

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039893.D
 Acq On : 09 May 2023 14:45
 Operator : CG/JU
 Sample : 02479-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW948

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 01:03:33 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 09 12:11:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2075	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.579	136	6778	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	3964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	7289	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.402	240	4309	0.400	ng/ul	# 0.00
23) Perylene-d12	23.758	264	8046	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	4006	1.310	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	1087	0.125	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	1843	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	223041	13.104	ng/ul	97
7) 2-Methylnaphthalene	12.250	142	65115	6.629	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	41976	3.983	ng/ul	99
10) Acenaphthylene	14.159	152	48371	3.153	ng/ul	98
11) Acenaphthene	14.497	153	295482	24.519	ng/ul	98
12) Fluorene	15.492	166	302865	22.651	ng/ul	97
15) Phenanthrene	17.242	178	2674320	139.264	ng/ul	100
16) Anthracene	17.327	178	696022	42.211	ng/ul	97
19) Fluoranthene	19.271	202	3340795	217.319	ng/ul	98
20) Pyrene	19.634	202	2692974	162.217	ng/ul	97
21) Benzo(a)anthracene	21.388	228	1415136	114.225	ng/ul	98
22) Chrysene	21.440	228	1346662	96.050	ng/ul	97
24) Benzo(b)fluoranthene	23.051	252	1717304	60.774	ng/ul	93
25) Benzo(k)fluoranthene	23.089	252	555137m	19.295	ng/ul	
26) Benzo(a)pyrene	23.662	252	1198224	47.230	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.214	276	800989	24.969	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.208	278	217639	8.741	ng/ul	99
29) Benzo(g,h,i)perylene	26.966	276	658236	23.548	ng/ul	98

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

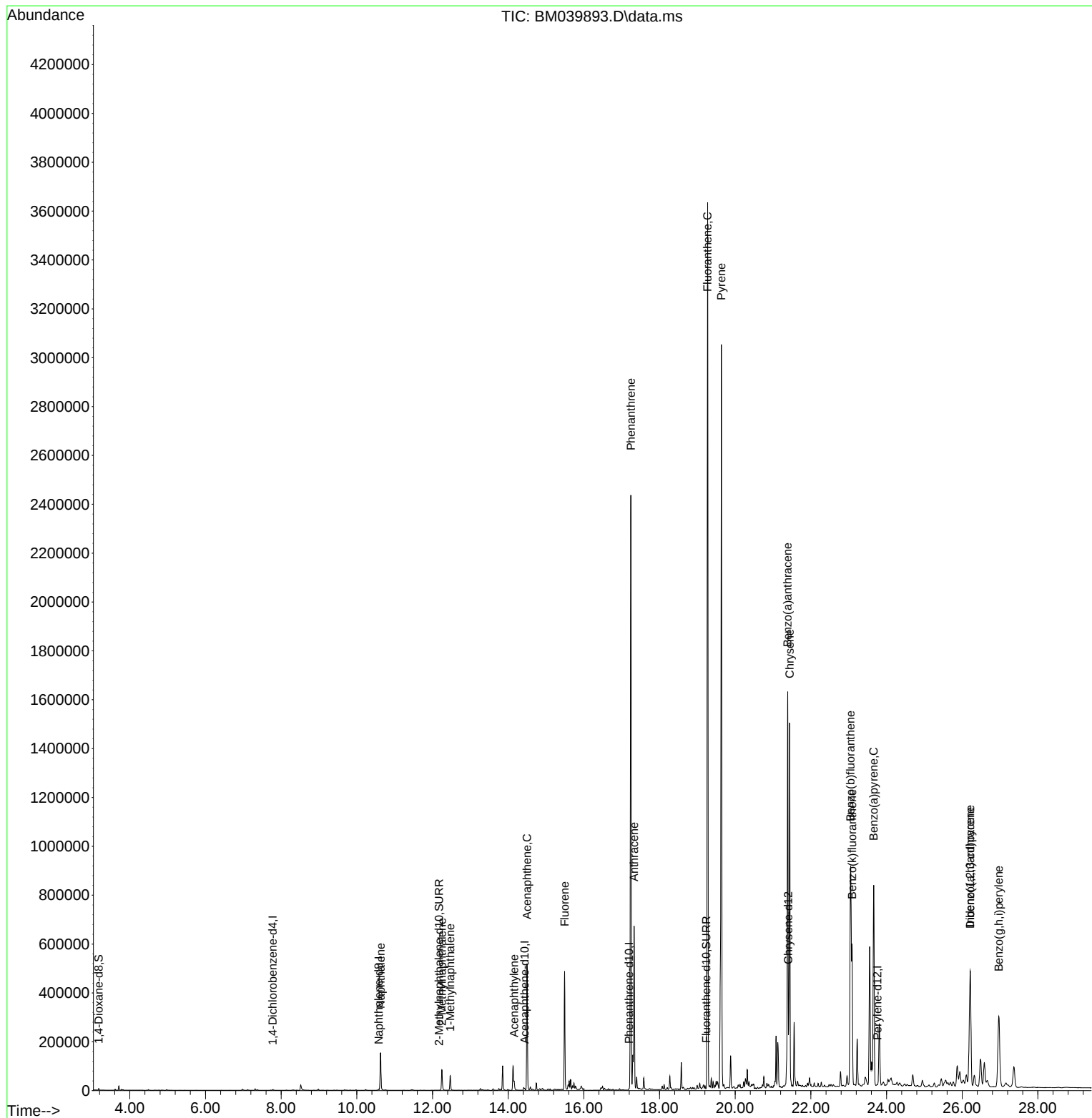
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039893.D
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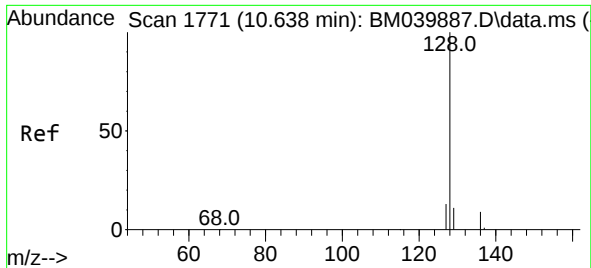
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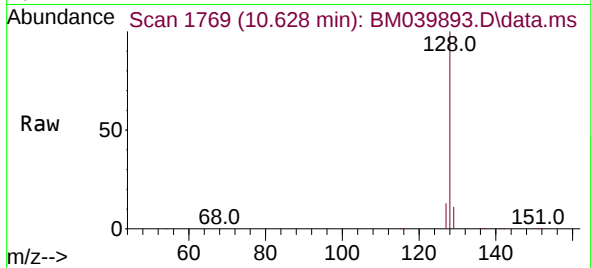
Quant Time: May 10 01:03:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 13.104 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

