

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036907.D
 Acq On : 10 Oct 2022 14:49
 Operator : CG/JU
 Sample : N4824-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:17:12 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	7.960	152	7679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	27764	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	22602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	35591	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	19300	0.400	ng/ul	# 0.00
23) Perylene-d12	23.899	264	18449	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	51589	4.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	19695	0.470	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	34939	0.605	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.815	128	7903	0.100	ng/ul#	50
7) 2-Methylnaphthalene	12.420	142	4649	0.096	ng/ul	90
8) 1-Methylnaphthalene	12.640	142	7356	0.149	ng/ul	97
10) Acenaphthylene	14.311	152	14894	0.159	ng/ul#	7
11) Acenaphthene	14.649	153	407963	5.004	ng/ul	97
12) Fluorene	15.630	166	168105	1.820	ng/ul	99
15) Phenanthrene	17.364	178	49513	0.436	ng/ul#	80
16) Anthracene	17.457	178	125658	1.323	ng/ul	95
19) Fluoranthene	19.373	202	620198	8.079	ng/ul	98
20) Pyrene	19.740	202	473841	5.919	ng/ul	99
21) Benzo(a)anthracene	21.476	228	65086	0.933	ng/ul#	90
22) Chrysene	21.529	228	54050	0.722	ng/ul#	88
24) Benzo(b)fluoranthene	23.163	252	27491	0.334	ng/ul#	1
25) Benzo(k)fluoranthene	23.209	252	10132m	0.126	ng/ul	
26) Benzo(a)pyrene	23.791	252	17577	0.263	ng/ul#	1
29) Benzo(g,h,i)perylene	27.171	276	7981	0.096	ng/ul#	1

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

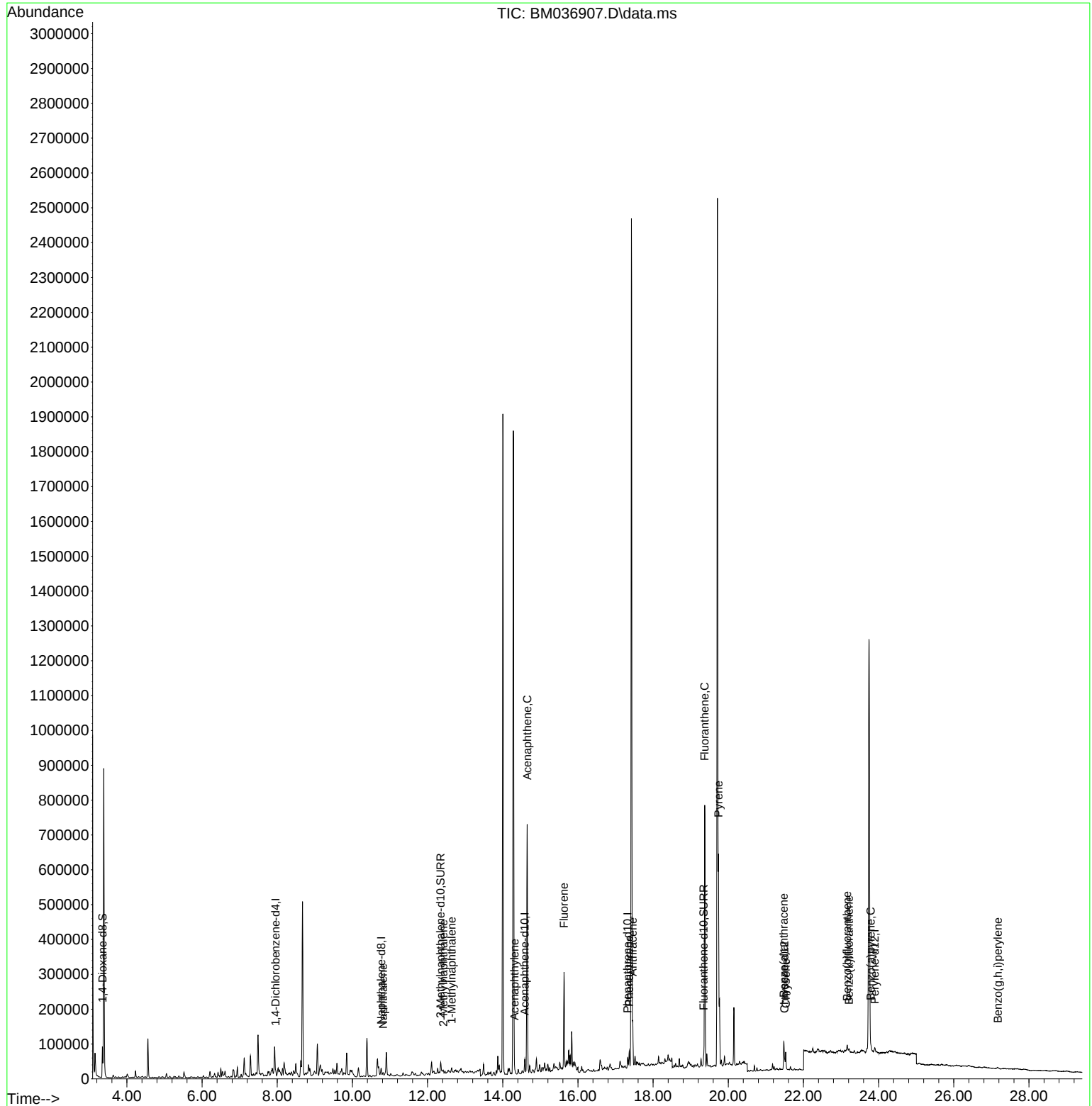
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036907.D
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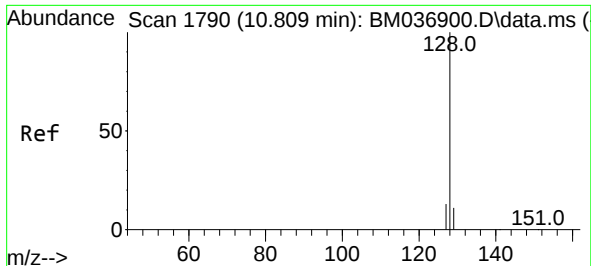
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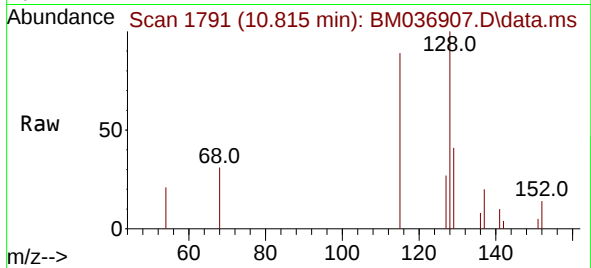
Quant Time: Oct 11 02:17:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

