

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039822.D
 Acq On : 03 May 2023 03:44
 Operator : CG/JU
 Sample : 02419-24DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 05:24:34 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	7.792	152	3794	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	12467	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	6639	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14419	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.405	240	8485	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	8979	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2071	0.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	584	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	996	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	7573	0.242	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	5604	0.310	ng/ul	87
8) 1-Methylnaphthalene	12.487	142	3496	0.180	ng/ul	100
10) Acenaphthylene	14.168	152	10136	0.394	ng/ul#	88
11) Acenaphthene	14.511	153	3614	0.179	ng/ul	96
12) Fluorene	15.505	166	5387	0.241	ng/ul#	96
15) Phenanthrene	17.246	178	62863	1.655	ng/ul	100
16) Anthracene	17.339	178	15947	0.489	ng/ul	96
19) Fluoranthene	19.271	202	126241	4.170	ng/ul	98
20) Pyrene	19.638	202	114251	3.495	ng/ul	97
21) Benzo(a)anthracene	21.391	228	64921	2.661	ng/ul	93
22) Chrysene	21.443	228	69621	2.522	ng/ul#	93
24) Benzo(b)fluoranthene	23.048	252	118794m	3.767	ng/ul	
25) Benzo(k)fluoranthene	23.092	252	37799m	1.177	ng/ul	
26) Benzo(a)pyrene	23.662	252	106612	3.766	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.207	276	74202	2.073	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.211	278	18158	0.653	ng/ul#	65
29) Benzo(g,h,i)perylene	26.958	276	77386	2.481	ng/ul	97

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

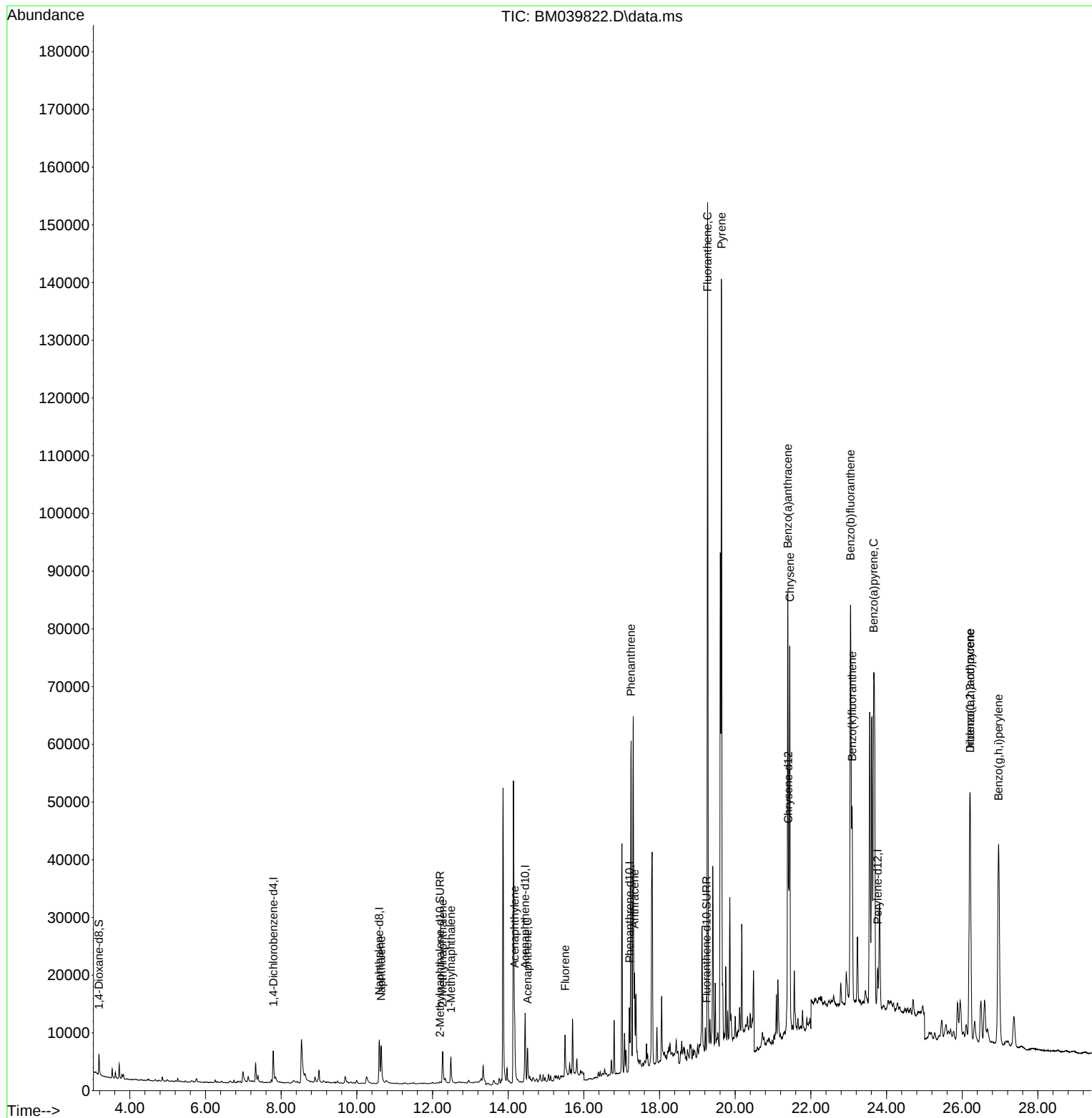
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039822.D
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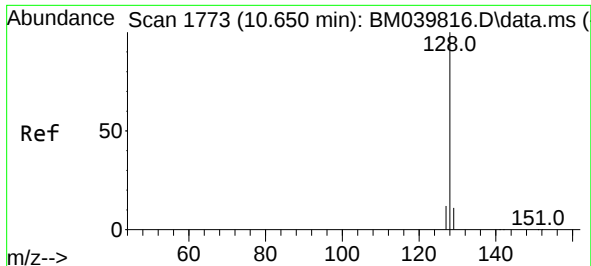
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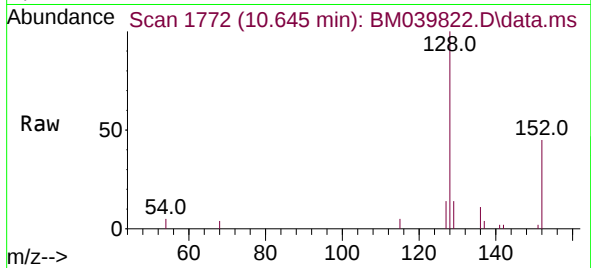
Quant Time: May 03 05:24:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.242 ng/ul
RT: 10.645 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

