

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039785.D
 Acq On : 01 May 2023 19:49
 Operator : CG/JU
 Sample : 02418-27
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW901

Manual Integrations
 APPROVED

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

Quant Time: May 02 01:27:10 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	7.791	152	3816	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	14032	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7898	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13975	0.400	ng/ul	0.00
17) Chrysene-d12	21.402	240	6256	0.400	ng/ul	# 0.00
23) Perylene-d12	23.752	264	8607	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	12325	2.192	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	4176	0.232	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	5637	0.335	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.639	128	91818	2.606	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	34011	1.672	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	31634	1.450	ng/ul	100
10) Acenaphthylene	14.168	152	56998	1.865	ng/ul	99
11) Acenaphthene	14.511	153	83770	3.489	ng/ul	98
12) Fluorene	15.501	166	164098	6.160	ng/ul	98
15) Phenanthrene	17.246	178	1814829	49.292	ng/ul	99
16) Anthracene	17.335	178	327644	10.364	ng/ul	97
19) Fluoranthene	19.271	202	1984645	88.922	ng/ul	100
20) Pyrene	19.634	202	1488519	61.759	ng/ul	98
21) Benzo(a)anthracene	21.385	228	766612	42.620	ng/ul	99
22) Chrysene	21.440	228	698986	34.339	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	916452	30.319	ng/ul	92
25) Benzo(k)fluoranthene	23.086	252	291289m	9.464	ng/ul	
26) Benzo(a)pyrene	23.656	252	573741	21.141	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.191	276	438937	12.791	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.197	278	115112	4.322	ng/ul	98
29) Benzo(g,h,i)perylene	26.942	276	343162	11.476	ng/ul	98

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

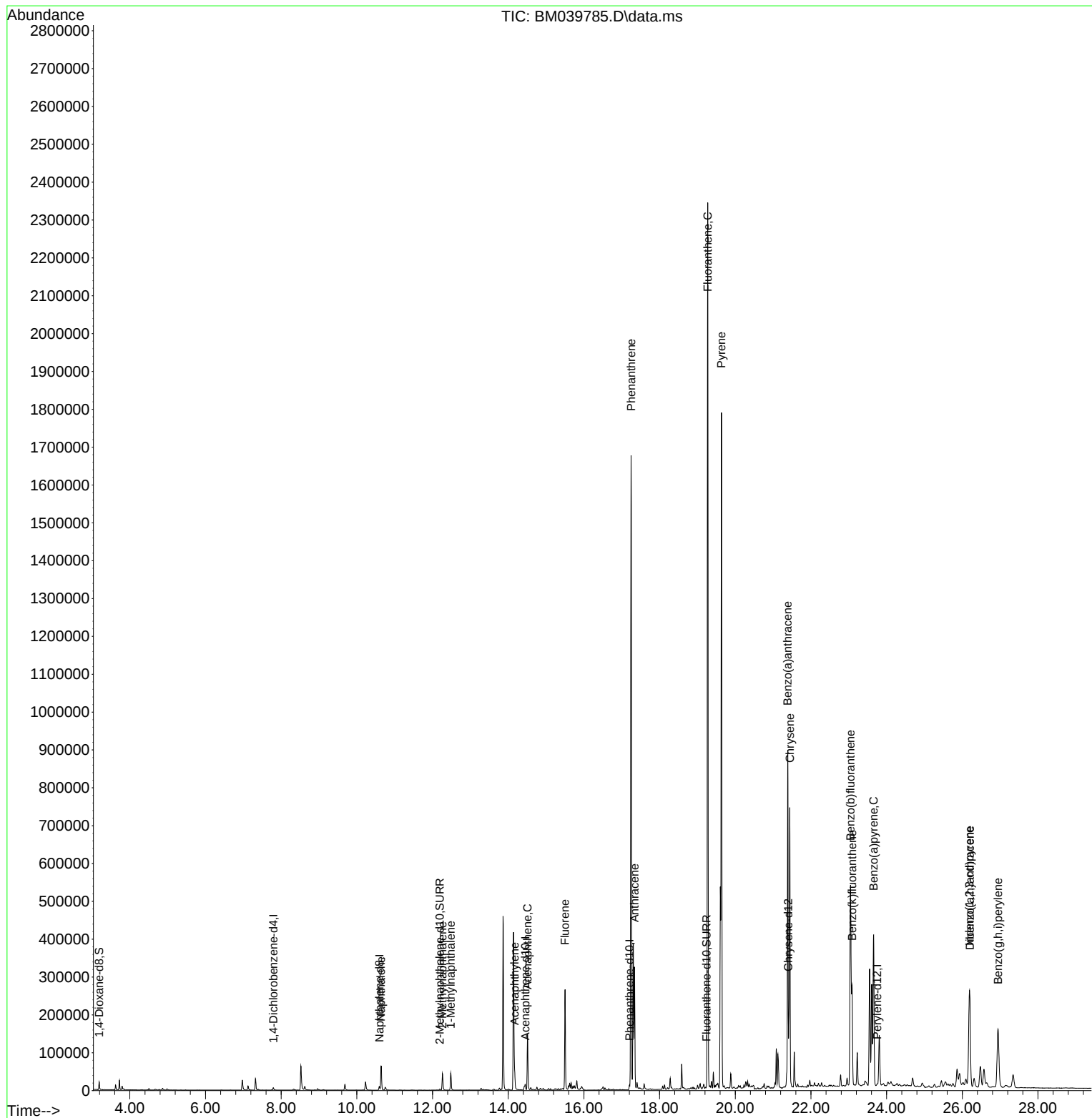
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039785.D
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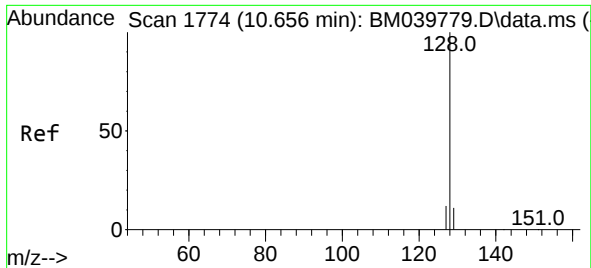
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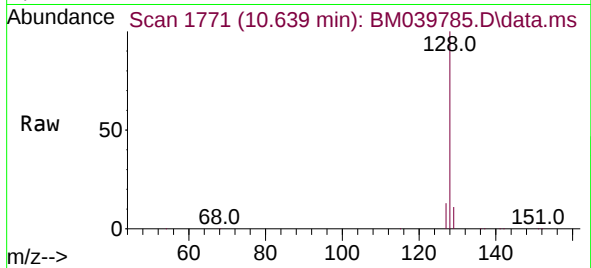
Quant Time: May 02 01:27:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.606 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.016 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