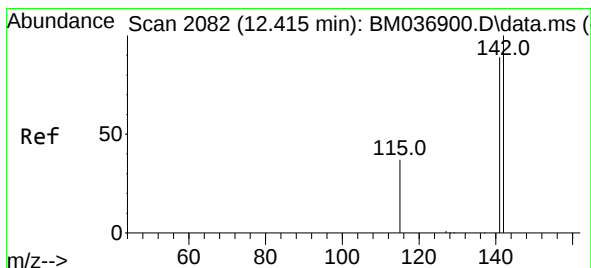
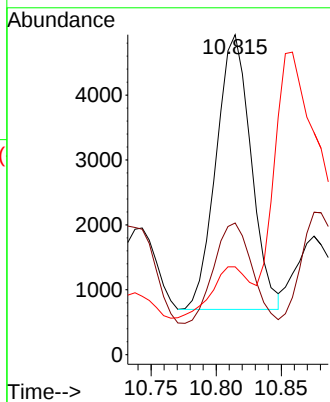
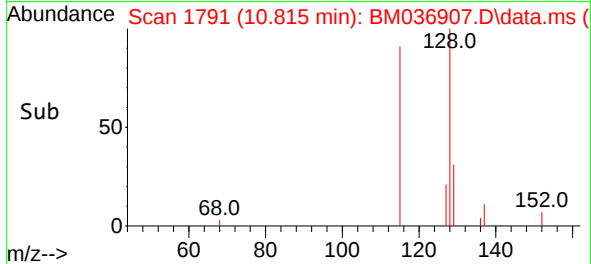
Instrument :
BNA_M
ClientSampleId :
CB8P1



Tgt Ion:128 Resp: 790
Ion Ratio Lower Upper
128 100
129 41.1 10.2 15.2
127 27.5 11.7 17.5

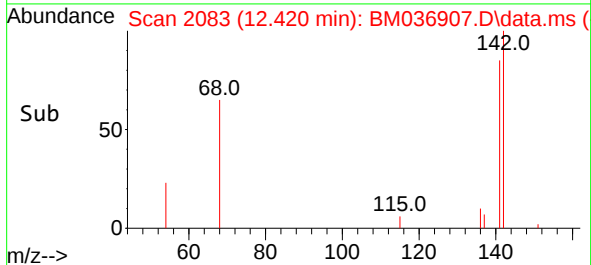
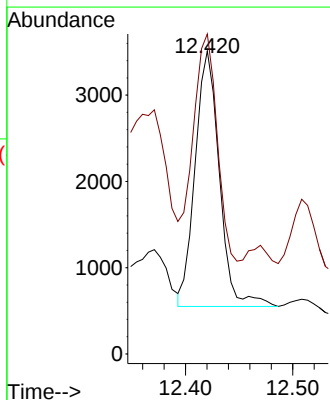
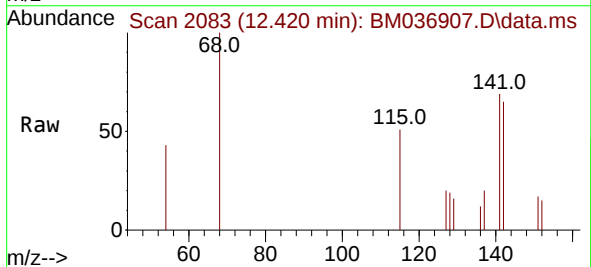
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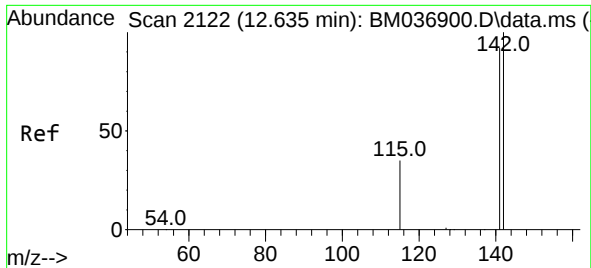
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

