

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036878.D
 Acq On : 08 Oct 2022 03:51
 Operator : CG/JU
 Sample : N4824-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 04:40:53 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 : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	7719	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	28596	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.589	164	23395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	39697	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	24514	0.400	ng/ul	# 0.00
23) Perylene-d12	23.903	264	21442	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	48007	4.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	19973	0.463	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	41415	0.565	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.815	128	8264	0.101	ng/ul#	49
7) 2-Methylnaphthalene	12.420	142	4912	0.098	ng/ul	86
8) 1-Methylnaphthalene	12.640	142	7714	0.152	ng/ul	99
10) Acenaphthylene	14.311	152	15769	0.162	ng/ul#	8
11) Acenaphthene	14.649	153	429812	5.093	ng/ul	98
12) Fluorene	15.634	166	179125	1.873	ng/ul	98
15) Phenanthrene	17.368	178	55038	0.434	ng/ul#	79
16) Anthracene	17.461	178	139327	1.316	ng/ul	94
19) Fluoranthene	19.378	202	736565	7.554	ng/ul	99
20) Pyrene	19.740	202	575042	5.655	ng/ul	100
21) Benzo(a)anthracene	21.479	228	80560	0.910	ng/ul#	90
22) Chrysene	21.532	228	65756	0.691	ng/ul#	87
24) Benzo(b)fluoranthene	23.166	252	31851	0.333	ng/ul#	1
25) Benzo(k)fluoranthene	23.213	252	11305m	0.121	ng/ul	
26) Benzo(a)pyrene	23.794	252	19927	0.256	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.397	276	6456	0.059	ng/ul#	1
29) Benzo(g,h,i)perylene	27.171	276	8563	0.088	ng/ul#	1

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

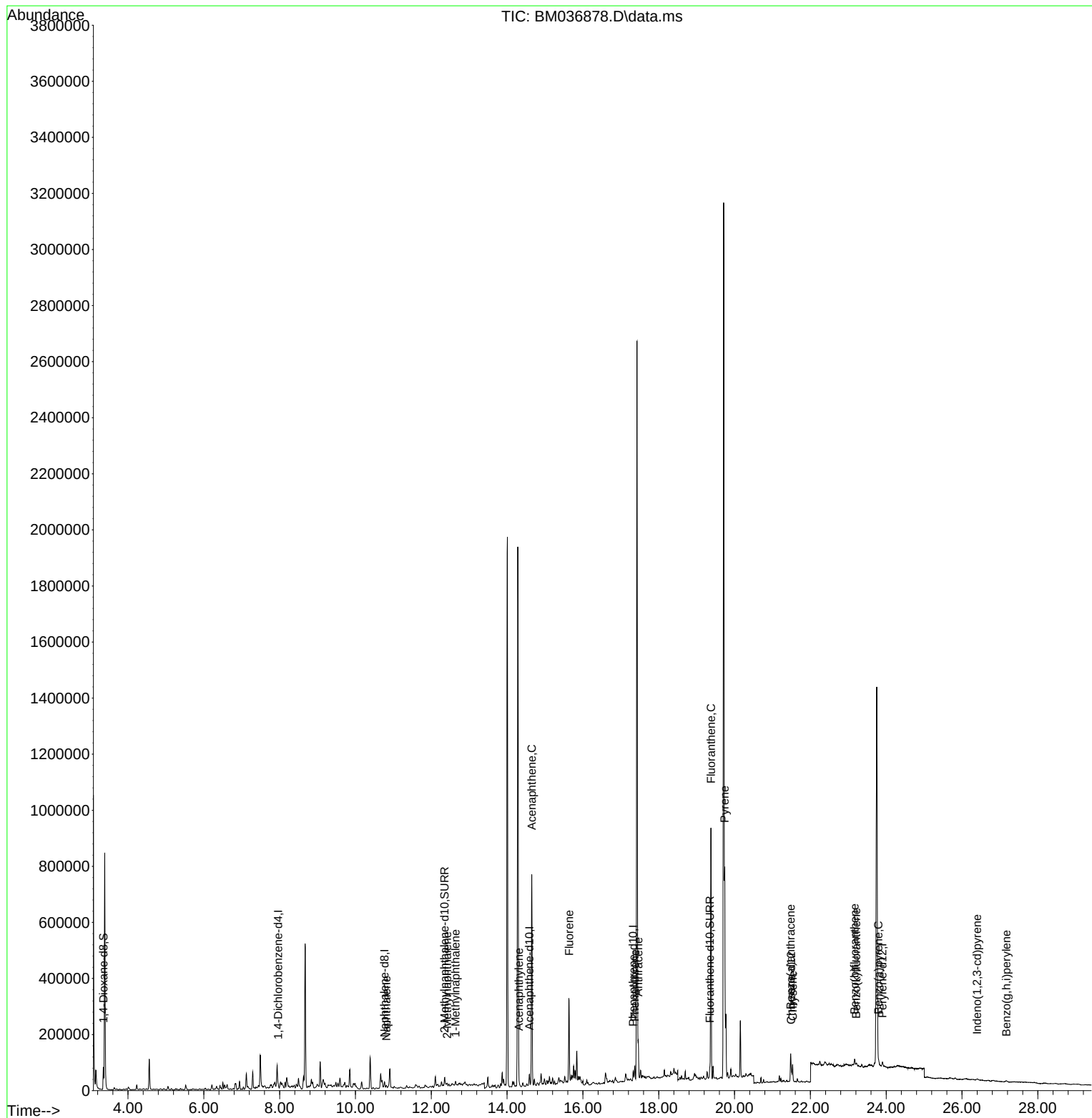
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036878.D
Acq On : 08 Oct 2022 03:51
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Sample : N4824-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

