

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039821.D
 Acq On : 03 May 2023 03:08
 Operator : CG/JU
 Sample : 02419-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW919

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 05:23:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3450	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	10903	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	5878	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	11026	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	6497	0.400	ng/ul	# 0.00
23) Perylene-d12	23.766	264	9742	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	12712	2.500	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3140	0.225	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	5627	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	48418	1.768	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	44264	2.801	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	33540	1.979	ng/ul	99
10) Acenaphthylene	14.168	152	70831	3.113	ng/ul	99
11) Acenaphthene	14.511	153	85063	4.760	ng/ul	98
12) Fluorene	15.501	166	94905	4.787	ng/ul	99
15) Phenanthrene	17.246	178	1528801	52.629	ng/ul	99
16) Anthracene	17.339	178	349265	14.003	ng/ul	97
19) Fluoranthene	19.276	202	2579446	111.285	ng/ul	99
20) Pyrene	19.638	202	2196855	87.767	ng/ul	99
21) Benzo(a)anthracene	21.389	228	1164329	62.331	ng/ul	98
22) Chrysene	21.442	228	1028238	48.640	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	1609461	47.042	ng/ul	92
25) Benzo(k)fluoranthene	23.093	252	490717m	14.086	ng/ul	
26) Benzo(a)pyrene	23.666	252	1127395	36.702	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.219	276	854643	22.003	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.219	278	216350	7.176	ng/ul	99
29) Benzo(g,h,i)perylene	26.981	276	807384	23.855	ng/ul	97

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

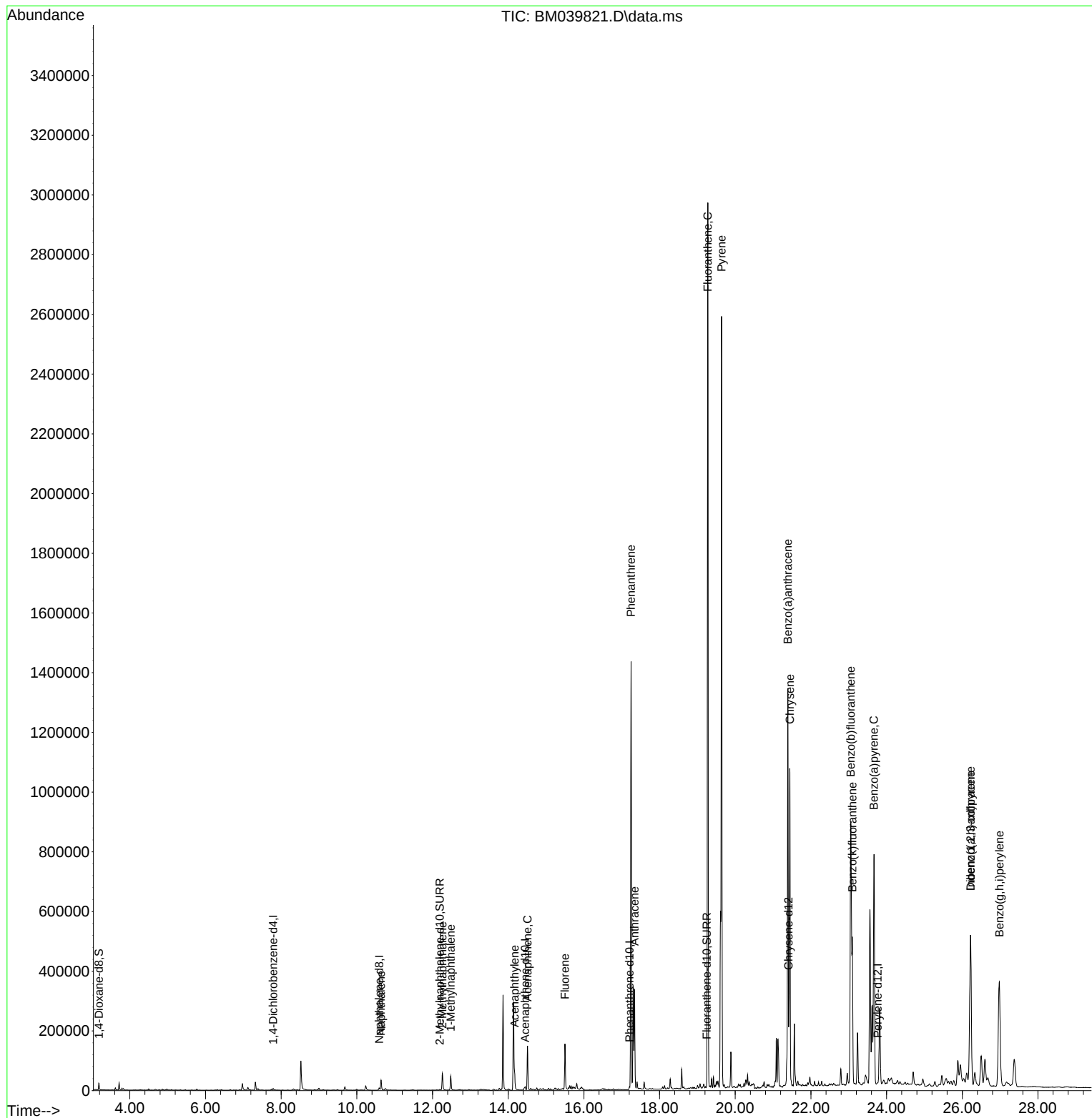
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039821.D
Acq On : 03 May 2023 03:08
Operator : CG/JU
Sample : 02419-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

