

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039870.D
 Acq On : 08 May 2023 15:15
 Operator : CG/JU
 Sample : 02479-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW943DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 01:52:01 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 : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3812	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.584	136	13606	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.432	164	8005	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	16225	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.389	240	6536	0.400	ng/ul	# 0.00
23) Perylene-d12	23.733	264	8087	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	2309	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	719	0.041	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	1191	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	22271	0.652	ng/ul	99
7) 2-Methylnaphthalene	12.256	142	19029	0.965	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	11781	0.557	ng/ul	100
10) Acenaphthylene	14.155	152	16016	0.517	ng/ul	96
11) Acenaphthene	14.497	153	46579	1.914	ng/ul	98
12) Fluorene	15.487	166	88118	3.263	ng/ul	99
15) Phenanthrene	17.229	178	746779	17.470	ng/ul	98
16) Anthracene	17.322	178	183120	4.989	ng/ul	97
19) Fluoranthene	19.252	202	862295	36.980	ng/ul	99
20) Pyrene	19.620	202	610906	24.261	ng/ul	98
21) Benzo(a)anthracene	21.372	228	294889	15.692	ng/ul	99
22) Chrysene	21.424	228	286786	13.485	ng/ul	98
24) Benzo(b)fluoranthene	23.023	252	309887	10.911	ng/ul	93
25) Benzo(k)fluoranthene	23.064	252	114804m	3.970	ng/ul	
26) Benzo(a)pyrene	23.631	252	202054	7.924	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.162	276	136281	4.227	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.166	278	42580	1.701	ng/ul	96
29) Benzo(g,h,i)perylene	26.913	276	117943	4.198	ng/ul	98

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

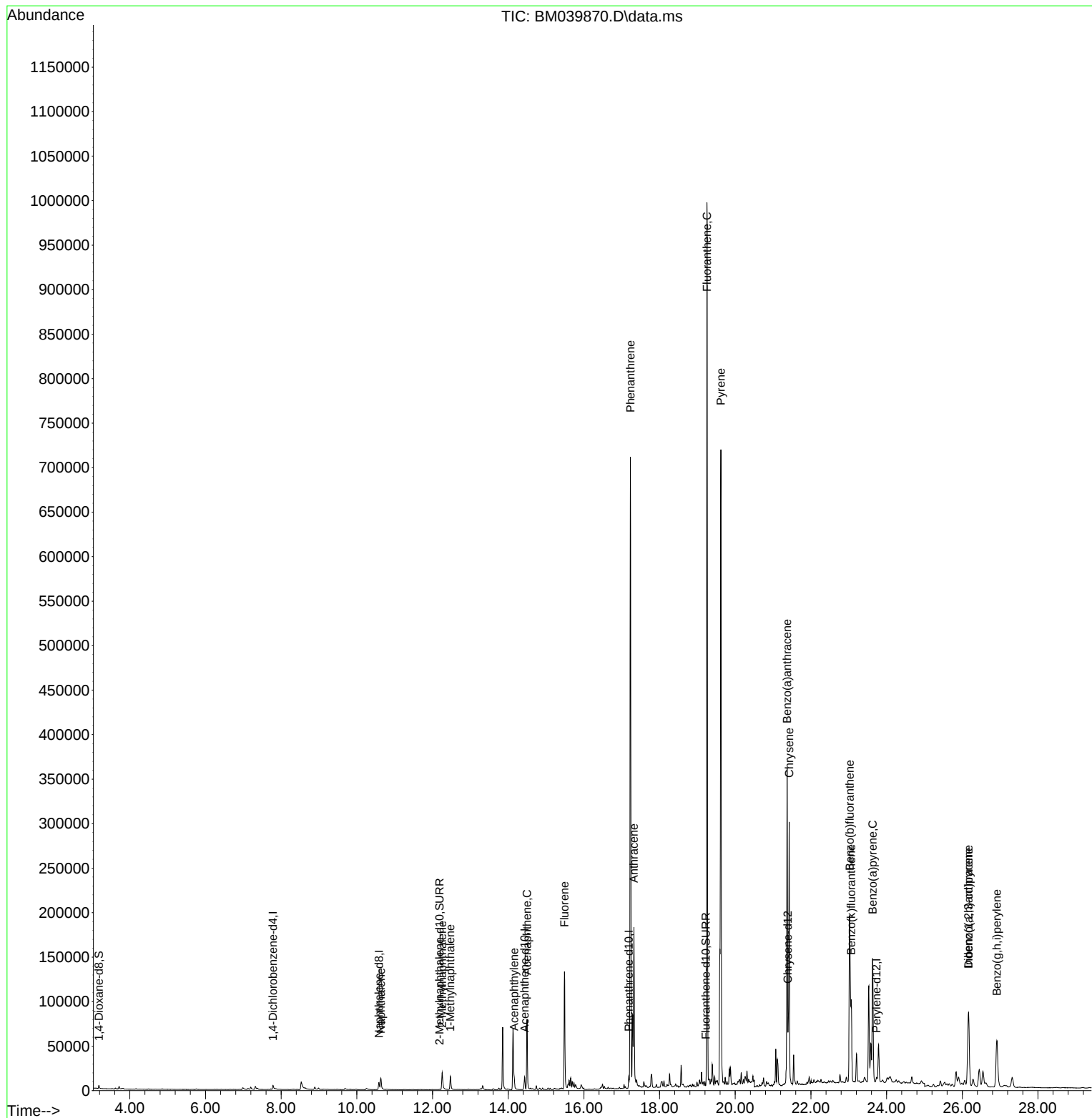
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039870.D
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ALS Vial : 11 Sample Multiplier: 1