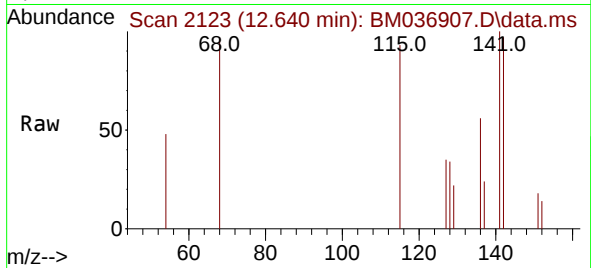
Tgt Ion:142 Resp: 4649
Ion Ratio Lower Upper
142 100
141 87.1 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

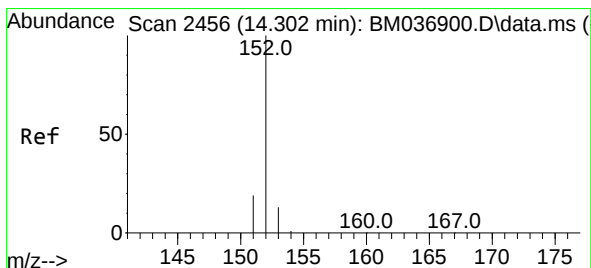
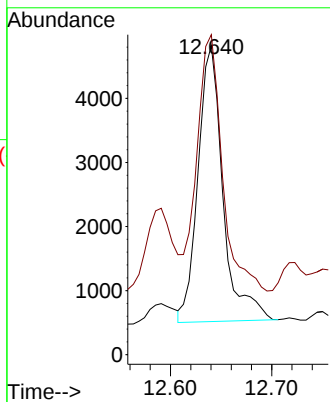
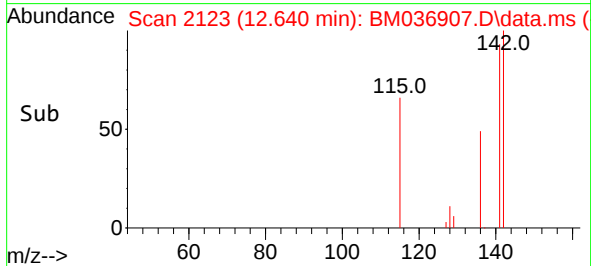
Instrument :
BNA_M
ClientSampleId :
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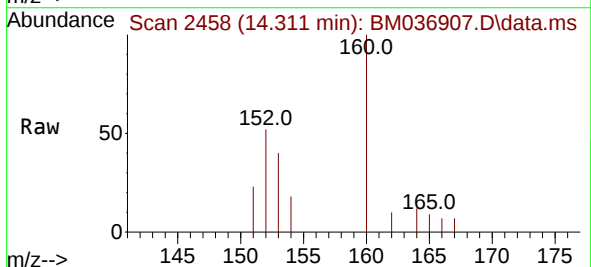
Tgt Ion:142 Resp: 7350
Ion Ratio Lower Upper
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141 95.6 74.1 111.1

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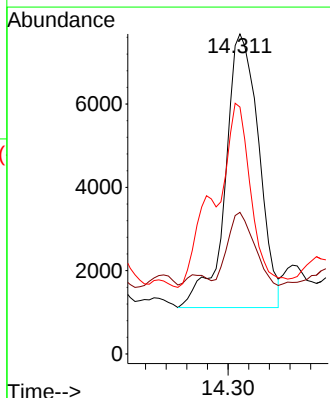
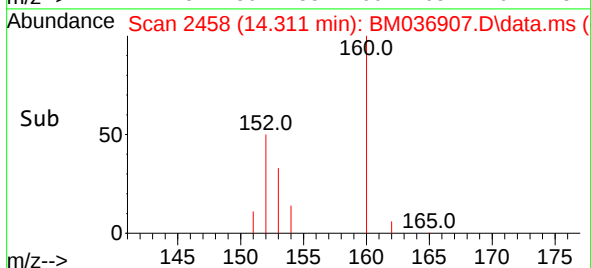
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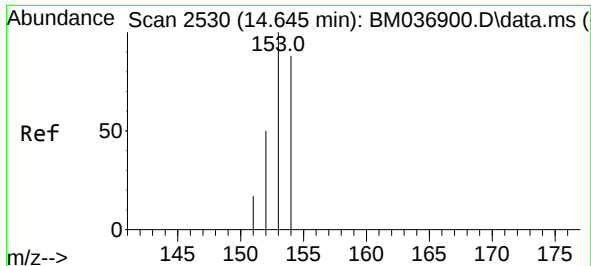


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. 0.004 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49



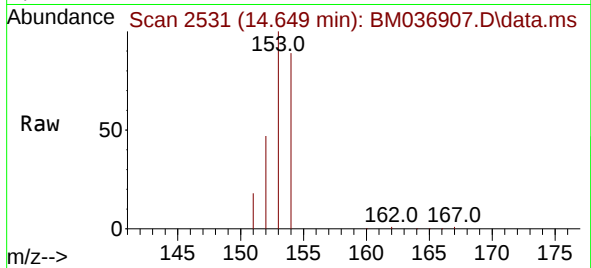
Tgt Ion:152 Resp: 14894
Ion Ratio Lower Upper
152 100
151 44.3 16.6 24.8#
153 77.1 11.4 17.0#