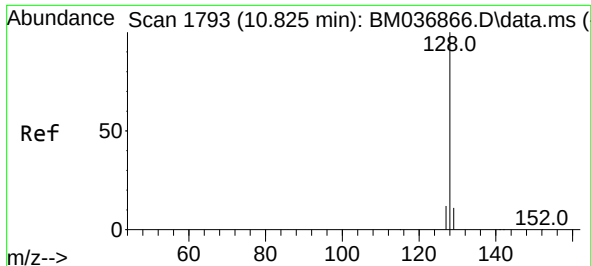
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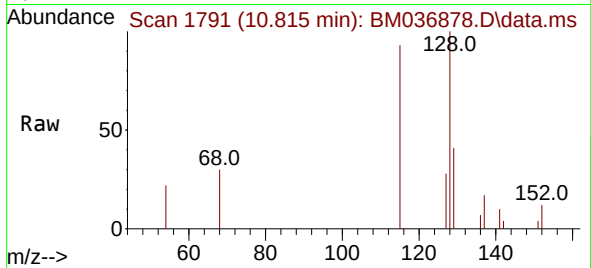
Quant Time: Oct 08 04:40:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. -0.011 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

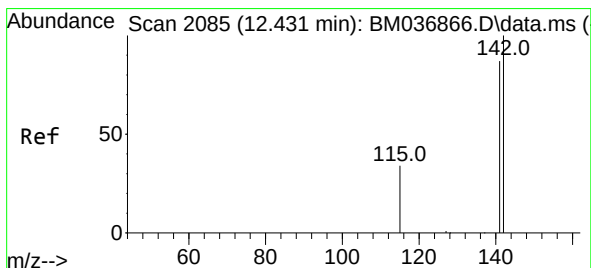
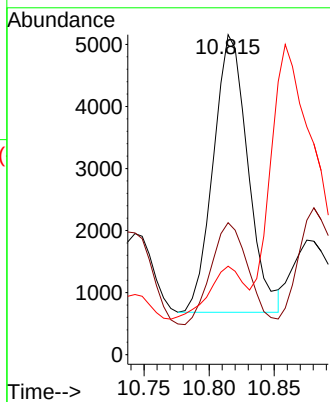
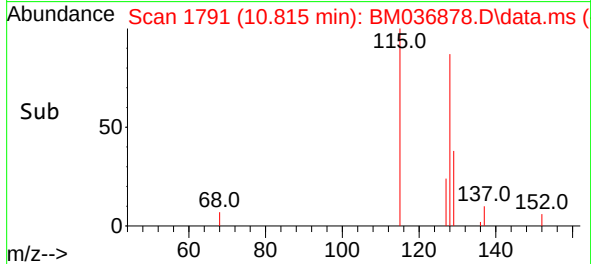
Instrument :
BNA_M
ClientSampleId :
CB8P1



Tgt Ion:128 Resp: 8264
Ion Ratio Lower Upper
128 100
129 41.2 10.2 15.2
127 27.7 11.7 17.5

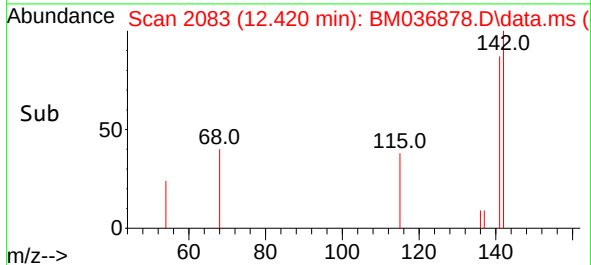
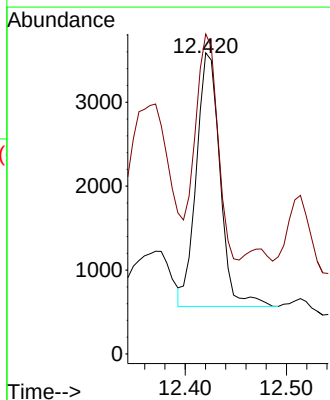
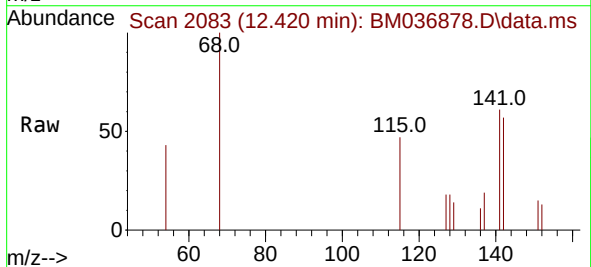
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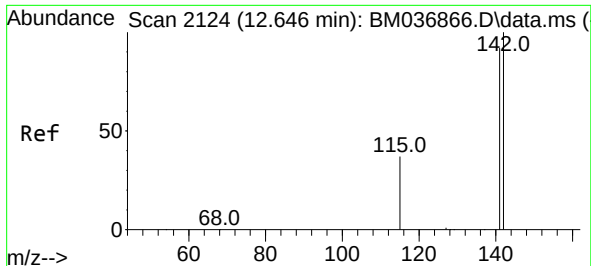
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.011 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

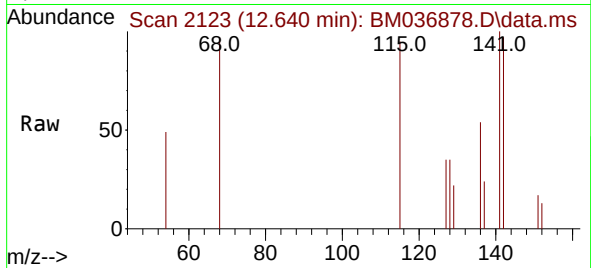
Tgt Ion:142 Resp: 4912
Ion Ratio Lower Upper
142 100
141 82.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.640 min Scan# 2124
Delta R.T. -0.011 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