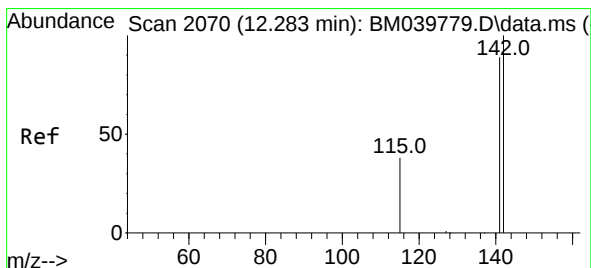
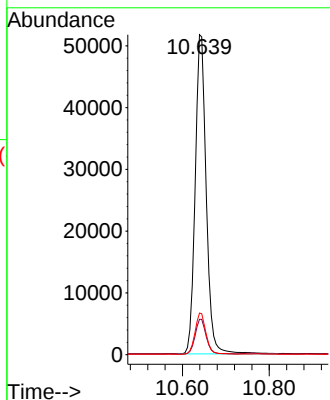
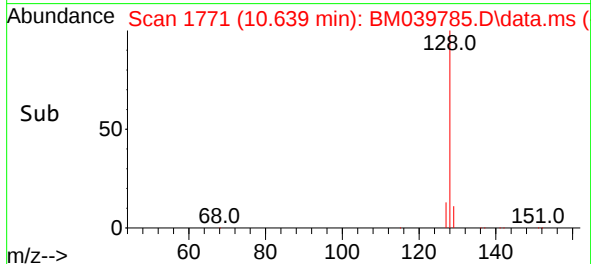
Instrument :
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ClientSampleId :
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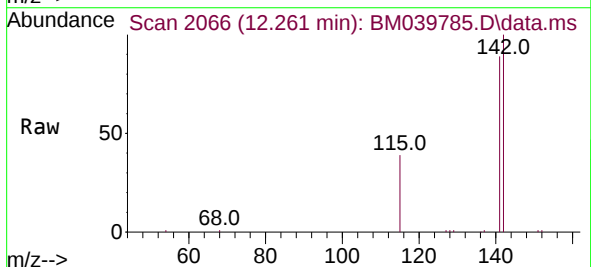
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Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 13.0 11.1 16.7

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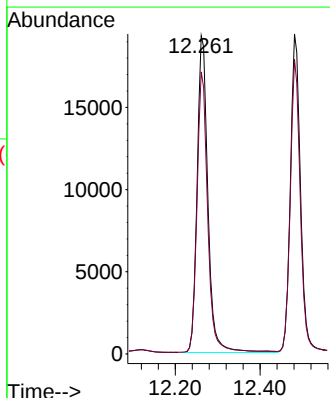
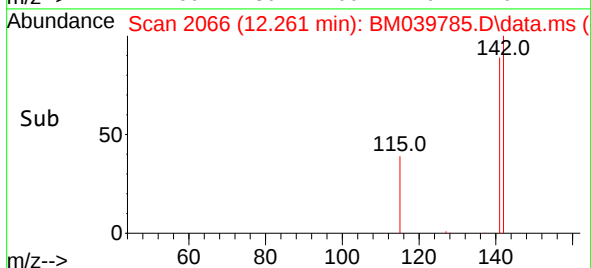
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

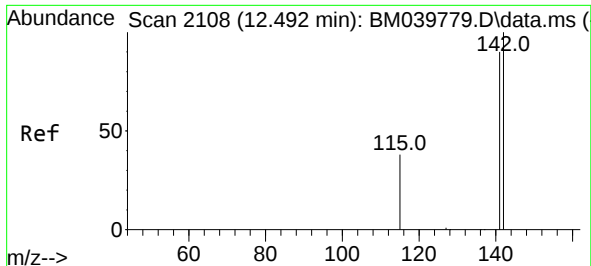


#7
2-Methylnaphthalene
Concen: 1.672 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.016 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