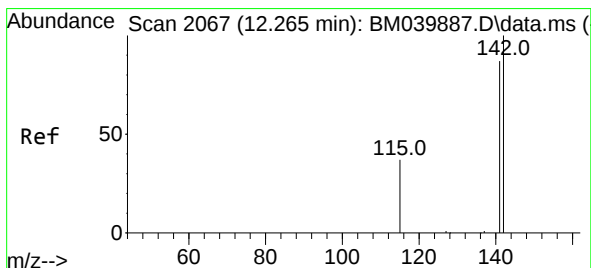
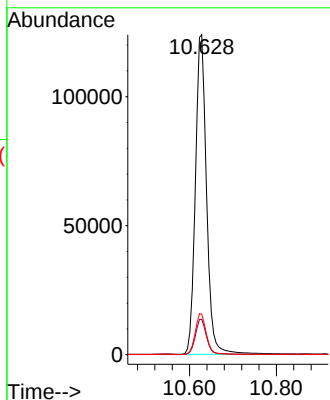
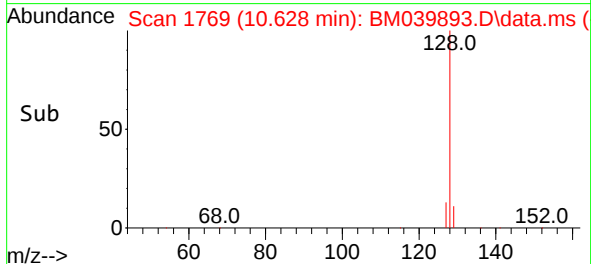
Instrument :
BNA_M
ClientSampleId :
EW948



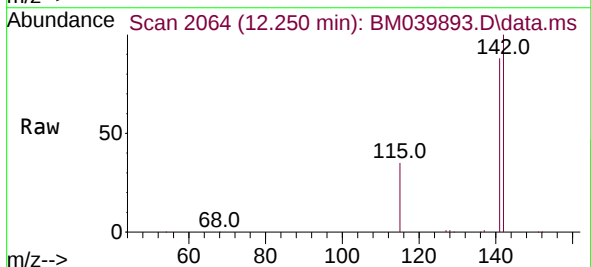
Tgt Ion:128 Resp: 22304
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.6
127 12.7 11.1 16.7

Manual Integrations
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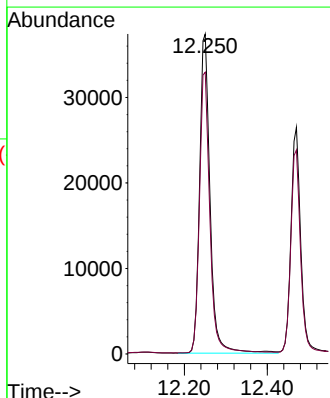
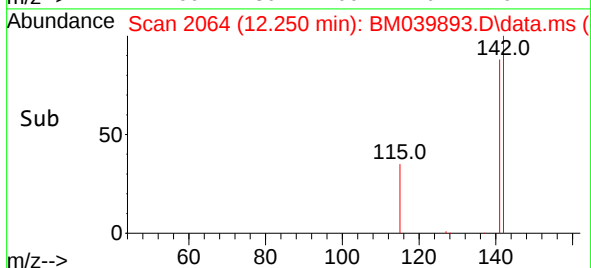
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

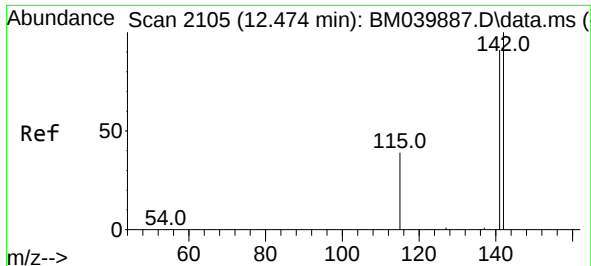


#7
2-Methylnaphthalene
Concen: 6.629 ng/ul
RT: 12.250 min Scan# 2064
Delta R.T. -0.015 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45



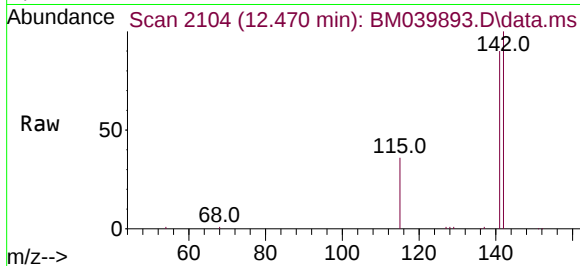
Tgt Ion:142 Resp: 65115
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 3.983 ng/ul
RT: 12.470 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