#11
Acenaphthene
Concen: 5.004 ng/u1
RT: 14.649 min Scan# 2530
Delta R.T. 0.004 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

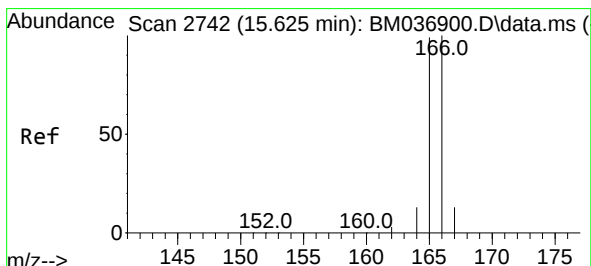
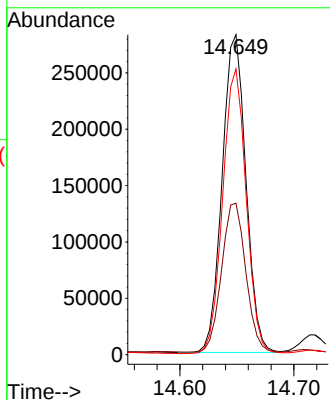
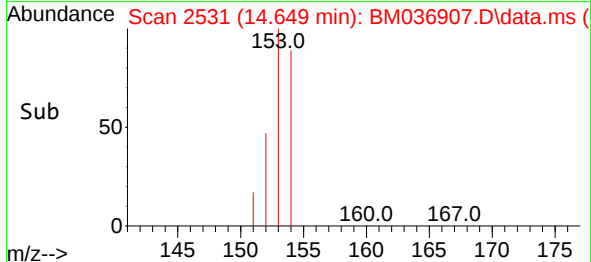
Instrument :
BNA_M
ClientSampleId :
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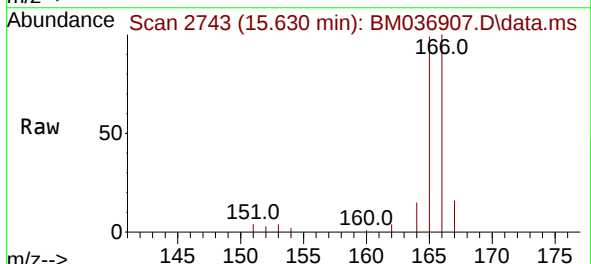
Tgt Ion:153 Resp: 40796
Ion Ratio Lower Upper
153 100
152 47.4 40.2 60.4
154 89.2 69.7 104.5

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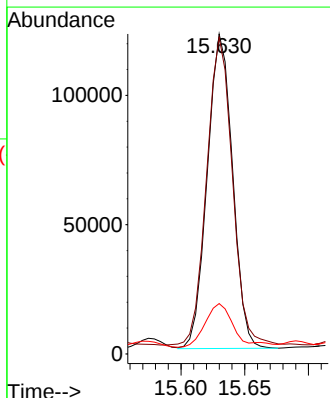
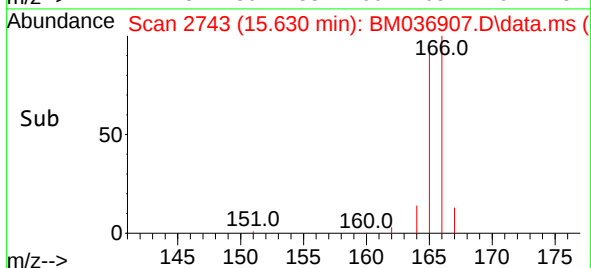
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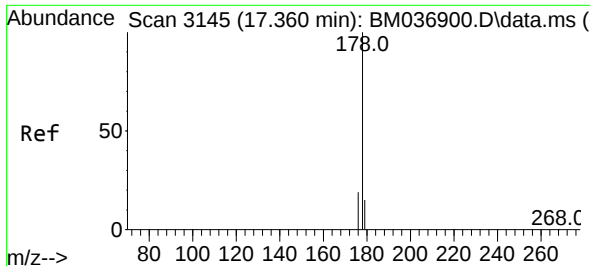


#12
Fluorene
Concen: 1.820 ng/u1
RT: 15.630 min Scan# 2743
Delta R.T. -0.001 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49



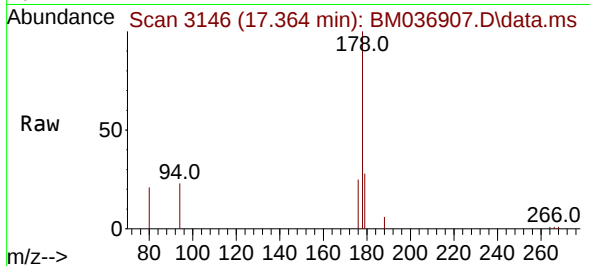
Tgt Ion:166 Resp: 168105
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 15.8 11.3 16.9





#15
Phenanthrene
Concen: 0.436 ng/u1
RT: 17.364 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