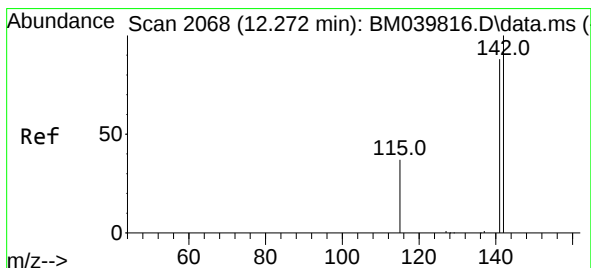
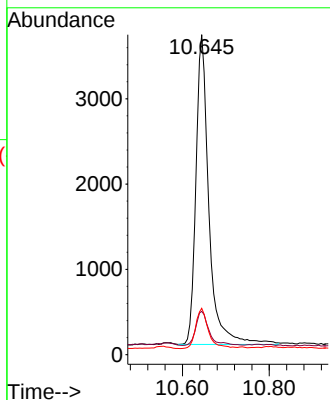
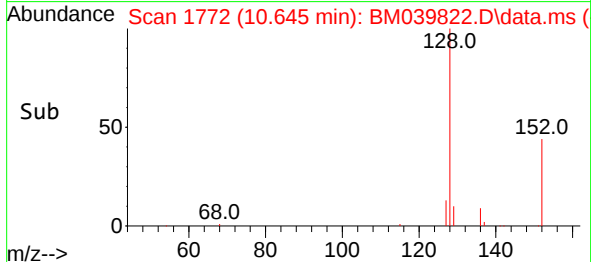
Instrument :
BNA_M
ClientSampleId :
EW921DL



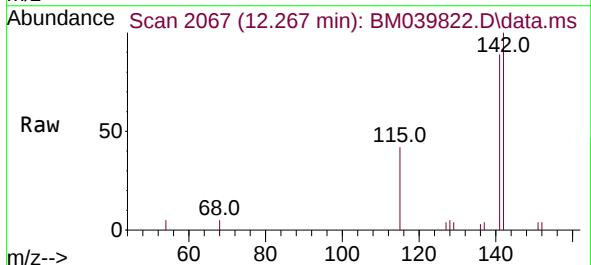
Tgt Ion:128 Resp: 7573
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.6
127 14.5 11.1 16.7

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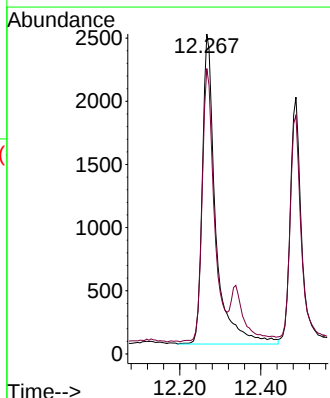
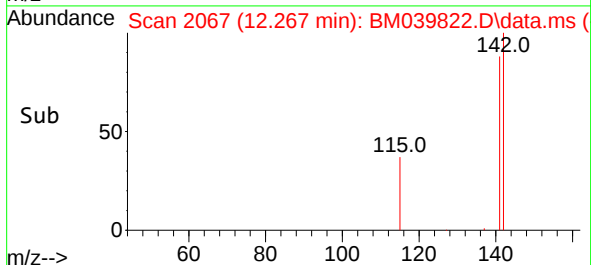
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

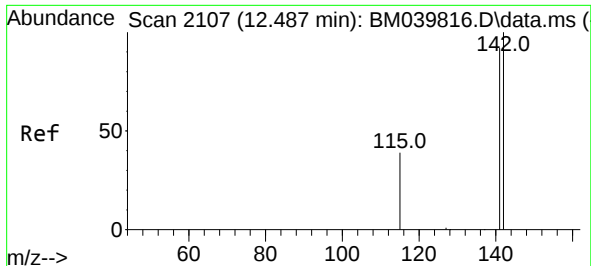


#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44



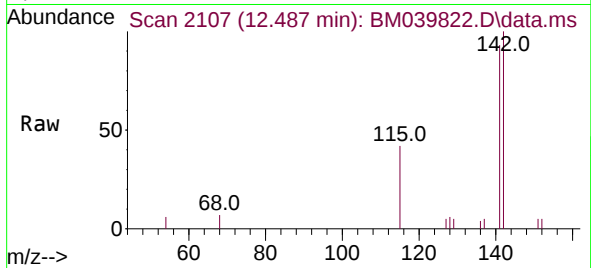
Tgt Ion:142 Resp: 5604
Ion Ratio Lower Upper
142 100
141 79.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

