

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039841.D
 Acq On : 05 May 2023 12:07
 Operator : CG/JU
 Sample : 02447-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW907DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:20:39 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 : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	1786	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.599	136	7073	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.440	164	4733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.194	188	10783	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.390	240	10152	0.400	ng/ul	#-0.01
23) Perylene-d12	23.735	264	10432	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1015	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	303	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.227	212	946	0.035	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.654	128	557	0.031	ng/ul#	40
7) 2-Methylnaphthalene	12.304	142	216	0.021	ng/ul	93
10) Acenaphthylene	14.158	152	1274	0.070	ng/ul#	69
11) Acenaphthene	14.500	153	494	0.034	ng/ul#	91
12) Fluorene	15.495	166	714	0.045	ng/ul#	80
15) Phenanthrene	17.236	178	17145	0.604	ng/ul#	94
16) Anthracene	17.329	178	3305	0.135	ng/ul#	66
19) Fluoranthene	19.255	202	49399	1.364	ng/ul	99
20) Pyrene	19.618	202	43988	1.125	ng/ul	99
21) Benzo(a)anthracene	21.376	228	20813m	0.713	ng/ul	
22) Chrysene	21.428	228	23881m	0.723	ng/ul	
24) Benzo(b)fluoranthene	23.024	252	32360	0.883	ng/ul	86
25) Benzo(k)fluoranthene	23.065	252	10975m	0.294	ng/ul	
26) Benzo(a)pyrene	23.629	252	20219	0.615	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.164	276	16272	0.391	ng/ul	90
28) Dibenzo(a,h)anthracene	26.164	278	3657	0.113	ng/ul#	49
29) Benzo(g,h,i)perylene	26.915	276	15526	0.428	ng/ul	95

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

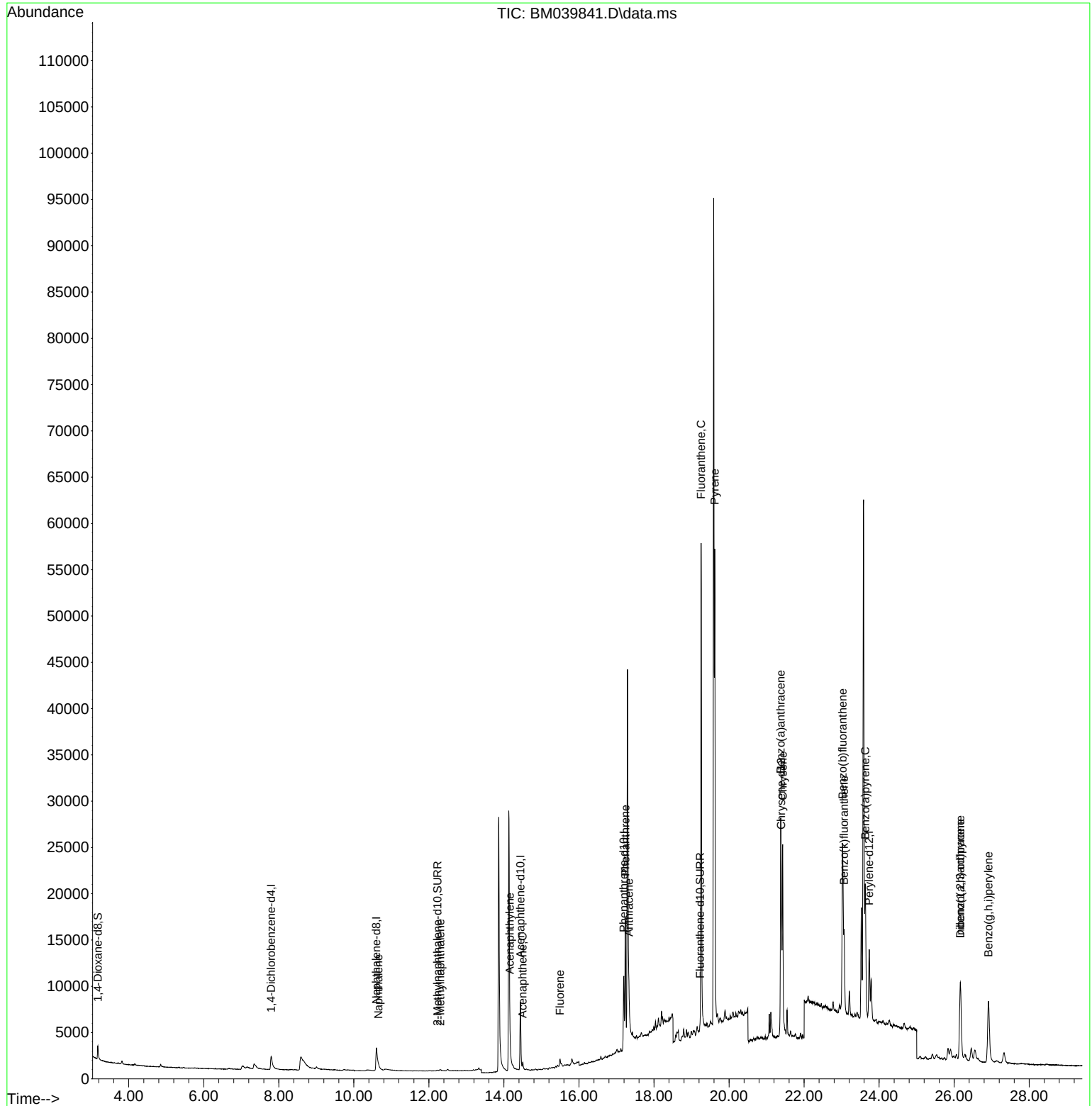
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039841.D
Acq On : 05 May 2023 12:07
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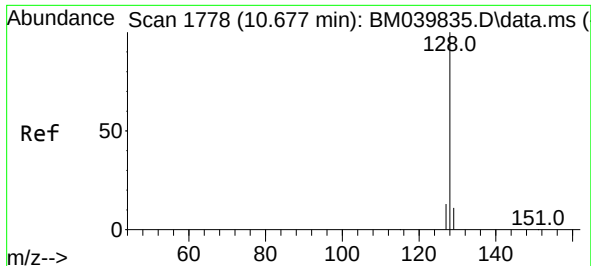
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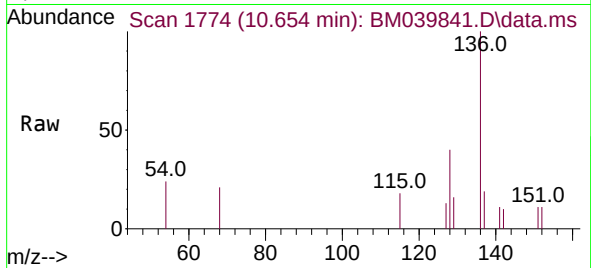
Quant Time: May 06 02:20:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:18:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.654 min Scan# 1774
Delta R.T. -0.007 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

