

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036961.D
 Acq On : 12 Oct 2022 00:51
 Operator : CG/JU
 Sample : N4976-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X7

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 02:24:14 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	8744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30925	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	19629	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.314	188	35273	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.481	240	20310	0.400	ng/ul	# 0.00
23) Perylene-d12	23.875	264	18235	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	41677	3.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	13161	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	25017	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	88454	1.000	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	6461	0.119	ng/ul	98
8) 1-Methylnaphthalene	12.629	142	14247	0.259	ng/ul	98
10) Acenaphthylene	14.298	152	10648	0.131	ng/ul#	34
11) Acenaphthene	14.636	153	534723	7.552	ng/ul	98
12) Fluorene	15.621	166	294675	3.673	ng/ul	98
15) Phenanthrene	17.356	178	43480	0.386	ng/ul#	92
16) Anthracene	17.445	178	55072	0.585	ng/ul#	93
19) Fluoranthene	19.364	202	59075	0.731	ng/ul#	92
20) Pyrene	19.727	202	41864m	0.497	ng/ul	
21) Benzo(a)anthracene	21.464	228	7982	0.109	ng/ul#	75
22) Chrysene	21.519	228	8157	0.104	ng/ul#	72
24) Benzo(b)fluoranthene	23.150	252	8759	0.108	ng/ul#	34
25) Benzo(k)fluoranthene	23.191	252	3255m	0.041	ng/ul	
26) Benzo(a)pyrene	23.773	252	6006	0.091	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.359	276	4709	0.050	ng/ul#	95
29) Benzo(g,h,i)perylene	27.123	276	4939	0.060	ng/ul#	70

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

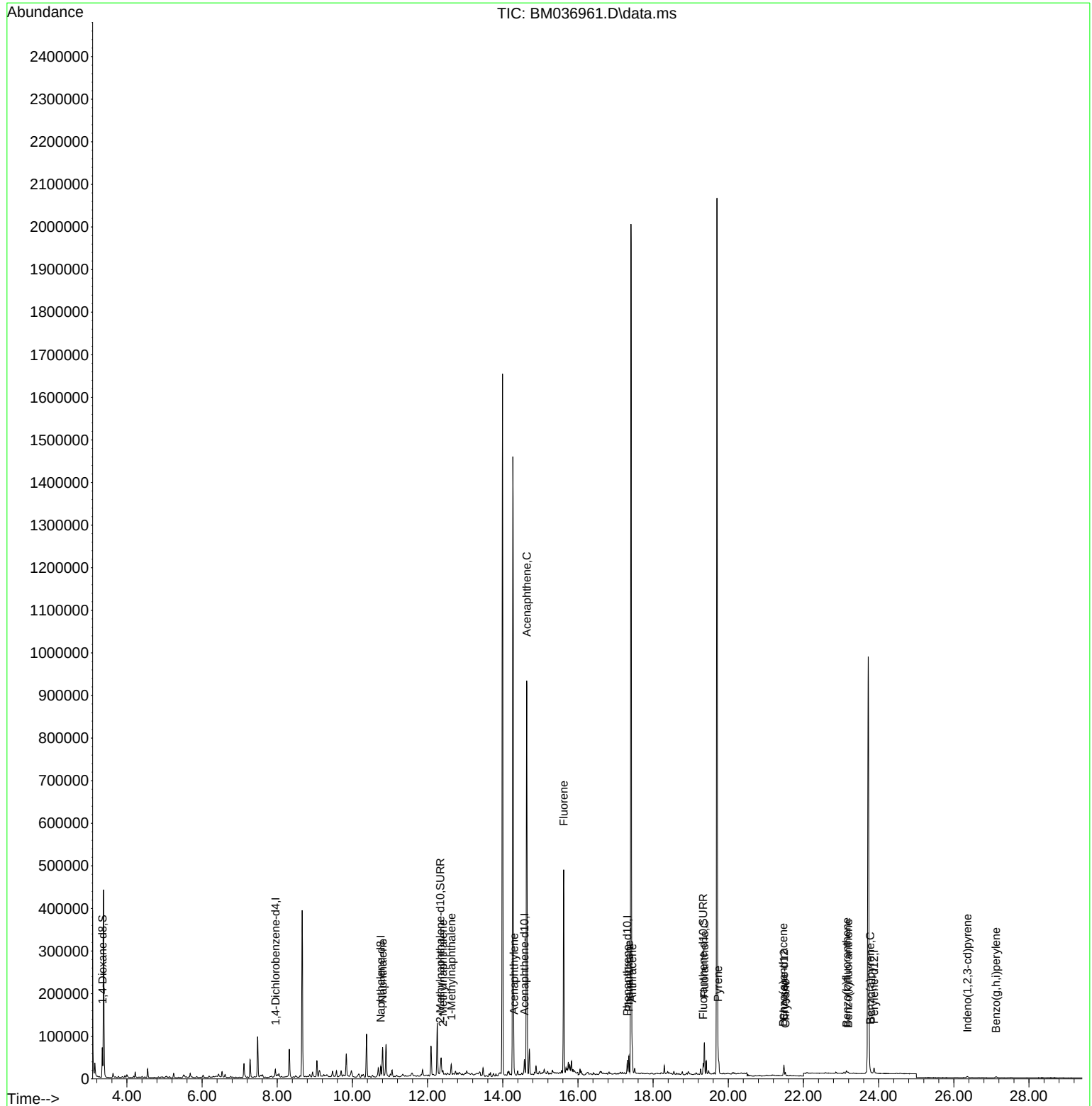
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036961.D
Acq On : 12 Oct 2022 00:51
Operator : CG/JU
Sample : N4976-03
Misc :
ALS Vial : 64 Sample Multiplier: 1

