

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039778.D
 Acq On : 01 May 2023 15:32
 Operator : CG/JU
 Sample : 02374-02DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9D6DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:25:58 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 Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3492	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	13034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	7694	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16264	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	13355	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	10916	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3568	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	788	0.047	ng/ul	0.03
18) Fluoranthene-d10	19.234	212	2011	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	793	0.024	ng/ul#	62
10) Acenaphthylene	14.169	152	1588	0.053	ng/ul#	82
11) Acenaphthene	14.511	153	1812	0.077	ng/ul	98
12) Fluorene	15.506	166	1574	0.061	ng/ul#	96
15) Phenanthrene	17.242	178	43848	1.023	ng/ul	99
16) Anthracene	17.335	178	8015	0.218	ng/ul	96
19) Fluoranthene	19.267	202	115824	2.431	ng/ul	97
20) Pyrene	19.624	202	112016	2.177	ng/ul	99
21) Benzo(a)anthracene	21.379	228	52507	1.367	ng/ul	98
22) Chrysene	21.432	228	61263	1.410	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	71639m	1.869	ng/ul	
25) Benzo(k)fluoranthene	23.074	252	26118m	0.669	ng/ul	
26) Benzo(a)pyrene	23.638	252	41906	1.218	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.174	276	29218	0.671	ng/ul	90
28) Dibenzo(a,h)anthracene	26.177	278	6634	0.196	ng/ul#	85
29) Benzo(g,h,i)perylene	26.922	276	22911	0.604	ng/ul	99

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

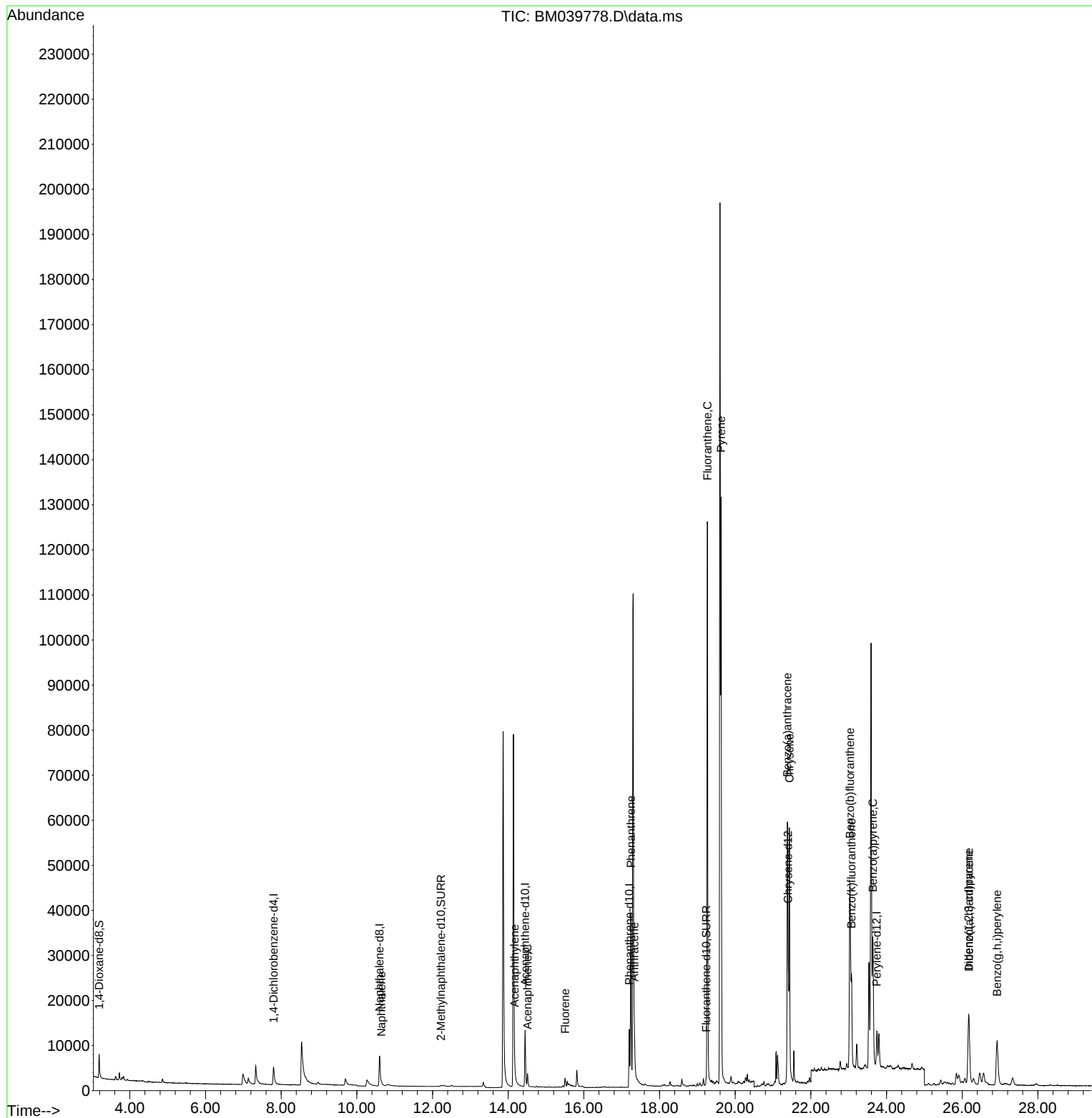
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039778.D
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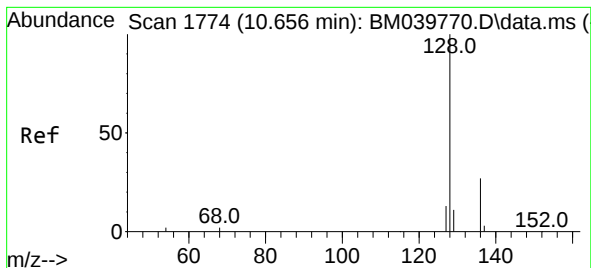
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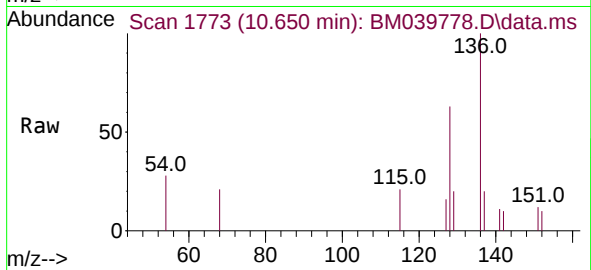
Quant Time: May 02 01:25:58 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

