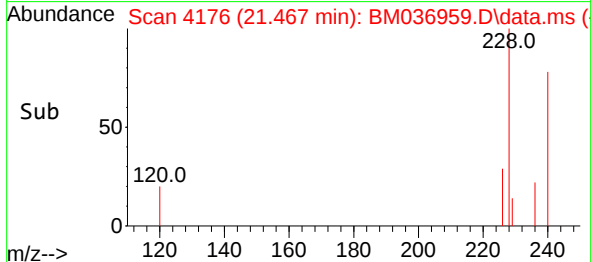
Instrument :
BNA_M
ClientSampleId :
CB8X0



Tgt Ion:228 Resp: 4613
Ion Ratio Lower Upper
228 100
229 46.9 16.2 24.2#
226 41.6 22.5 33.7#

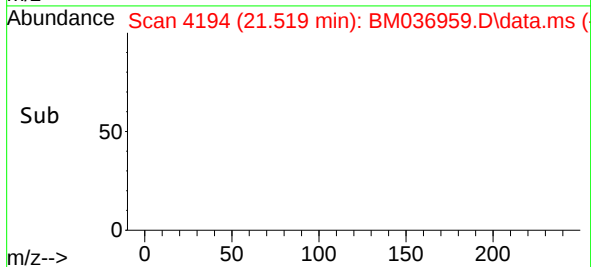
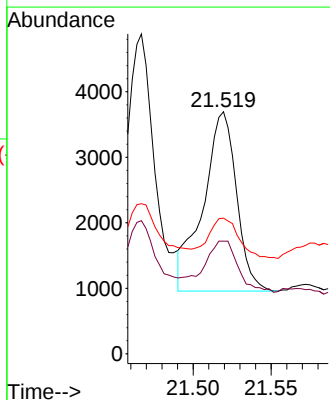
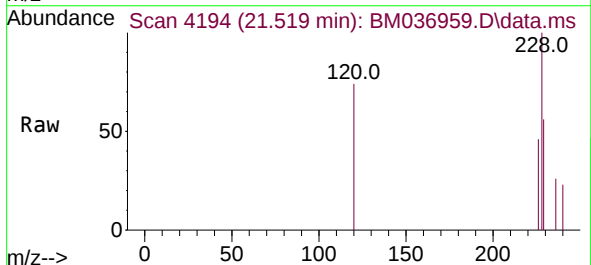
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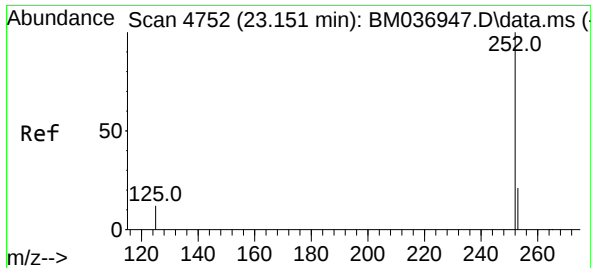
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.046 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036959.D
Acq: 11 Oct 2022 23:40

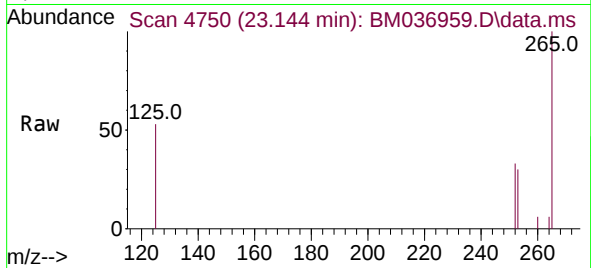
Tgt Ion:228 Resp: 4086
Ion Ratio Lower Upper
228 100
226 46.5 24.6 37.0#
229 56.1 16.4 24.6#





#24
 Benzo(b)fluoranthene
 Concen: 0.021 ng/ul
 RT: 23.144 min Scan# 4750
 Delta R.T. -0.001 min
 Lab File: BM036959.D
 Acq: 11 Oct 2022 23:40

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:252 Resp: 2265
 Ion Ratio Lower Upper
 252 100
 253 93.5 0.0 61.4
 125 162.6 0.0 42.6

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 Supervised By :mohammad ahmed 10/12/2022