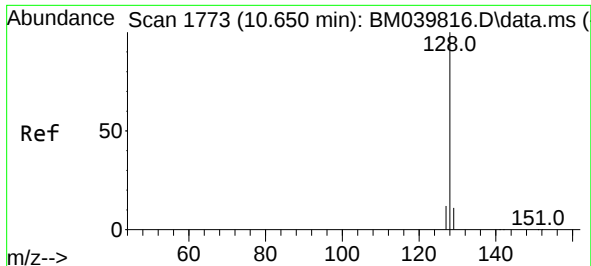
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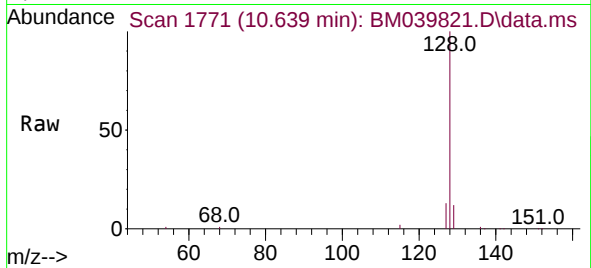
Quant Time: May 03 05:23:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.768 ng/ul
RT: 10.639 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

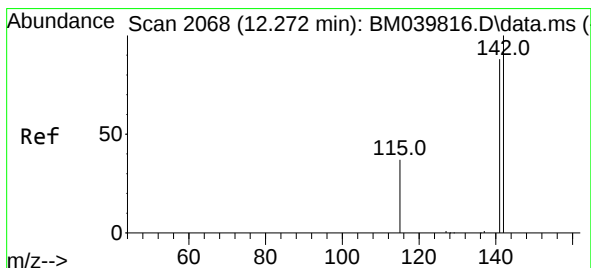
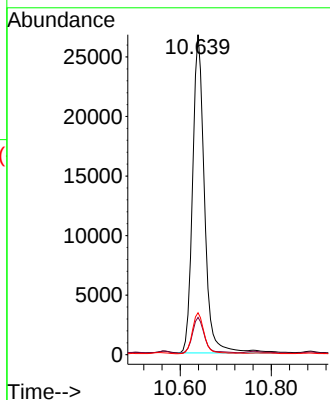
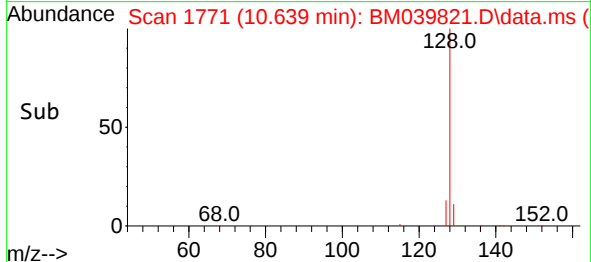
Instrument :
BNA_M
ClientSampleId :
EW919



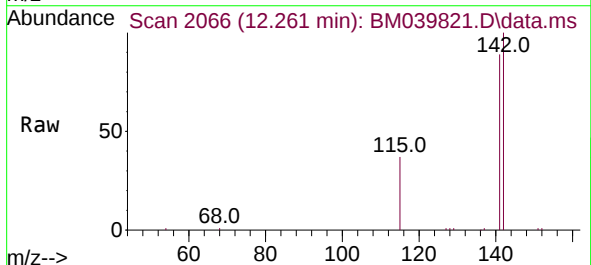
Tgt Ion:128 Resp: 48418
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.1 11.1 16.7

Manual Integrations
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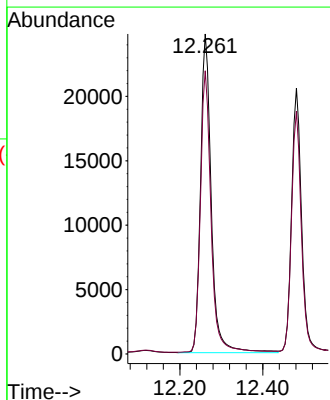
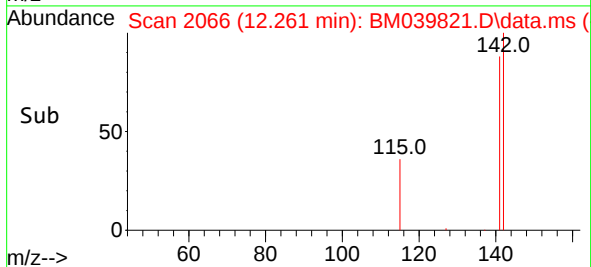
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

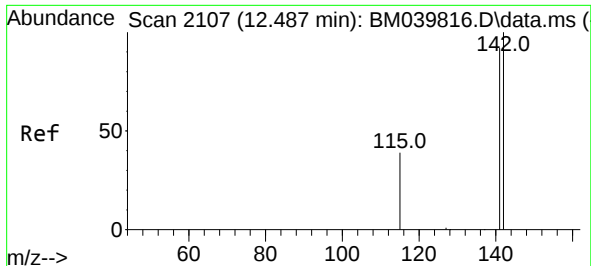


#7
2-Methylnaphthalene
Concen: 2.801 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



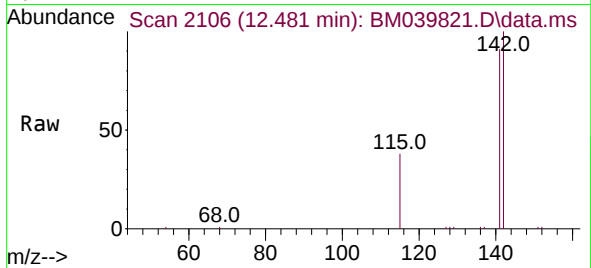
Tgt Ion:142 Resp: 44264
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.979 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