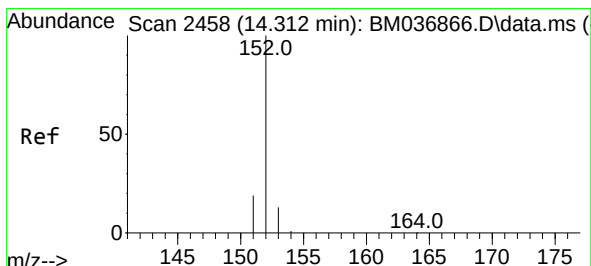
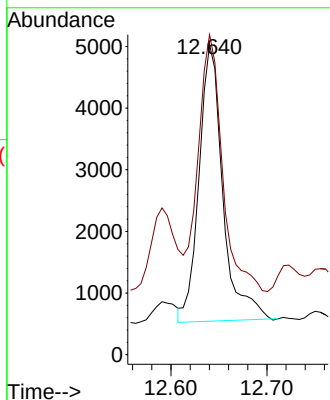
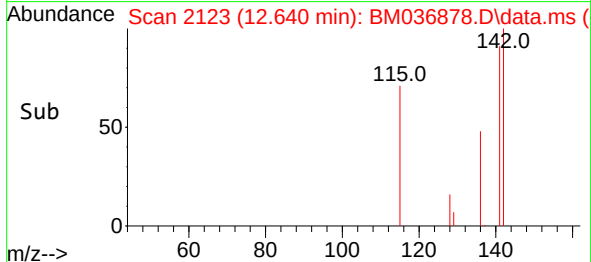
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 7714
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

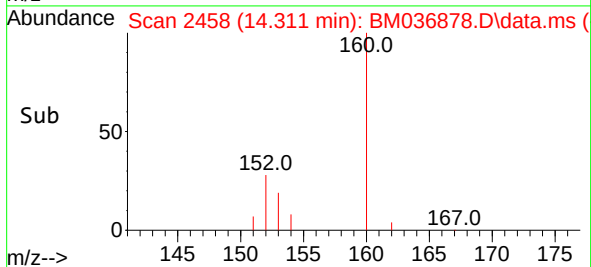
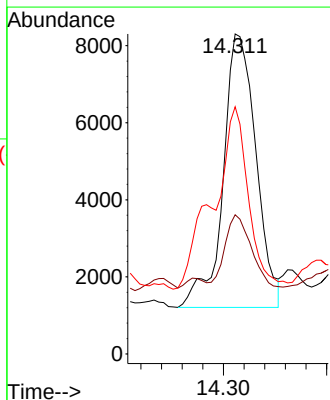
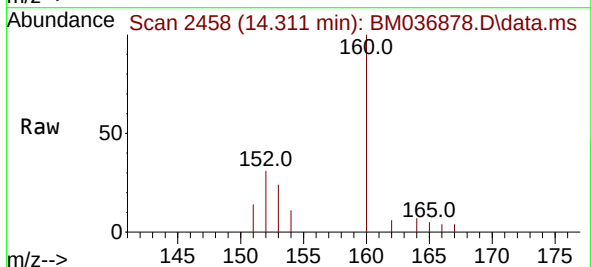
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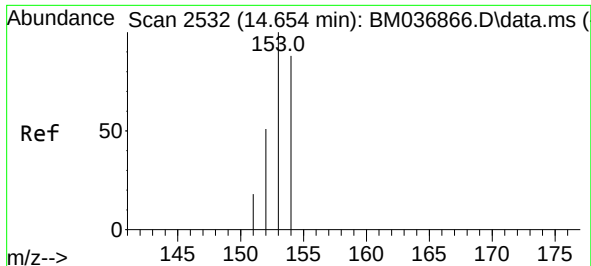
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

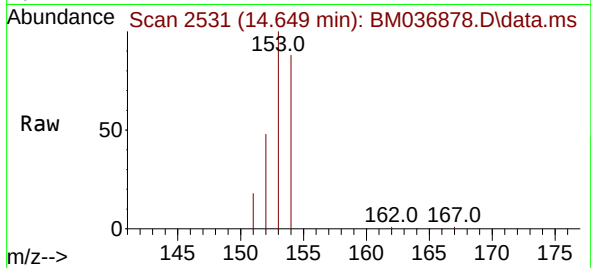
Tgt Ion:152 Resp: 15769
Ion Ratio Lower Upper
152 100
151 43.5 16.6 24.8#
153 77.2 11.4 17.0#





#11
Acenaphthene
Concen: 5.093 ng/u1
RT: 14.649 min Scan# 2531
Delta R.T. -0.005 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