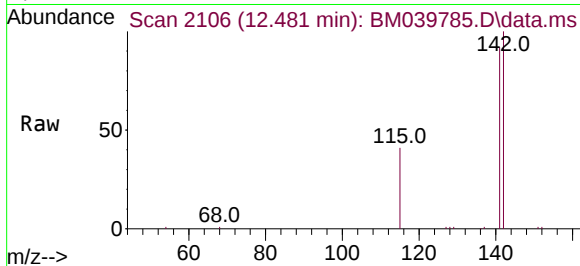
Tgt Ion:142 Resp: 34011
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.450 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

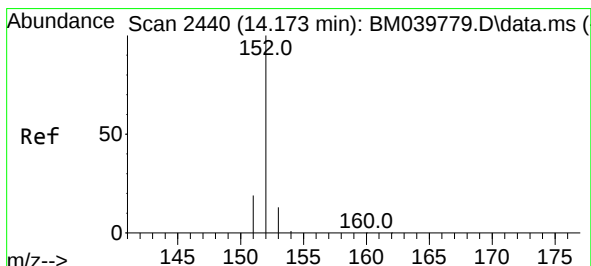
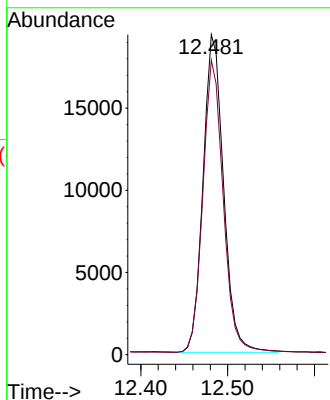
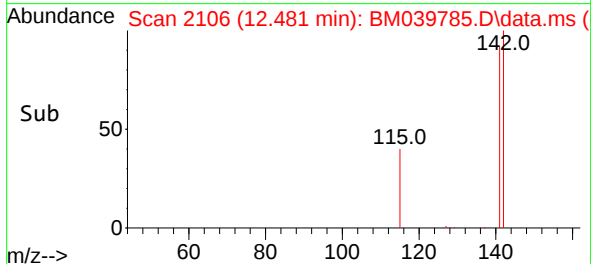
Instrument :
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Tgt Ion:142 Resp: 31634
Ion Ratio Lower Upper
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141 91.4 73.4 110.2

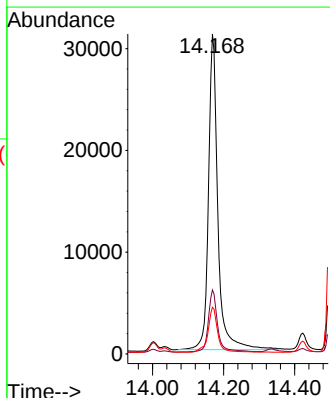
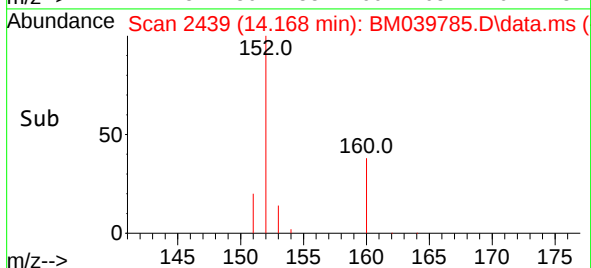
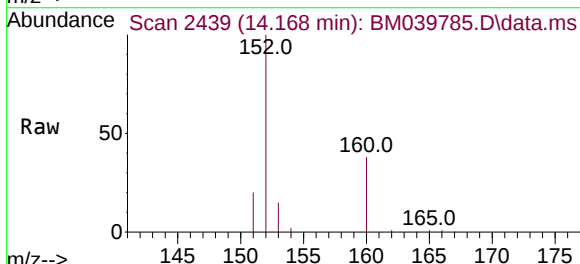
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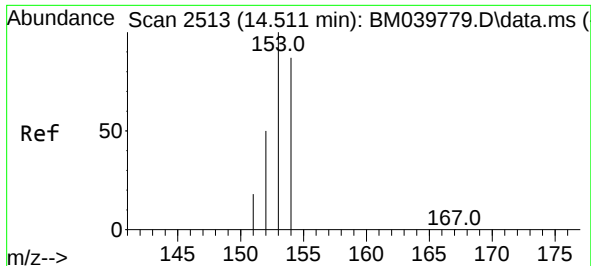
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 1.865 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

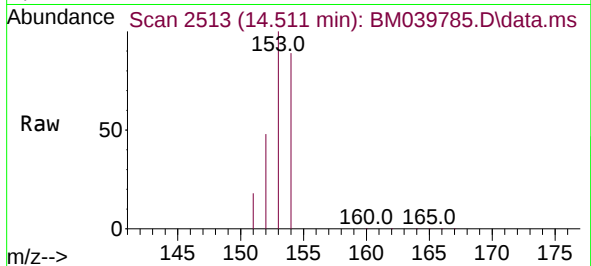
Tgt Ion:152 Resp: 56998
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.6 11.2 16.8