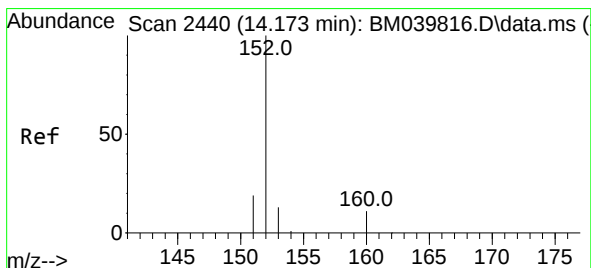
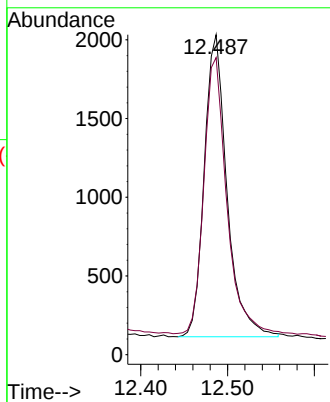
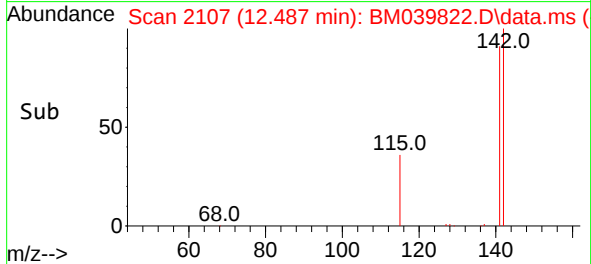
Instrument :
BNA_M
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EW921DL



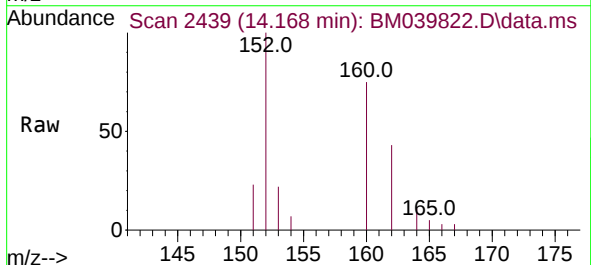
Tgt Ion:142 Resp: 3490
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2

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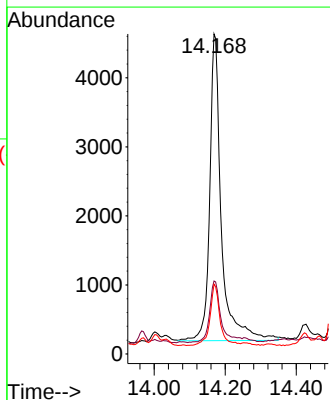
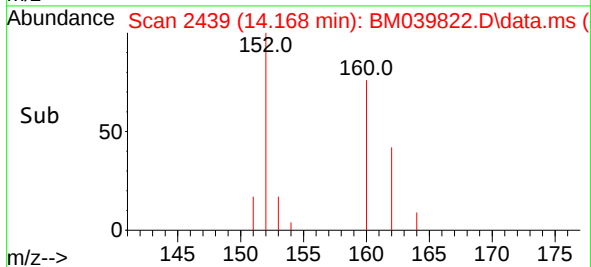
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

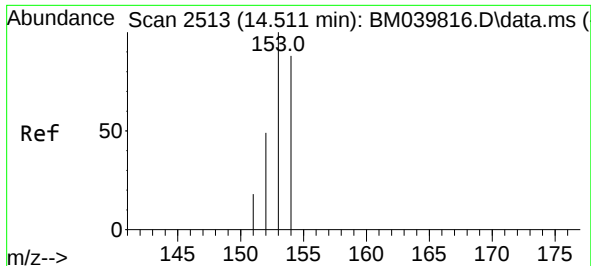


#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44



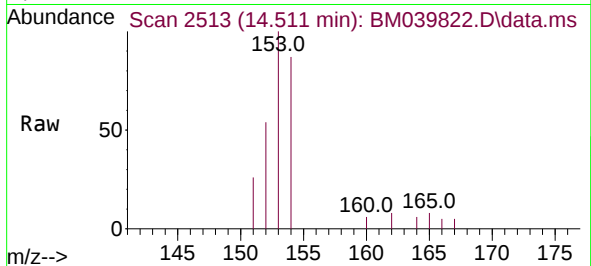
Tgt Ion:152 Resp: 10136
Ion Ratio Lower Upper
152 100
151 22.8 16.0 24.0
153 21.8 11.2 16.8#





#11
Acenaphthene
Concen: 0.179 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

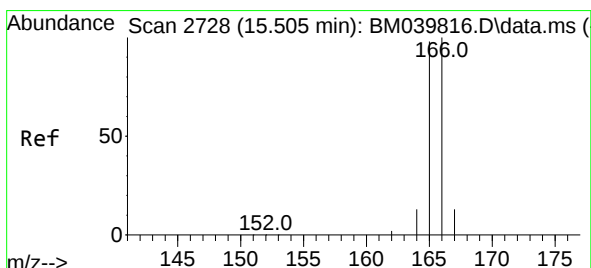
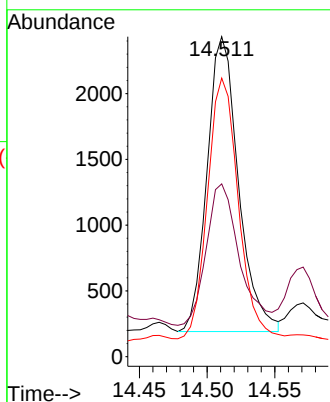
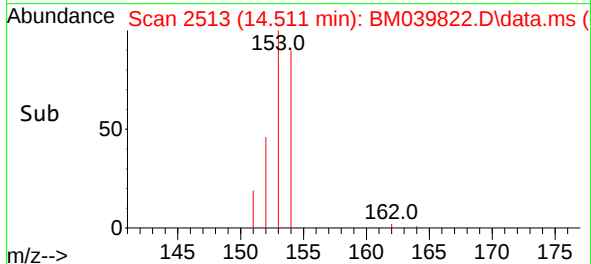
Instrument :
BNA_M
ClientSampleId :
EW921DL