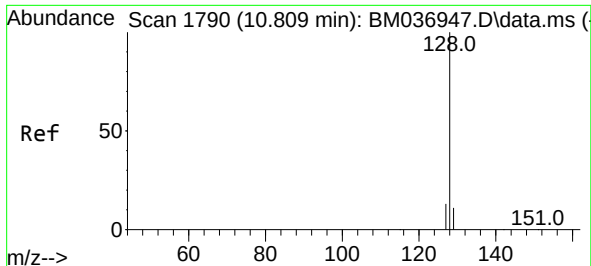
Instrument :
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Supervised By :mohammad ahmed 10/12/2022

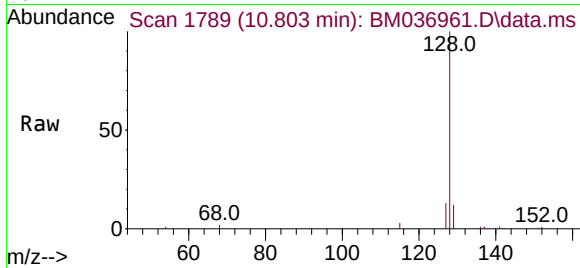
Quant Time: Oct 12 02:24:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.000 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

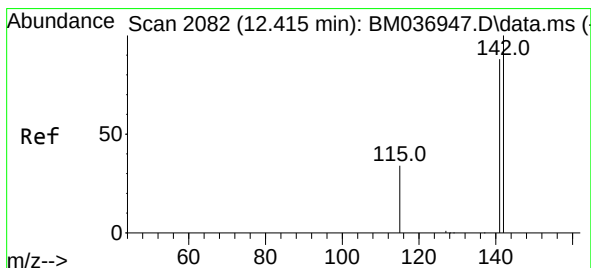
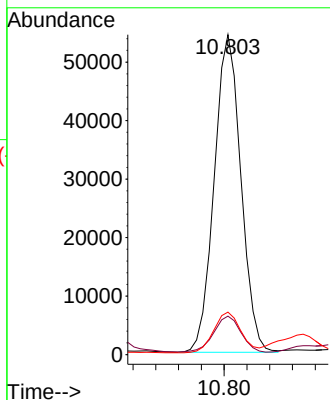
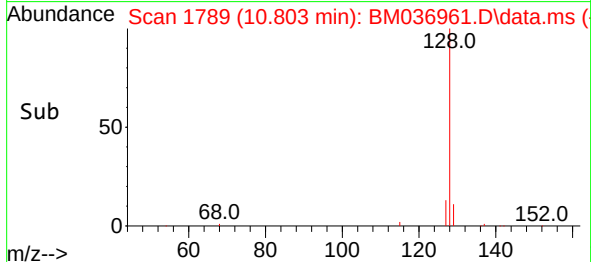
Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:128 Resp: 88454
Ion Ratio Lower Upper
128 100
129 12.0 10.2 15.2
127 13.3 11.7 17.5

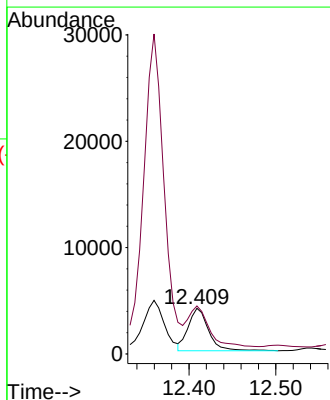
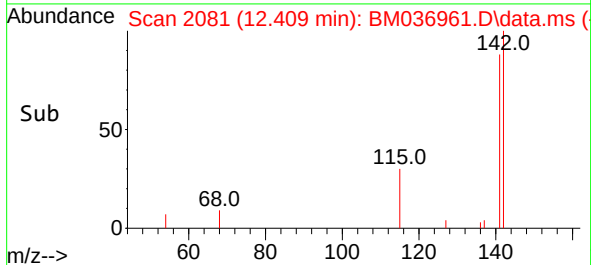
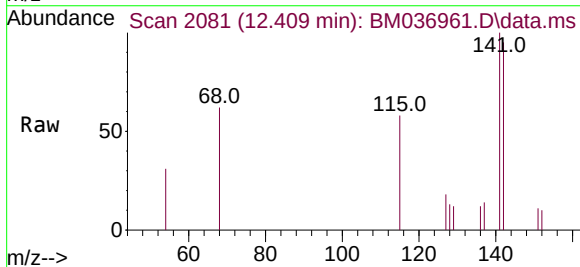
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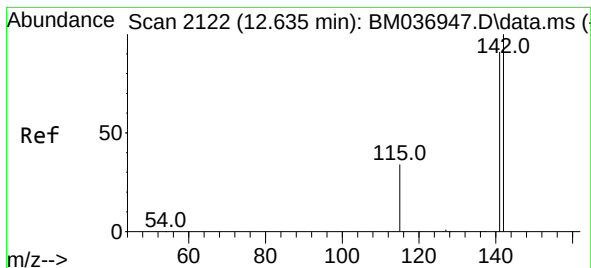
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