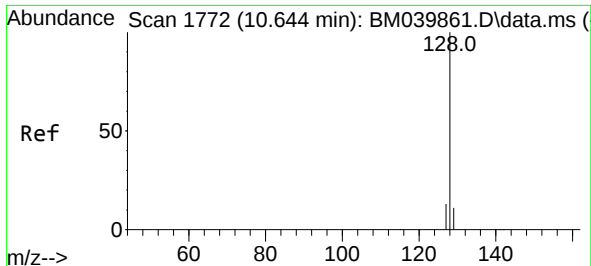
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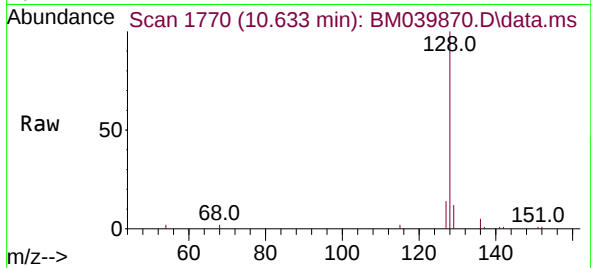
Quant Time: May 09 01:52:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.652 ng/ul
RT: 10.633 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

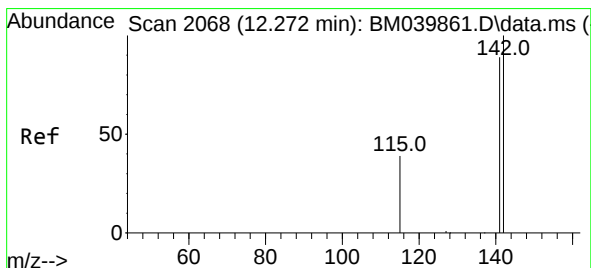
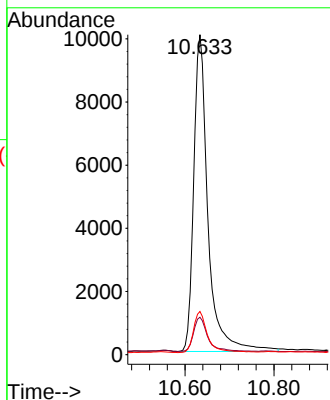
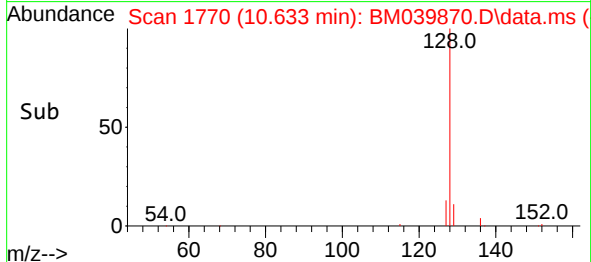
Instrument :
BNA_M
ClientSampleId :
EW943DL



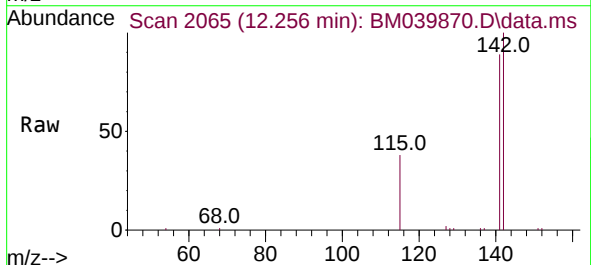
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Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.5 11.1 16.7

Manual Integrations
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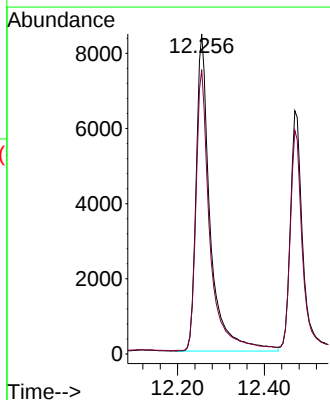
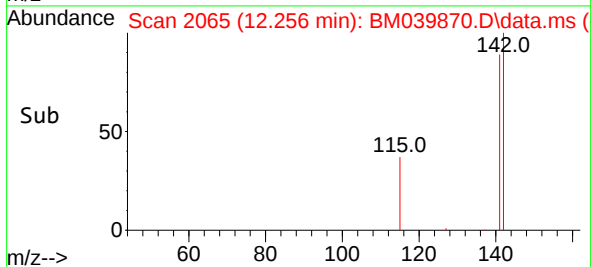
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

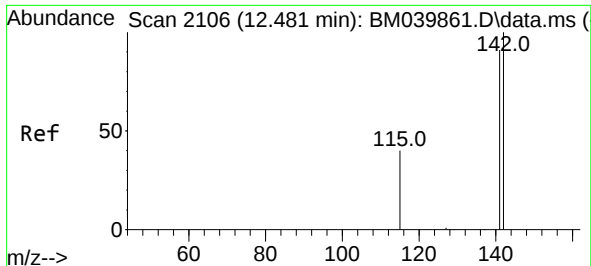


#7
2-Methylnaphthalene
Concen: 0.965 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.016 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15



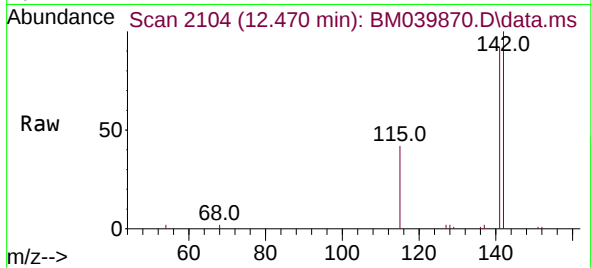
Tgt Ion:142 Resp: 19029
Ion Ratio Lower Upper
142 100
141 88.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.557 ng/ul
RT: 12.470 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