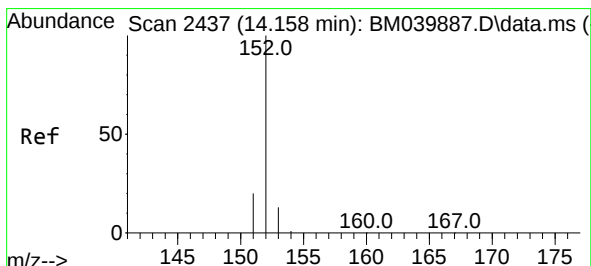
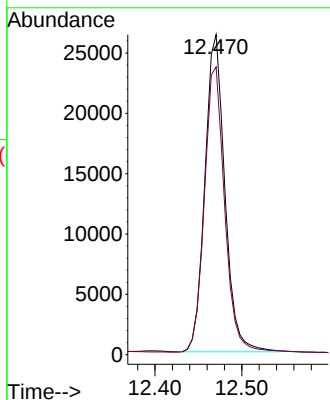
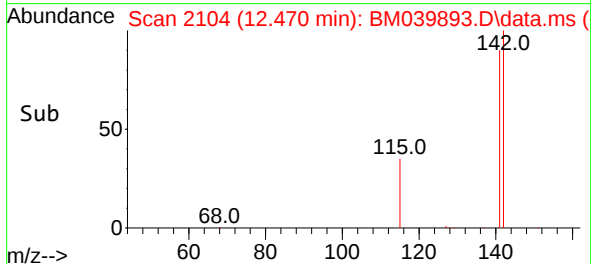
Instrument :
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Tgt Ion:142 Resp: 41970
Ion Ratio Lower Upper
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141 91.3 73.4 110.2

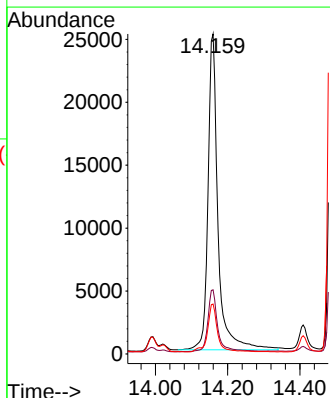
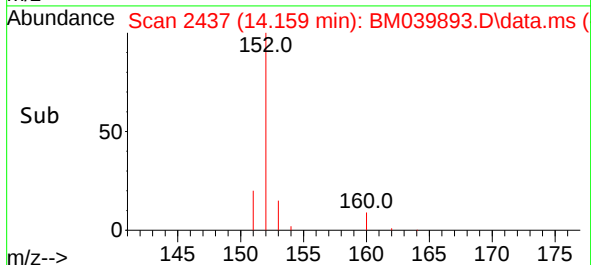
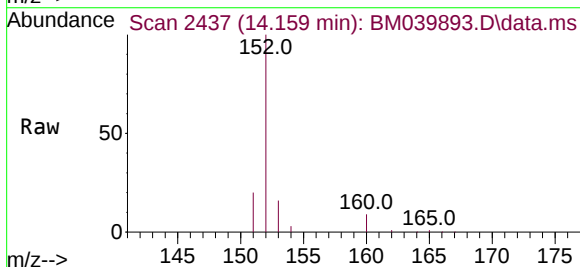
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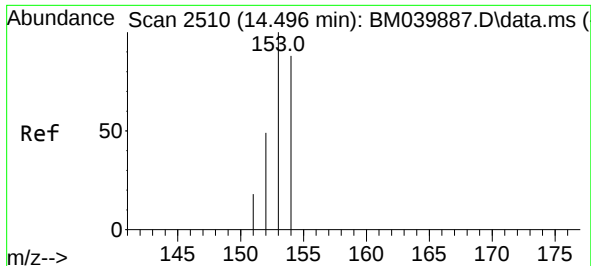
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#10
Acenaphthylene
Concen: 3.153 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

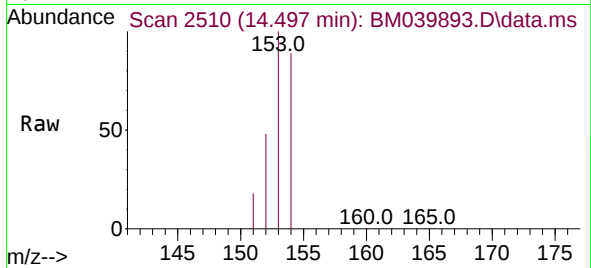
Tgt Ion:152 Resp: 48371
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 15.6 11.2 16.8





#11
Acenaphthene
Concen: 24.519 ng/ul
RT: 14.497 min Scan# 2510
Delta R.T. 0.001 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

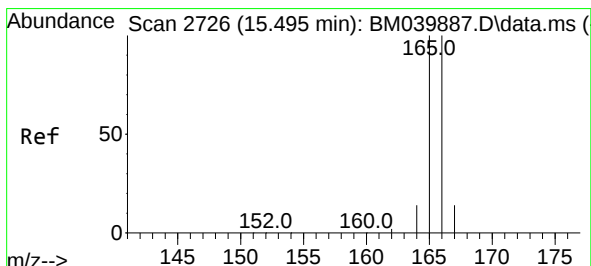
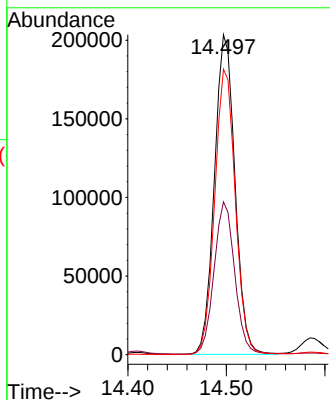
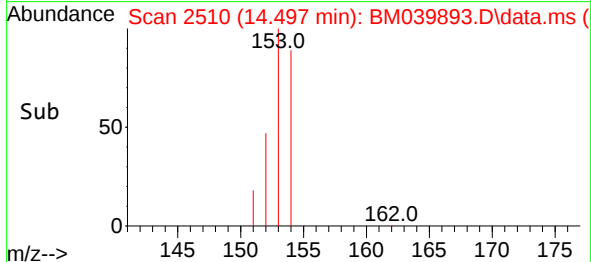
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 29548
Ion Ratio Lower Upper
153 100
152 47.8 40.6 61.0
154 89.2 71.9 107.9