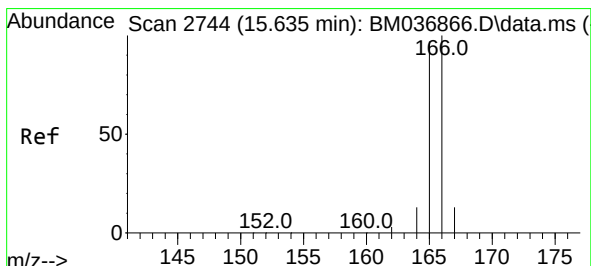
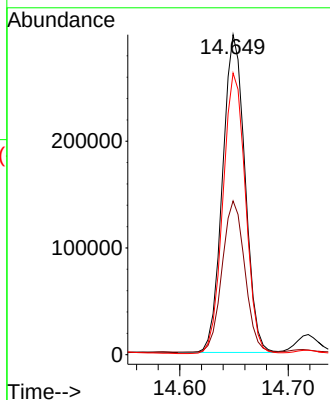
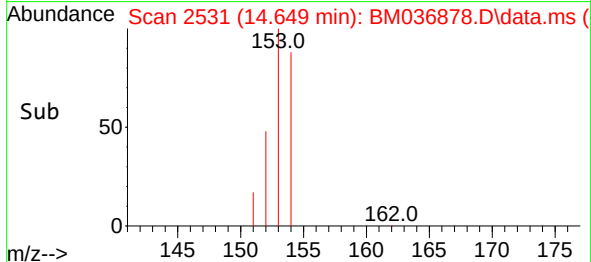
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 429812
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 88.0 69.7 104.5

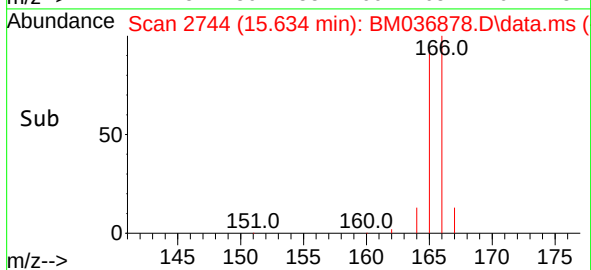
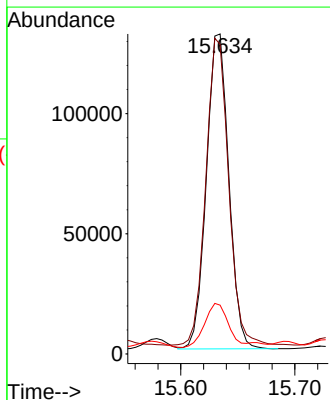
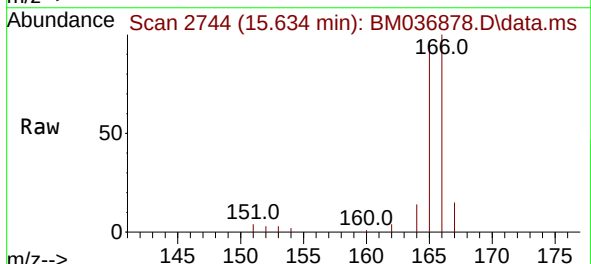
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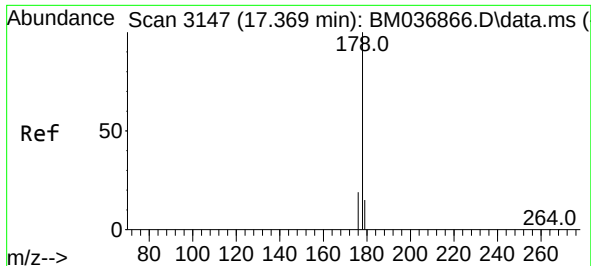
Reviewed By :Jagrut Upadhyay 10/10/2022
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#12
Fluorene
Concen: 1.873 ng/u1
RT: 15.634 min Scan# 2744
Delta R.T. -0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

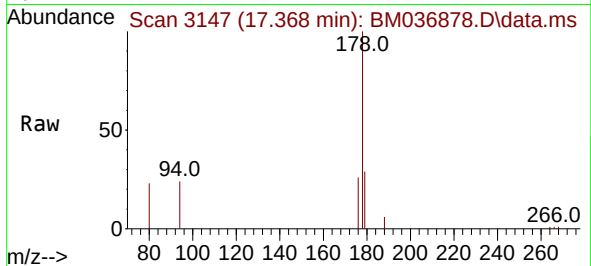
Tgt Ion:166 Resp: 179125
Ion Ratio Lower Upper
166 100
165 96.7 78.9 118.3
167 15.3 11.3 16.9





#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

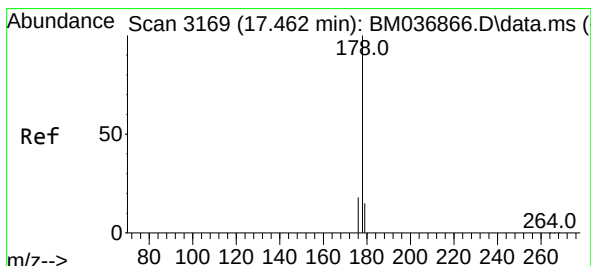
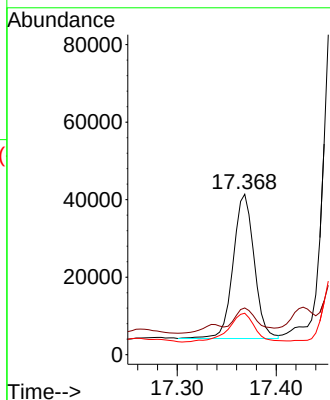
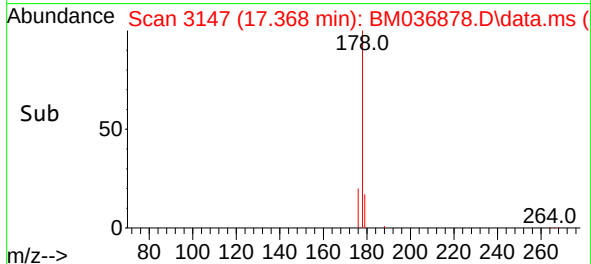
Instrument :
BNA_M
ClientSampleId :
CB8P1