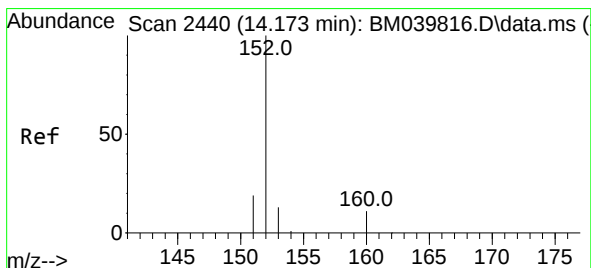
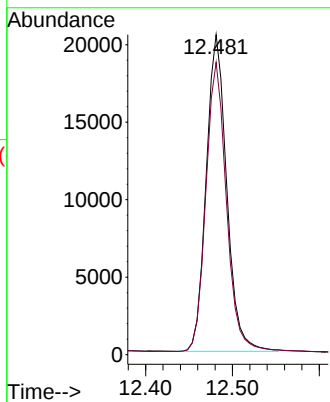
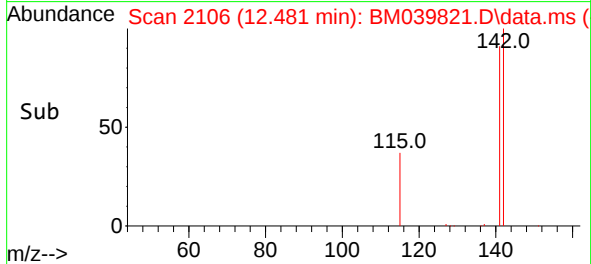
Instrument :
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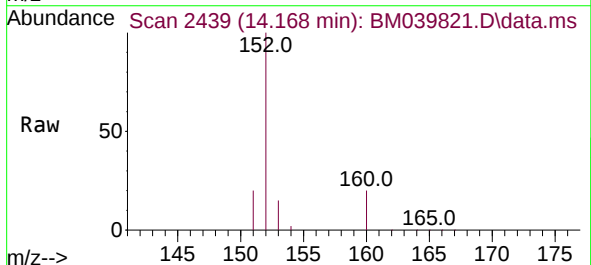
Tgt Ion:142 Resp: 33540
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2

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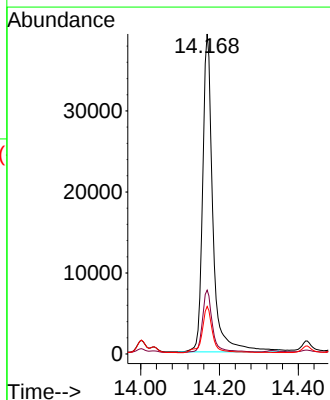
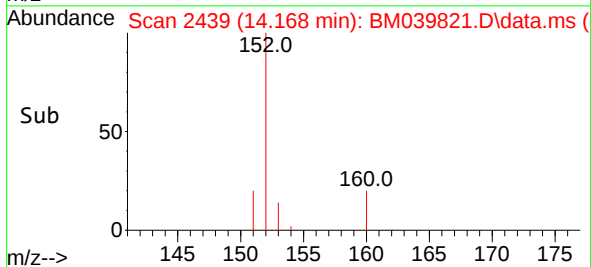
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

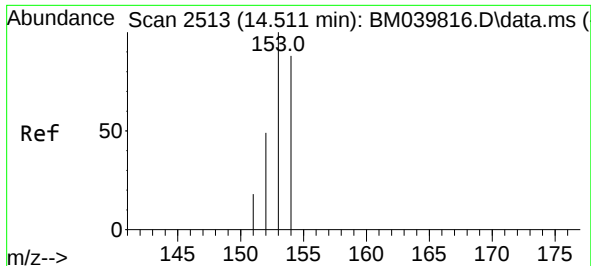


#10
Acenaphthylene
Concen: 3.113 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



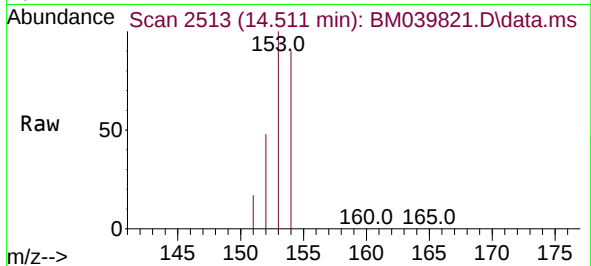
Tgt Ion:152 Resp: 70831
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.9 11.2 16.8





#11
Acenaphthene
Concen: 4.760 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

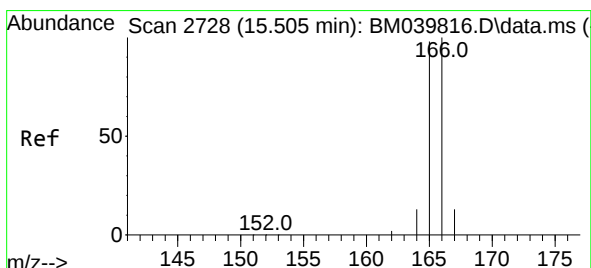
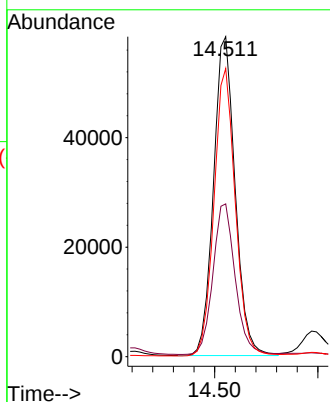
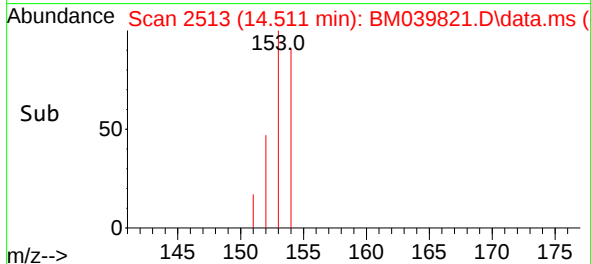
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 85063
Ion Ratio Lower Upper
153 100
152 47.8 40.6 61.0
154 90.1 71.9 107.9