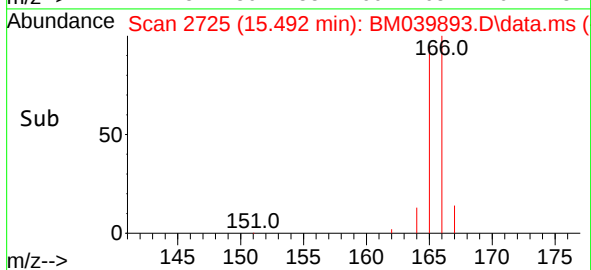
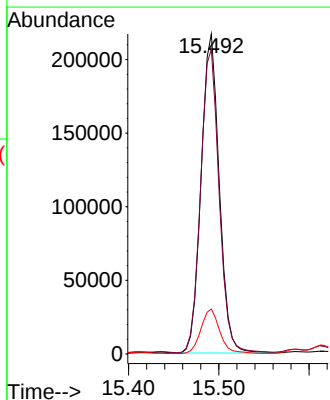
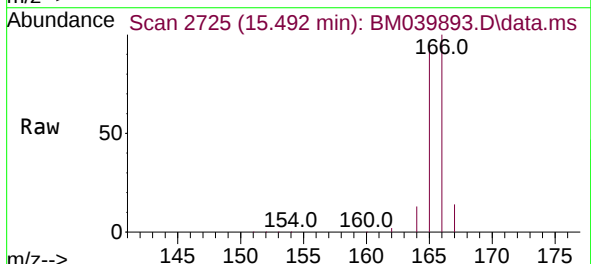
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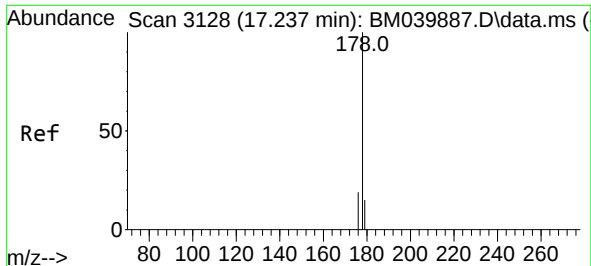
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#12
Fluorene
Concen: 22.651 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.003 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

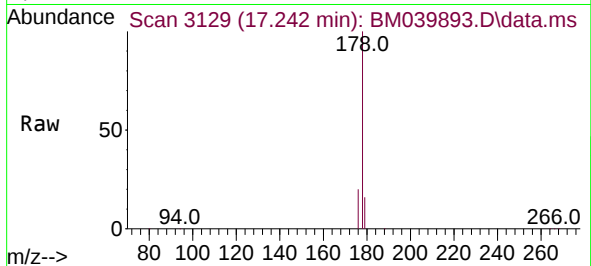
Tgt Ion:166 Resp: 302865
Ion Ratio Lower Upper
166 100
165 95.2 79.0 118.6
167 14.1 11.8 17.6





#15
Phenanthrene
Concen: 139.264 ng/ul
RT: 17.242 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

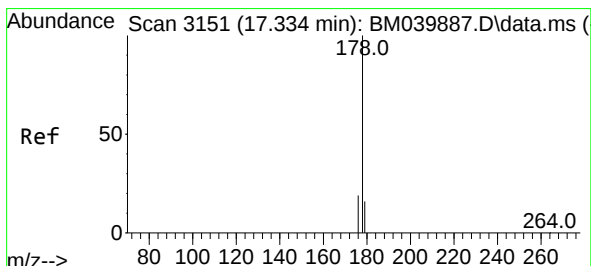
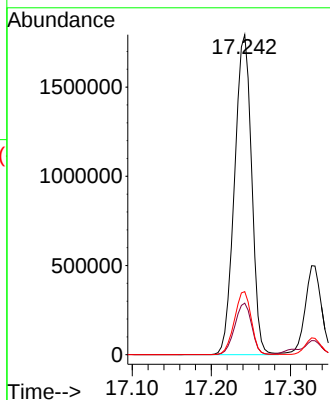
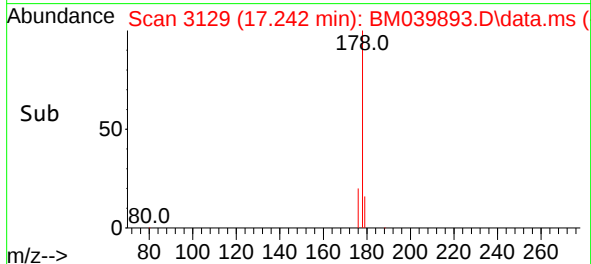
Instrument :
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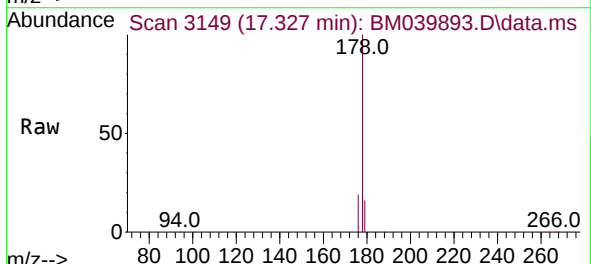
Tgt Ion:178 Resp: 2674320
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.7 15.8 23.8