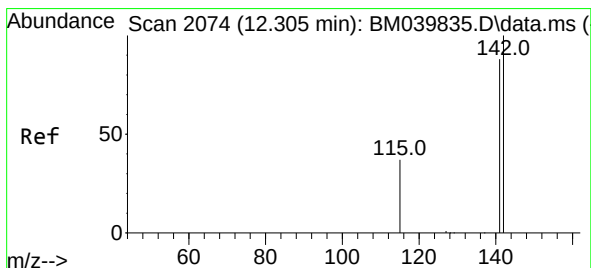
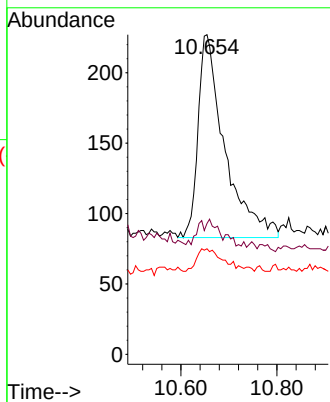
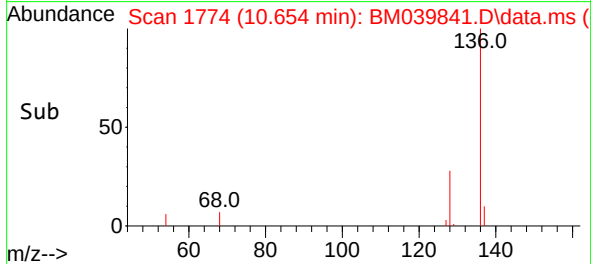
Instrument :
BNA_M
ClientSampleId :
EW907DL



Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
129 41.0 9.8 14.6
127 33.0 11.1 16.7

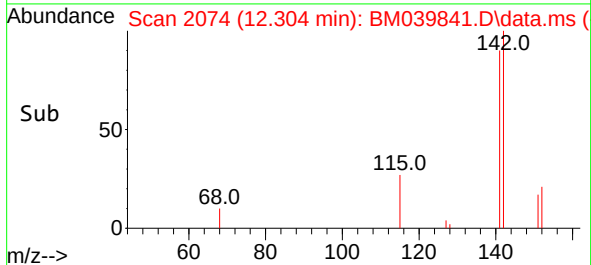
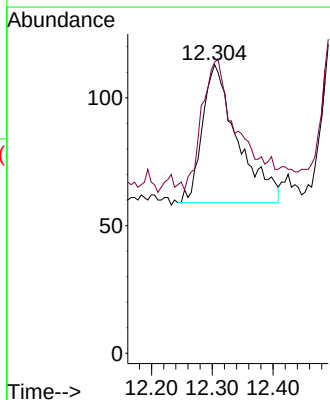
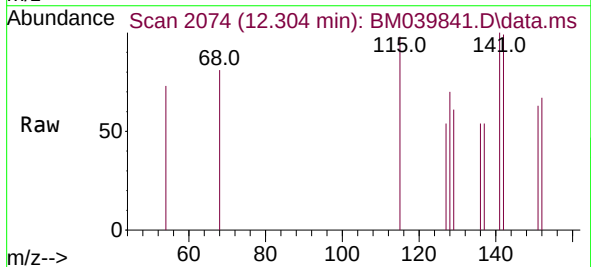
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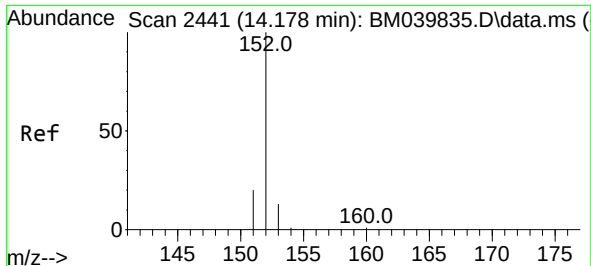
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.304 min Scan# 2074
Delta R.T. 0.015 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

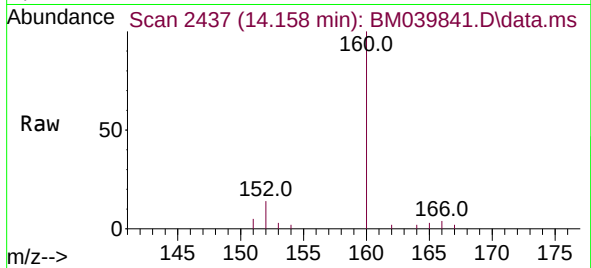
Tgt Ion:142 Resp: 216
Ion Ratio Lower Upper
142 100
141 98.1 73.2 109.8