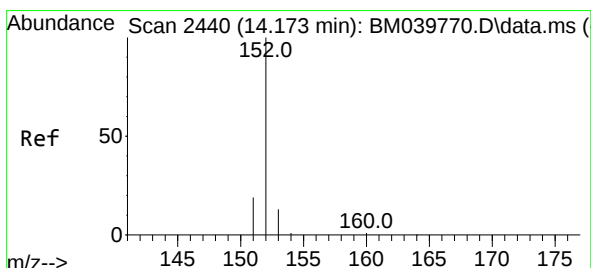
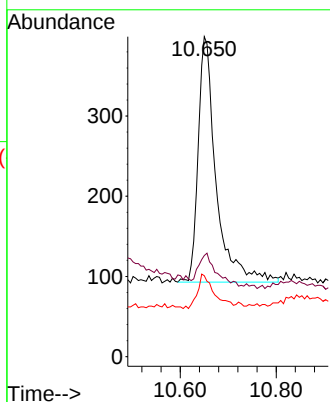
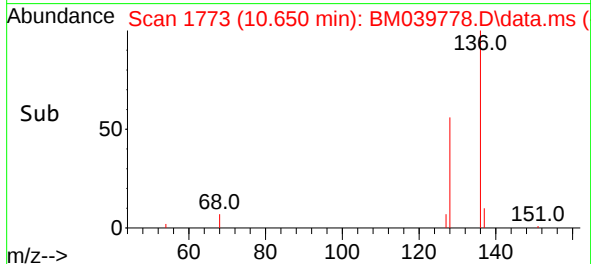
Instrument :
BNA_M
ClientSampleId :
CB9D6DL



Tgt Ion:128 Resp: 79
Ion Ratio Lower Upper
128 100
129 31.6 9.8 14.6
127 25.3 11.1 16.7

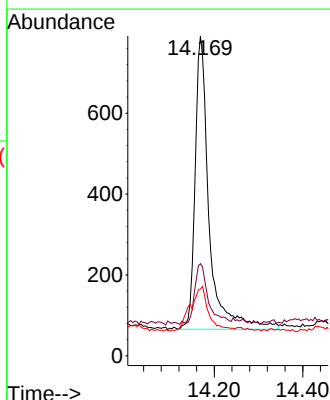
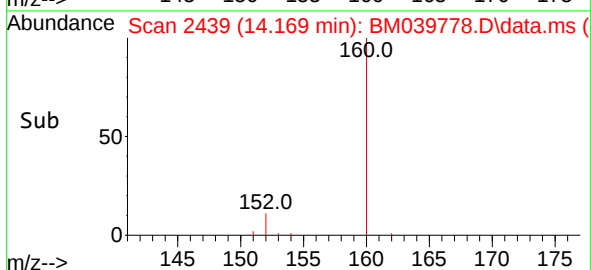
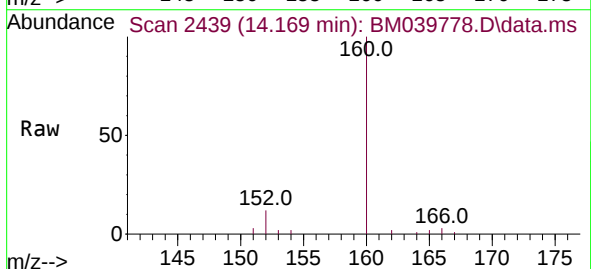
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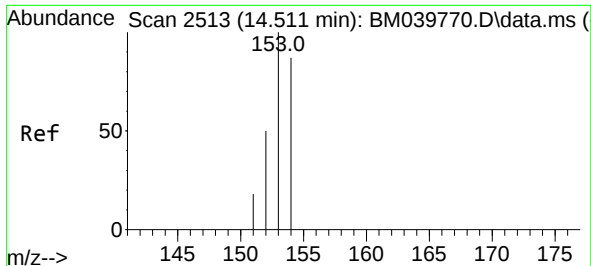
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