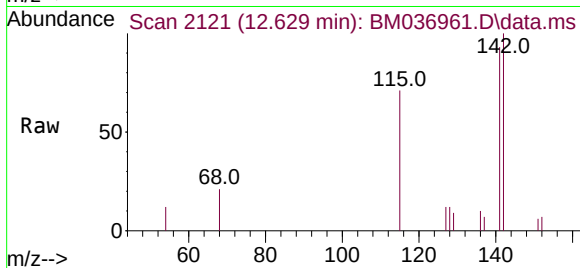
Tgt Ion:142 Resp: 6461
Ion Ratio Lower Upper
142 100
141 94.8 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

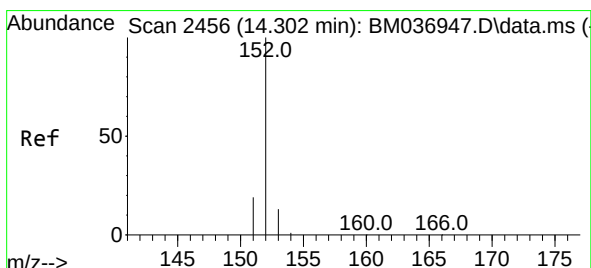
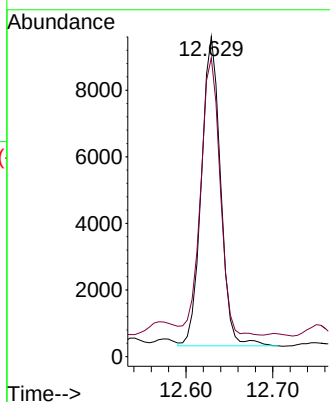
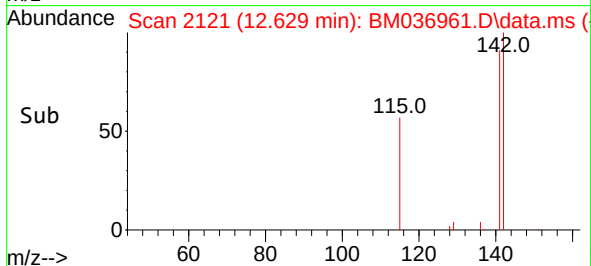
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BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 14247
Ion Ratio Lower Upper
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141 90.6 74.1 111.1

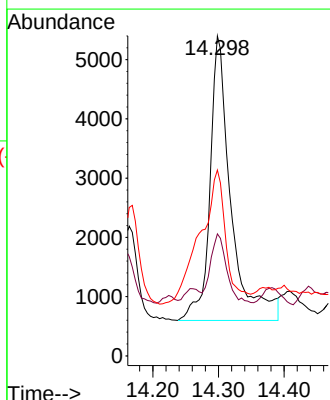
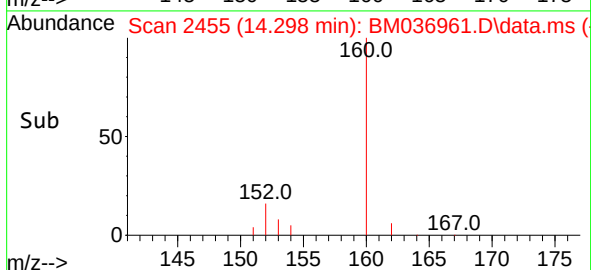
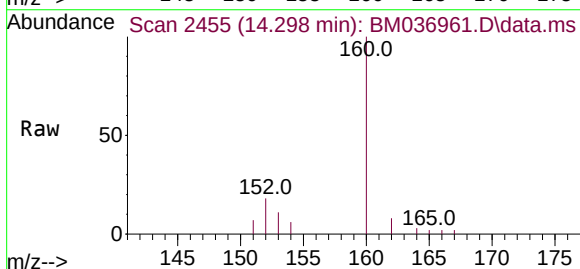
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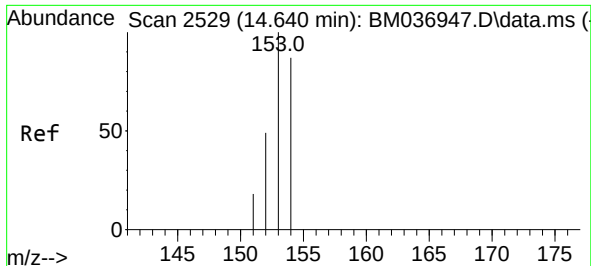
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.131 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

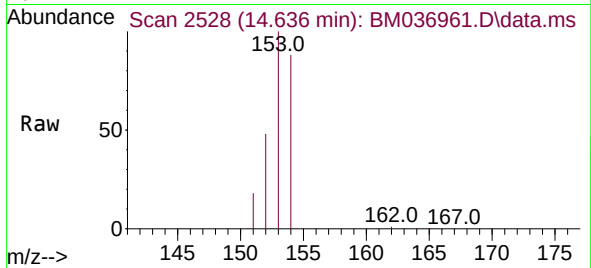
Tgt Ion:152 Resp: 10648
Ion Ratio Lower Upper
152 100
151 38.1 16.6 24.8#
153 58.1 11.4 17.0#





#11
Acenaphthene
Concen: 7.552 ng/u1
RT: 14.636 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