#11
Acenaphthene
Concen: 3.489 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

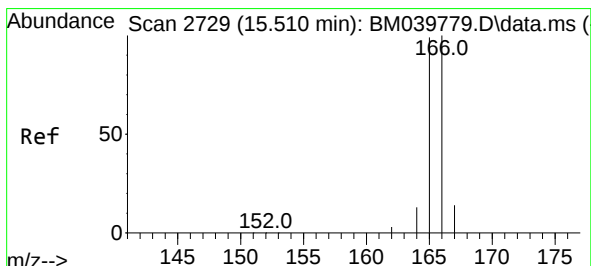
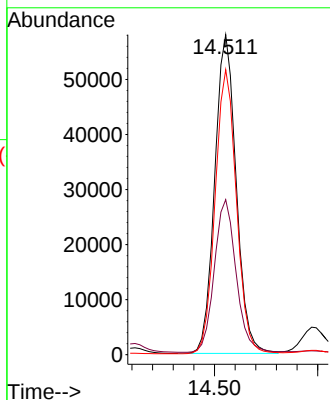
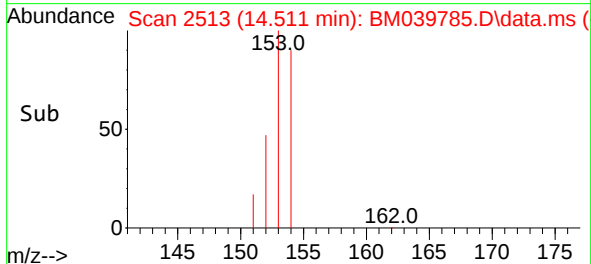
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 83770
Ion Ratio Lower Upper
153 100
152 48.4 40.6 61.0
154 89.1 71.9 107.9

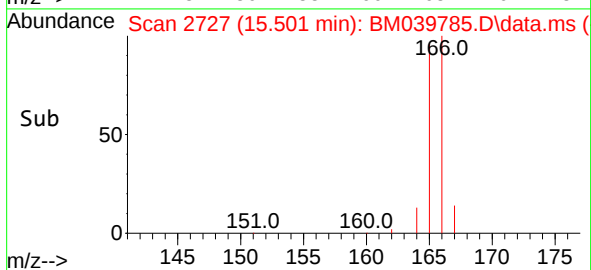
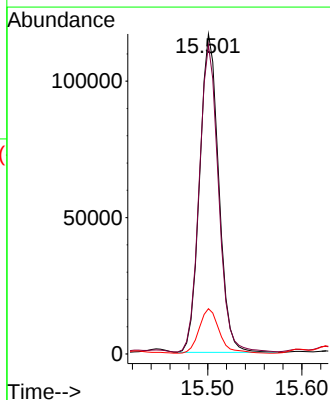
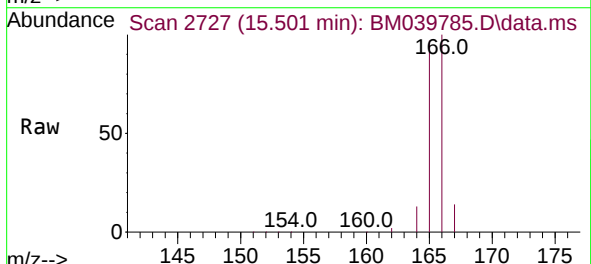
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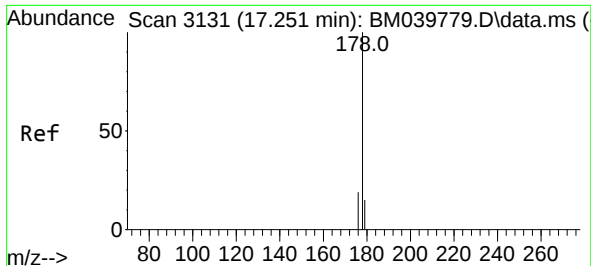
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 6.160 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

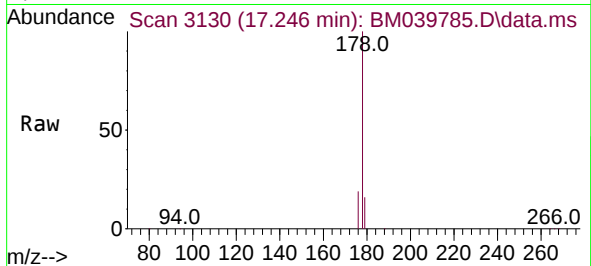
Tgt Ion:166 Resp: 164098
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 14.2 11.8 17.6





#15
Phenanthrene
Concen: 49.292 ng/ul
RT: 17.246 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