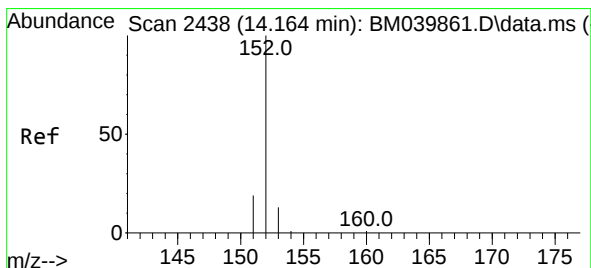
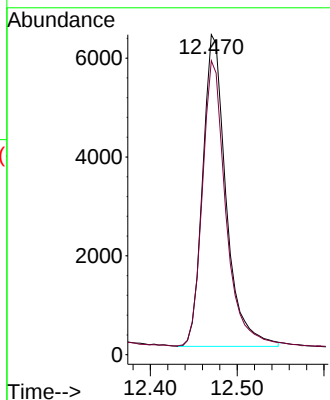
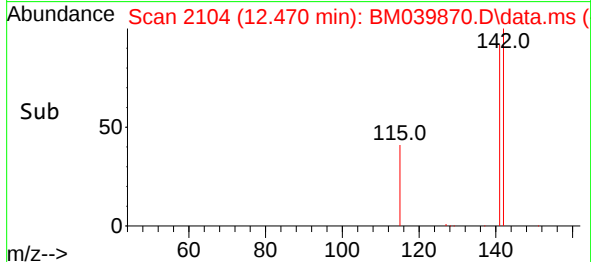
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1178
Ion Ratio Lower Upper
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141 91.6 73.4 110.2

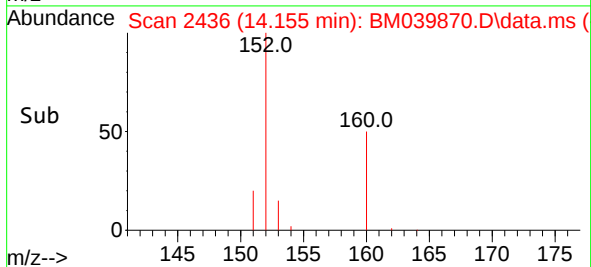
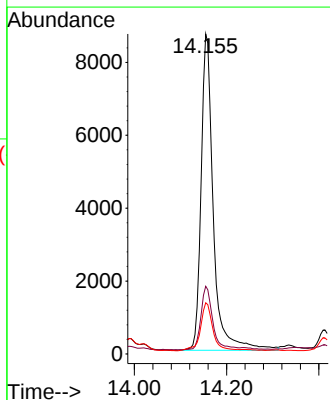
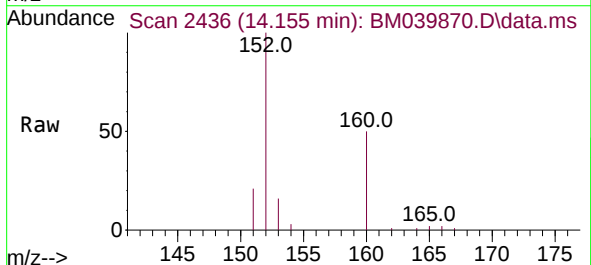
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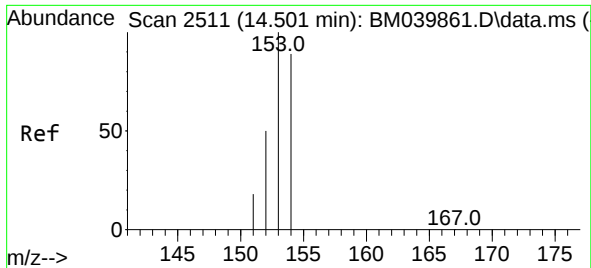
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.517 ng/ul
RT: 14.155 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

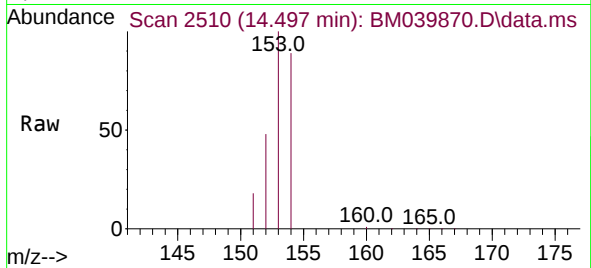
Tgt Ion:152 Resp: 16016
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 16.0 11.2 16.8





#11
Acenaphthene
Concen: 1.914 ng/ul
RT: 14.497 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

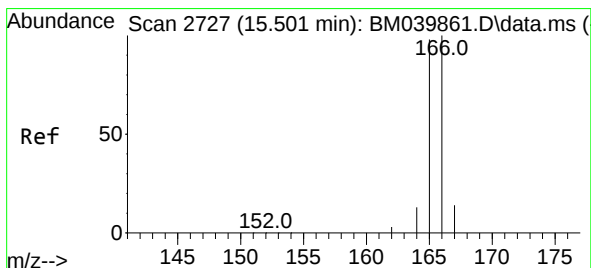
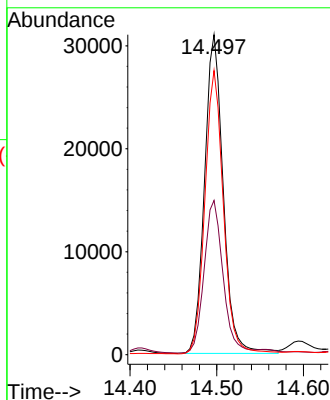
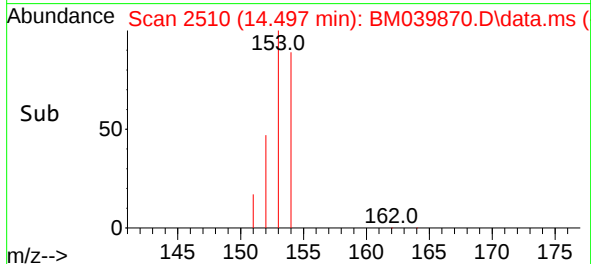
Instrument :
BNA_M
ClientSampleId :
EW943DL