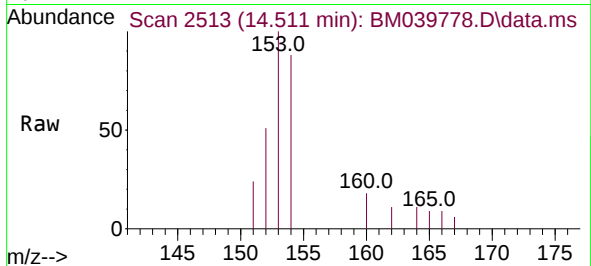
Tgt Ion:152 Resp: 1588
Ion Ratio Lower Upper
152 100
151 28.8 16.0 24.0#
153 20.9 11.2 16.8#





#11
Acenaphthene
Concen: 0.077 ng/u1
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

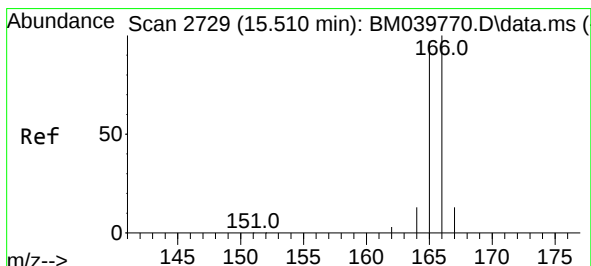
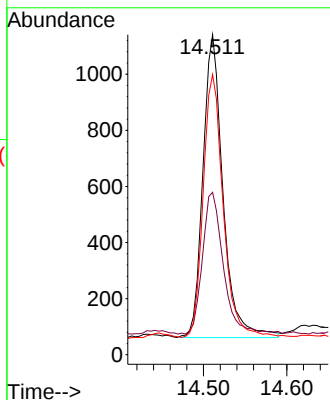
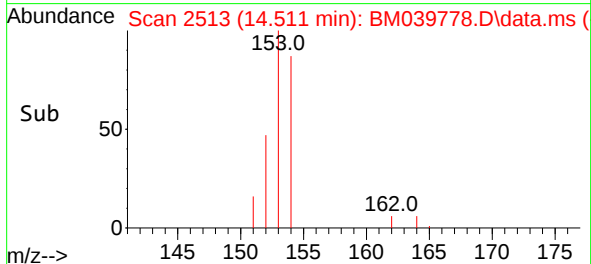
Instrument :
BNA_M
ClientSampleId :
CB9D6DL



Tgt Ion:153 Resp: 181
Ion Ratio Lower Upper
153 100
152 50.7 40.6 61.0
154 87.6 71.9 107.9

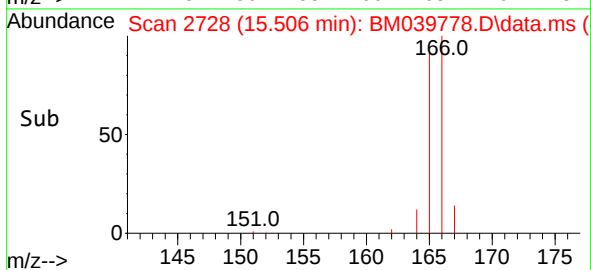
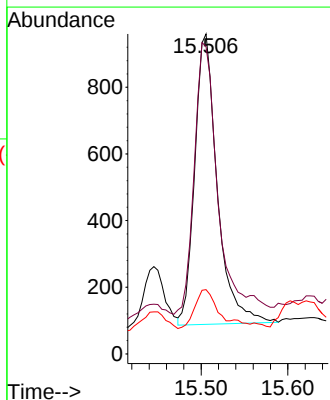
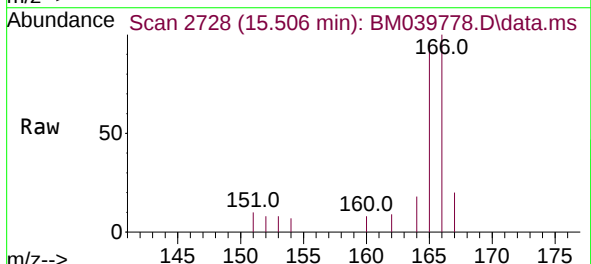
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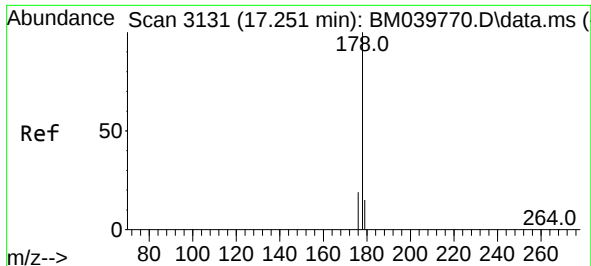
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 0.061 ng/u1
RT: 15.506 min Scan# 2728
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

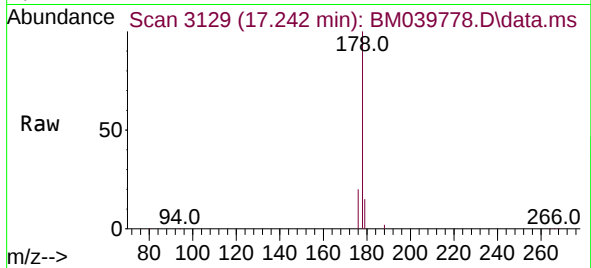
Tgt Ion:166 Resp: 1574
Ion Ratio Lower Upper
166 100
165 96.0 79.0 118.6
167 20.1 11.8 17.6#