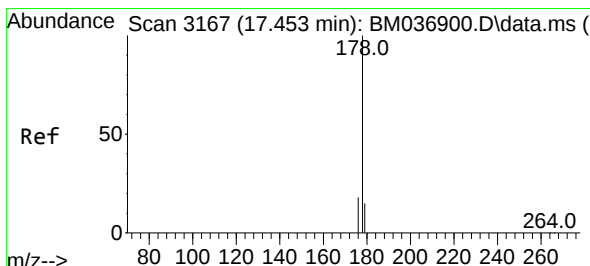
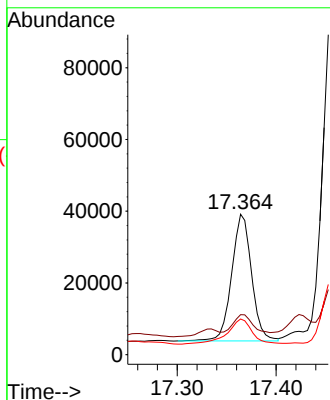
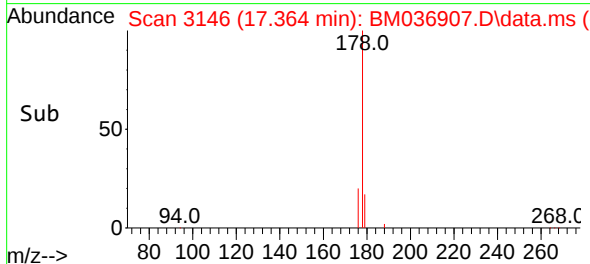
Instrument :
BNA_M
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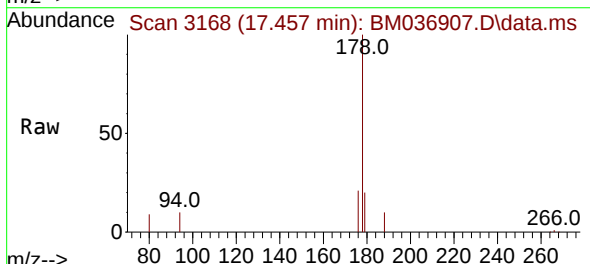
Tgt Ion:178 Resp: 49511
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.6
176 25.4 15.6 23.4

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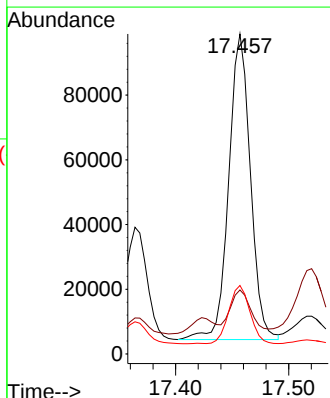
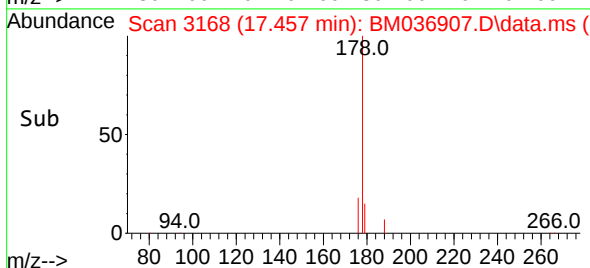
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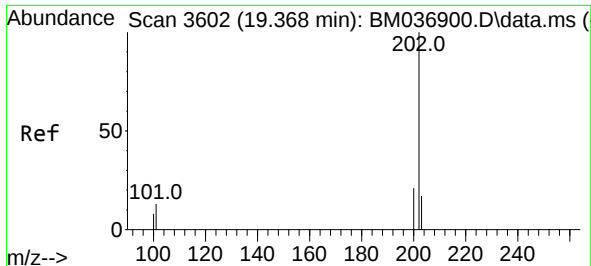


#16
Anthracene
Concen: 1.323 ng/u1
RT: 17.457 min Scan# 3168
Delta R.T. 0.003 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49



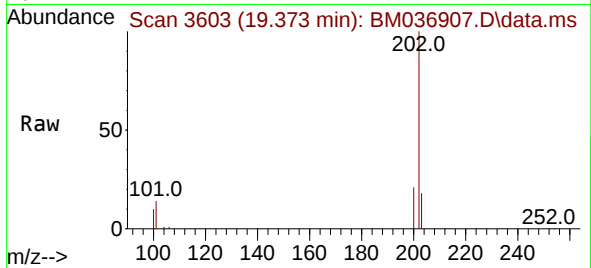
Tgt Ion:178 Resp: 125658
Ion Ratio Lower Upper
178 100
179 20.0 13.6 20.4
176 21.4 15.6 23.4





#19
Fluoranthene
Concen: 8.079 ng/u1
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