Tgt Ion:153 Resp: 46579
Ion Ratio Lower Upper
153 100
152 48.2 40.6 61.0
154 88.8 71.9 107.9

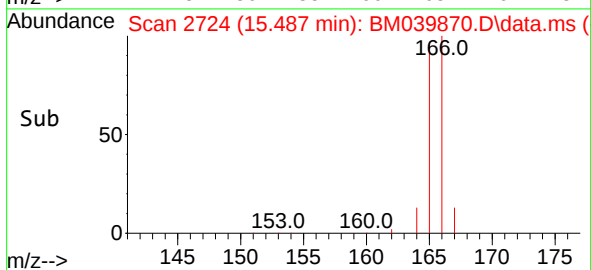
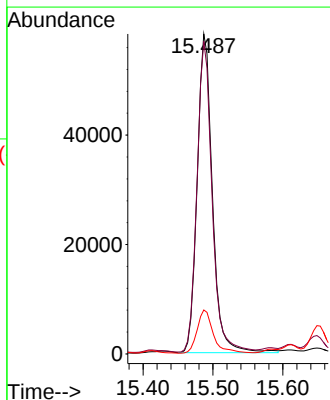
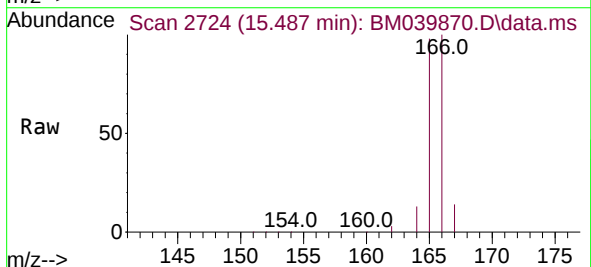
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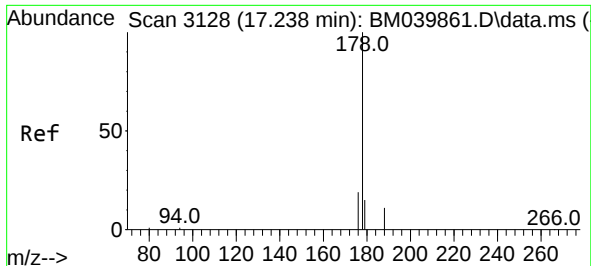
Reviewed By :Christian Giraldo 05/09/2023
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#12
Fluorene
Concen: 3.263 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.014 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

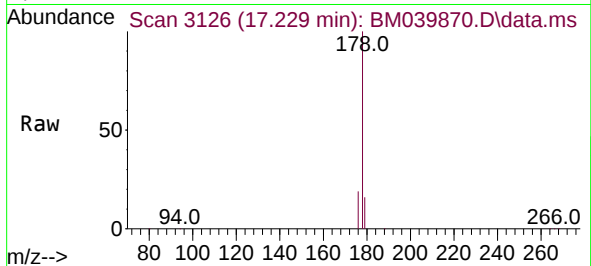
Tgt Ion:166 Resp: 88118
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.7 11.8 17.6





#15
Phenanthrene
Concen: 17.470 ng/ul
RT: 17.229 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

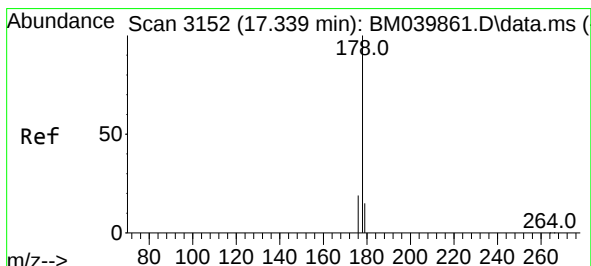
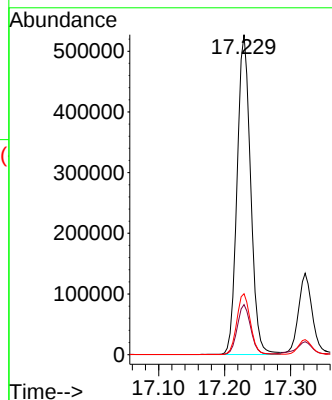
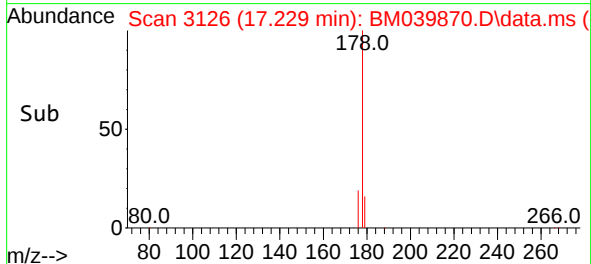
Instrument :
BNA_M
ClientSampleId :
EW943DL



Tgt Ion:178 Resp: 746779
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.0 15.8 23.8