#15
Phenanthrene
Concen: 1.023 ng/ul
RT: 17.242 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

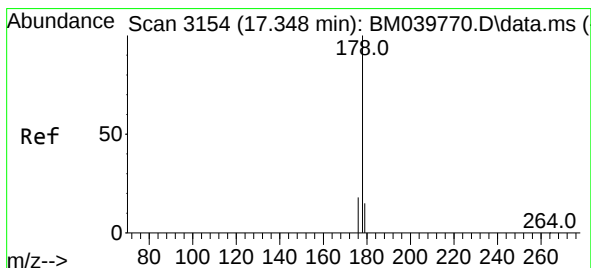
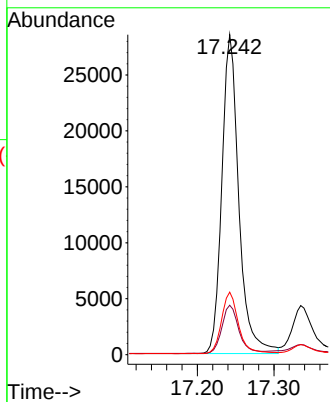
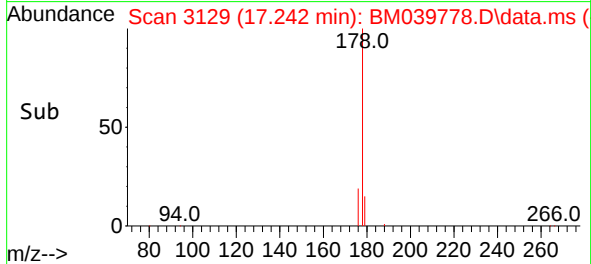
Instrument :
BNA_M
ClientSampleId :
CB9D6DL



Tgt Ion:178 Resp: 4384
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 15.8 23.8

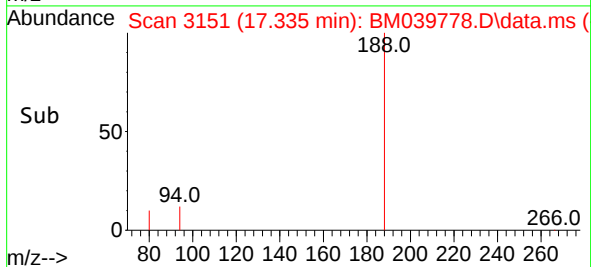
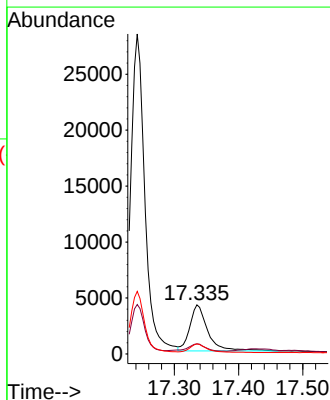
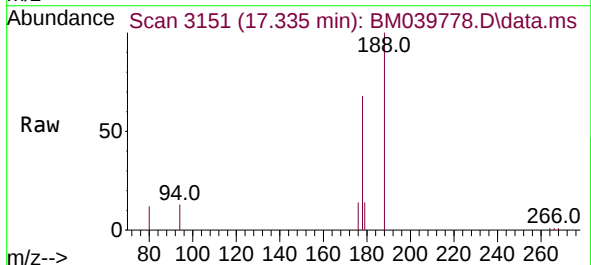
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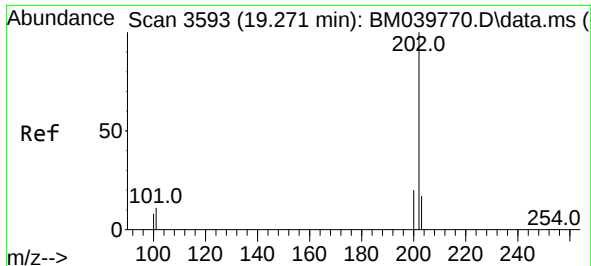
Reviewed By :Christian Giraldo 05/02/2023
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#16
Anthracene
Concen: 0.218 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

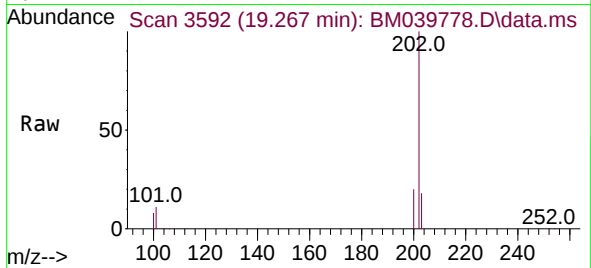
Tgt Ion:178 Resp: 8015
Ion Ratio Lower Upper
178 100
179 20.5 13.8 20.6
176 20.5 15.8 23.8





#19
Fluoranthene
Concen: 2.431 ng/u1
RT: 19.267 min Scan# 3592
Delta R.T. 0.000 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