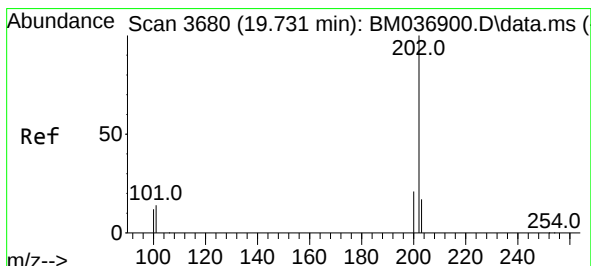
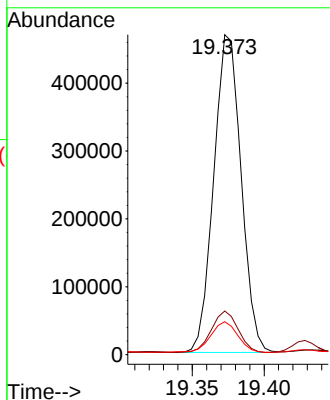
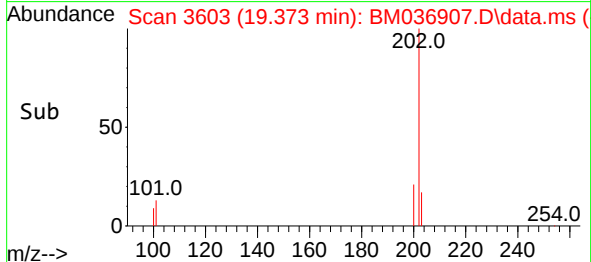
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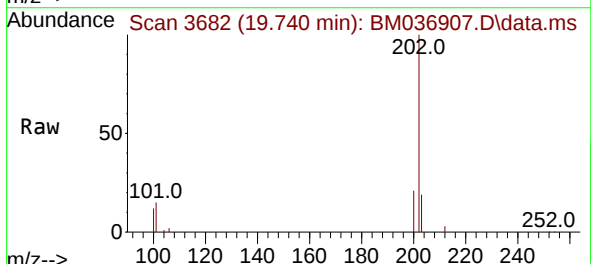
Tgt Ion:202 Resp: 620198
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 10.3 7.9 11.9

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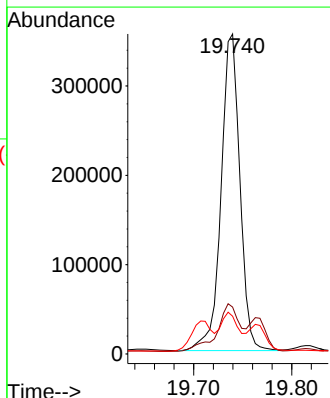
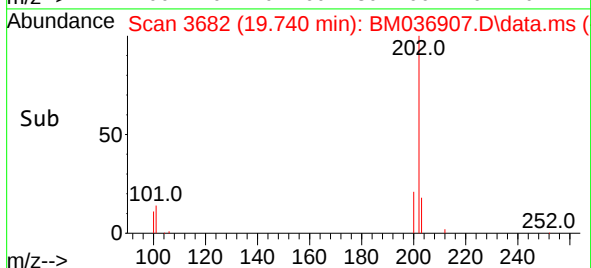
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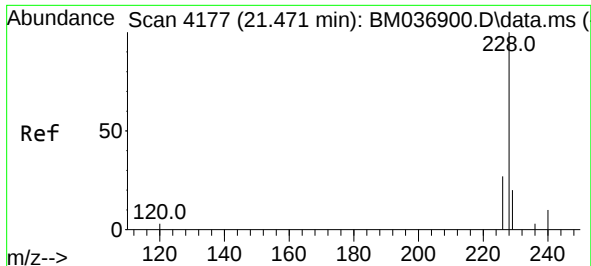


#20
Pyrene
Concen: 5.919 ng/u1
RT: 19.740 min Scan# 3682
Delta R.T. 0.008 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49



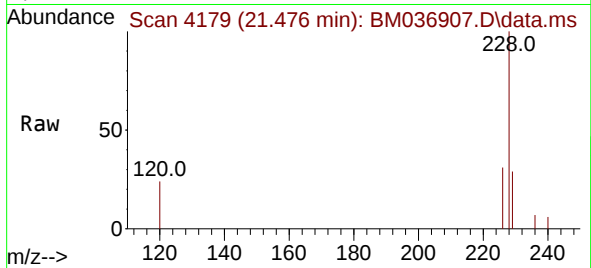
Tgt Ion:202 Resp: 473841
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.933 ng/u1
RT: 21.476 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