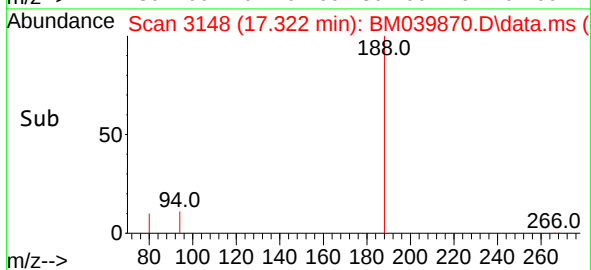
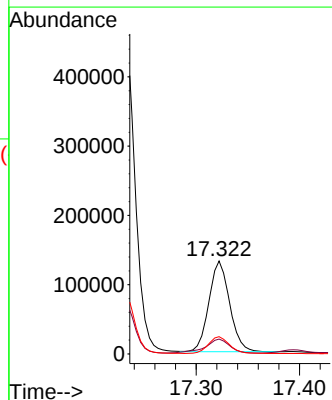
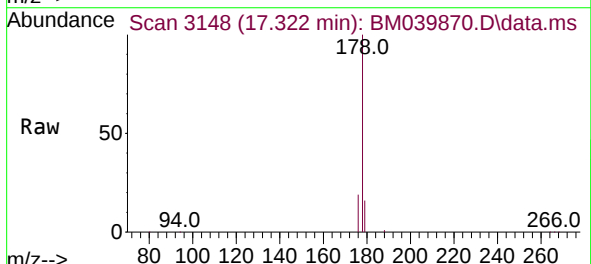
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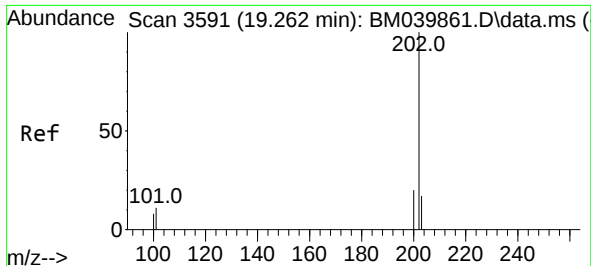
Reviewed By :Christian Giraldo 05/09/2023
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#16
Anthracene
Concen: 4.989 ng/ul
RT: 17.322 min Scan# 3148
Delta R.T. -0.017 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

Tgt Ion:178 Resp: 183120
Ion Ratio Lower Upper
178 100
179 16.0 13.8 20.6
176 18.6 15.8 23.8





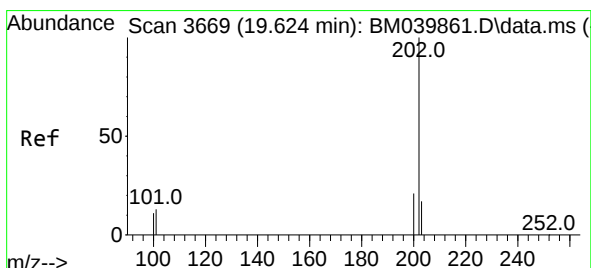
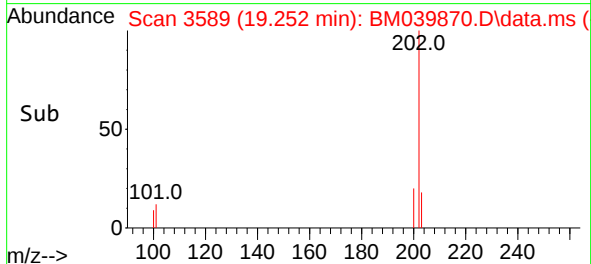
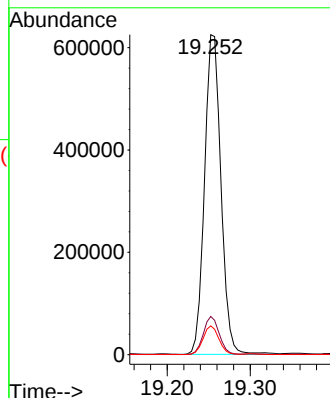
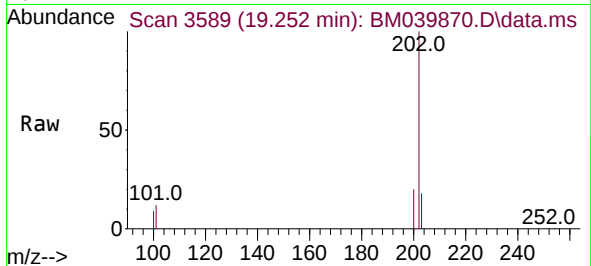
#19
Fluoranthene
Concen: 36.980 ng/u1
RT: 19.252 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

Instrument :
BNA_M
ClientSampleId :
EW943DL

Tgt Ion:202 Resp: 86229
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 9.0 7.3 10.9

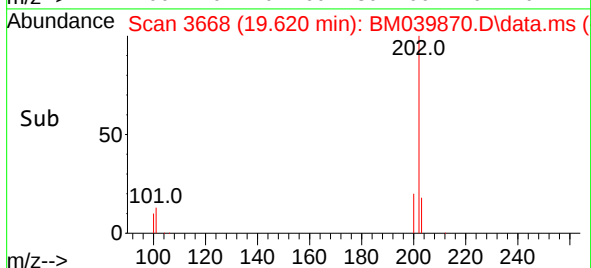
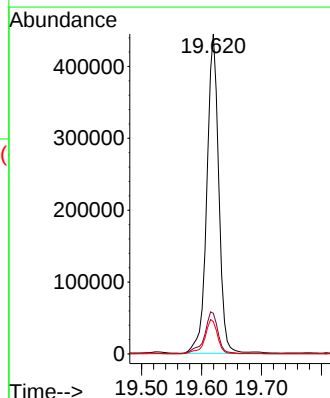
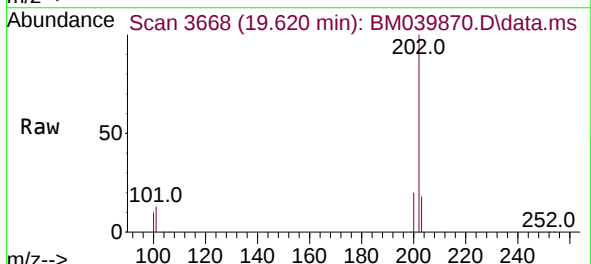
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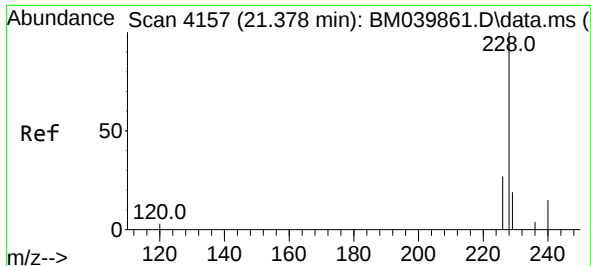
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 24.261 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