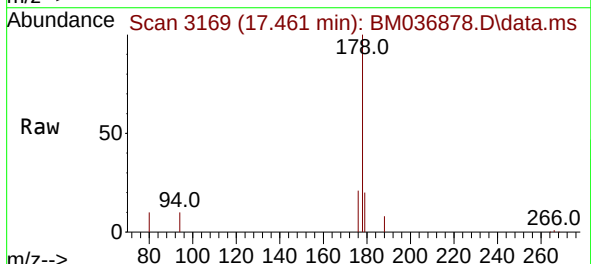
Tgt Ion:178 Resp: 55038
Ion Ratio Lower Upper
178 100
179 29.1 13.0 19.6
176 25.9 15.6 23.4

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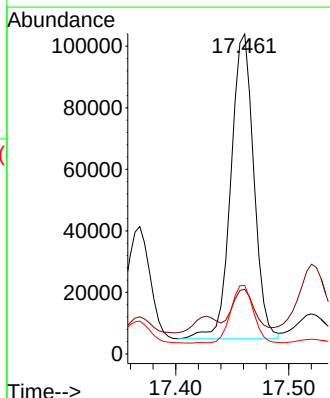
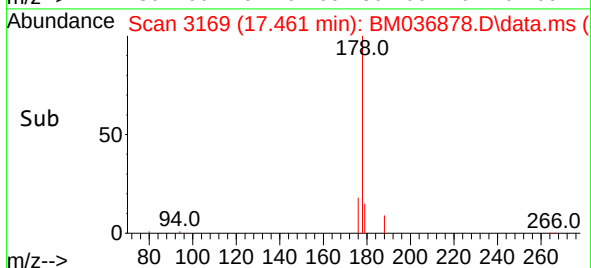
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

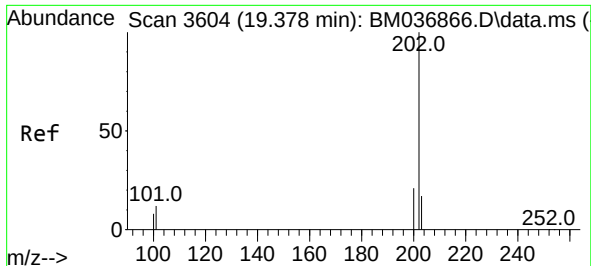


#16
Anthracene
Concen: 1.316 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51



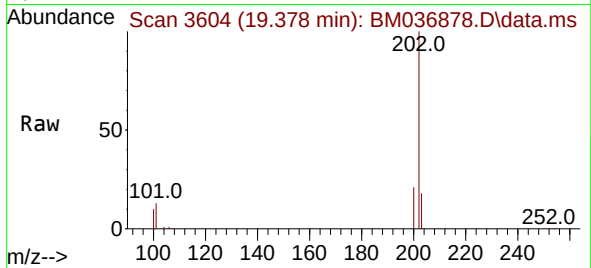
Tgt Ion:178 Resp: 139327
Ion Ratio Lower Upper
178 100
179 20.2 13.6 20.4
176 21.4 15.6 23.4





#19
Fluoranthene
Concen: 7.554 ng/u1
RT: 19.378 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

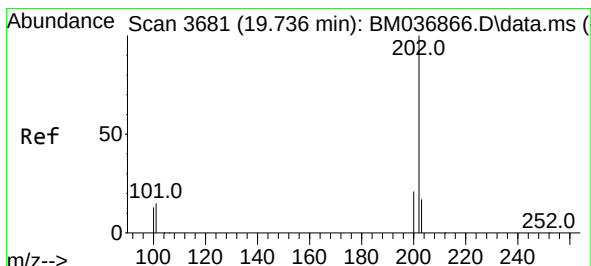
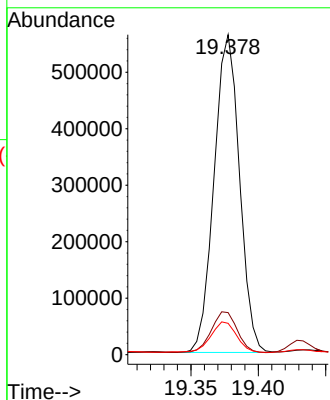
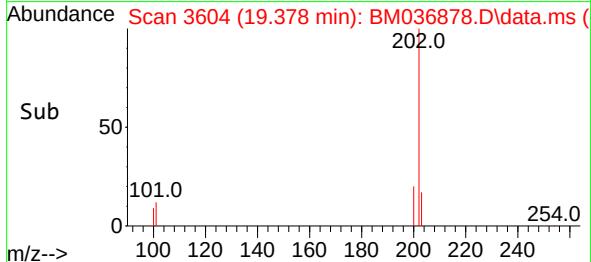
Instrument :
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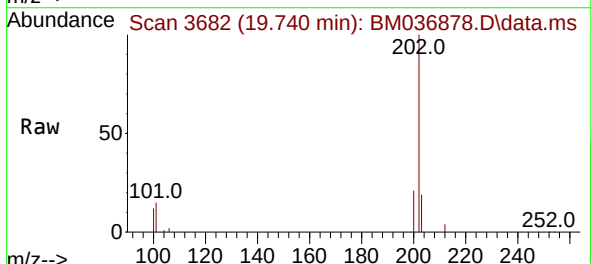
Tgt Ion:202 Resp: 73656
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.8 7.9 11.9