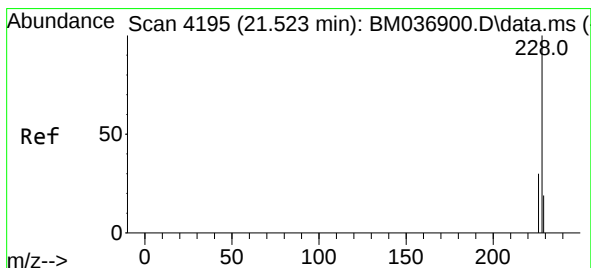
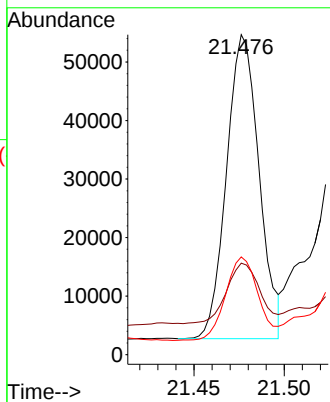
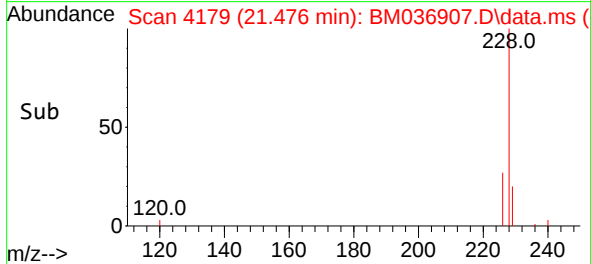
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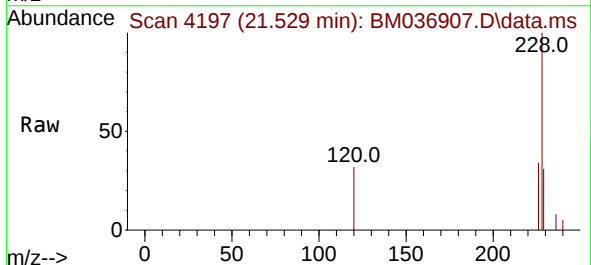
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Ion Ratio Lower Upper
228 100
229 28.6 16.2 24.2
226 30.6 22.5 33.7

Manual Integrations
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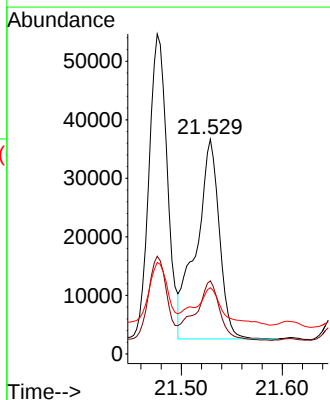
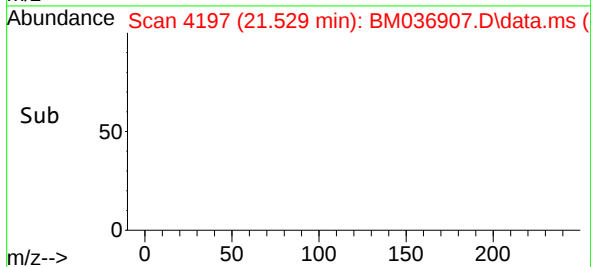
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Supervised By :mohammad ahmed 10/12/2022

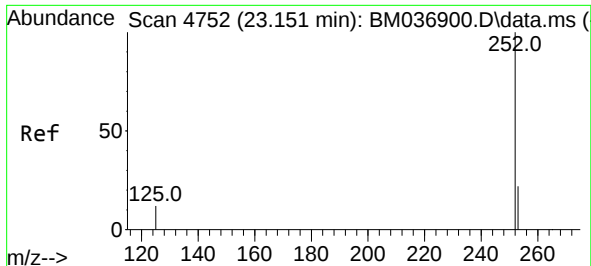


#22
Chrysene
Concen: 0.722 ng/u1
RT: 21.529 min Scan# 4197
Delta R.T. 0.003 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49



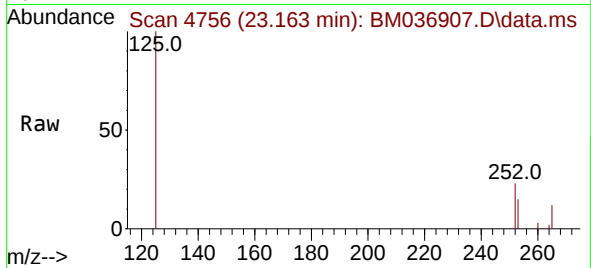
Tgt Ion:228 Resp: 54050
Ion Ratio Lower Upper
228 100
226 34.0 24.6 37.0
229 30.8 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. 0.006 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

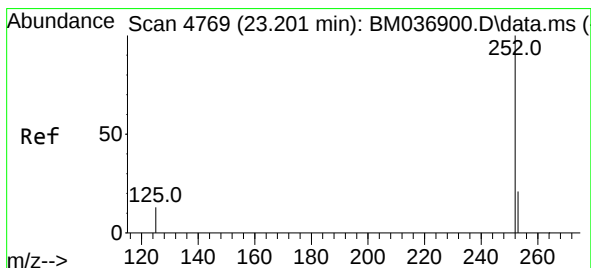
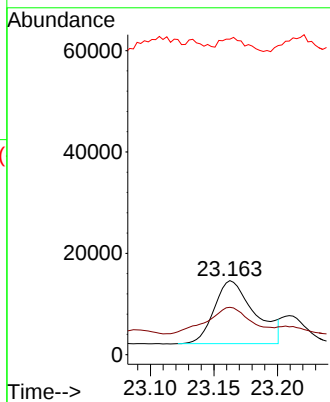
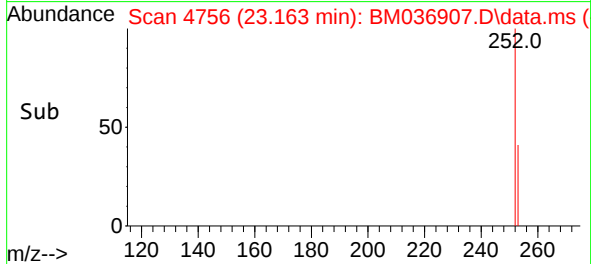
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Tgt Ion:252 Resp: 2749
Ion Ratio Lower Upper
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253 63.9 0.0 61.4#
125 425.6 0.0 42.6#