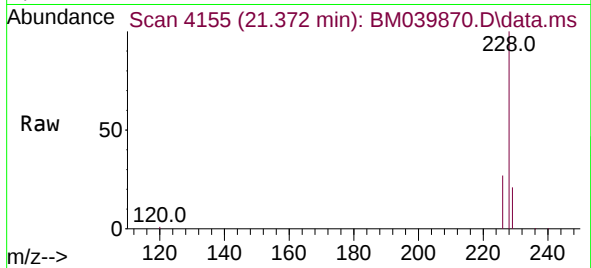
Tgt Ion:202 Resp: 610906
Ion Ratio Lower Upper
202 100
101 12.7 10.9 16.3
100 10.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 15.692 ng/u1
RT: 21.372 min Scan# 4155
Delta R.T. -0.006 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

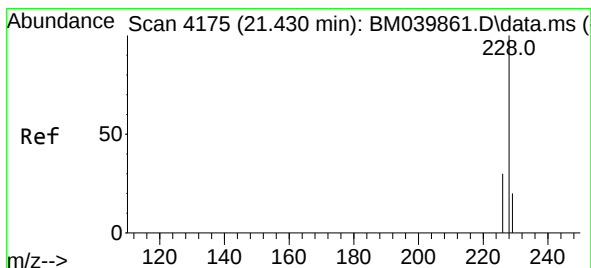
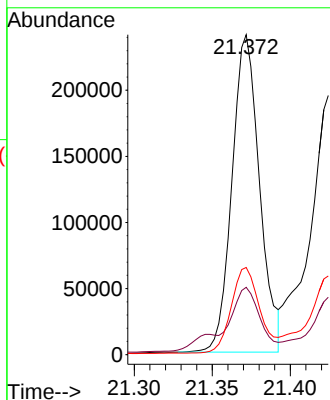
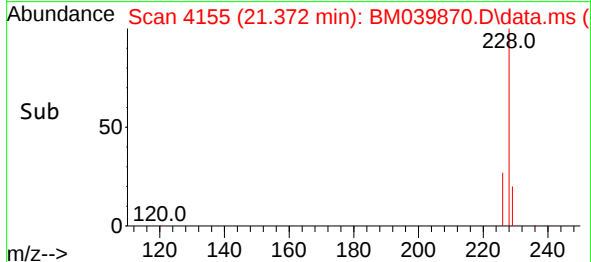
Instrument :
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Tgt Ion:228 Resp: 294889
Ion Ratio Lower Upper
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229 21.0 16.2 24.2
226 27.3 21.6 32.4

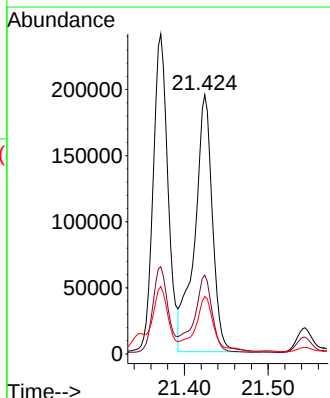
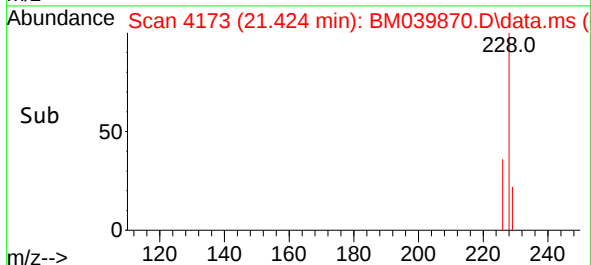
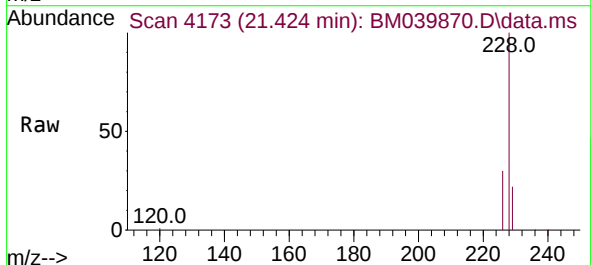
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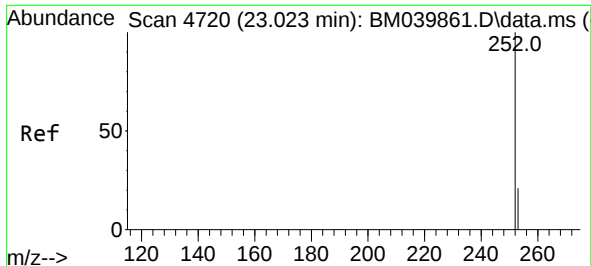
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Chrysene
Concen: 13.485 ng/u1
RT: 21.424 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

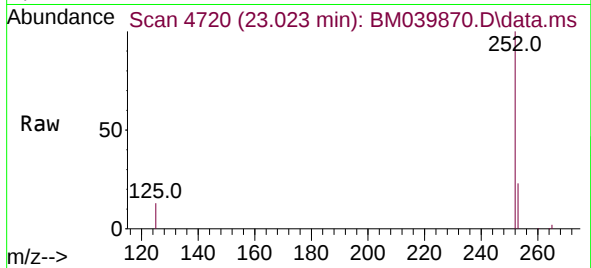
Tgt Ion:228 Resp: 286786
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 10.911 ng/ul
RT: 23.023 min Scan# 4720
Delta R.T. 0.000 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