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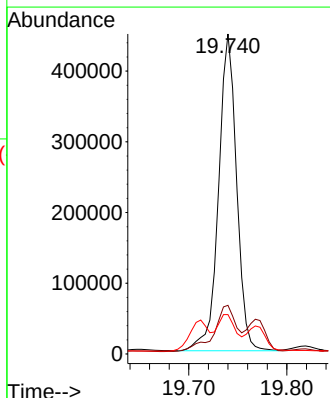
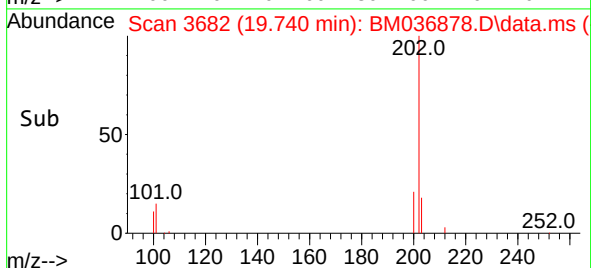
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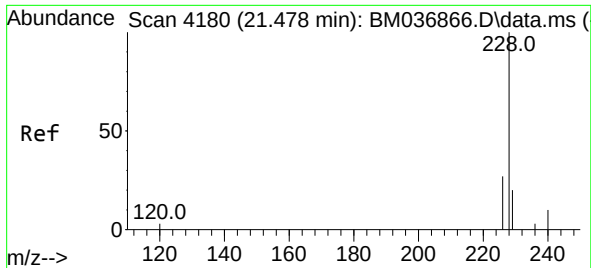


#20
Pyrene
Concen: 5.655 ng/u1
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51



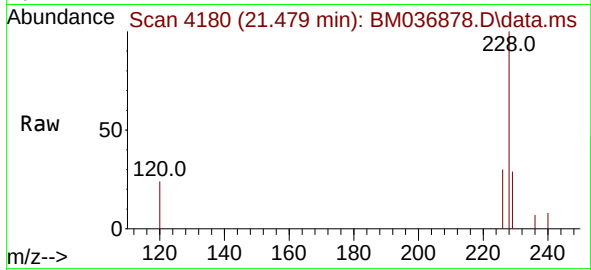
Tgt Ion:202 Resp: 575042
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.910 ng/u1
RT: 21.479 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

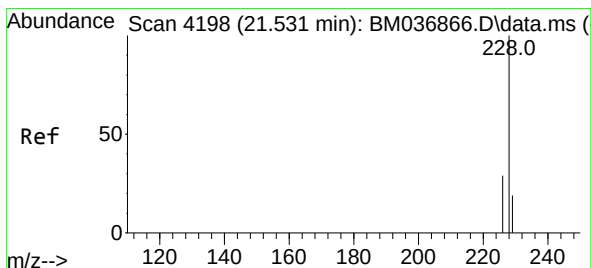
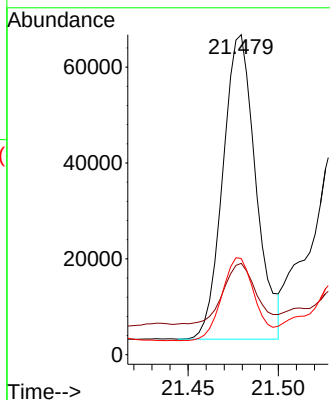
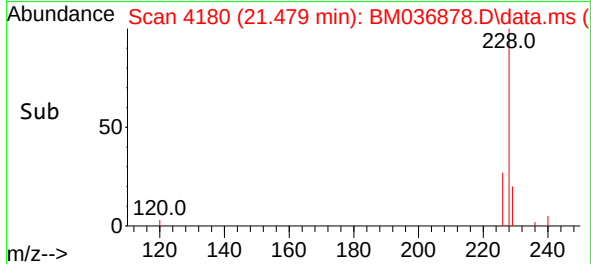
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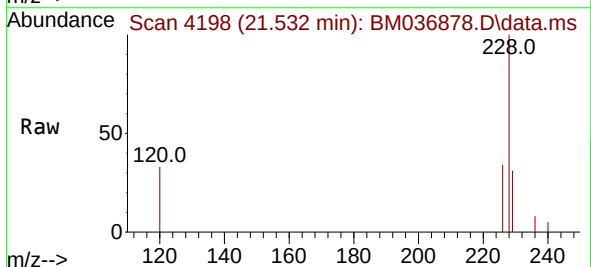
Tgt Ion:228 Resp: 80560
Ion Ratio Lower Upper
228 100
229 28.6 16.2 24.2
226 30.1 22.5 33.7

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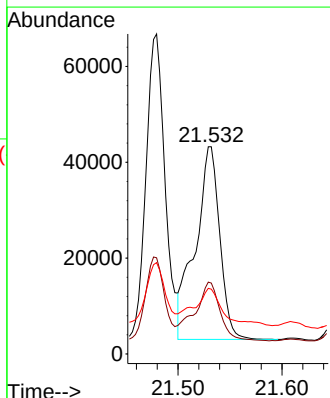
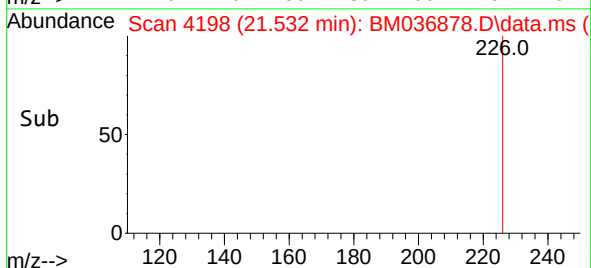
Reviewed By :Jagrut Upadhyay 10/10/2022
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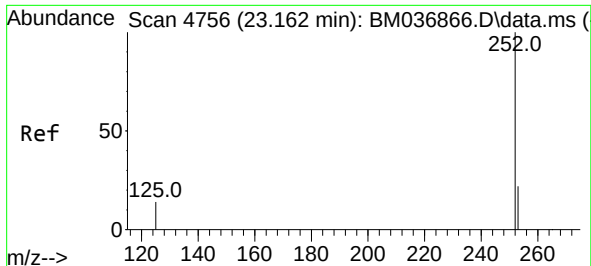