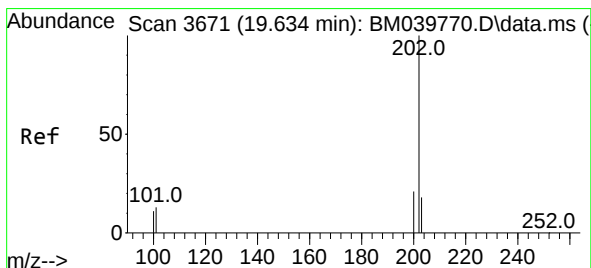
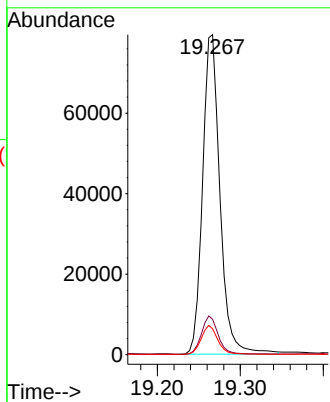
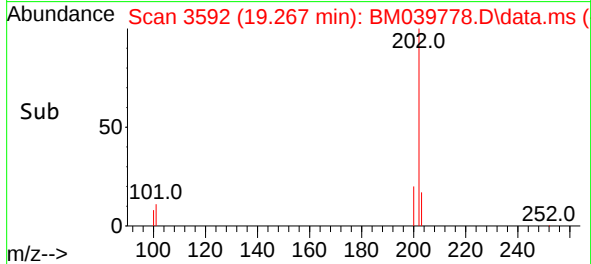
Instrument :
BNA_M
ClientSampleId :
CB9D6DL



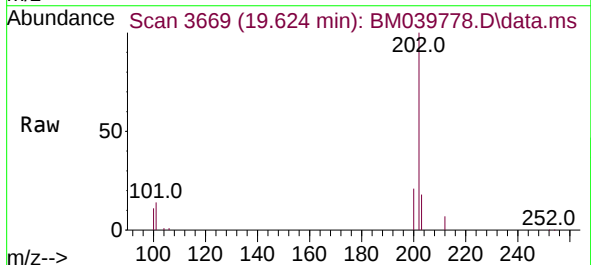
Tgt Ion:202 Resp: 115824
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.1 7.3 10.9

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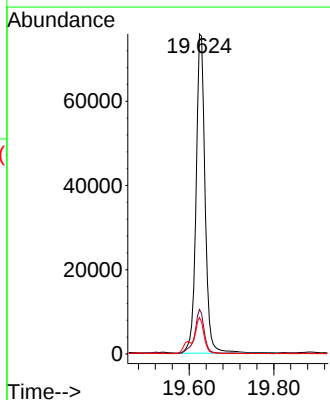
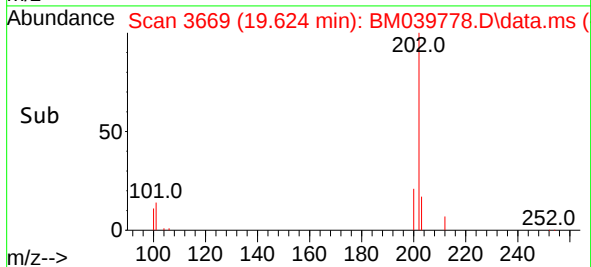
Reviewed By :Christian Giraldo 05/02/2023
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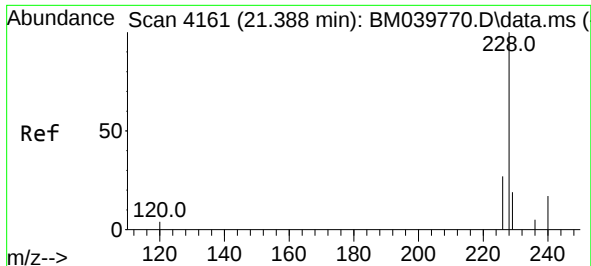


#20
Pyrene
Concen: 2.177 ng/u1
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32



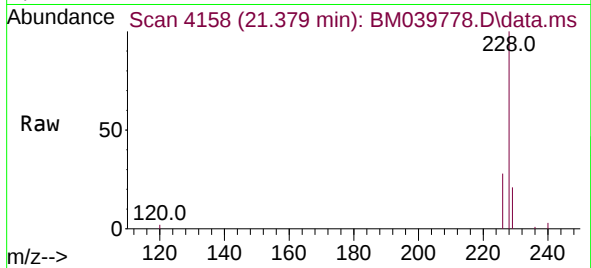
Tgt Ion:202 Resp: 112016
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 1.367 ng/ul
RT: 21.379 min Scan# 4161
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