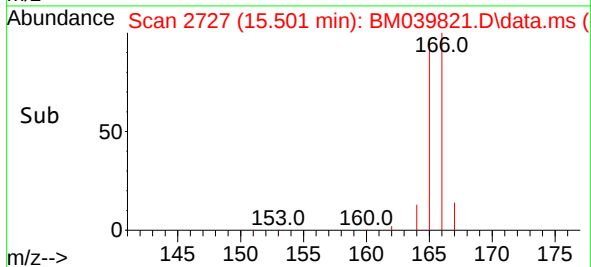
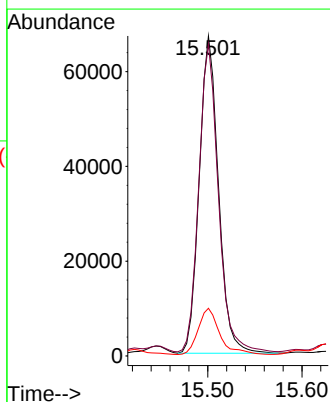
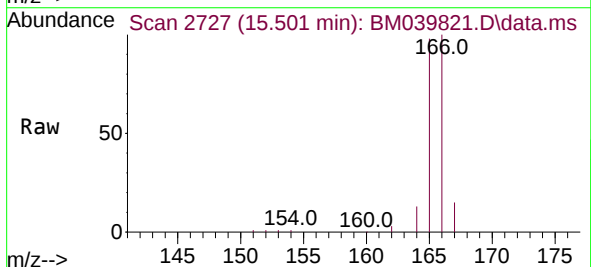
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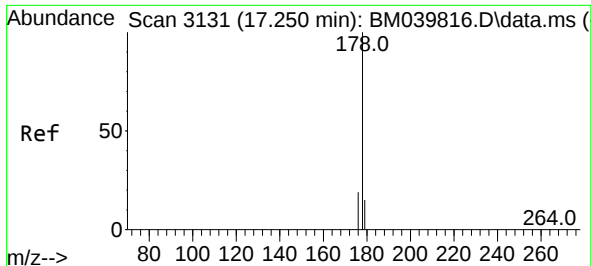
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 4.787 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.005 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

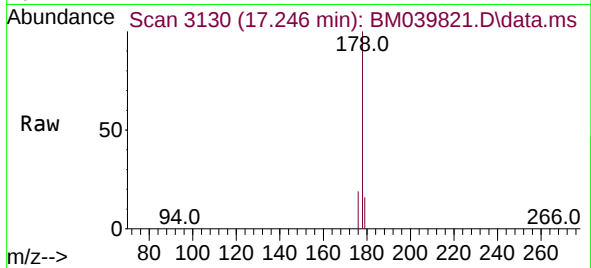
Tgt Ion:166 Resp: 94905
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 14.9 11.8 17.6





#15
Phenanthrene
Concen: 52.629 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

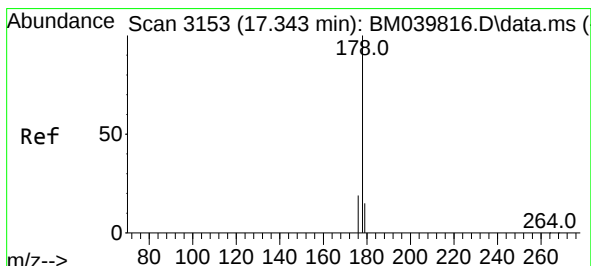
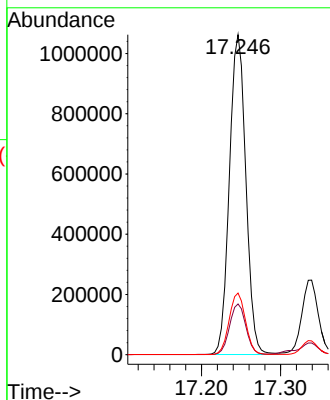
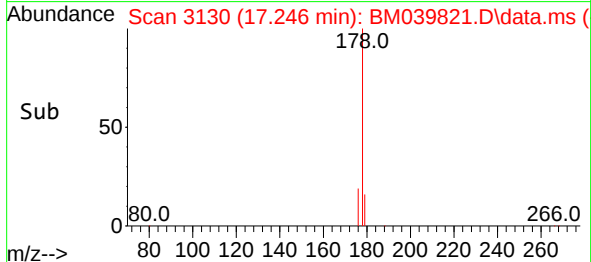
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 152880
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.2 15.8 23.8