Tgt Ion:153 Resp: 3614
Ion Ratio Lower Upper
153 100
152 54.0 40.6 61.0
154 87.1 71.9 107.9

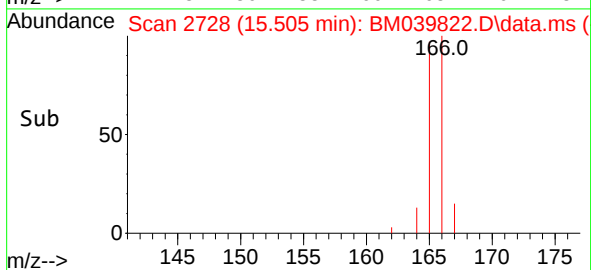
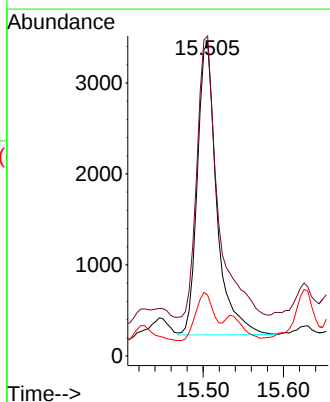
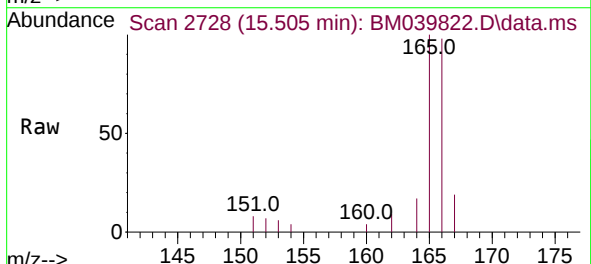
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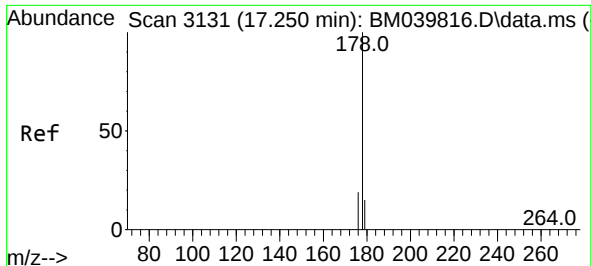
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

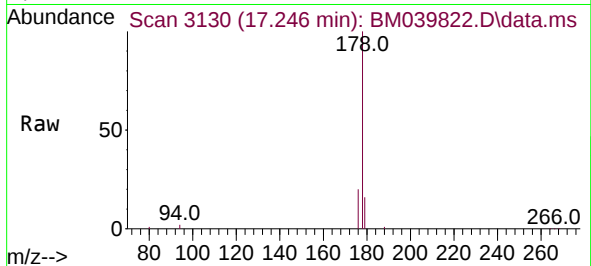
Tgt Ion:166 Resp: 5387
Ion Ratio Lower Upper
166 100
165 102.1 79.0 118.6
167 19.4 11.8 17.6#





#15
Phenanthrene
Concen: 1.655 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

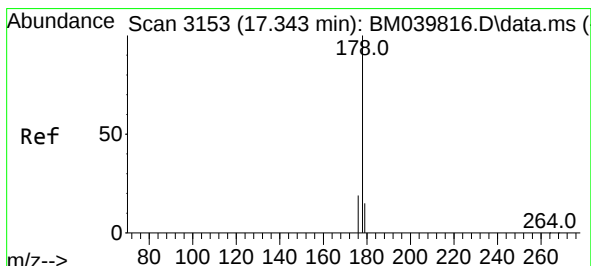
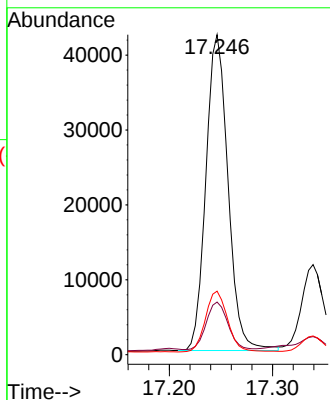
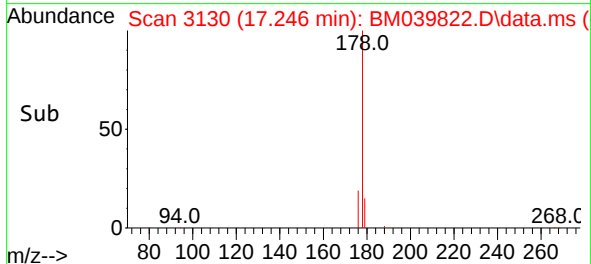
Instrument :
BNA_M
ClientSampleId :
EW921DL



Tgt Ion:178 Resp: 6286
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.9 15.8 23.8