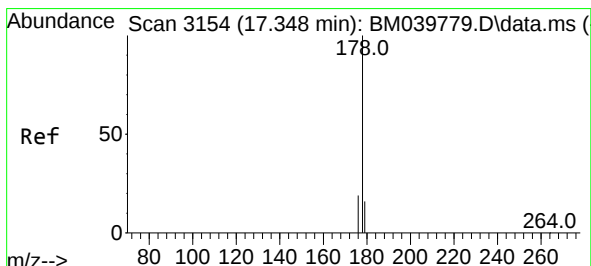
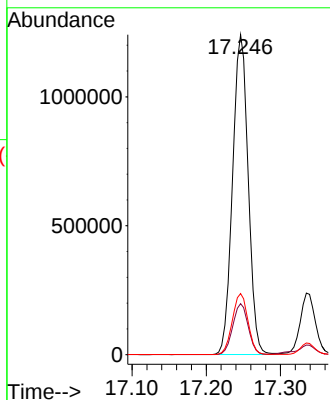
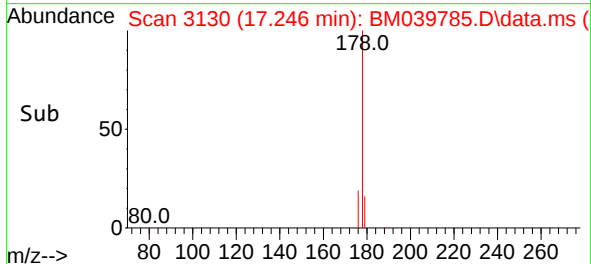
Instrument :
BNA_M
ClientSampleId :
EW901



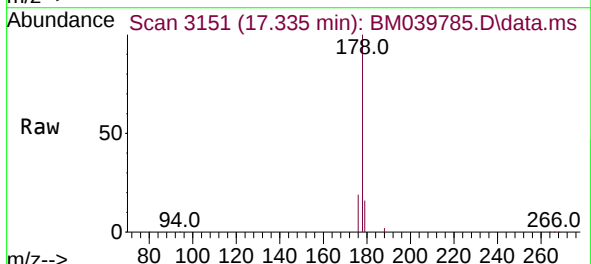
Tgt Ion:178 Resp: 1814829
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.1 15.8 23.8

Manual Integrations
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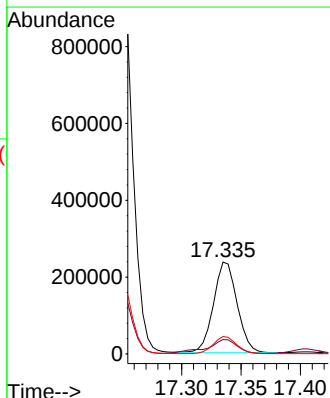
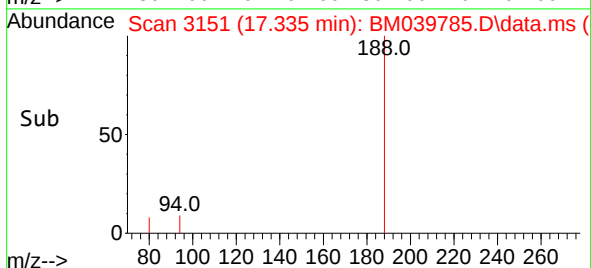
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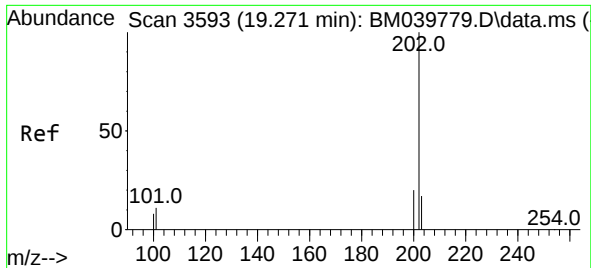


#16
Anthracene
Concen: 10.364 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



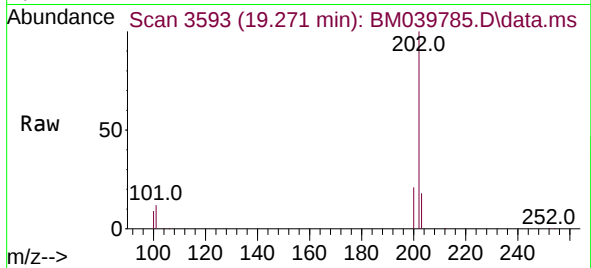
Tgt Ion:178 Resp: 327644
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.6
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 88.922 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