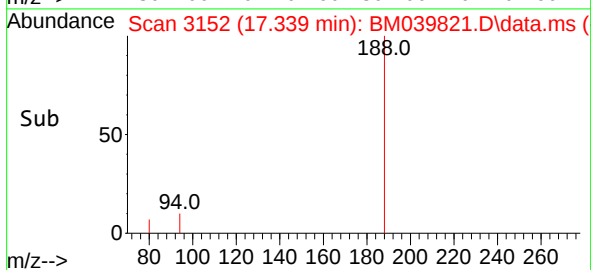
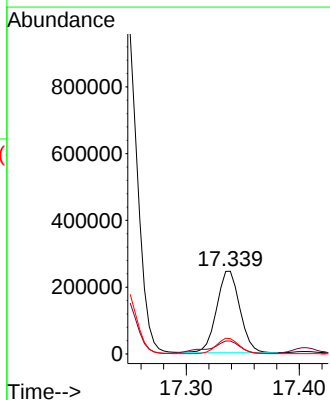
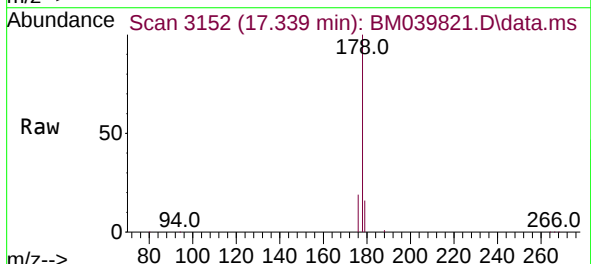
Manual Integrations
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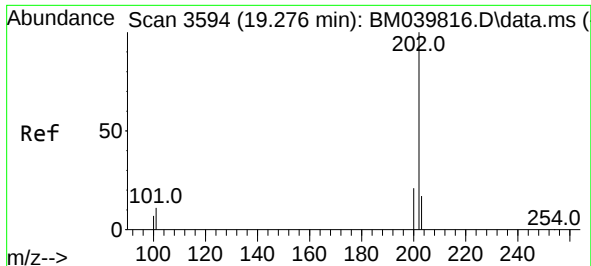
Reviewed By :Christian Giraldo 05/03/2023
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#16
Anthracene
Concen: 14.003 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

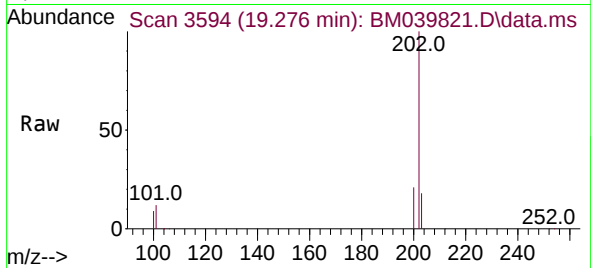
Tgt Ion:178 Resp: 349265
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.6
176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 111.285 ng/u1
RT: 19.276 min Scan# 3594
Delta R.T. 0.005 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

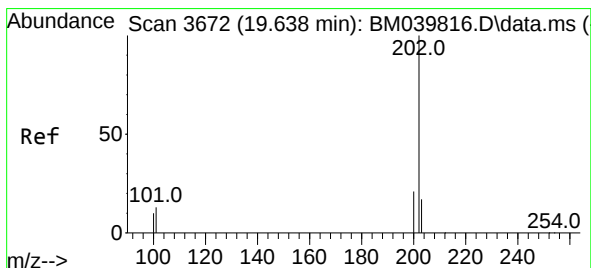
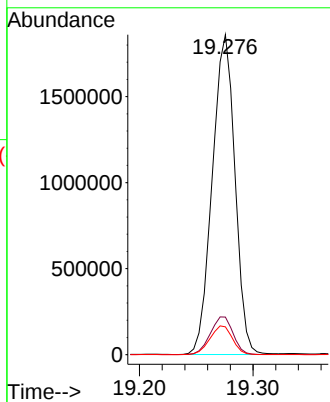
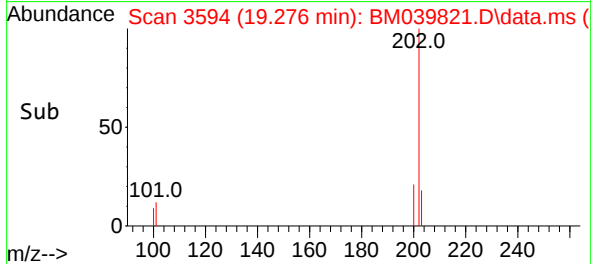
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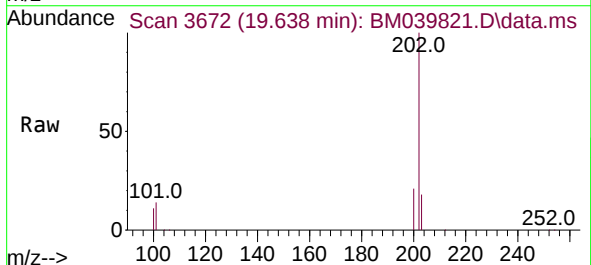
Tgt Ion:202 Resp: 2579440
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.3 10.9

Manual Integrations
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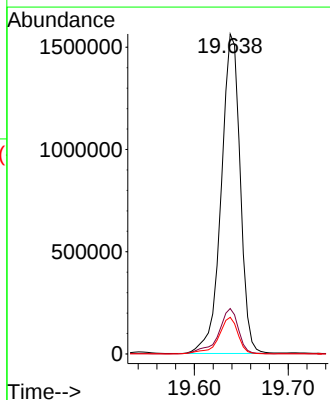
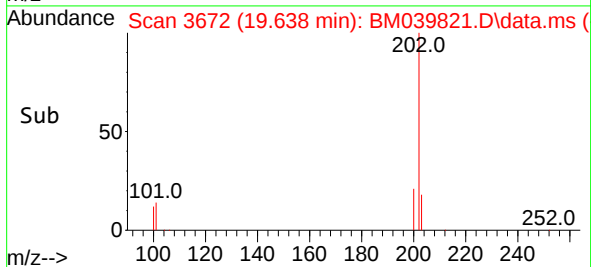
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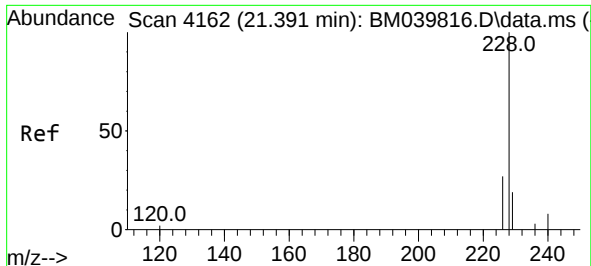