#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.158 min Scan# 2441
Delta R.T. -0.015 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

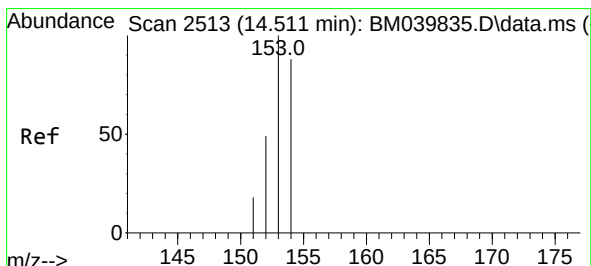
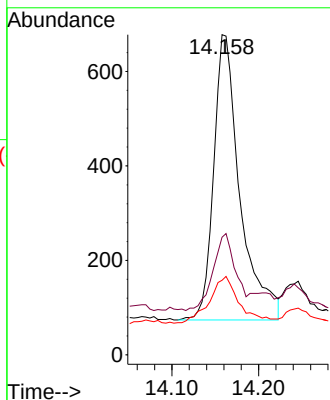
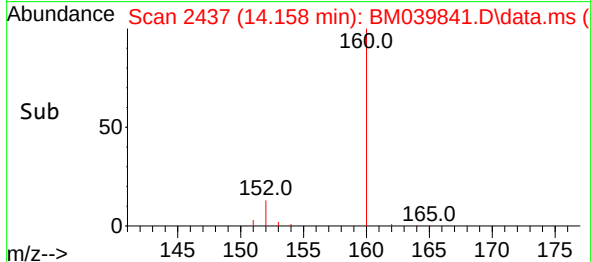
Instrument :
BNA_M
ClientSampleId :
EW907DL



Tgt Ion:152 Resp: 1274
Ion Ratio Lower Upper
152 100
151 36.7 16.0 24.0
153 23.3 11.2 16.8

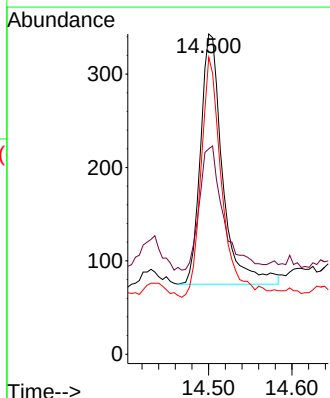
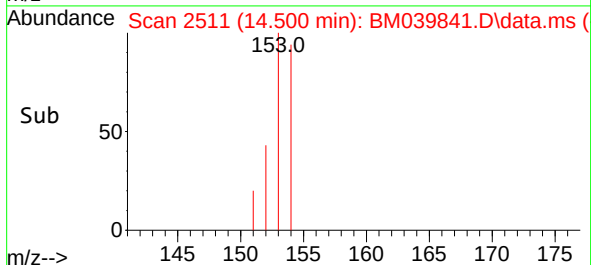
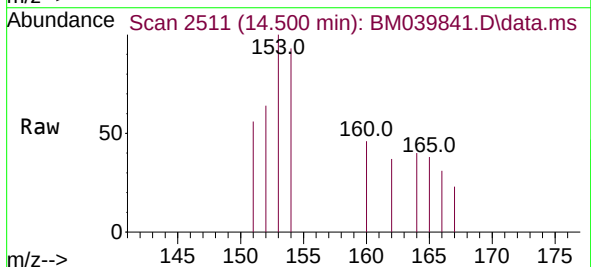
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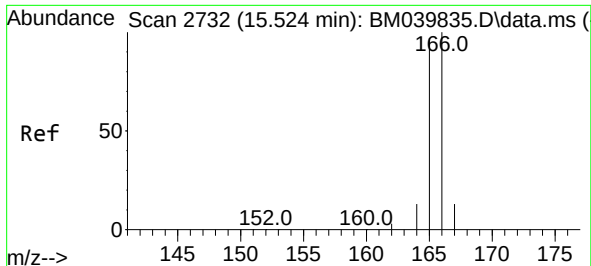
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.500 min Scan# 2511
Delta R.T. -0.011 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

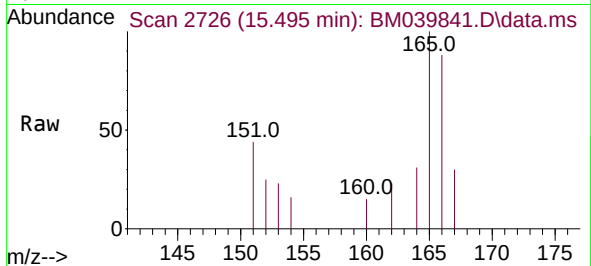
Tgt Ion:153 Resp: 494
Ion Ratio Lower Upper
153 100
152 64.1 40.6 61.0
154 92.7 71.9 107.9





#12
Fluorene
Concen: 0.045 ng/uI
RT: 15.495 min Scan# 21
Delta R.T. -0.020 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

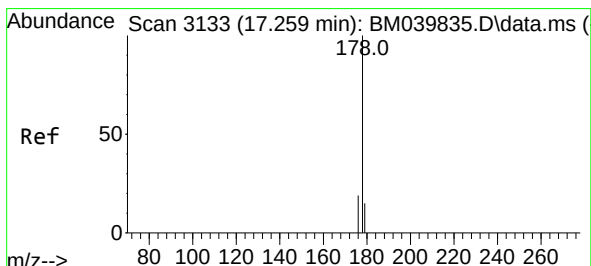
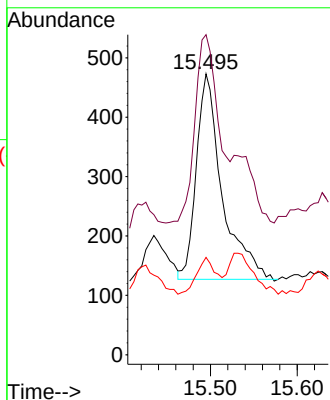
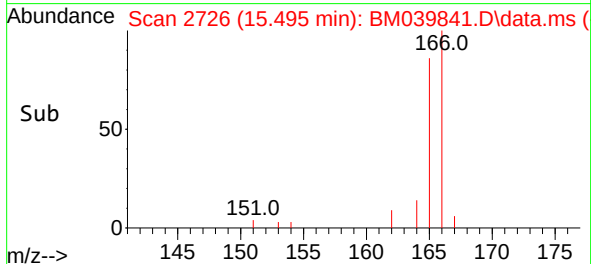
Instrument :
BNA_M
ClientSampleId :
EW907DL