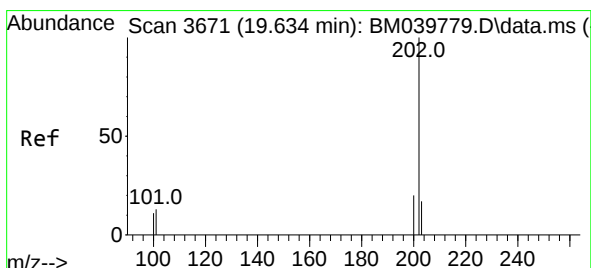
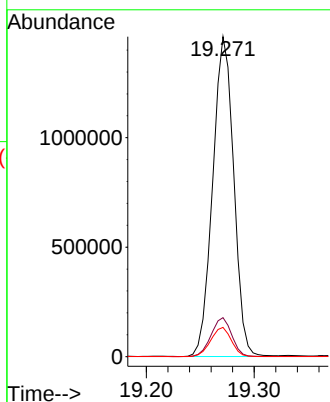
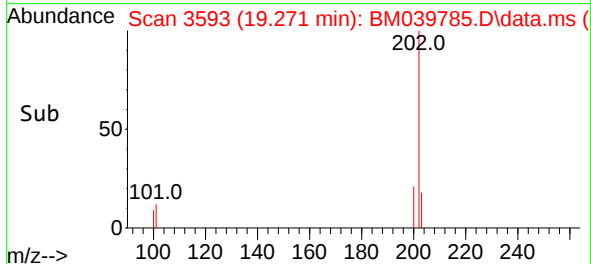
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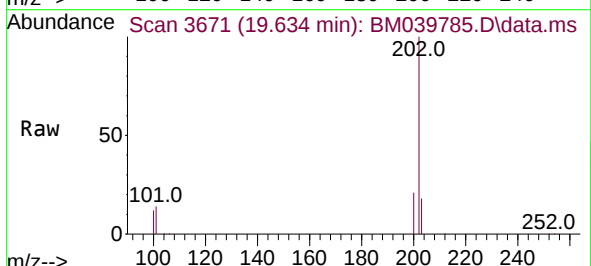
Tgt Ion:202 Resp: 198464
Ion Ratio Lower Upper
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100 9.1 7.3 10.9

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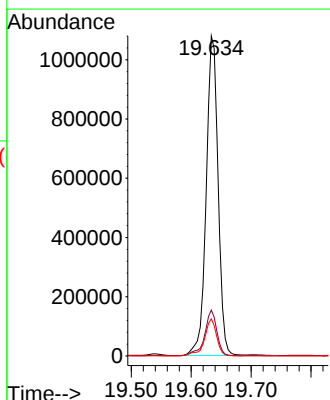
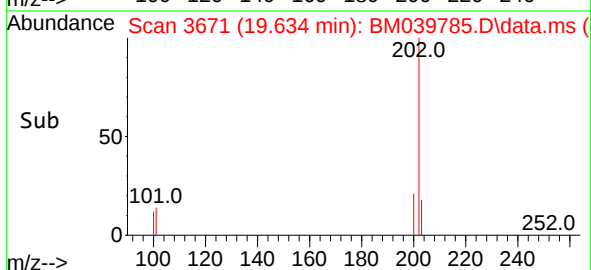
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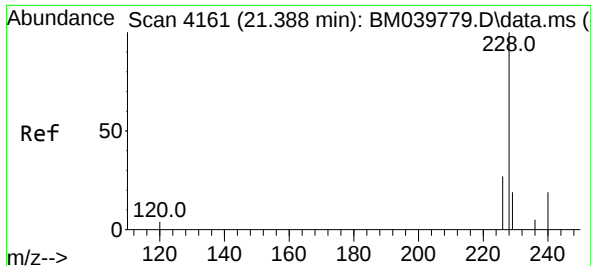


#20
Pyrene
Concen: 61.759 ng/u1
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



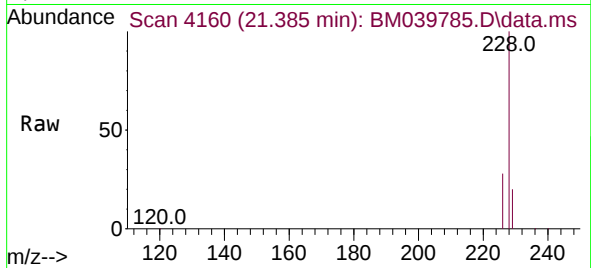
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Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 11.6 8.9 13.3





#21
Benzo(a)anthracene
Concen: 42.620 ng/u1
RT: 21.385 min Scan# 4161
Delta R.T. 0.001 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

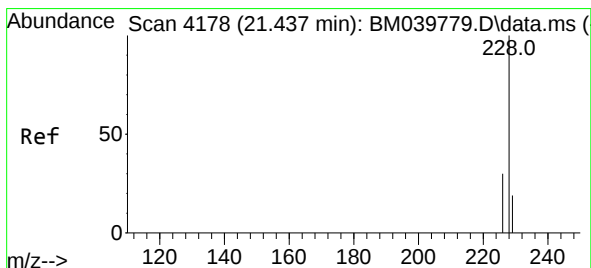
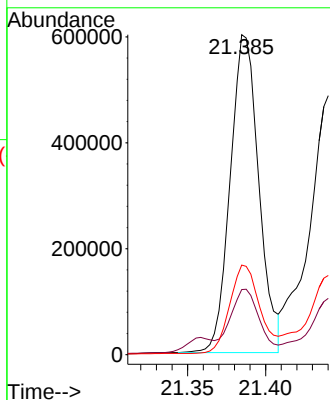
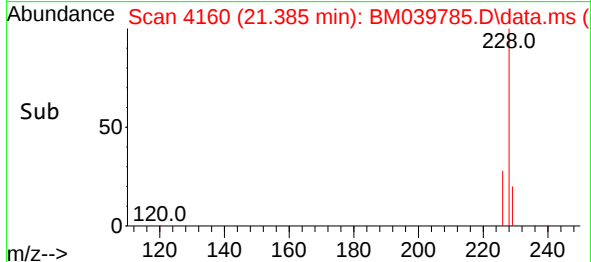
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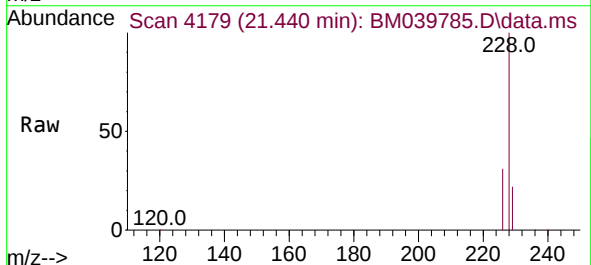
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Ion Ratio Lower Upper
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229 20.3 16.2 24.2
226 28.0 21.6 32.4