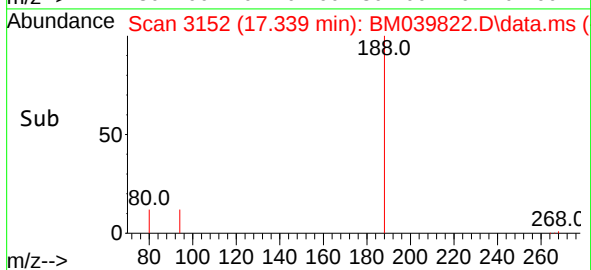
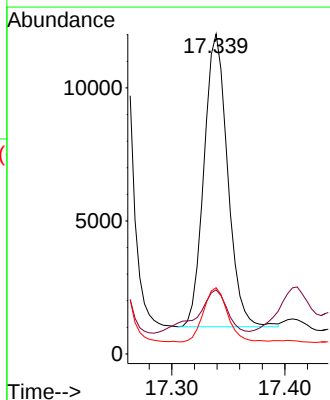
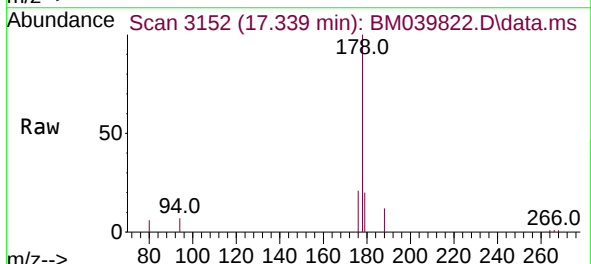
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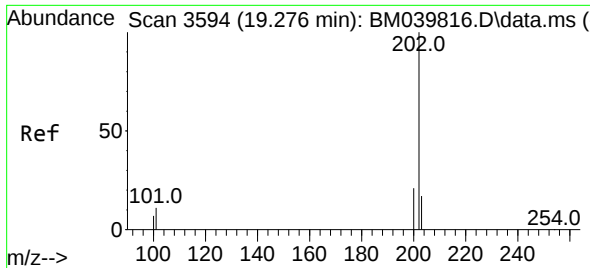
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 0.489 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

Tgt Ion:178 Resp: 15947
Ion Ratio Lower Upper
178 100
179 20.0 13.8 20.6
176 20.7 15.8 23.8





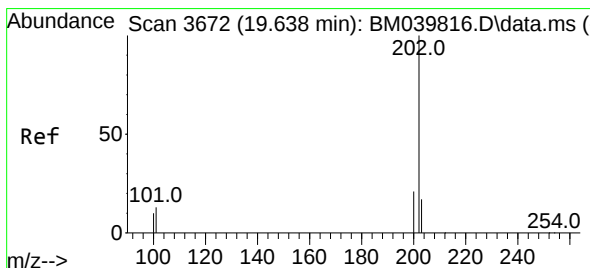
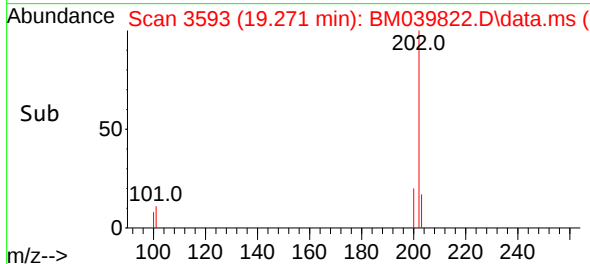
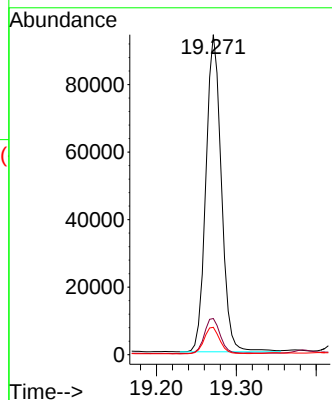
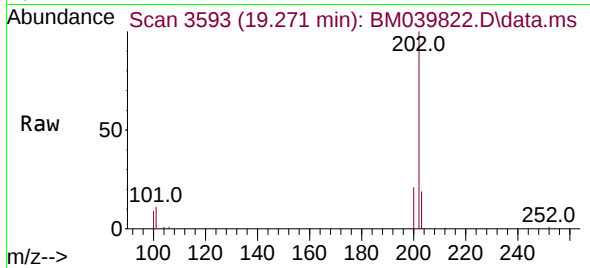
#19
Fluoranthene
Concen: 4.170 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 12624
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.3 10.9

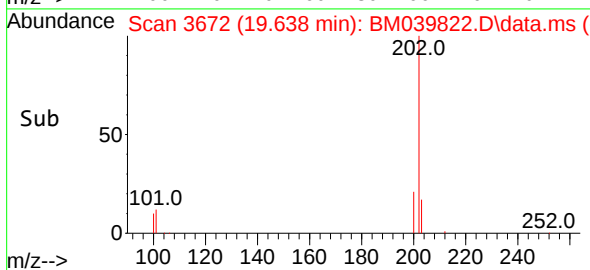
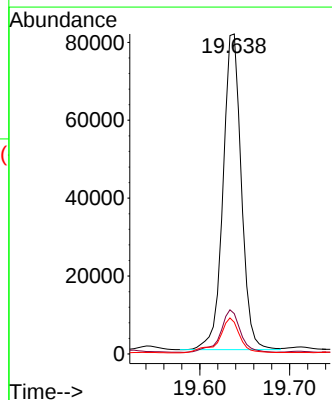
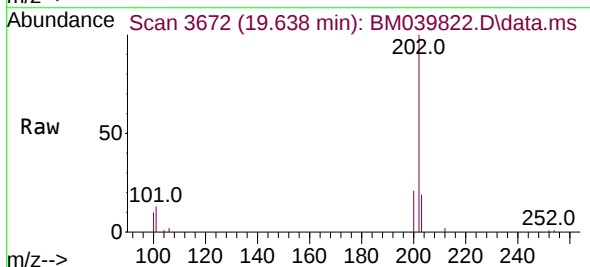
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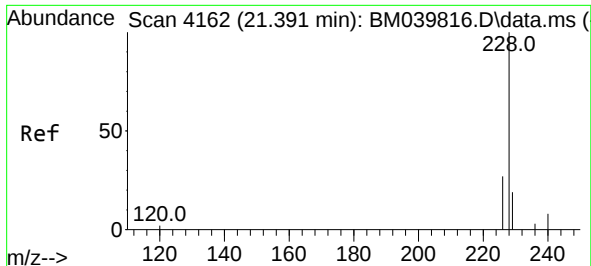
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 3.495 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