Tgt Ion:166 Resp: 714
Ion Ratio Lower Upper
166 100
165 114.0 79.0 118.6
167 34.7 11.8 17.6

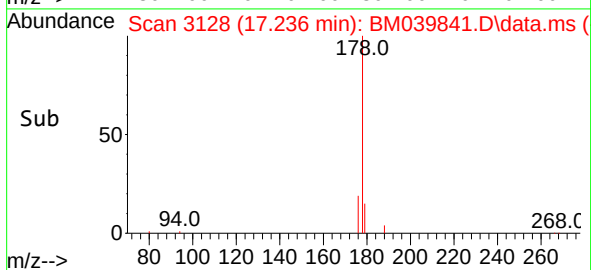
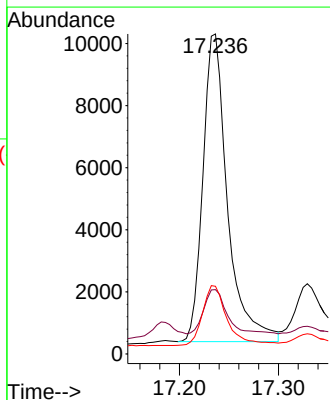
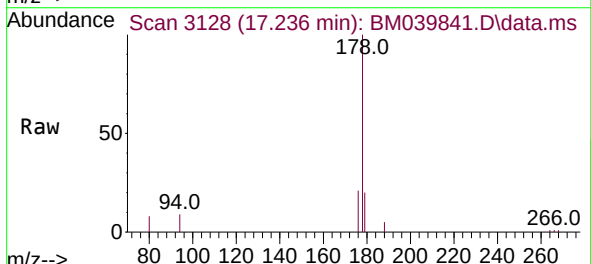
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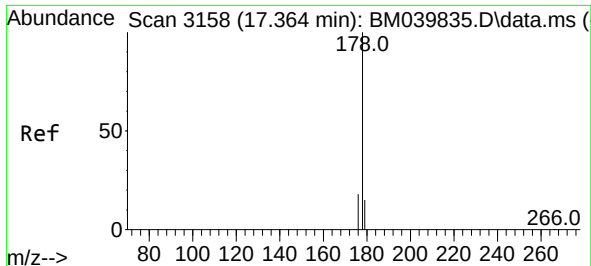
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#15
Phenanthrene
Concen: 0.604 ng/uI
RT: 17.236 min Scan# 3128
Delta R.T. -0.018 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

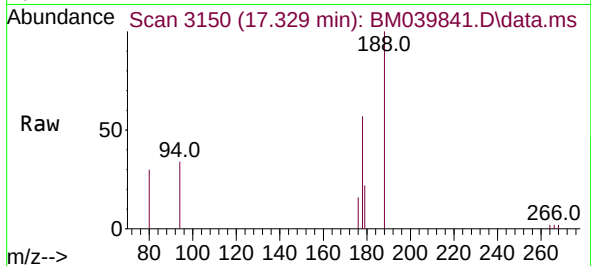
Tgt Ion:178 Resp: 17145
Ion Ratio Lower Upper
178 100
179 20.1 13.0 19.6#
176 21.2 15.8 23.8





#16
 Anthracene
 Concen: 0.135 ng/ul
 RT: 17.329 min Scan# 3158
 Delta R.T. -0.027 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

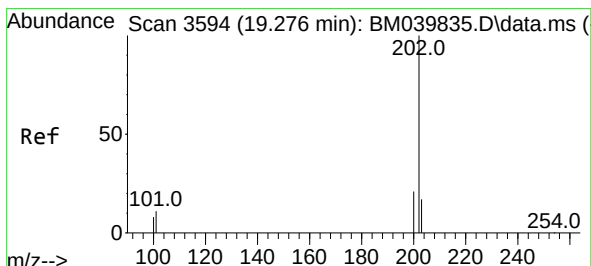
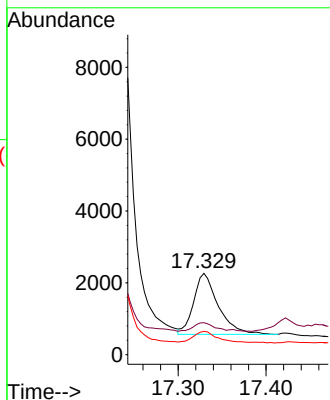
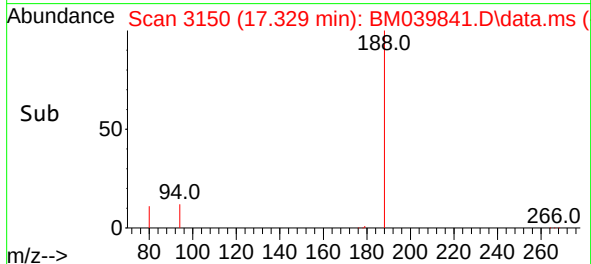
Instrument :
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 ClientSampleId :
 EW907DL