#20
Pyrene
Concen: 87.767 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



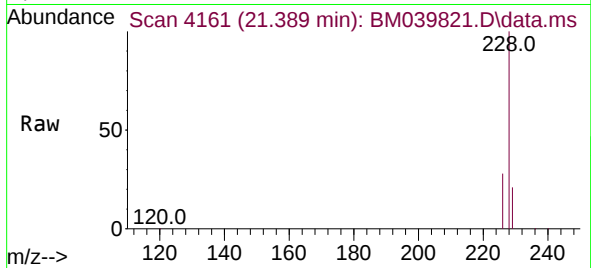
Tgt Ion:202 Resp: 2196855
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 62.331 ng/ul
RT: 21.389 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

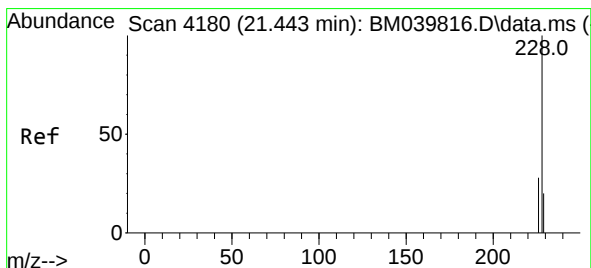
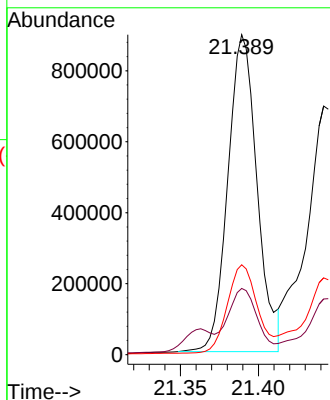
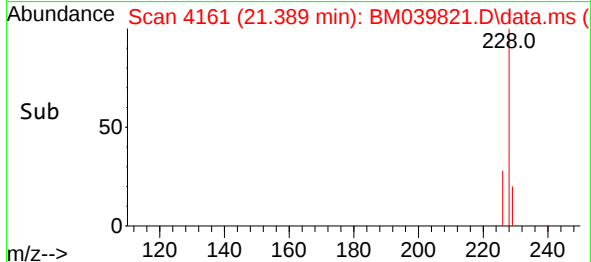
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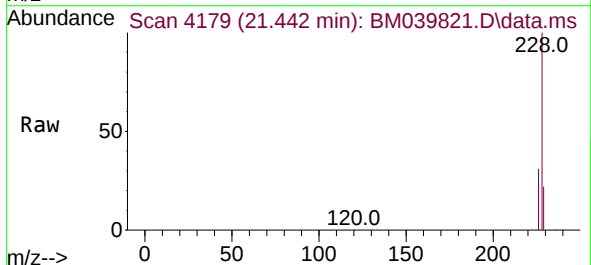
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Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 28.1 21.6 32.4

Manual Integrations
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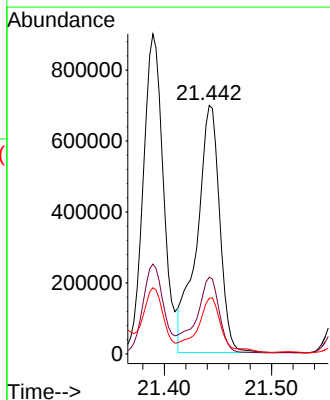
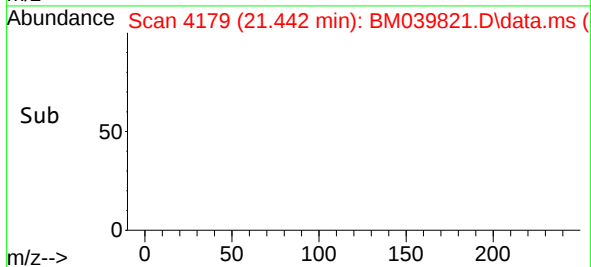
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

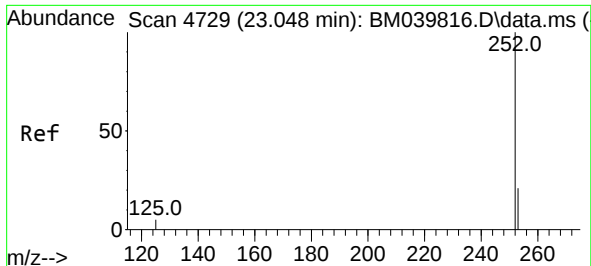


#22
Chrysene
Concen: 48.640 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



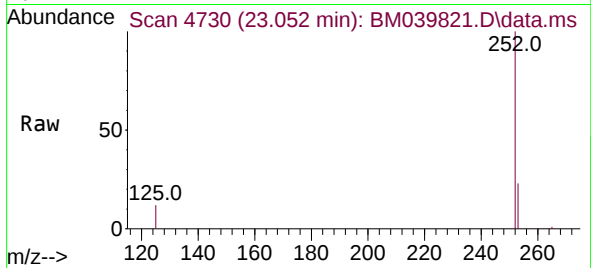
Tgt Ion:228 Resp: 1028238
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 47.042 ng/ul
RT: 23.052 min Scan# 4730
Delta R.T. 0.009 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