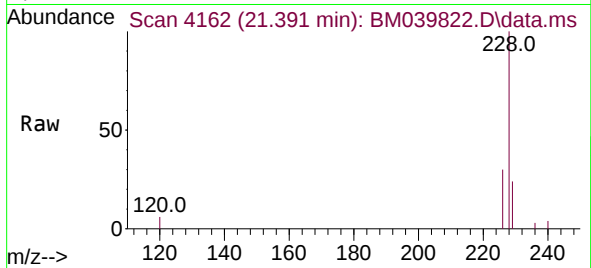
Tgt Ion:202 Resp: 114251
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 9.9 8.9 13.3





#21
Benzo(a)anthracene
Concen: 2.661 ng/u1
RT: 21.391 min Scan# 4162
Delta R.T. 0.001 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

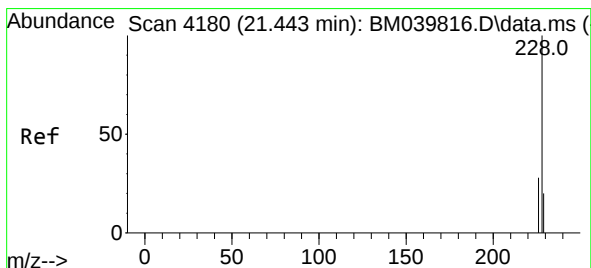
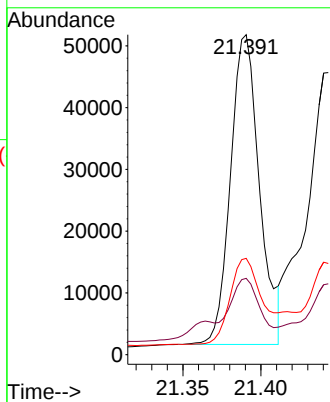
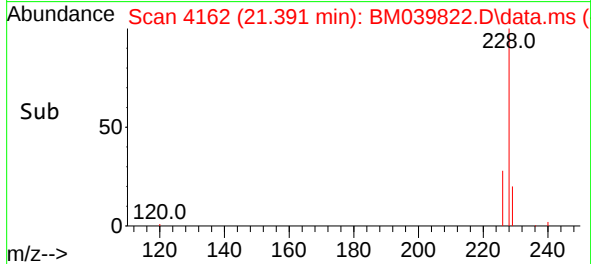
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Tgt Ion:228 Resp: 64921
Ion Ratio Lower Upper
228 100
229 23.9 16.2 24.2
226 30.1 21.6 32.4

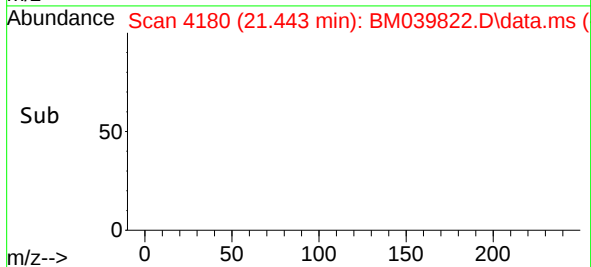
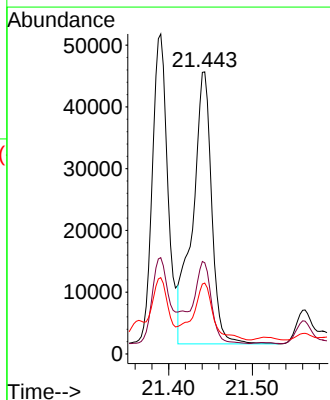
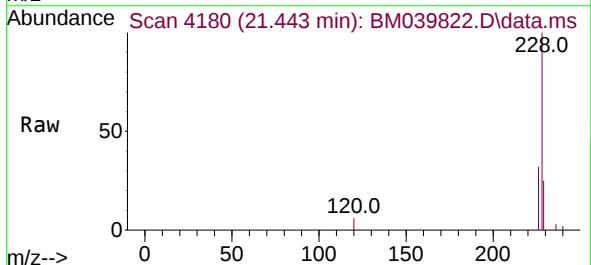
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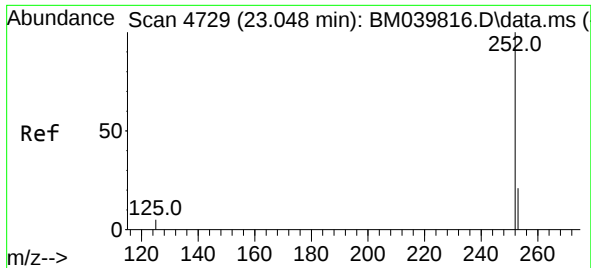
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 2.522 ng/u1
RT: 21.443 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

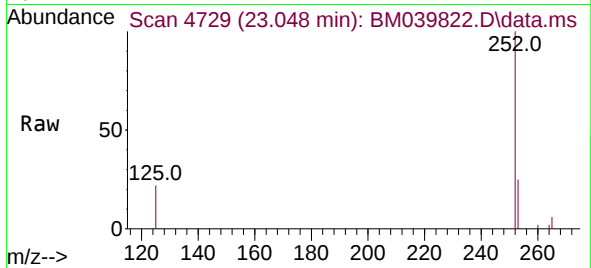
Tgt Ion:228 Resp: 69621
Ion Ratio Lower Upper
228 100
226 32.4 24.3 36.5
229 25.1 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 3.767 ng/ul m
RT: 23.048 min Scan# 4729
Delta R.T. 0.004 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