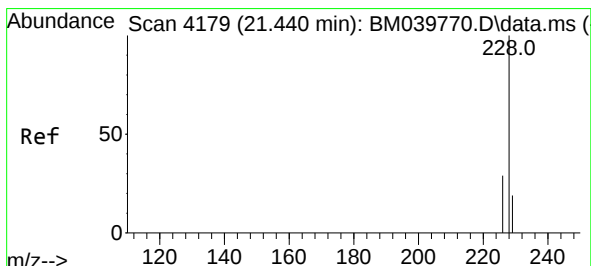
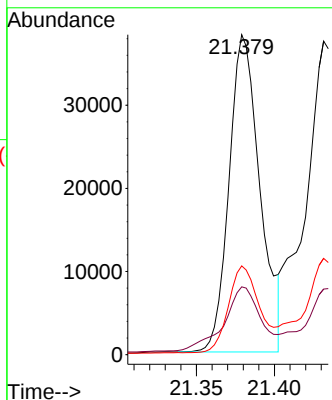
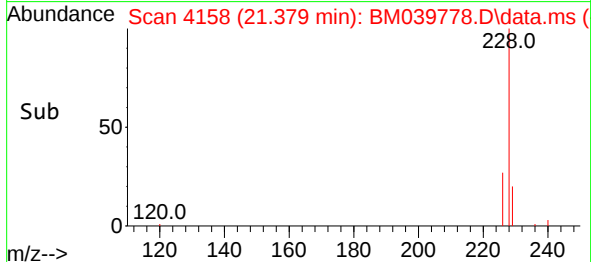
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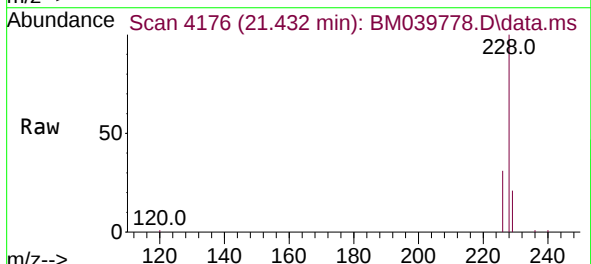
Tgt Ion:228 Resp: 5250
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 27.7 21.6 32.4

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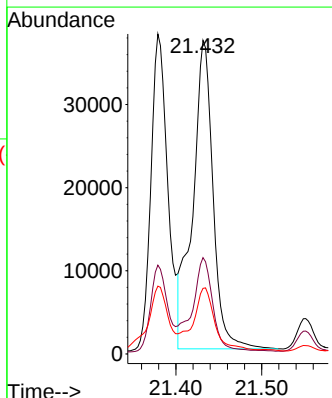
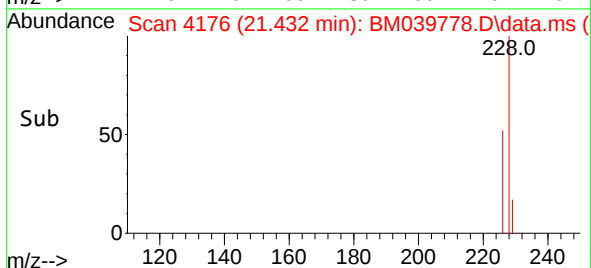
Reviewed By :Christian Giraldo 05/02/2023
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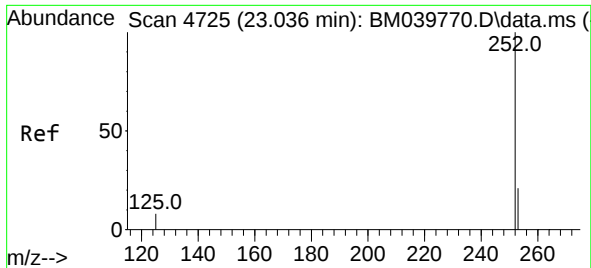


#22
Chrysene
Concen: 1.410 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32



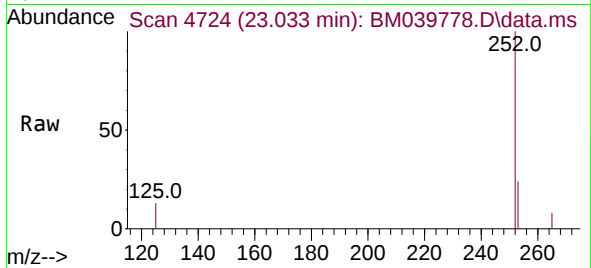
Tgt Ion:228 Resp: 61263
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 20.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.869 ng/ul m
RT: 23.033 min Scan# 4725
Delta R.T. 0.001 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

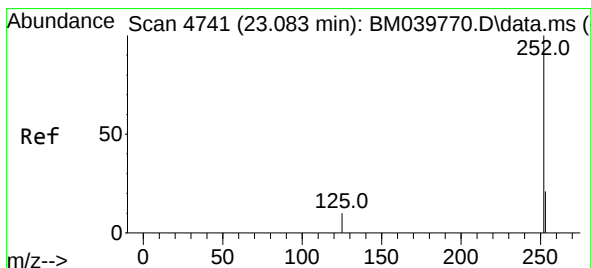
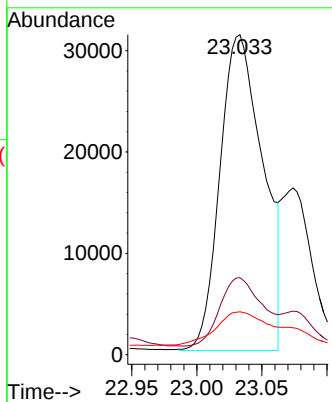
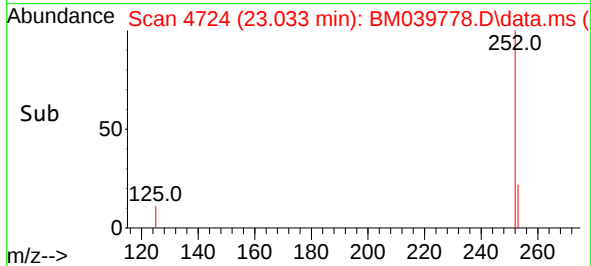
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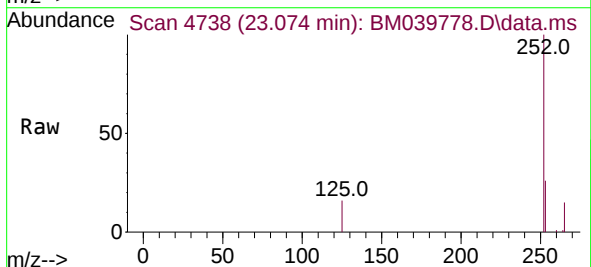
Tgt Ion:252 Resp: 71639
Ion Ratio Lower Upper
252 100
253 24.0 0.0 52.8
125 13.4 0.0 31.6