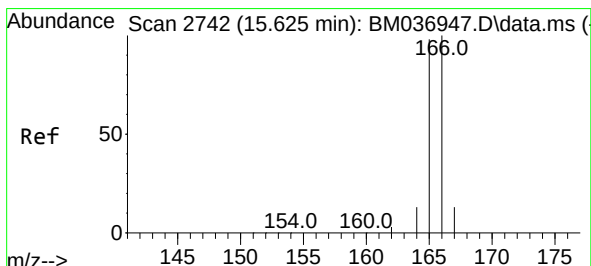
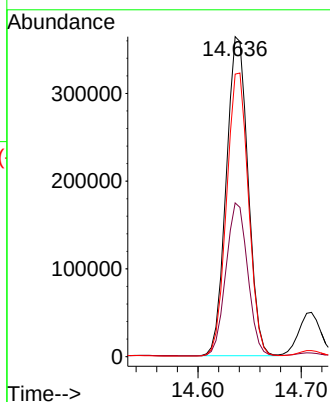
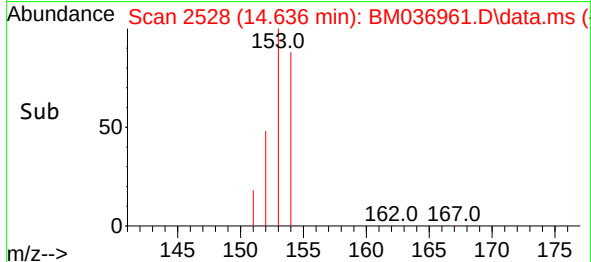
Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:153 Resp: 534723
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 88.3 69.7 104.5

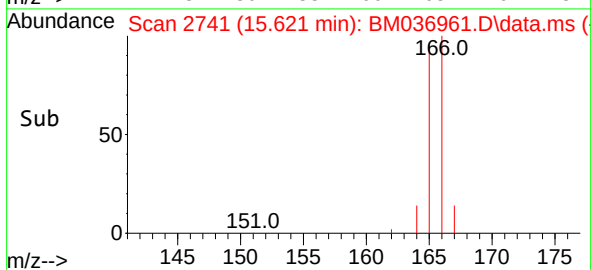
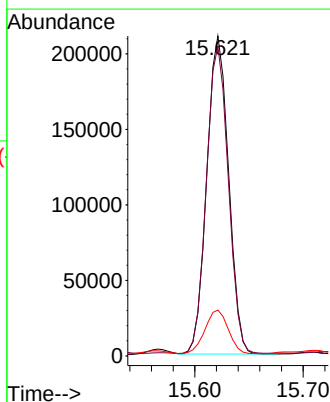
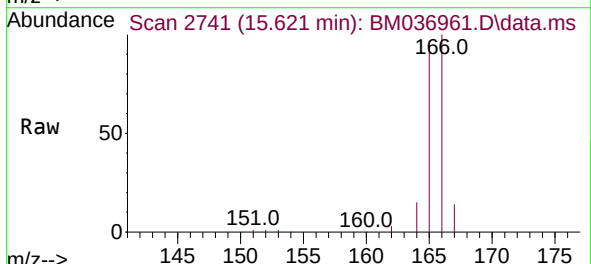
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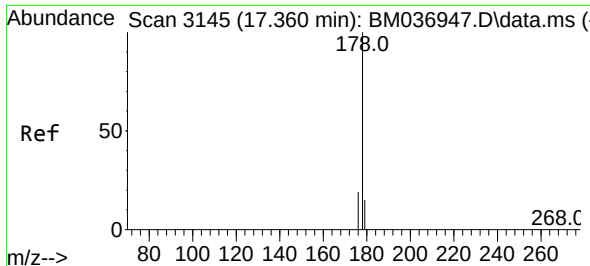
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 3.673 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

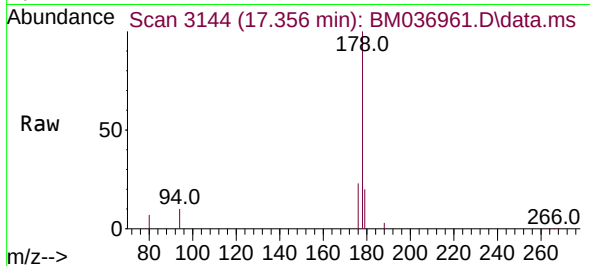
Tgt Ion:166 Resp: 294675
Ion Ratio Lower Upper
166 100
165 96.8 78.9 118.3
167 14.3 11.3 16.9





#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

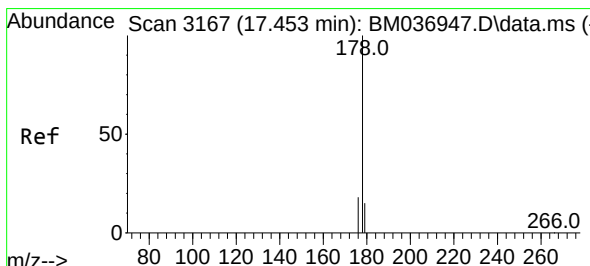
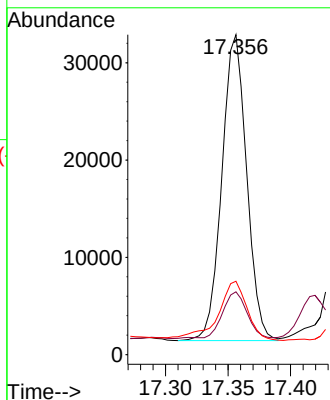
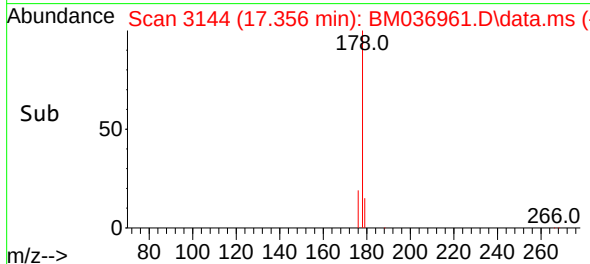
Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:178 Resp: 43480
Ion Ratio Lower Upper
178 100
179 19.6 13.0 19.6
176 22.9 15.6 23.4