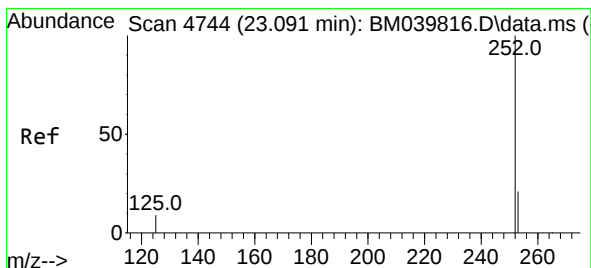
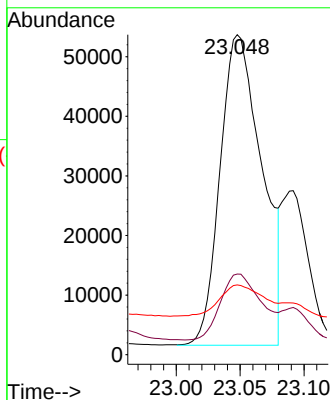
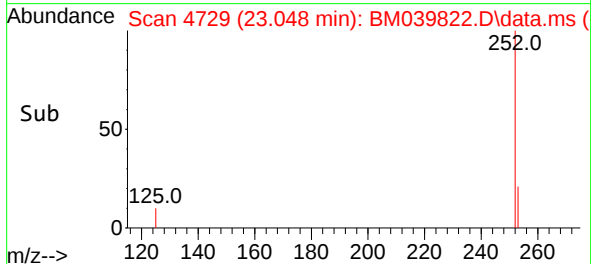
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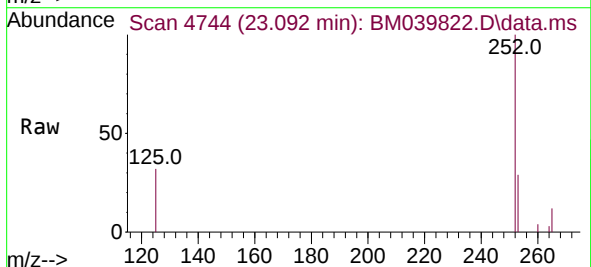
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Ion Ratio Lower Upper
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253 25.2 0.0 52.8
125 21.8 0.0 31.6

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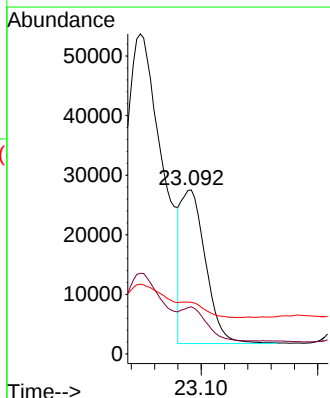
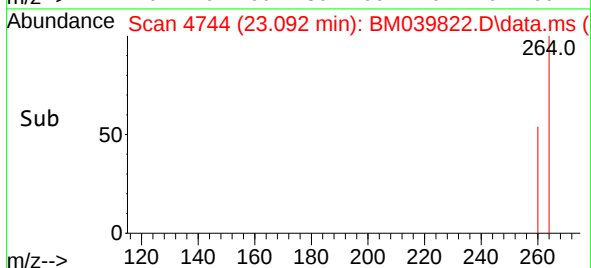
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

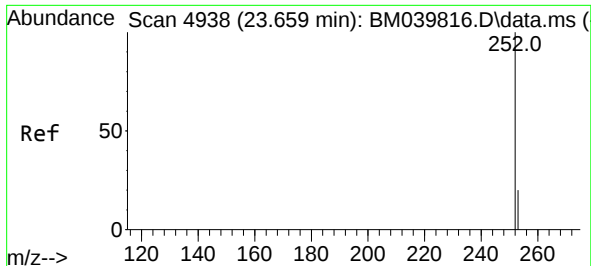


#25
Benzo(k)fluoranthene
Concen: 1.177 ng/ul m
RT: 23.092 min Scan# 4744
Delta R.T. 0.004 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44



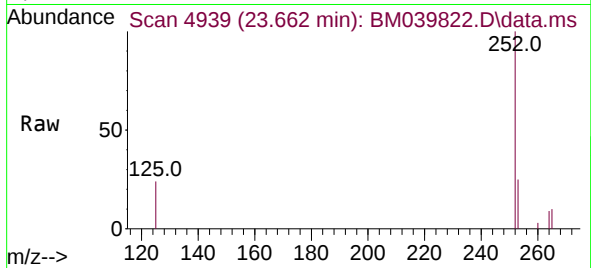
Tgt Ion:252 Resp: 37799
Ion Ratio Lower Upper
252 100
253 28.8 21.3 31.9
125 31.5 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 3.766 ng/ul
RT: 23.662 min Scan# 4939
Delta R.T. 0.004 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

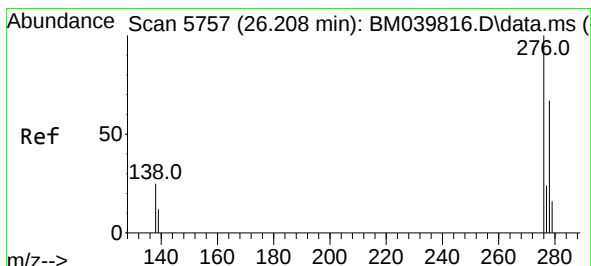
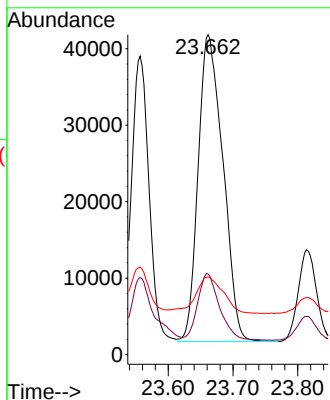
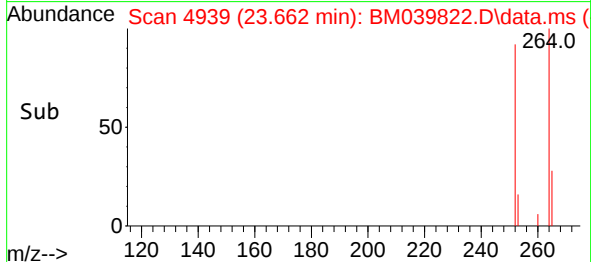
Instrument :
BNA_M
ClientSampleId :
EW921DL