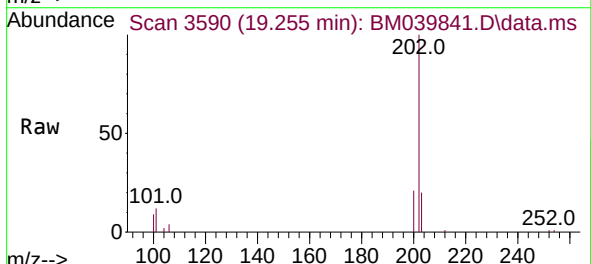
Tgt Ion:178 Resp: 3308
 Ion Ratio Lower Upper
 178 100
 179 39.3 13.8 20.6
 176 28.7 15.8 23.8

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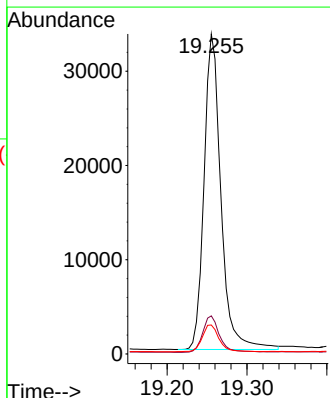
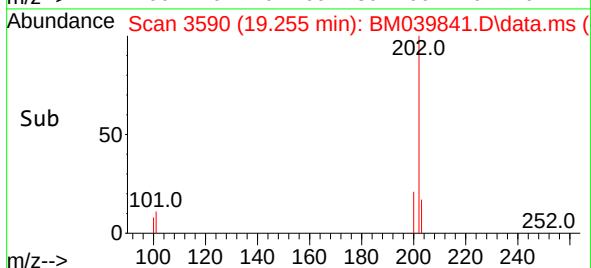
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

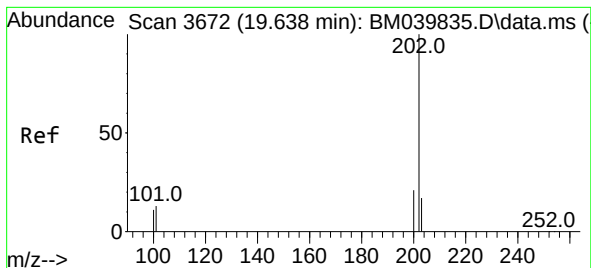


#19
 Fluoranthene
 Concen: 1.364 ng/ul
 RT: 19.255 min Scan# 3590
 Delta R.T. -0.016 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07



Tgt Ion:202 Resp: 49399
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.8 14.8
 100 9.1 7.3 10.9





#20

Pyrene

Concen: 1.125 ng/ul

RT: 19.618 min Scan# 30

Delta R.T. -0.016 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

Instrument :

BNA_M

ClientSampleId :

EW907DL

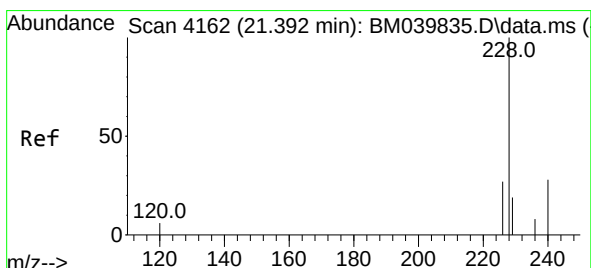
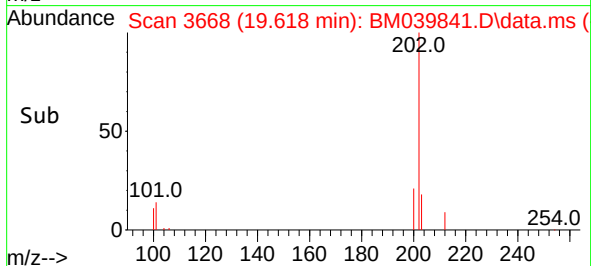
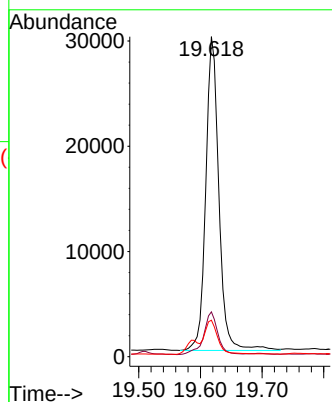
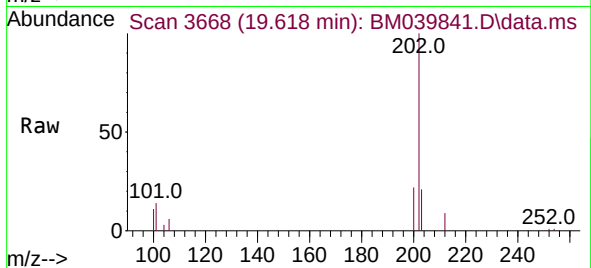
Tgt Ion:	202	Resp:	4398
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.9	16.3
100	11.4	8.9	13.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/08/2023



#21

Benzo(a)anthracene

Concen: 0.713 ng/ul m

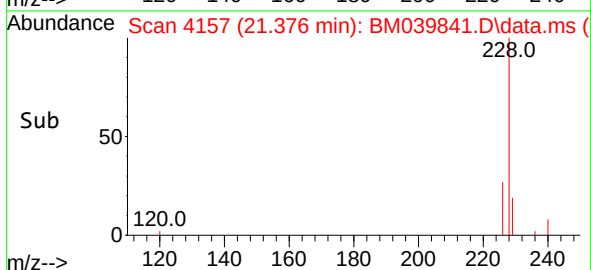
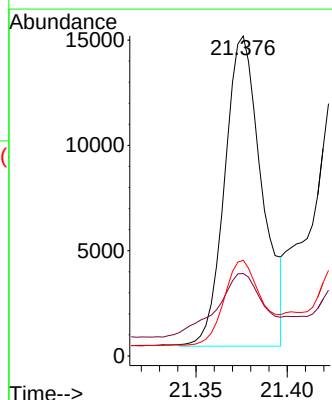
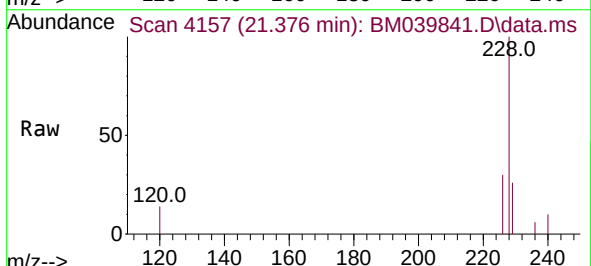
RT: 21.376 min Scan# 4157