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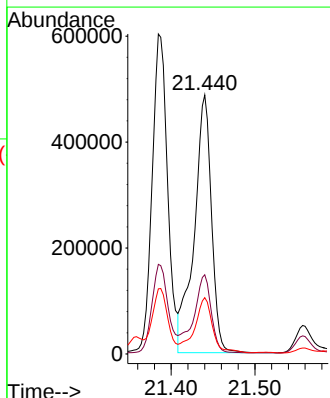
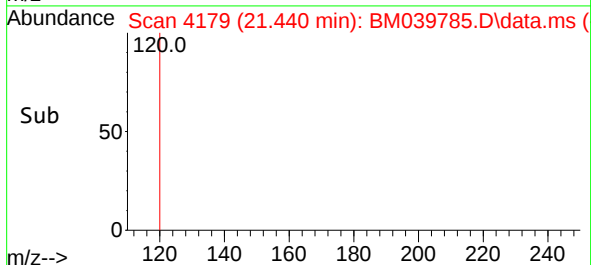
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

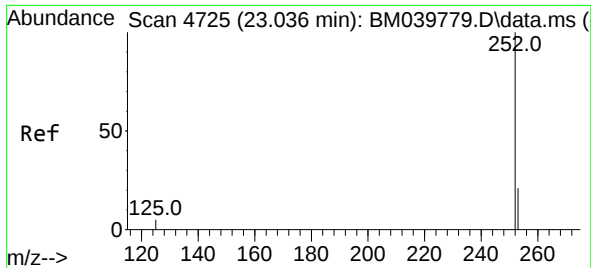


#22
Chrysene
Concen: 34.339 ng/u1
RT: 21.440 min Scan# 4179
Delta R.T. 0.004 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



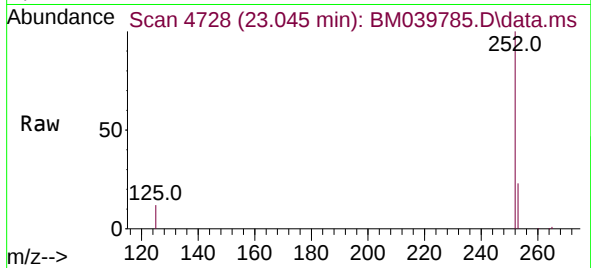
Tgt Ion:228 Resp: 698986
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 30.319 ng/ul
RT: 23.045 min Scan# 4728
Delta R.T. 0.013 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

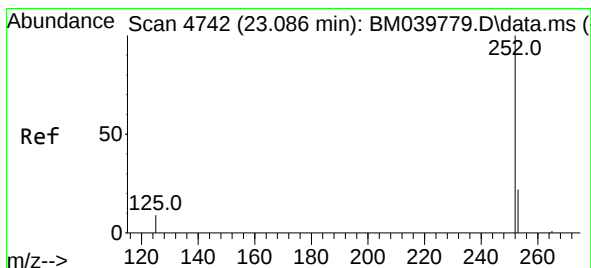
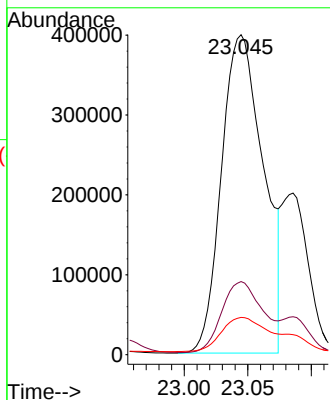
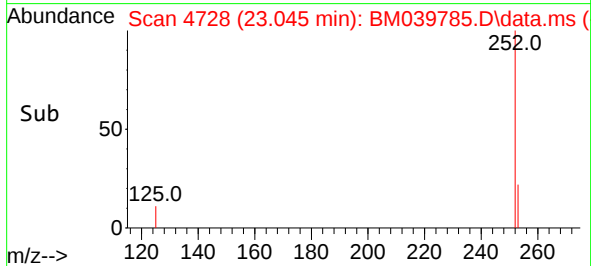
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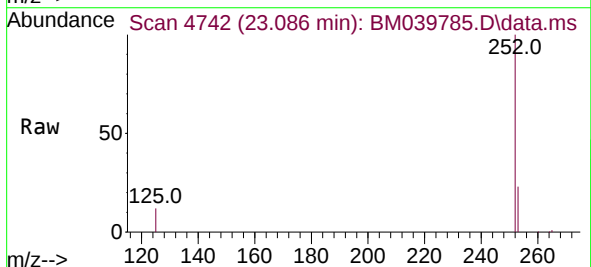
Tgt Ion:252 Resp: 916452
Ion Ratio Lower Upper
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253 22.9 0.0 52.8
125 11.7 0.0 31.6