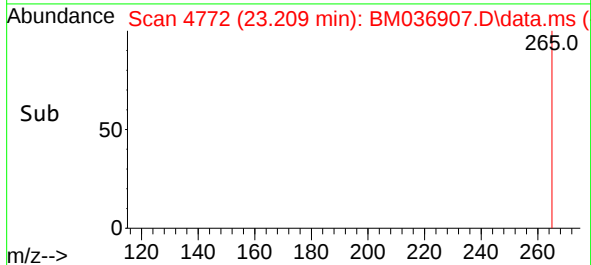
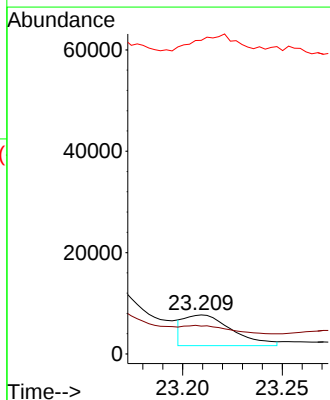
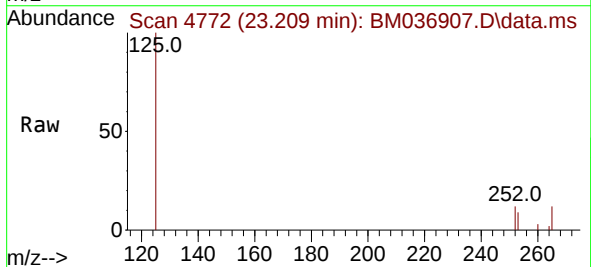
Manual Integrations
APPROVED

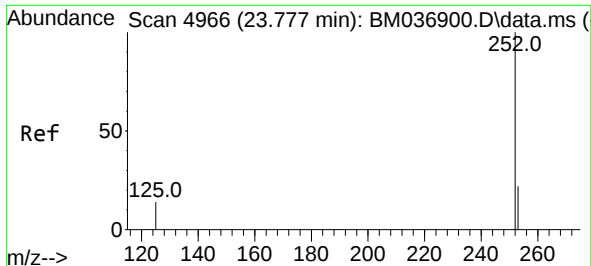
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.126 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. 0.006 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

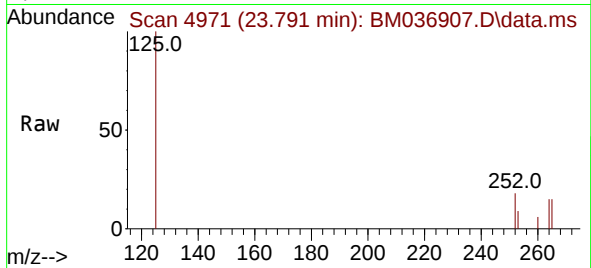
Tgt Ion:252 Resp: 10132
Ion Ratio Lower Upper
252 100
253 71.5 25.2 37.8#
125 803.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.791 min Scan# 4966
Delta R.T. 0.009 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

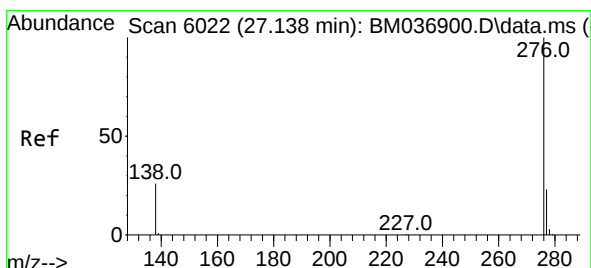
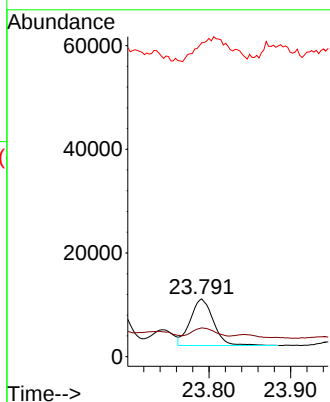
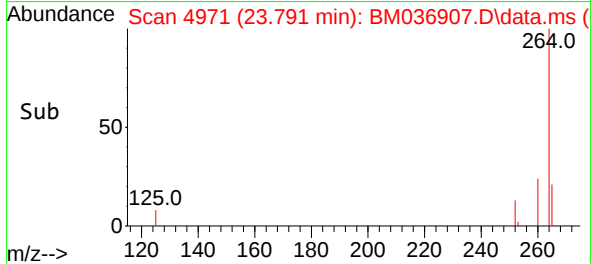
Instrument :
BNA_M
ClientSampleId :
CB8P1



Tgt Ion:252 Resp: 1757
Ion Ratio Lower Upper
252 100
253 49.9 29.7 44.5#
125 542.8 23.6 35.4#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.171 min Scan# 6032
Delta R.T. 0.024 min
Lab File: BM036907.D
Acq: 10 Oct 2022 14:49

Tgt Ion:276 Resp: 7981
Ion Ratio Lower Upper
276 100
138 282.4 23.4 35.0#
277 60.6 21.0 31.4#