Manual Integrations
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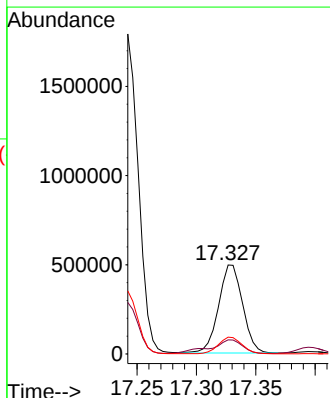
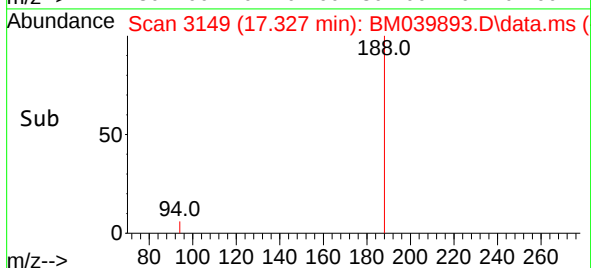
Reviewed By :Christian Giraldo 05/10/2023
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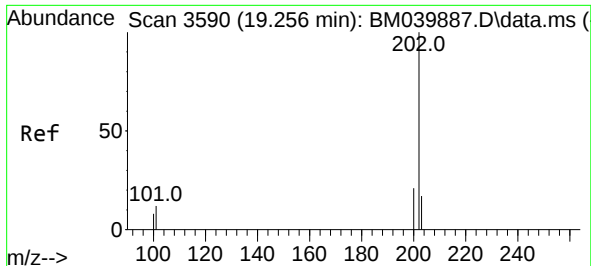


#16
Anthracene
Concen: 42.211 ng/ul
RT: 17.327 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45



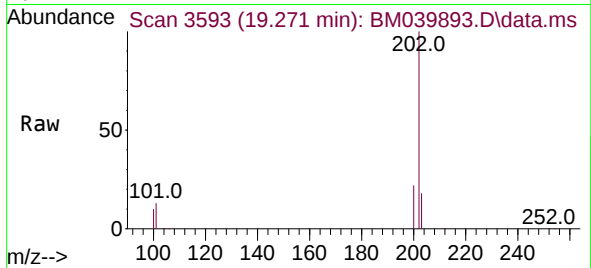
Tgt Ion:178 Resp: 696022
Ion Ratio Lower Upper
178 100
179 15.9 13.8 20.6
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 217.319 ng/u1
RT: 19.271 min Scan# 3590
Delta R.T. 0.015 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

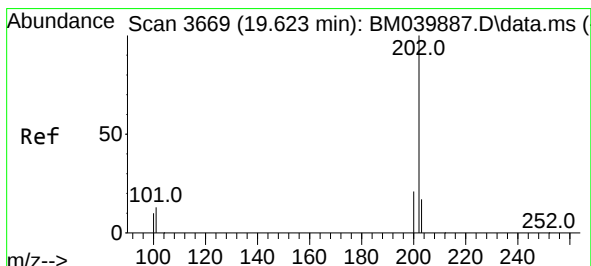
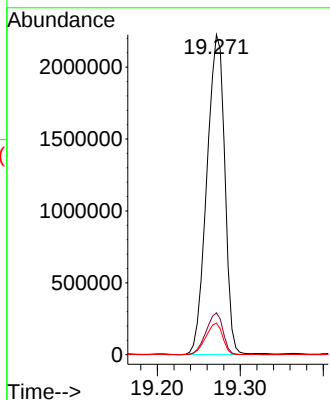
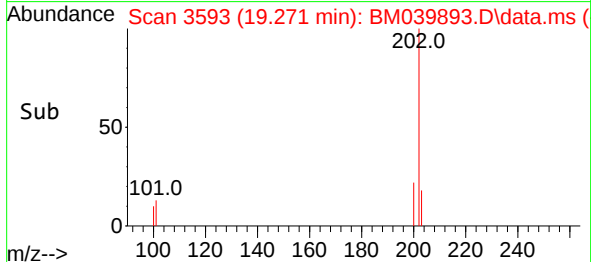
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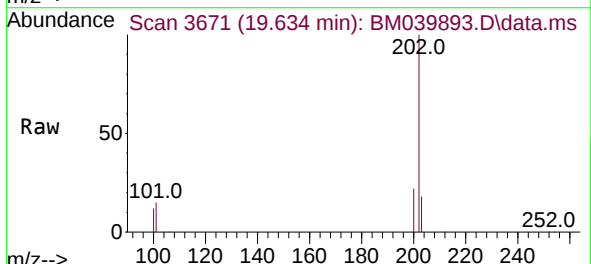
Tgt Ion:202 Resp: 334079
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.8
100 9.9 7.3 10.9

Manual Integrations
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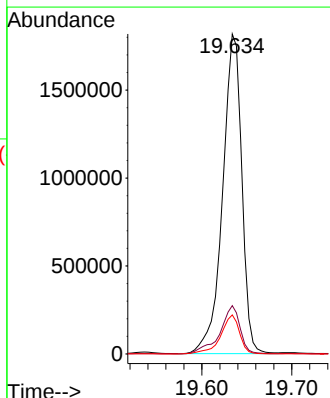
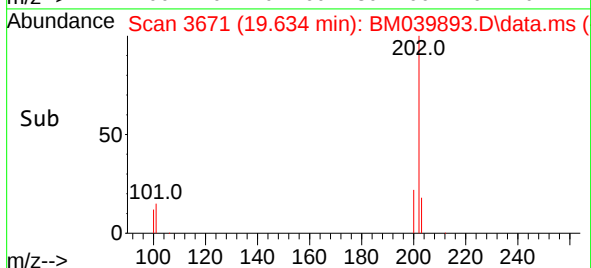
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

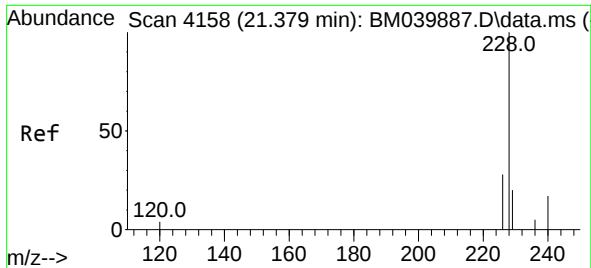


#20
Pyrene
Concen: 162.217 ng/u1
RT: 19.634 min Scan# 3671
Delta R.T. 0.011 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45