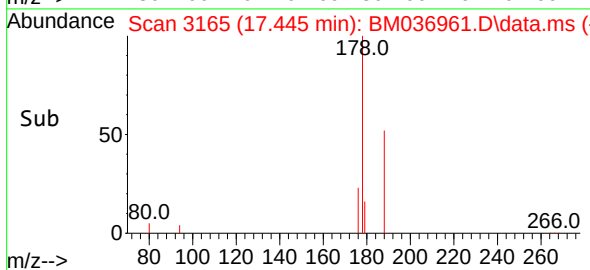
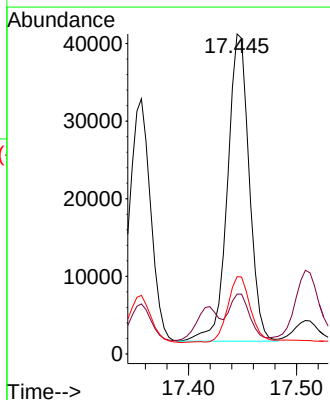
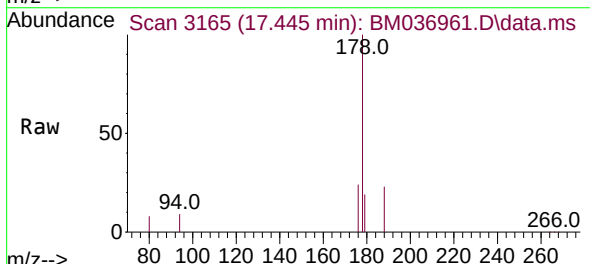
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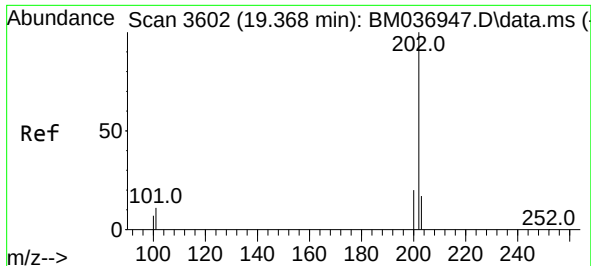
Reviewed By :Jagrut Upadhyay 10/12/2022
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#16
Anthracene
Concen: 0.585 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

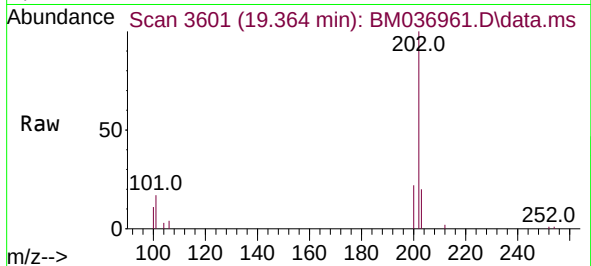
Tgt Ion:178 Resp: 55072
Ion Ratio Lower Upper
178 100
179 18.7 13.6 20.4
176 24.1 15.6 23.4





#19
Fluoranthene
Concen: 0.731 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

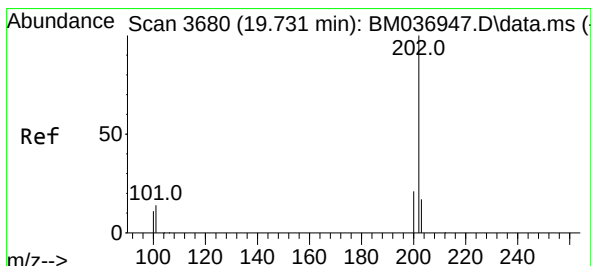
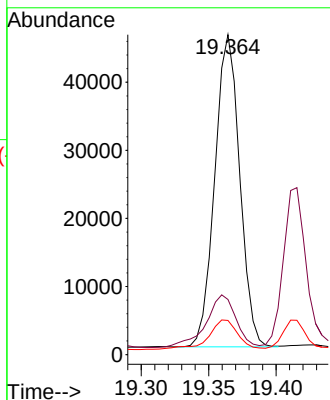
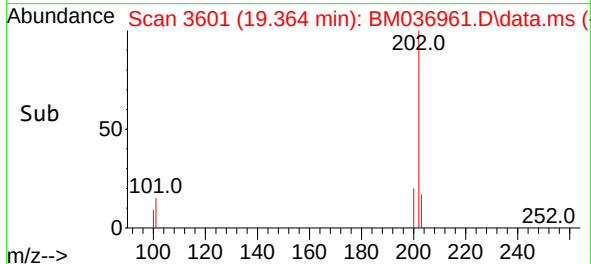
Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:202 Resp: 59075
Ion Ratio Lower Upper
202 100
101 17.3 10.1 15.1
100 10.7 7.9 11.9