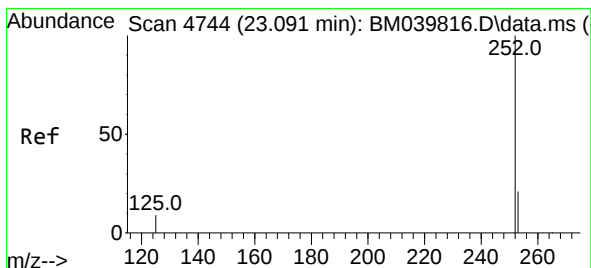
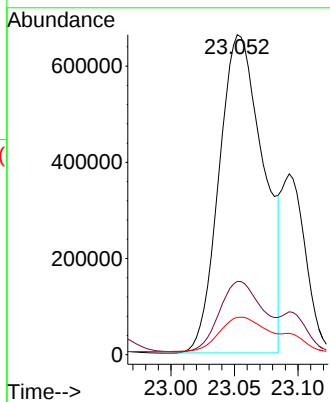
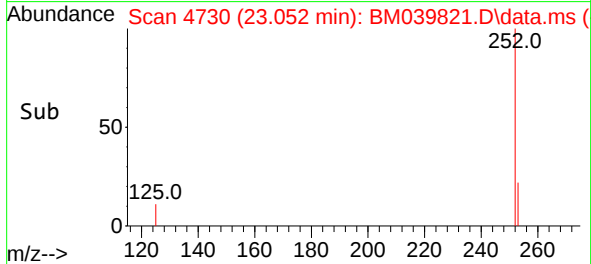
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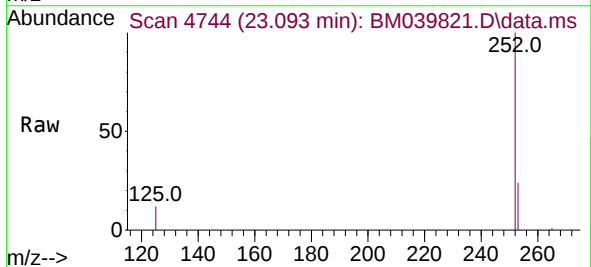
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253 22.9 0.0 52.8
125 11.7 0.0 31.6

Manual Integrations
APPROVED

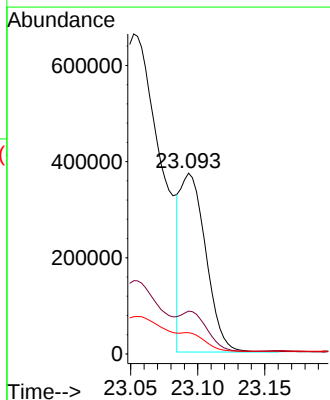
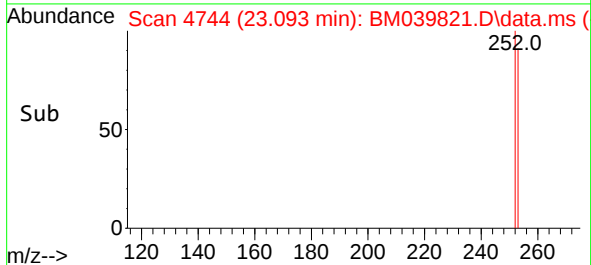
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

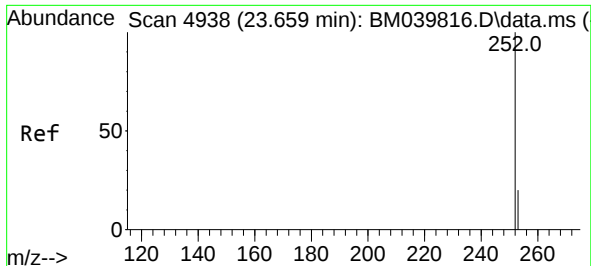


#25
Benzo(k)fluoranthene
Concen: 14.086 ng/ul m
RT: 23.093 min Scan# 4744
Delta R.T. 0.006 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



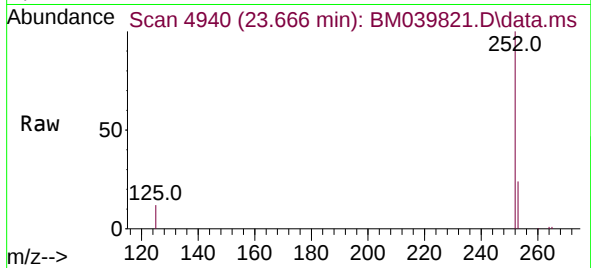
Tgt Ion:252 Resp: 490717
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 11.8 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 36.702 ng/u1
RT: 23.666 min Scan# 4938
Delta R.T. 0.009 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

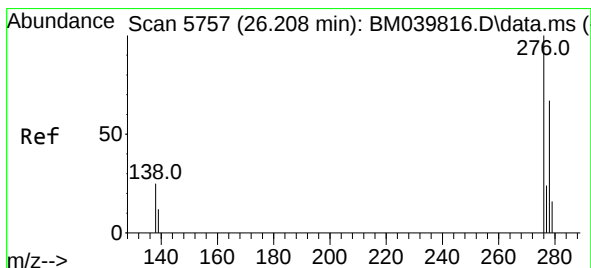
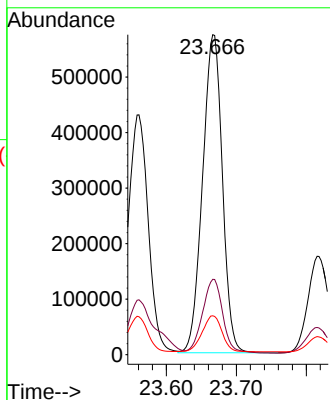
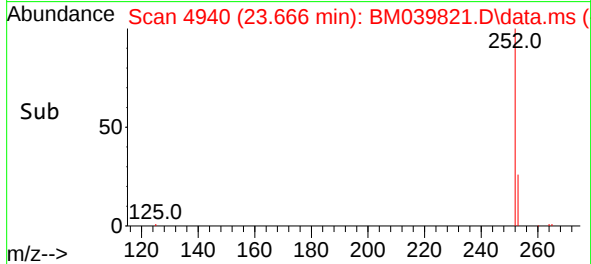
Instrument :
BNA_M
ClientSampleId :
EW919