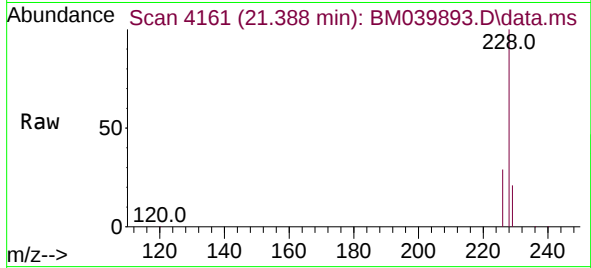
Tgt Ion:202 Resp: 2692974
Ion Ratio Lower Upper
202 100
101 15.1 10.9 16.3
100 12.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 114.225 ng/ul
RT: 21.388 min Scan# 4158
Delta R.T. 0.008 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

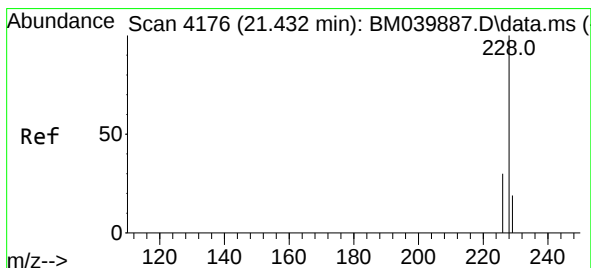
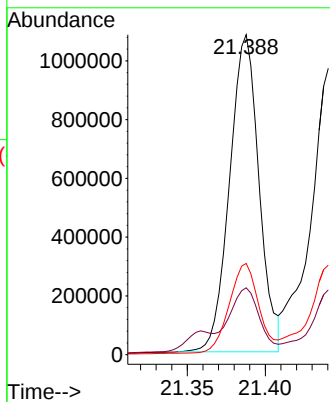
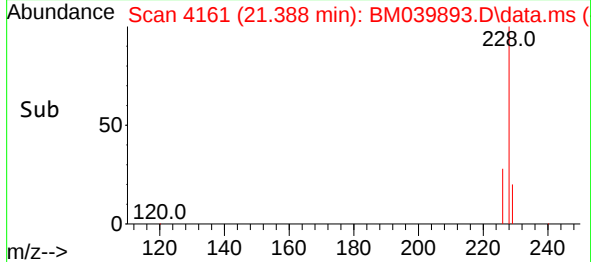
Instrument :
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Tgt Ion:228 Resp: 1415130
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.5 21.6 32.4

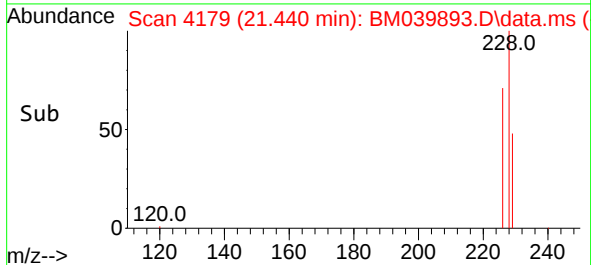
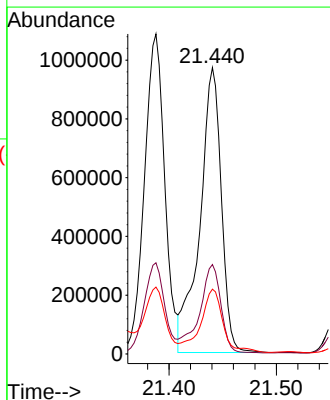
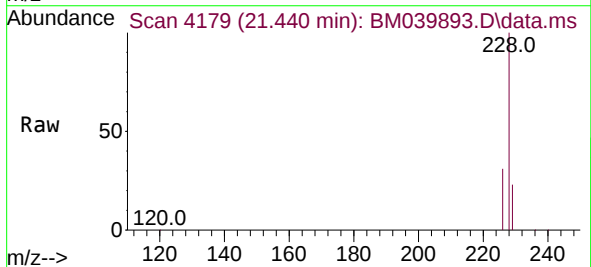
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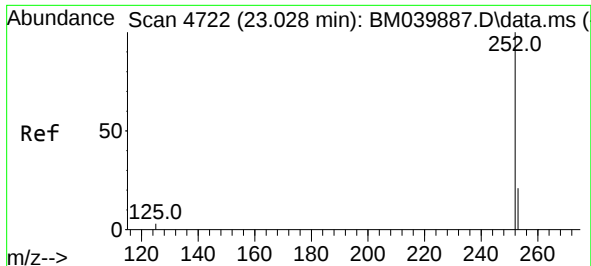
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#22
Chrysene
Concen: 96.050 ng/ul
RT: 21.440 min Scan# 4179
Delta R.T. 0.008 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

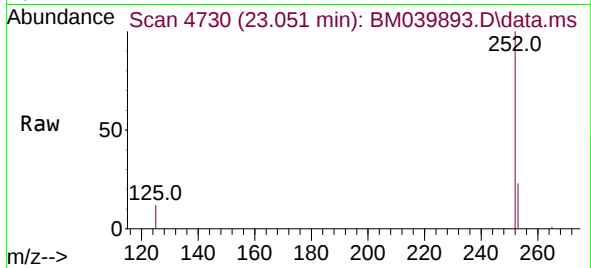
Tgt Ion:228 Resp: 1346662
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 60.774 ng/ul
RT: 23.051 min Scan# 4730
Delta R.T. 0.023 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