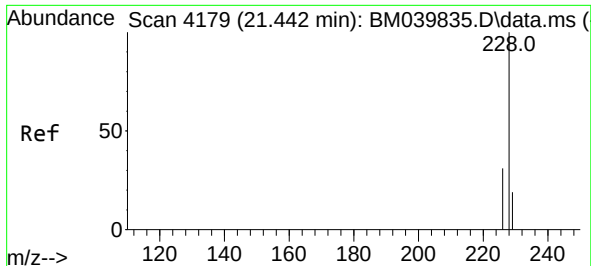
Delta R.T. -0.015 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

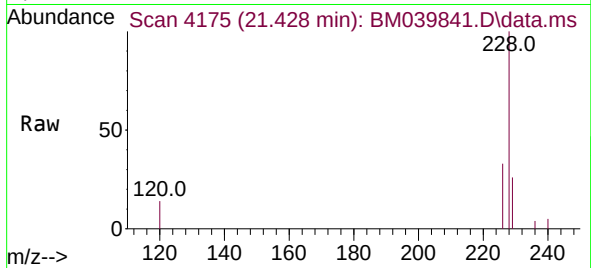
Tgt Ion:	228	Resp:	20813
Ion Ratio	Lower	Upper	
228	100		
229	25.7	16.2	24.2
226	29.9	21.6	32.4





#22
Chrysene
Concen: 0.723 ng/ul m
RT: 21.428 min Scan# 4179
Delta R.T. -0.012 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

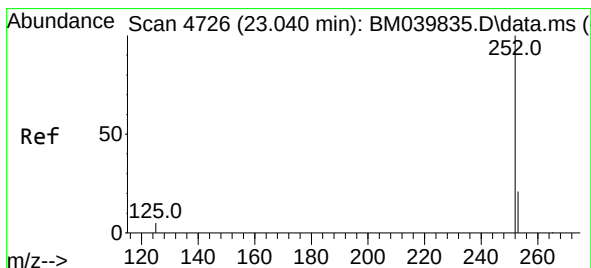
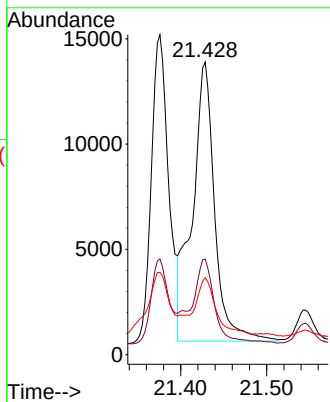
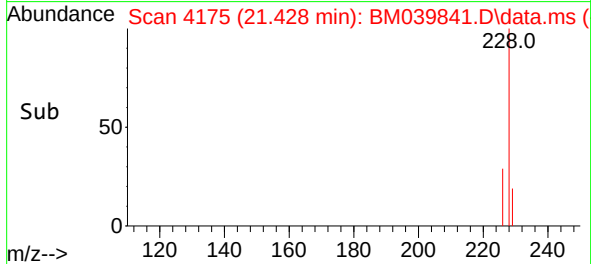
Instrument :
BNA_M
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EW907DL



Tgt Ion:228 Resp: 2388
Ion Ratio Lower Upper
228 100
226 32.6 24.3 36.5
229 26.3 15.9 23.9

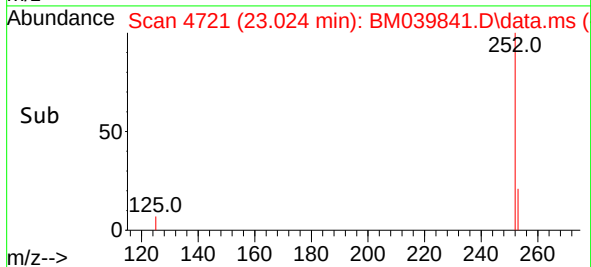
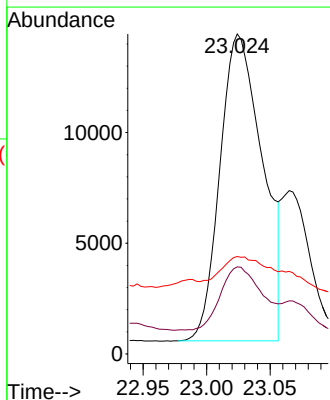
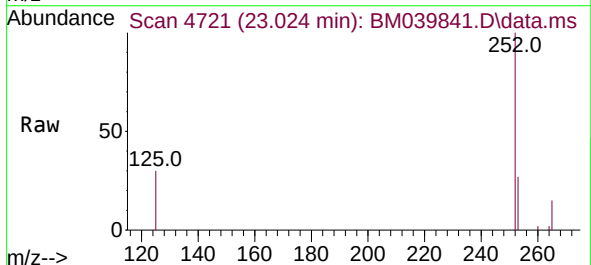
Manual Integrations
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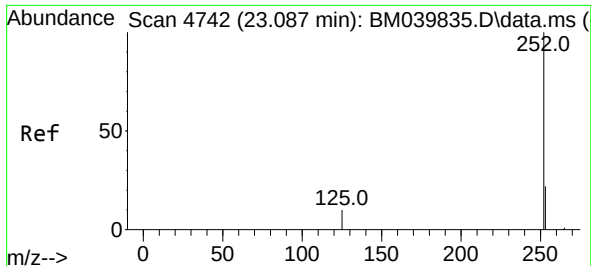
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#24
Benzo(b)fluoranthene
Concen: 0.883 ng/ul
RT: 23.024 min Scan# 4721
Delta R.T. -0.012 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