#22
Chrysene
Concen: 0.691 ng/u1
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51



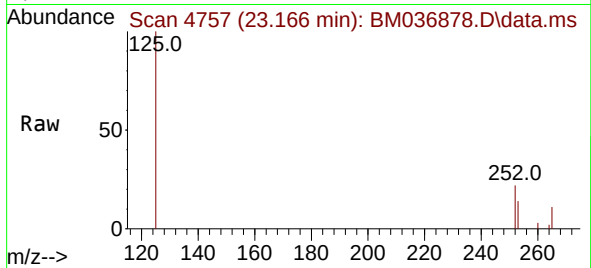
Tgt Ion:228 Resp: 65756
Ion Ratio Lower Upper
228 100
226 34.2 24.6 37.0
229 31.3 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.166 min Scan# 4756
Delta R.T. -0.002 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

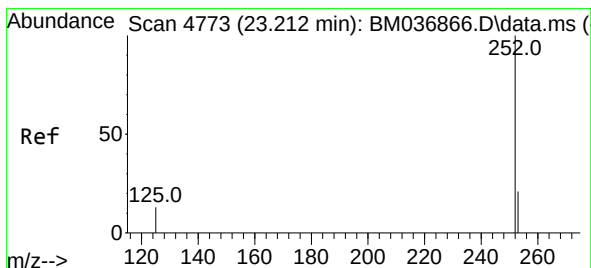
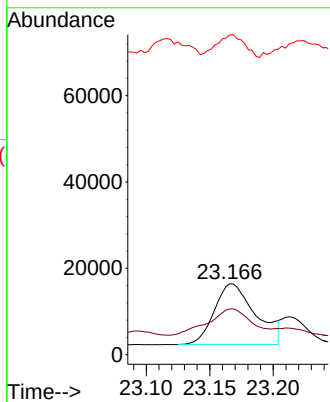
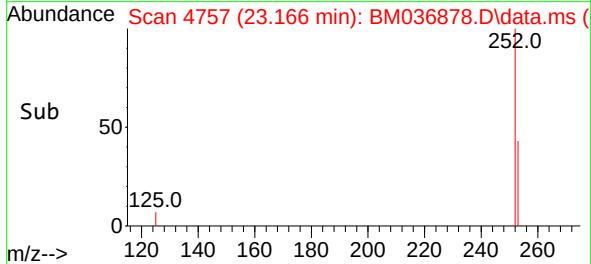
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 3185
Ion Ratio Lower Upper
252 100
253 64.6 0.0 61.4#
125 451.2 0.0 42.6#

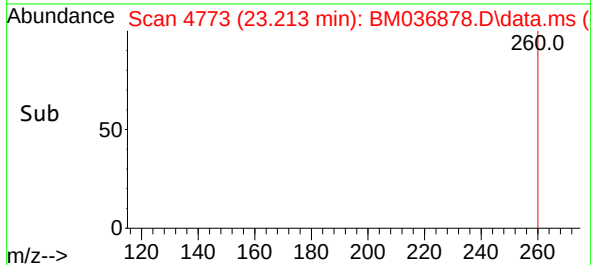
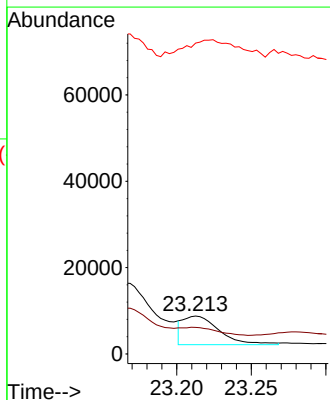
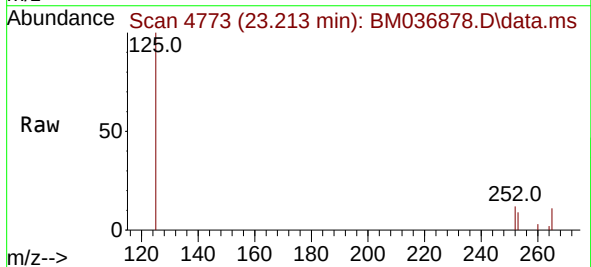
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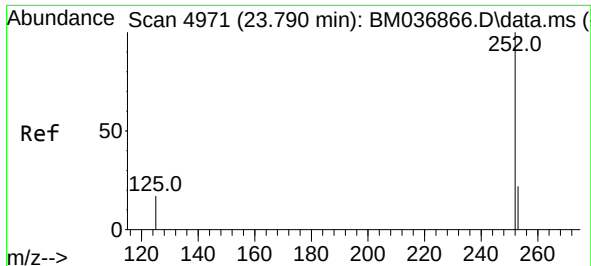
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022



#25
Benzo(k)fluoranthene
Concen: 0.121 ng/ul m
RT: 23.213 min Scan# 4773
Delta R.T. -0.005 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

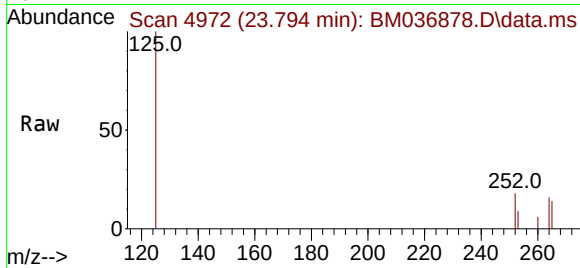
Tgt Ion:252 Resp: 11305
Ion Ratio Lower Upper
252 100
253 70.2 25.2 37.8#
125 818.6 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.794 min Scan# 4971
Delta R.T. 0.001 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