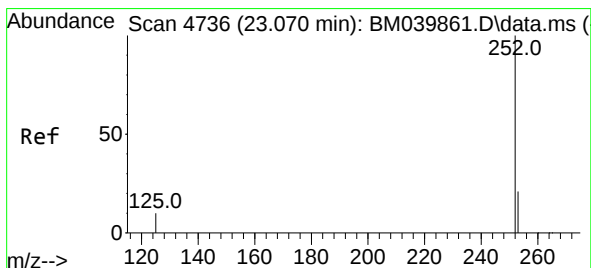
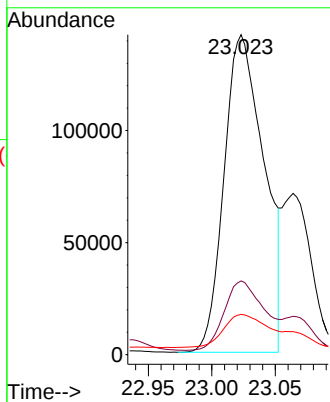
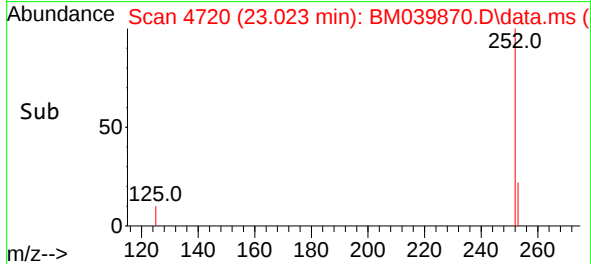
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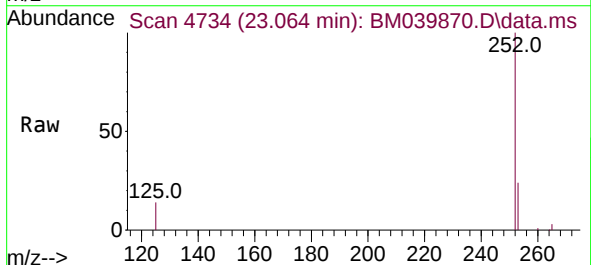
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Ion Ratio Lower Upper
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125 12.6 0.0 31.6

Manual Integrations
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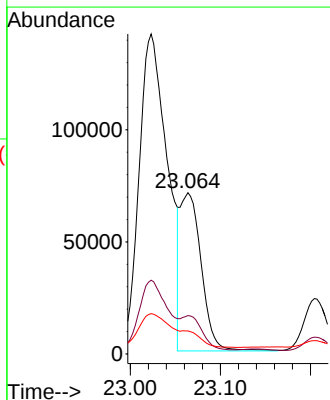
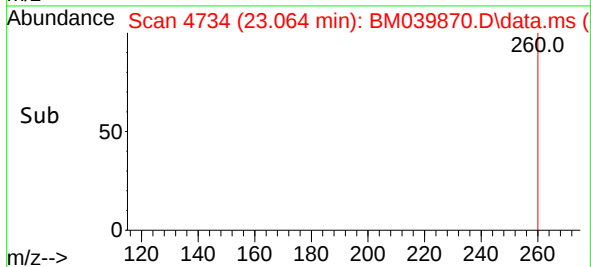
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

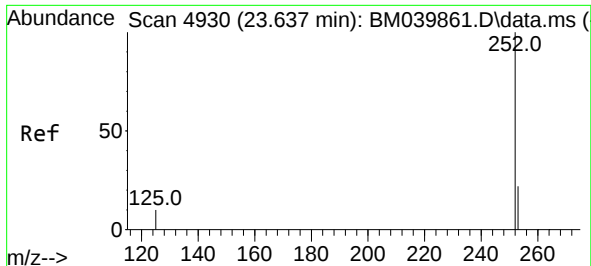


#25
Benzo(k)fluoranthene
Concen: 3.970 ng/ul m
RT: 23.064 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15



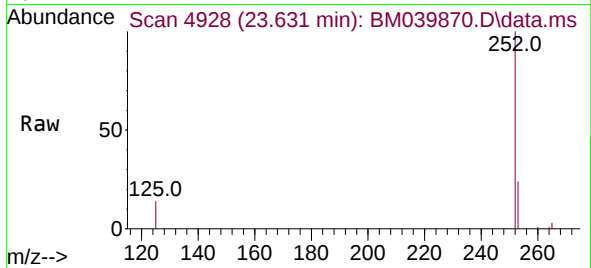
Tgt Ion:252 Resp: 114804
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 14.3 13.0 19.6





#26
Benzo(a)pyrene
Concen: 7.924 ng/ul
RT: 23.631 min Scan# 4930
Delta R.T. -0.006 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

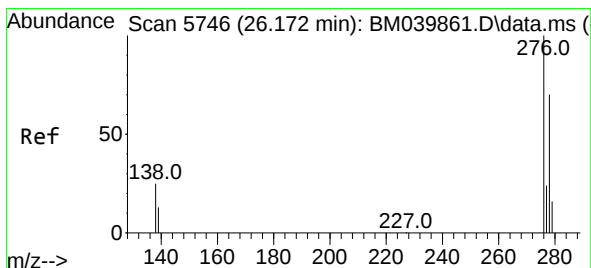
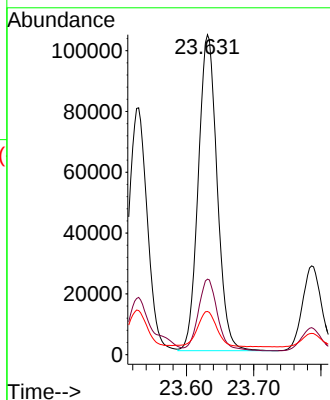
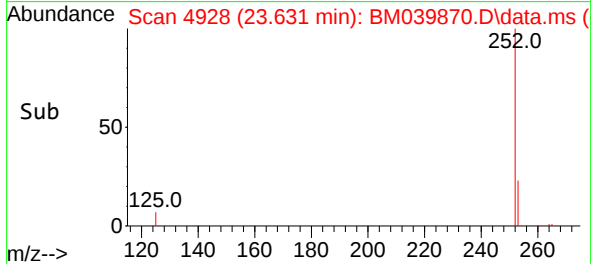
Instrument :
BNA_M
ClientSampleId :
EW943DL