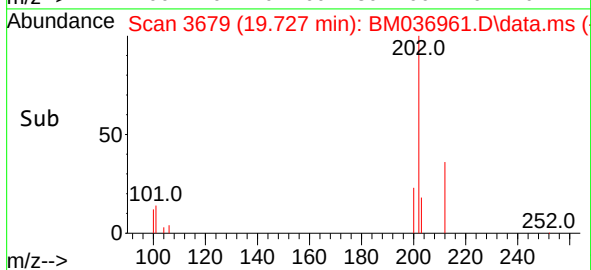
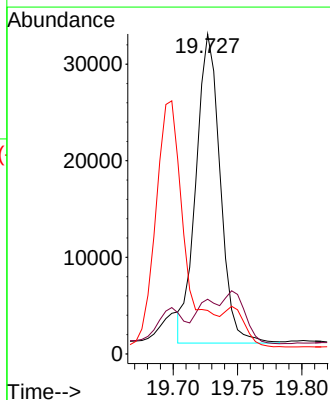
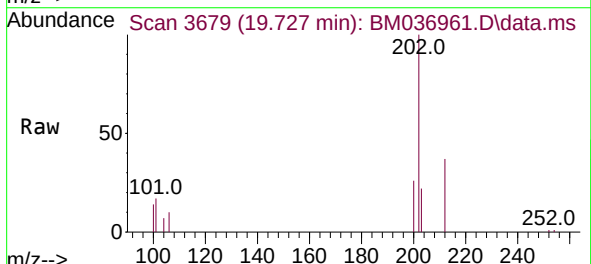
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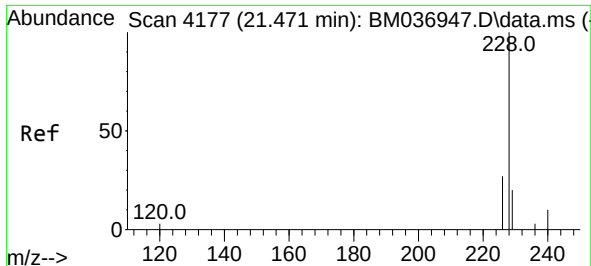
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.497 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

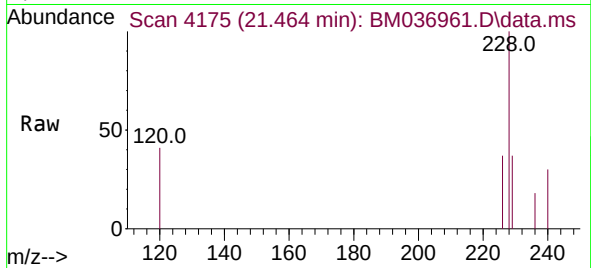
Tgt Ion:202 Resp: 41864
Ion Ratio Lower Upper
202 100
101 17.1 12.0 18.0
100 13.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.004 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

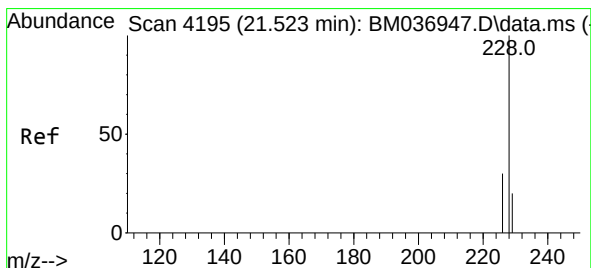
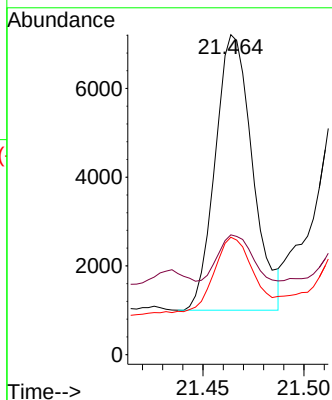
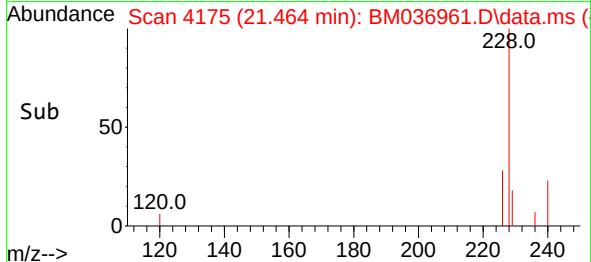
Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:228 Resp: 7982
Ion Ratio Lower Upper
228 100
229 37.4 16.2 24.2#
226 36.7 22.5 33.7#

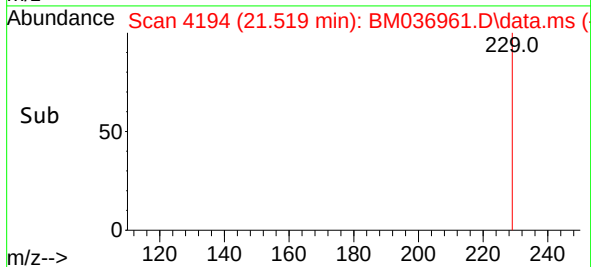
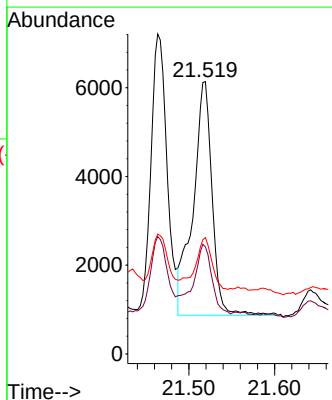
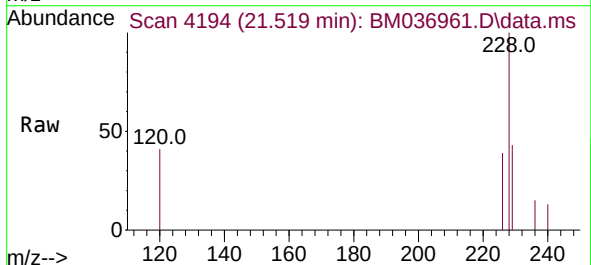
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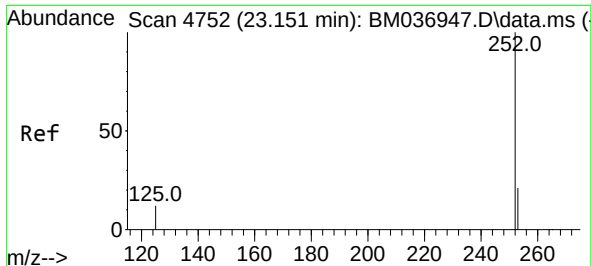
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.104 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