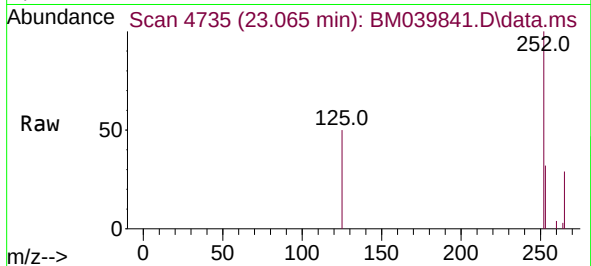
Tgt Ion:252 Resp: 32360
Ion Ratio Lower Upper
252 100
253 27.2 0.0 52.8
125 30.4 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 23.065 min Scan# 4735
Delta R.T. -0.021 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

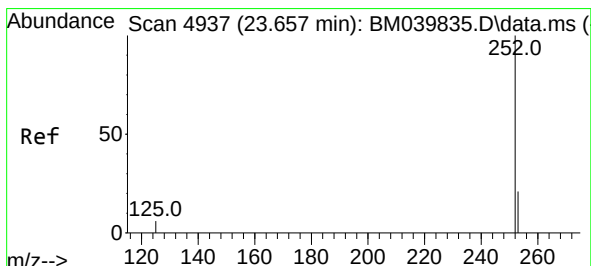
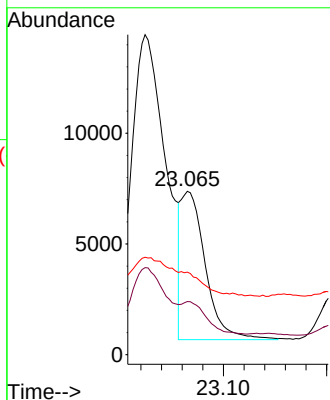
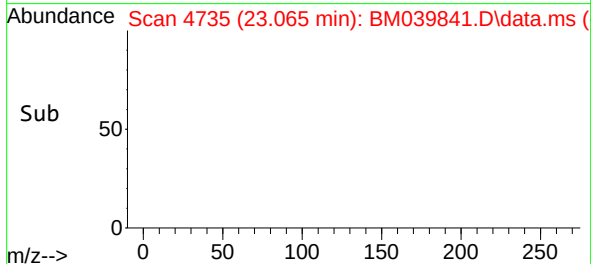
Instrument :
BNA_M
ClientSampleId :
EW907DL



Tgt Ion:252 Resp: 10975
Ion Ratio Lower Upper
252 100
253 32.5 21.3 31.9
125 50.5 13.0 19.6

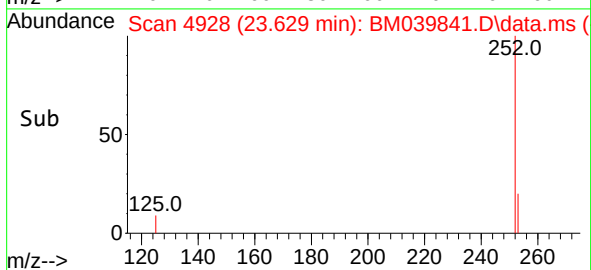
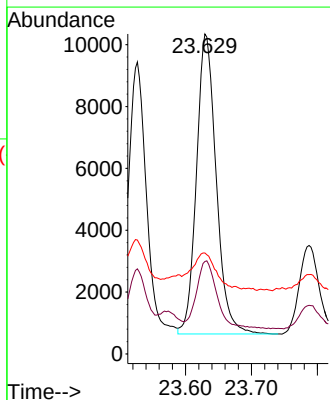
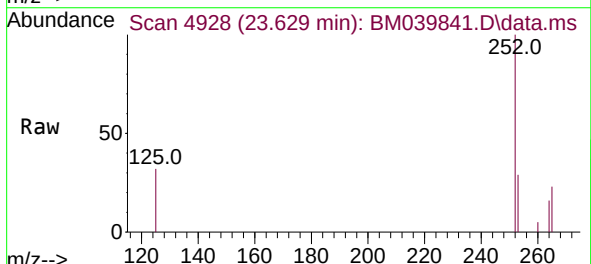
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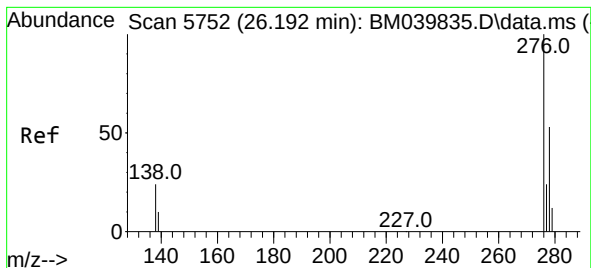
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#26
Benzo(a)pyrene
Concen: 0.615 ng/ul
RT: 23.629 min Scan# 4928
Delta R.T. -0.021 min
Lab File: BM039841.D
Acq: 05 May 2023 12:07

Tgt Ion:252 Resp: 20219
Ion Ratio Lower Upper
252 100
253 28.9 24.7 37.1
125 31.6 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

RT: 26.164 min Scan# 5744

Delta R.T. -0.024 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

Instrument :