Tgt Ion:252 Resp: 112739
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1
125 12.2 16.5 24.7

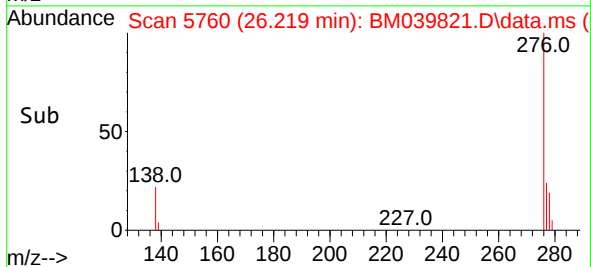
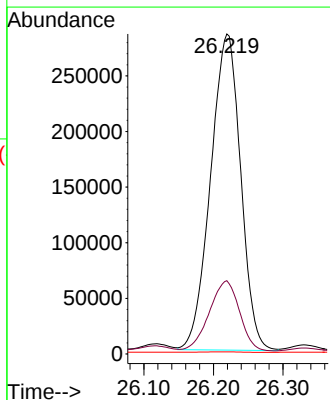
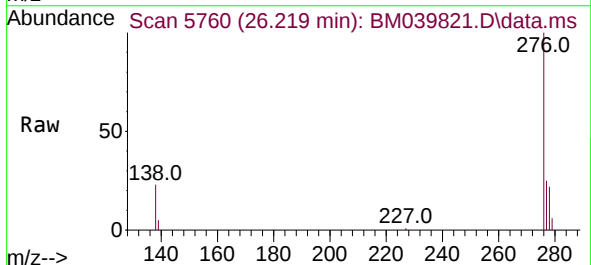
Manual Integrations
APPROVED

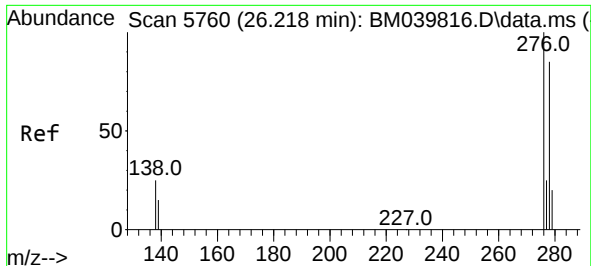
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 22.003 ng/u1
RT: 26.219 min Scan# 5760
Delta R.T. 0.017 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

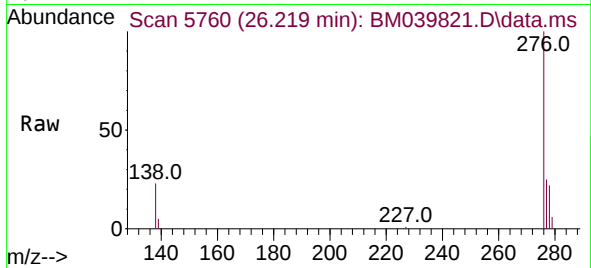
Tgt Ion:276 Resp: 854643
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 7.176 ng/ul
RT: 26.219 min Scan# 5760
Delta R.T. 0.007 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08

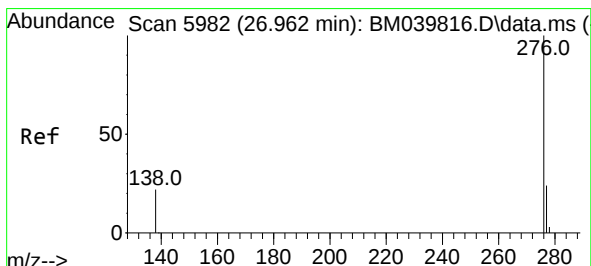
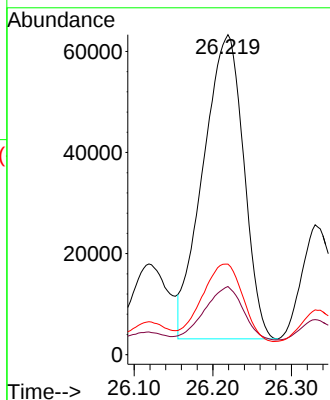
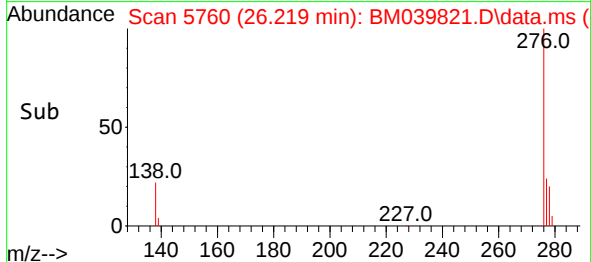
Instrument :
BNA_M
ClientSampleId :
EW919



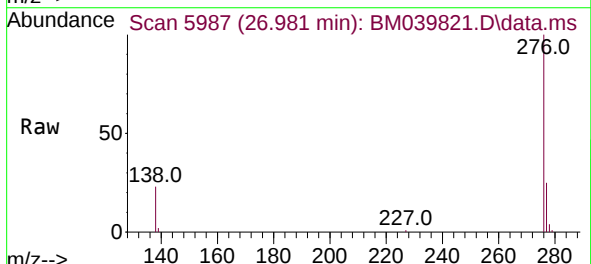
Tgt Ion:278 Resp: 216350
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 28.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 23.855 ng/ul
RT: 26.981 min Scan# 5987
Delta R.T. 0.034 min
Lab File: BM039821.D
Acq: 03 May 2023 03:08



Tgt Ion:276 Resp: 807384
Ion Ratio Lower Upper
276 100
138 22.8 20.1 30.1
277 24.7 20.1 30.1