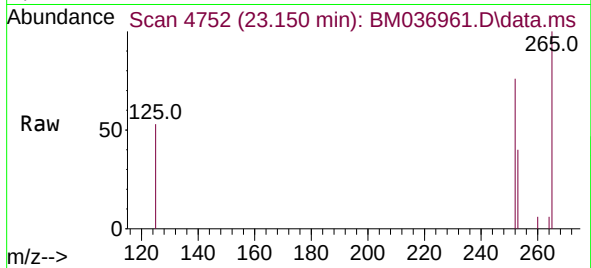
Tgt Ion:228 Resp: 8157
Ion Ratio Lower Upper
228 100
226 39.3 24.6 37.0#
229 42.7 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.108 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. 0.005 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

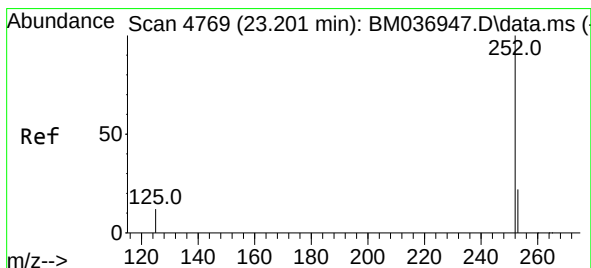
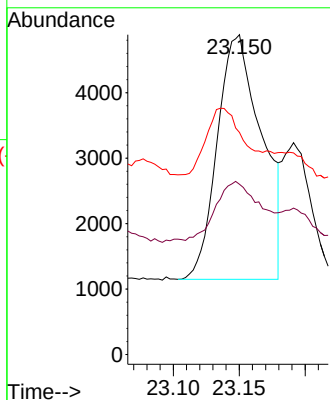
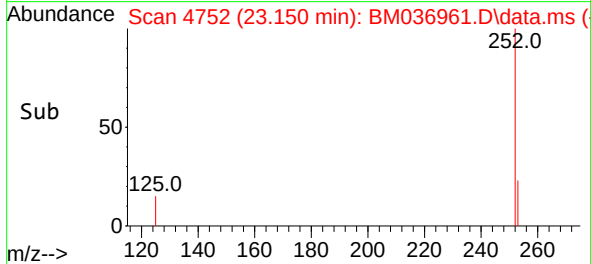
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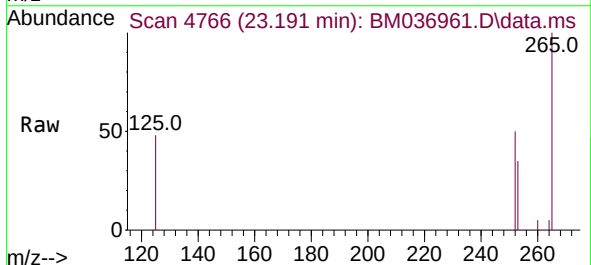
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Ion Ratio Lower Upper
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125 69.4 0.0 42.6

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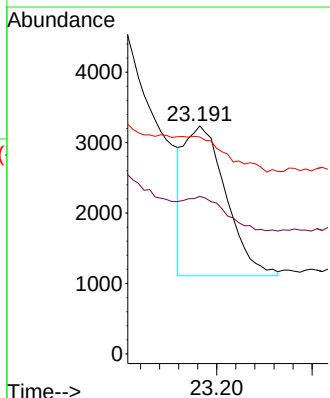
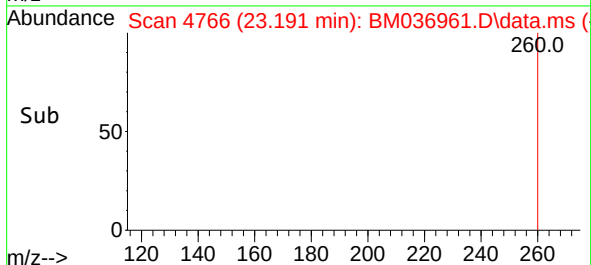
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

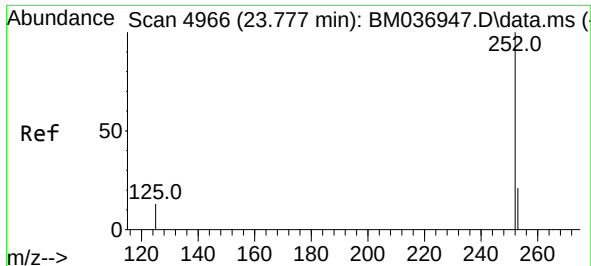


#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.191 min Scan# 4766
Delta R.T. -0.004 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51