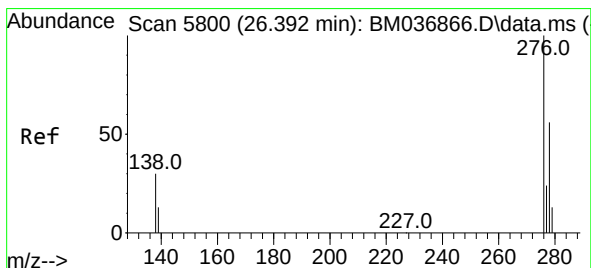
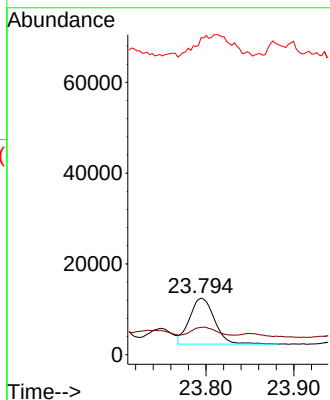
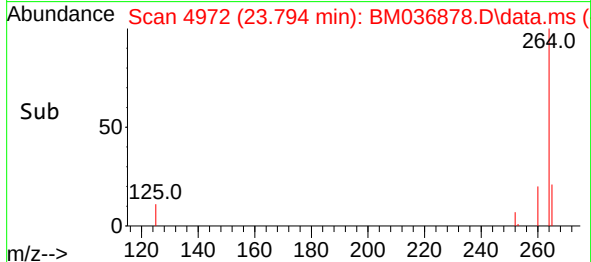
Instrument :
BNA_M
ClientSampleId :
CB8P1



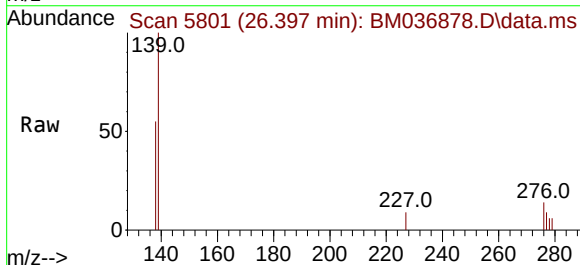
Tgt Ion:252 Resp: 1992
Ion Ratio Lower Upper
252 100
253 48.3 29.7 44.5
125 560.4 23.6 35.4

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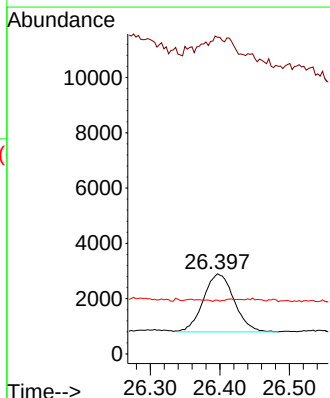
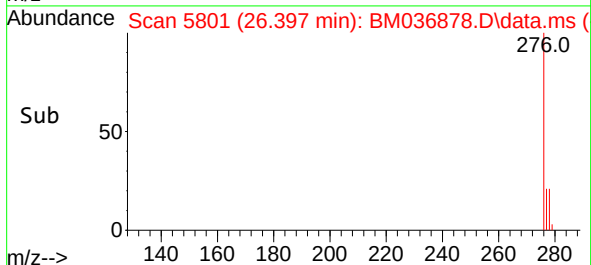
Reviewed By :Jagrut Upadhyay 10/10/2022
Supervised By :mohammad ahmed 10/11/2022

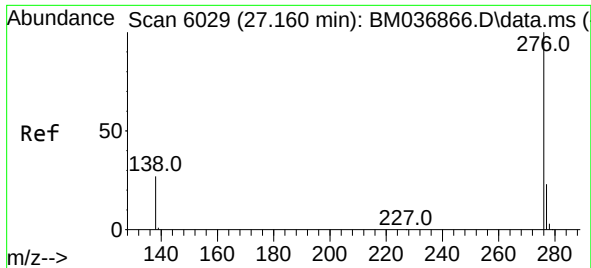


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/ul
RT: 26.397 min Scan# 5801
Delta R.T. -0.003 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51



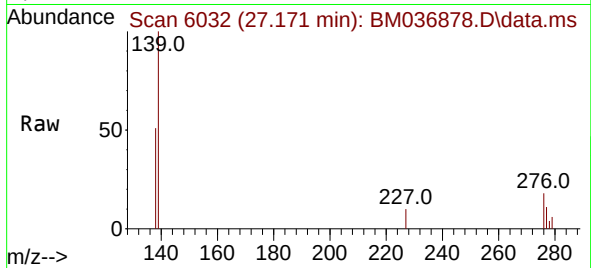
Tgt Ion:276 Resp: 6456
Ion Ratio Lower Upper
276 100
138 201.7 23.9 35.9#
227 0.4 0.1 0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul
RT: 27.171 min Scan# 60
Delta R.T. 0.008 min
Lab File: BM036878.D
Acq: 08 Oct 2022 03:51

Instrument :
BNA_M
ClientSampleId :
CB8P1



Tgt Ion:276 Resp: 856
Ion Ratio Lower Upper
276 100
138 286.7 23.4 35.0
277 59.1 21.0 31.4

Manual Integrations
APPROVED

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