Tgt Ion:252 Resp: 202054
Ion Ratio Lower Upper
252 100
253 23.6 24.7 37.1
125 13.5 16.5 24.7

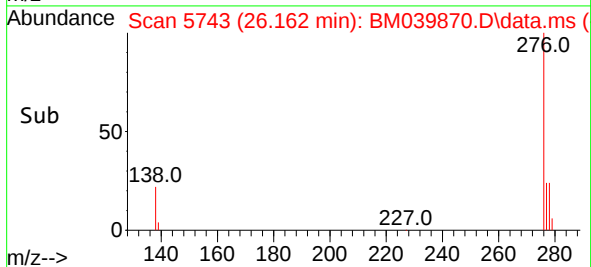
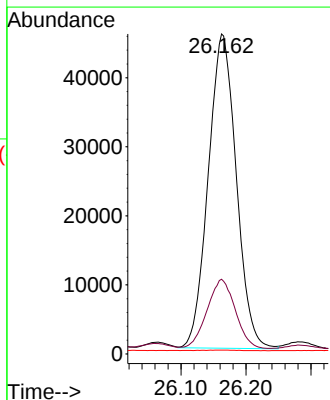
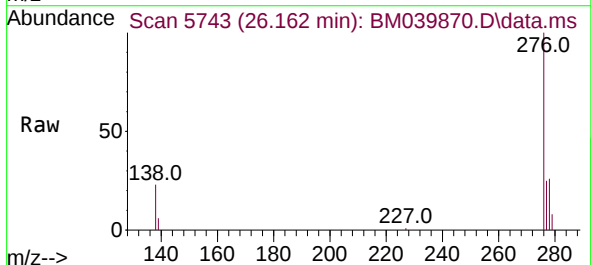
Manual Integrations
APPROVED

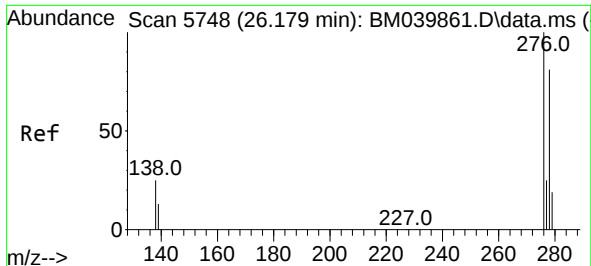
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.227 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

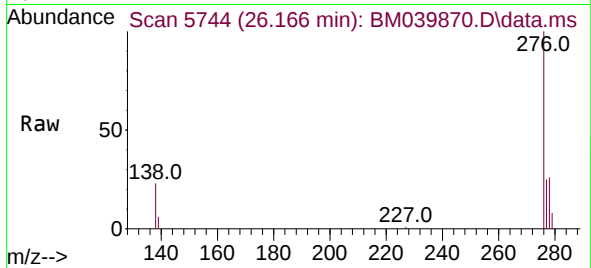
Tgt Ion:276 Resp: 136281
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.701 ng/ul
RT: 26.166 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15

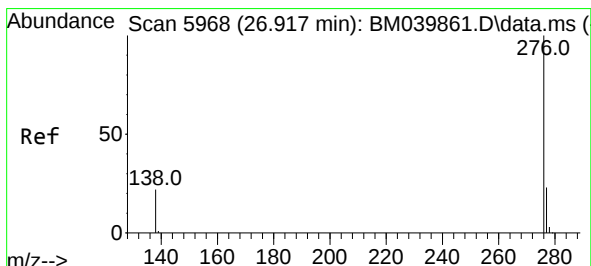
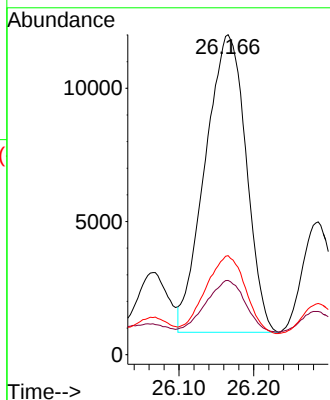
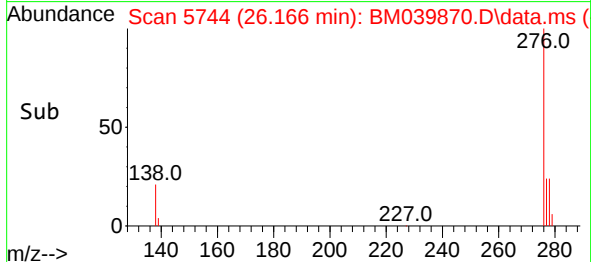
Instrument :
BNA_M
ClientSampleId :
EW943DL



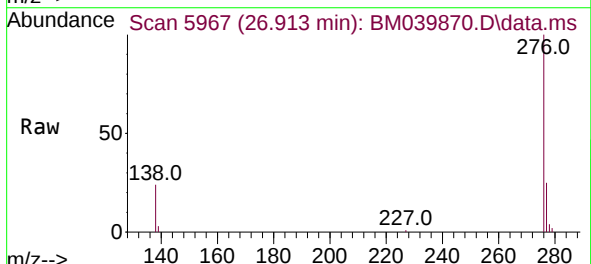
Tgt Ion:278 Resp: 42580
Ion Ratio Lower Upper
278 100
139 23.2 17.0 25.6
279 31.0 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#29
Benzo(g,h,i)perylene
Concen: 4.198 ng/ul
RT: 26.913 min Scan# 5967
Delta R.T. -0.003 min
Lab File: BM039870.D
Acq: 08 May 2023 15:15



Tgt Ion:276 Resp: 117943
Ion Ratio Lower Upper
276 100
138 23.9 20.1 30.1
277 24.8 20.1 30.1