Manual Integrations
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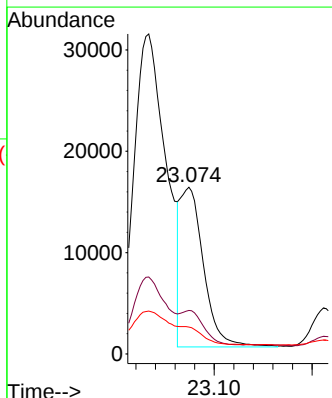
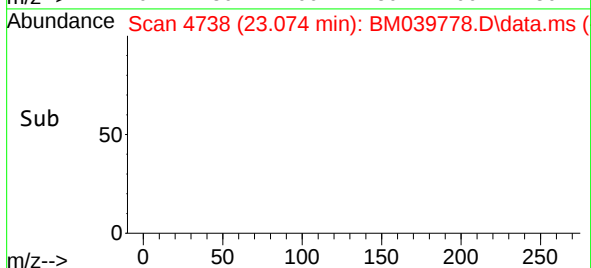
Reviewed By :Christian Giraldo 05/02/2023
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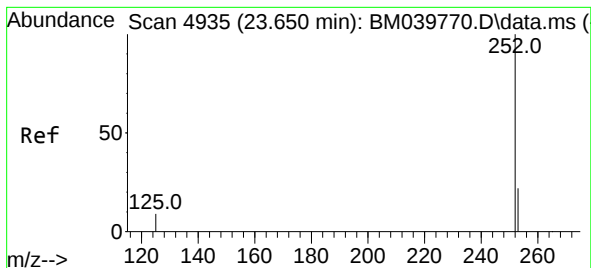


#25
Benzo(k)fluoranthene
Concen: 0.669 ng/ul m
RT: 23.074 min Scan# 4738
Delta R.T. -0.004 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32



Tgt Ion:252 Resp: 26118
Ion Ratio Lower Upper
252 100
253 26.1 21.3 31.9
125 16.1 13.0 19.6





#26

Benzo(a)pyrene

Concen: 1.218 ng/ul

RT: 23.638 min Scan# 4935

Delta R.T. -0.004 min

Lab File: BM039778.D

Acq: 01 May 2023 15:32

Instrument :

BNA_M

ClientSampleId :

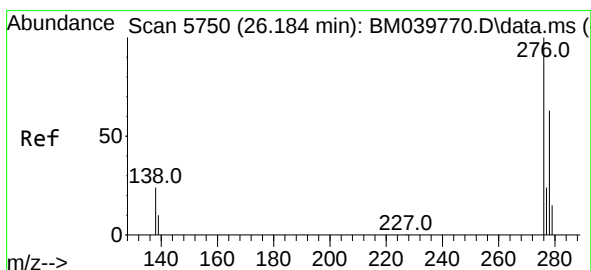
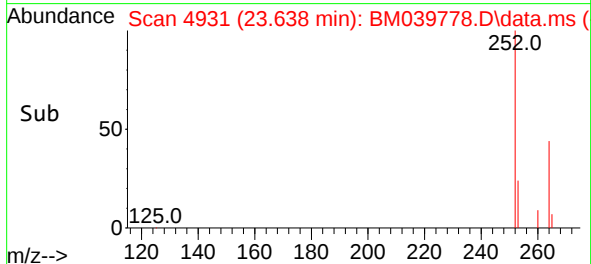
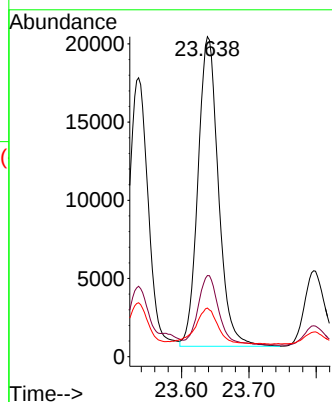
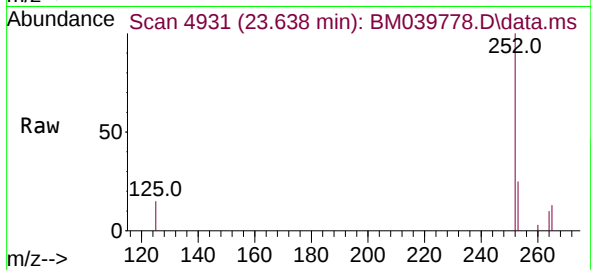
CB9D6DL