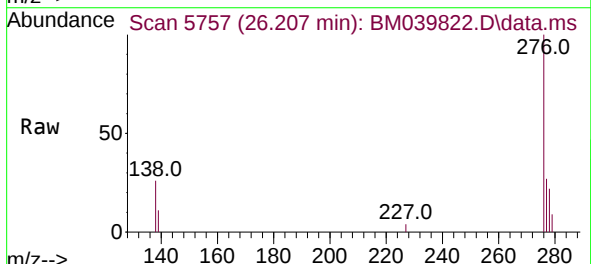
Tgt Ion:252 Resp: 106612
Ion Ratio Lower Upper
252 100
253 25.3 24.7 37.1
125 24.3 16.5 24.7

Manual Integrations
APPROVED

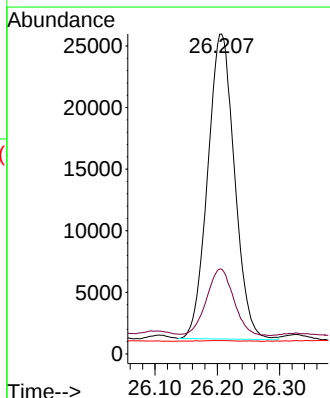
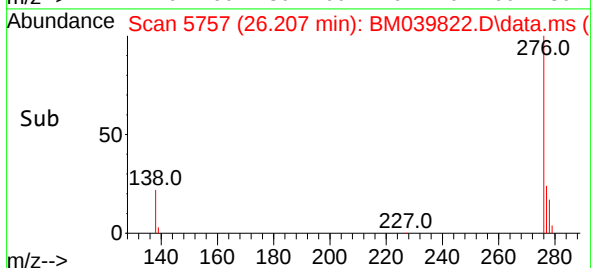
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

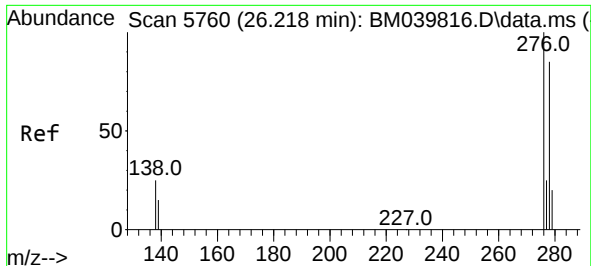


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul
RT: 26.207 min Scan# 5757
Delta R.T. 0.005 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44



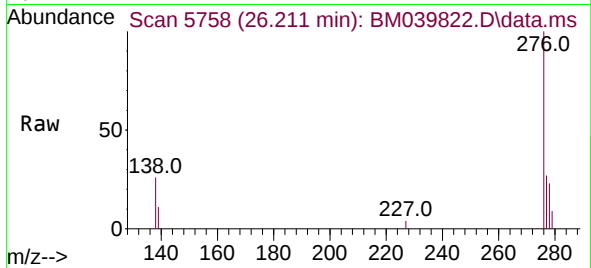
Tgt Ion:276 Resp: 74202
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.653 ng/ul
RT: 26.211 min Scan# 51
Delta R.T. -0.002 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

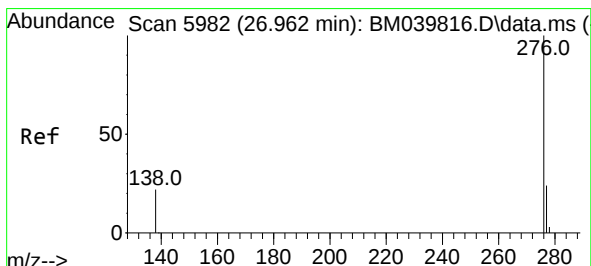
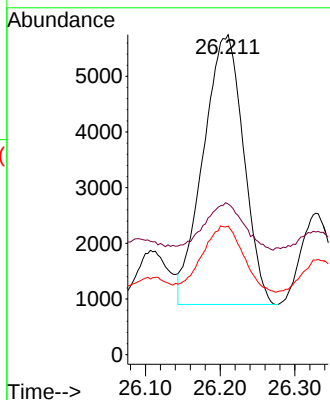
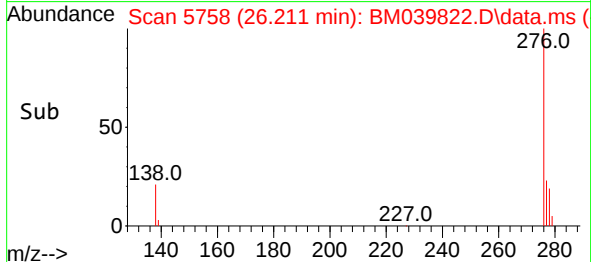
Instrument :
BNA_M
ClientSampleId :
EW921DL



Tgt Ion:278 Resp: 18158
Ion Ratio Lower Upper
278 100
139 47.1 17.0 25.6
279 40.2 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: 2.481 ng/ul
RT: 26.958 min Scan# 5981
Delta R.T. 0.011 min
Lab File: BM039822.D
Acq: 03 May 2023 03:44

Tgt Ion:276 Resp: 77386
Ion Ratio Lower Upper
276 100
138 27.2 20.1 30.1
277 26.4 20.1 30.1