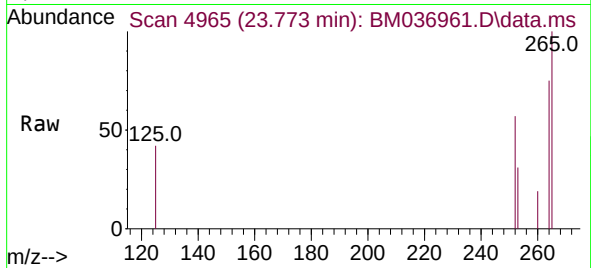
Tgt Ion:252 Resp: 3255
Ion Ratio Lower Upper
252 100
253 69.1 25.2 37.8#
125 95.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 23.773 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

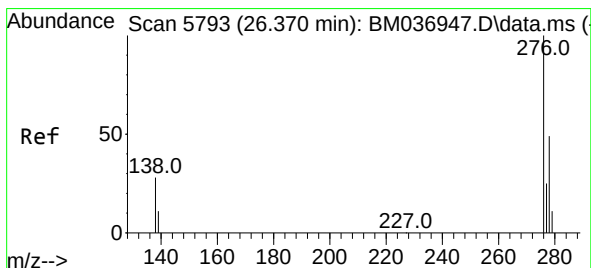
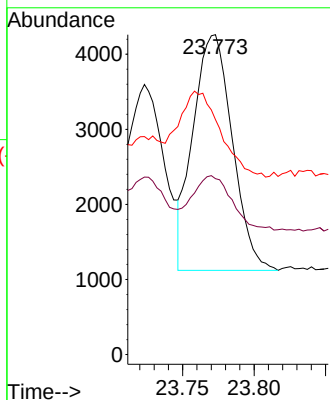
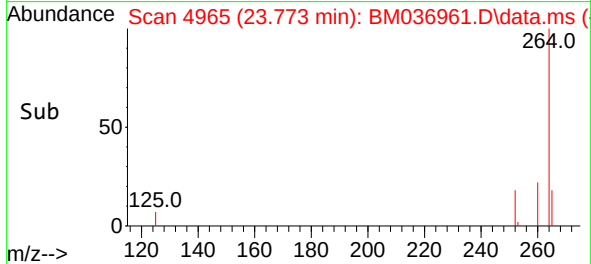
Instrument :
BNA_M
ClientSampleId :
CB8X7



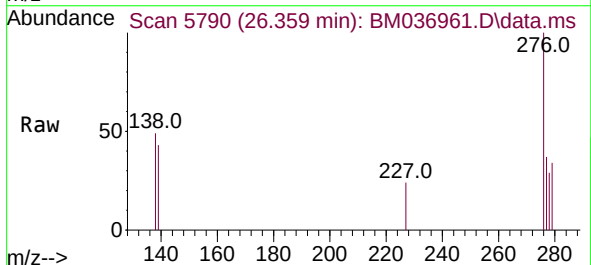
Tgt Ion:252 Resp: 6000
Ion Ratio Lower Upper
252 100
253 55.0 29.7 44.5
125 73.4 23.6 35.4

Manual Integrations
APPROVED

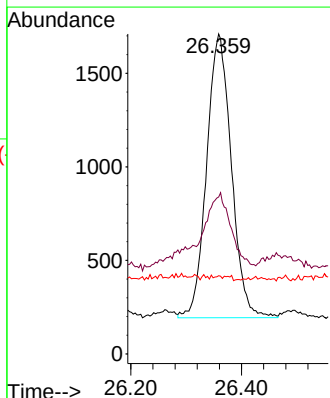
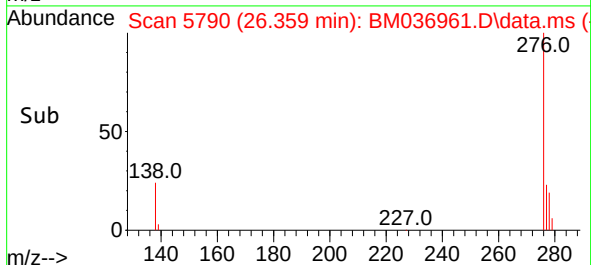
Reviewed By :Jagrut Upadhyay 10/12/2022
Supervised By :mohammad ahmed 10/12/2022

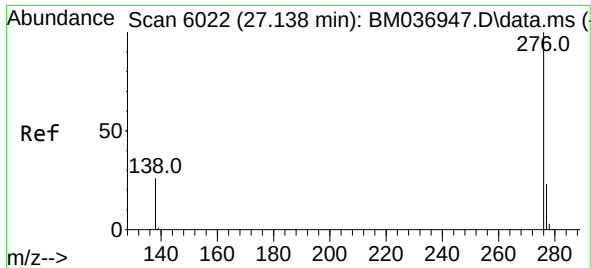


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. -0.004 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51



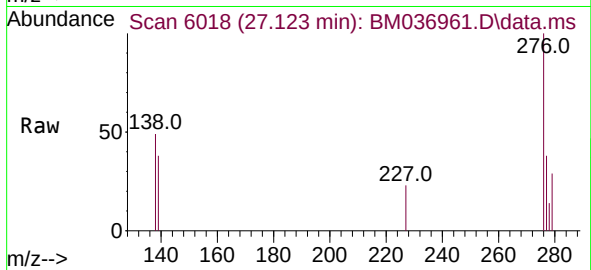
Tgt Ion:276 Resp: 4709
Ion Ratio Lower Upper
276 100
138 27.1 23.9 35.9
227 0.2 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM036961.D
Acq: 12 Oct 2022 00:51

Instrument :
BNA_M
ClientSampleId :
CB8X7



Tgt Ion:276 Resp: 4939
Ion Ratio Lower Upper
276 100
138 49.1 23.4 35.0
277 37.5 21.0 31.4

Manual Integrations
APPROVED

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