Tgt Ion:	252	Resp:	41900
Ion Ratio	Lower	Upper	
252	100		
253	25.3	24.7	37.1
125	15.2	16.5	24.7

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.671 ng/ul

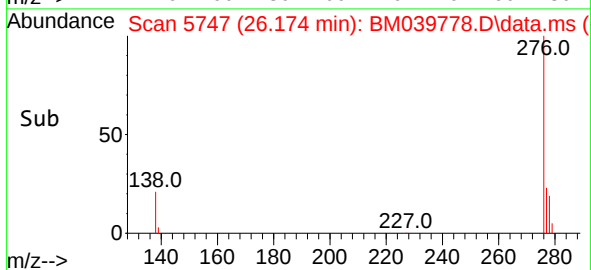
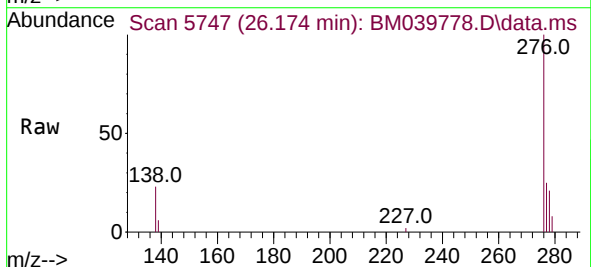
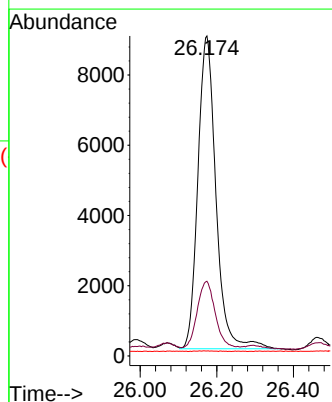
RT: 26.174 min Scan# 5747

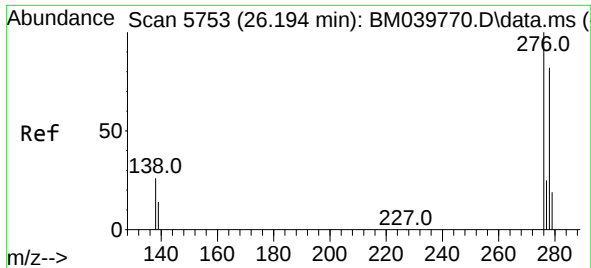
Delta R.T. -0.005 min

Lab File: BM039778.D

Acq: 01 May 2023 15:32

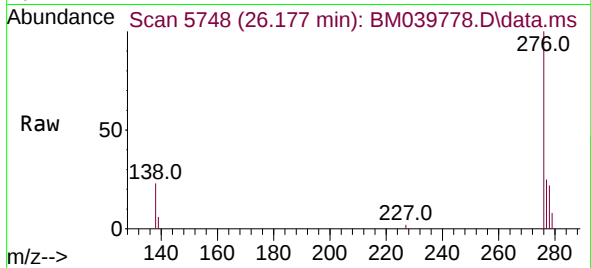
Tgt Ion:	276	Resp:	29218
Ion Ratio	Lower	Upper	
276	100		
138	21.4	21.1	31.7
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 26.177 min Scan# 5748
Delta R.T. -0.012 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

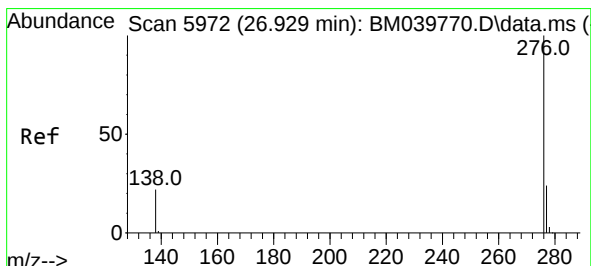
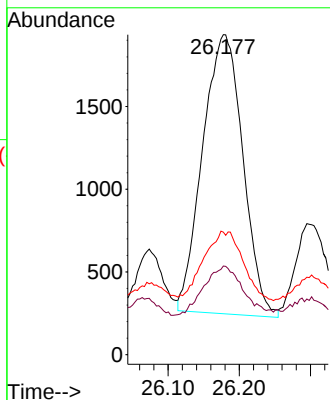
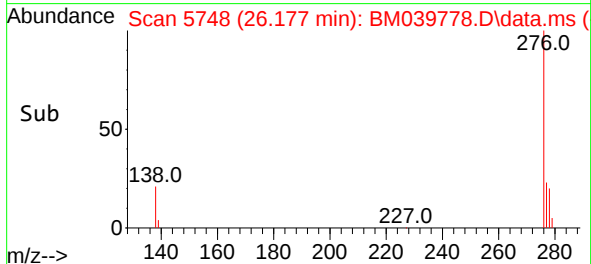
Instrument :
BNA_M
ClientSampleId :
CB9D6DL



Tgt Ion:278 Resp: 6634
Ion Ratio Lower Upper
278 100
139 27.7 17.0 25.6
279 38.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#29
Benzo(g,h,i)perylene
Concen: 0.604 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. 0.002 min
Lab File: BM039778.D
Acq: 01 May 2023 15:32

Tgt Ion:276 Resp: 22911
Ion Ratio Lower Upper
276 100
138 24.4 20.1 30.1
277 25.7 20.1 30.1