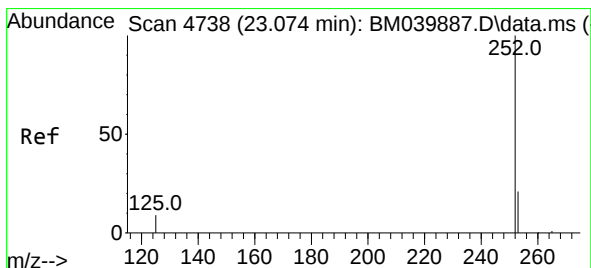
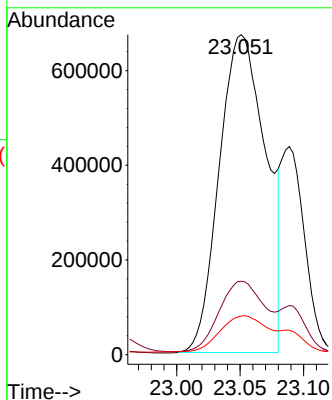
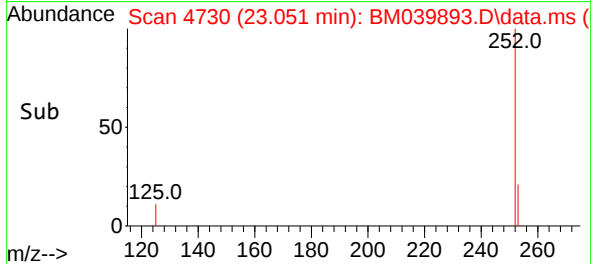
Instrument :
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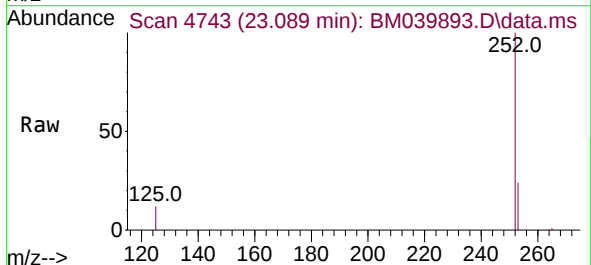
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Ion Ratio Lower Upper
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253 23.0 0.0 52.8
125 12.1 0.0 31.6

Manual Integrations
APPROVED

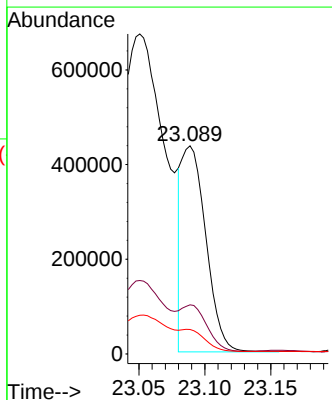
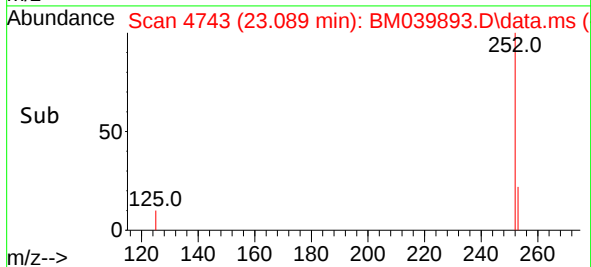
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

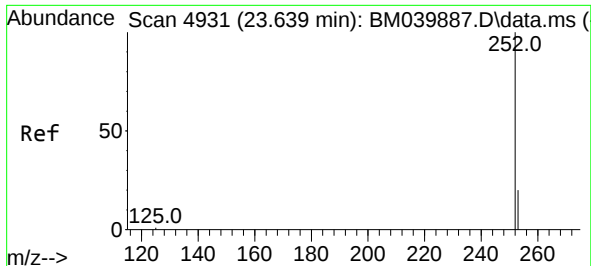


#25
Benzo(k)fluoranthene
Concen: 19.295 ng/ul m
RT: 23.089 min Scan# 4743
Delta R.T. 0.014 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45



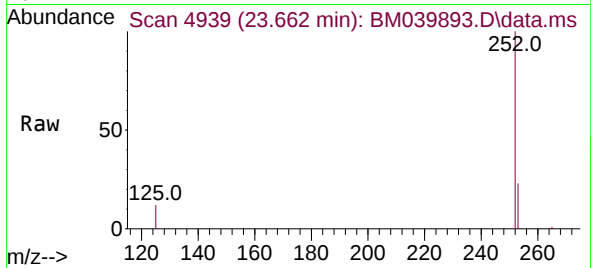
Tgt Ion:252 Resp: 555137
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 11.8 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 47.230 ng/ul
RT: 23.662 min Scan# 4931
Delta R.T. 0.023 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

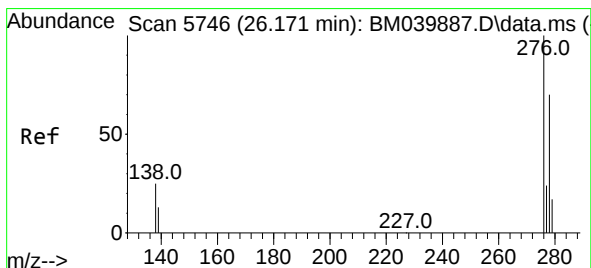
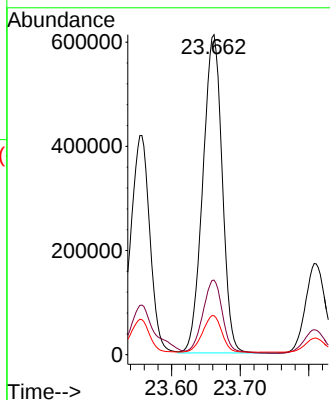
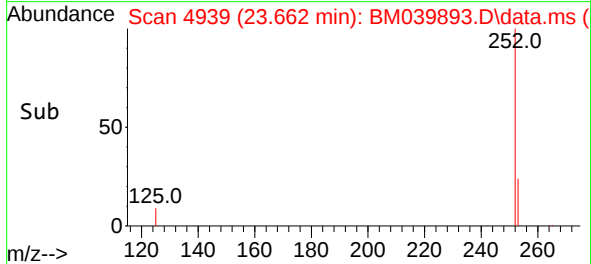
Instrument :
BNA_M
ClientSampleId :
EW948