BNA_M

ClientSampleId :

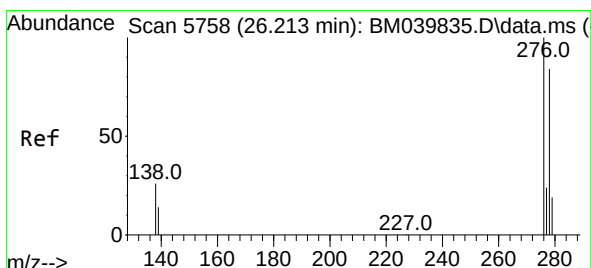
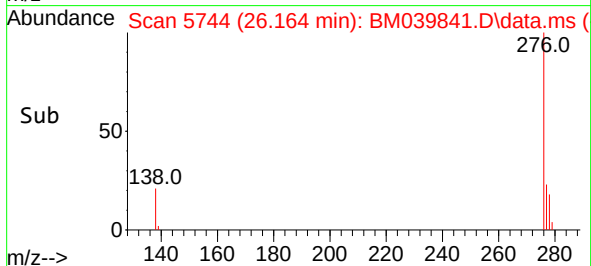
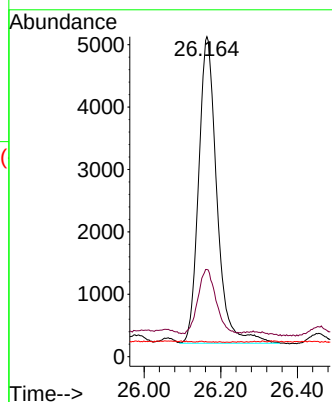
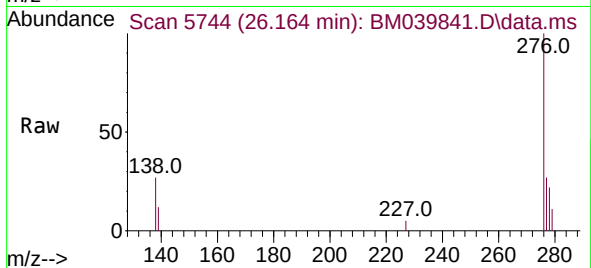
EW907DL

Tgt Ion:	276	Resp:	1627
Ion Ratio	Lower	Upper	
276	100		
138	21.1	21.1	31.7
227	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.113 ng/ul

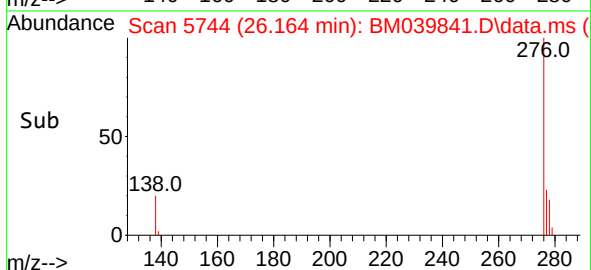
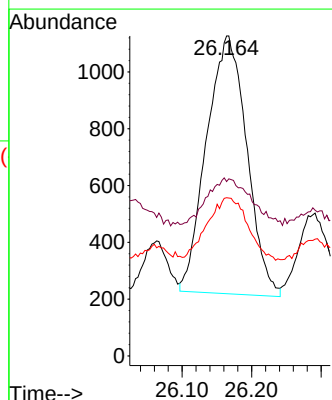
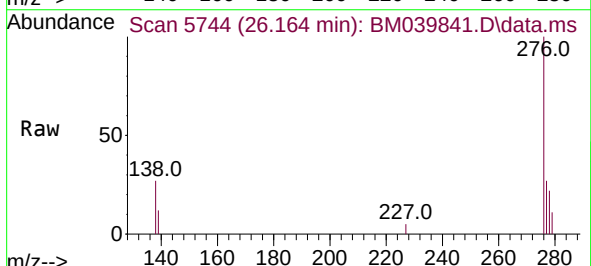
RT: 26.164 min Scan# 5744

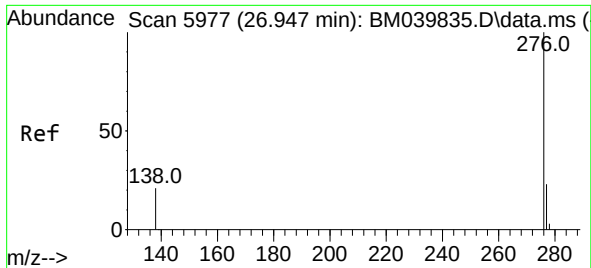
Delta R.T. -0.034 min

Lab File: BM039841.D

Acq: 05 May 2023 12:07

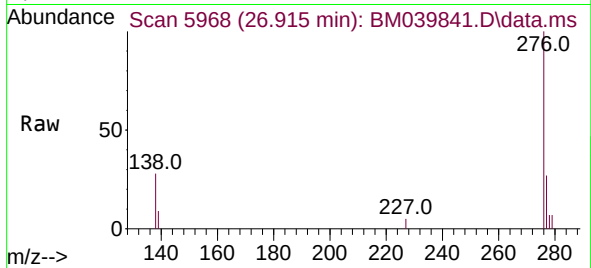
Tgt Ion:	278	Resp:	3657
Ion Ratio	Lower	Upper	
278	100		
139	54.5	17.0	25.6#
279	49.4	23.4	35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.428 ng/ul
 RT: 26.915 min Scan# 5968
 Delta R.T. -0.017 min
 Lab File: BM039841.D
 Acq: 05 May 2023 12:07

Instrument :
 BNA_M
 ClientSampleId :
 EW907DL



Tgt Ion:276 Resp: 15520
 Ion Ratio Lower Upper
 276 100
 138 28.2 20.1 30.1
 277 27.1 20.1 30.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