Tgt Ion:252 Resp: 1198224
Ion Ratio Lower Upper
252 100
253 23.3 24.7 37.1
125 12.2 16.5 24.7

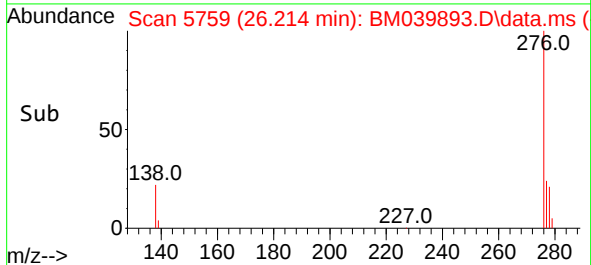
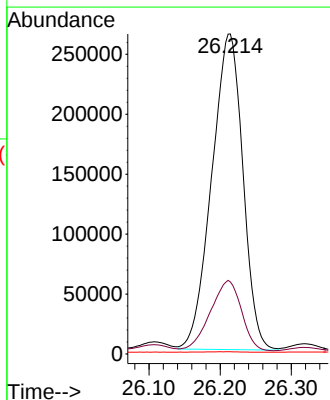
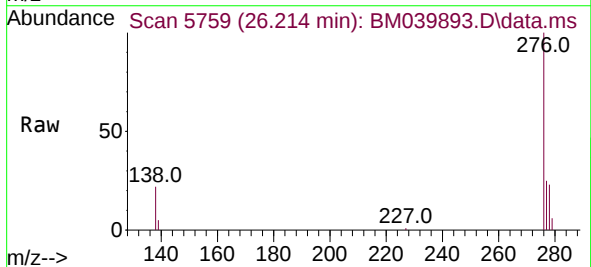
Manual Integrations
APPROVED

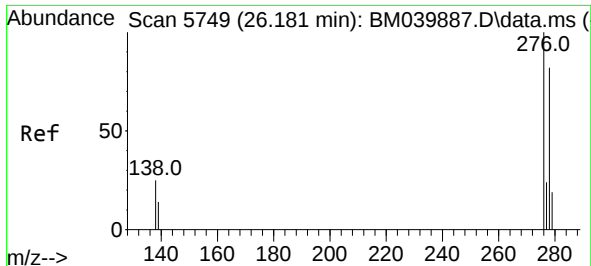
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 24.969 ng/ul
RT: 26.214 min Scan# 5759
Delta R.T. 0.043 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

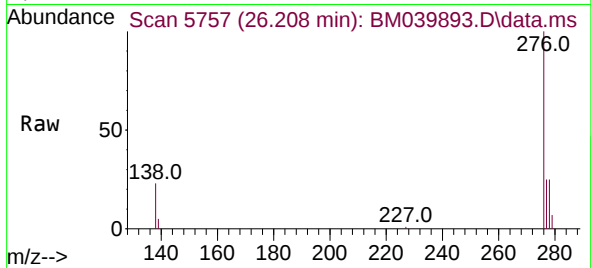
Tgt Ion:276 Resp: 800989
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 8.741 ng/ul
RT: 26.208 min Scan# 51
Delta R.T. 0.027 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45

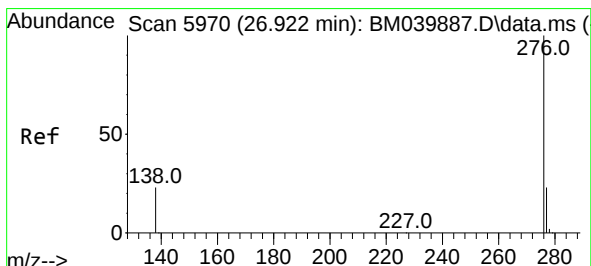
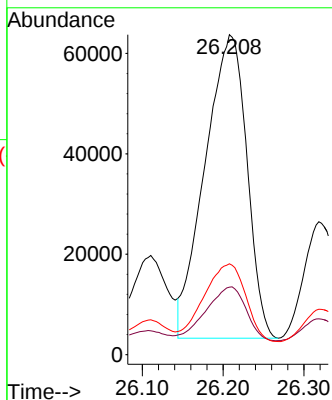
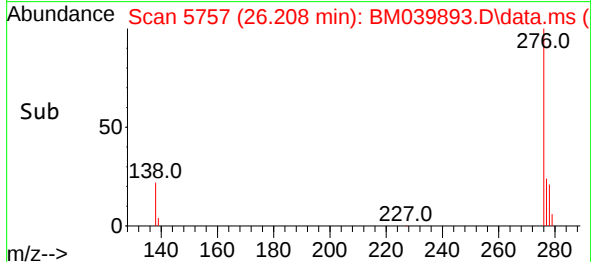
Instrument :
BNA_M
ClientSampleId :
EW948



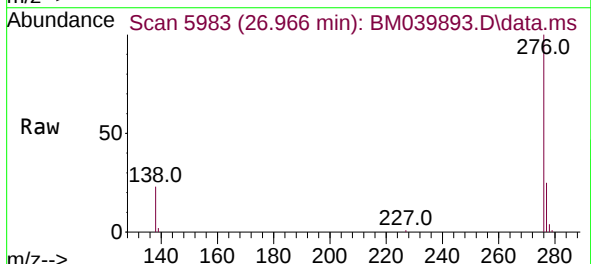
Tgt Ion:278 Resp: 217639
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 28.4 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#29
Benzo(g,h,i)perylene
Concen: 23.548 ng/ul
RT: 26.966 min Scan# 5983
Delta R.T. 0.043 min
Lab File: BM039893.D
Acq: 09 May 2023 14:45



Tgt Ion:276 Resp: 658236
Ion Ratio Lower Upper
276 100
138 23.2 20.1 30.1
277 24.9 20.1 30.1