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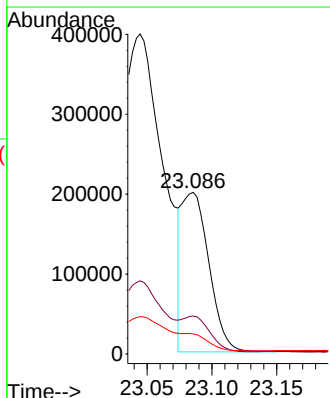
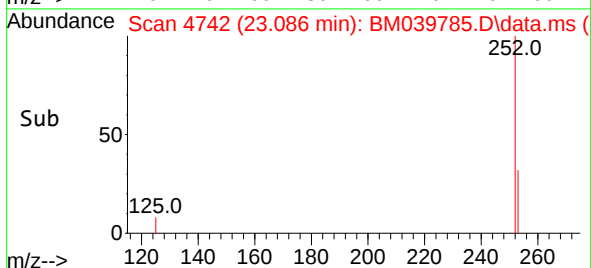
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

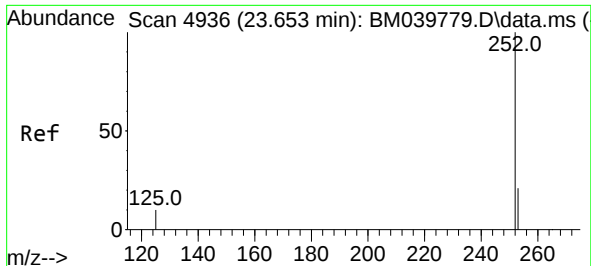


#25
Benzo(k)fluoranthene
Concen: 9.464 ng/ul m
RT: 23.086 min Scan# 4742
Delta R.T. 0.007 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



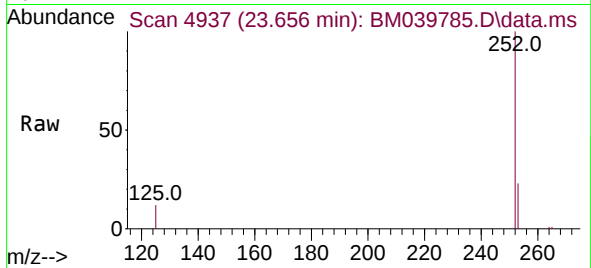
Tgt Ion:252 Resp: 291289
Ion Ratio Lower Upper
252 100
253 23.4 21.3 31.9
125 12.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 21.141 ng/ul
RT: 23.656 min Scan# 4937
Delta R.T. 0.013 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

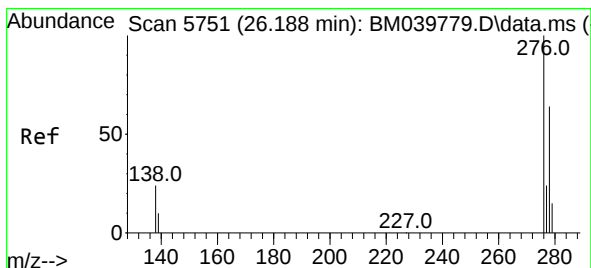
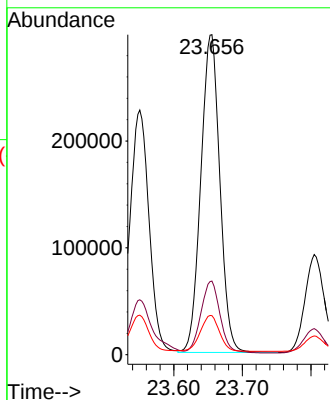
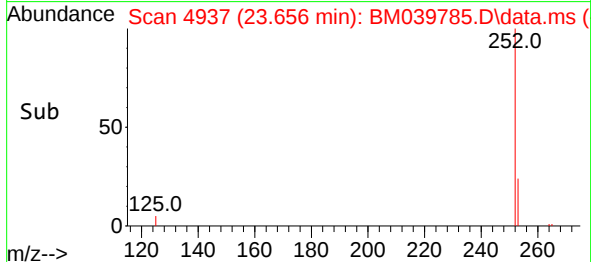
Instrument :
BNA_M
ClientSampleId :
EW901



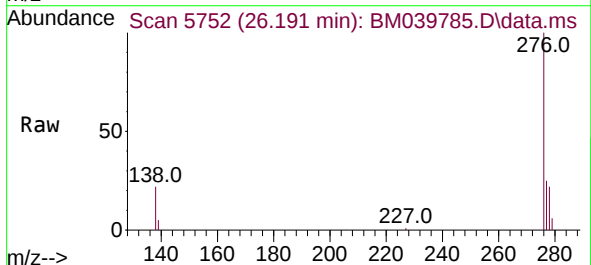
Tgt Ion:252 Resp: 57374
Ion Ratio Lower Upper
252 100
253 23.0 24.7 37.1
125 12.2 16.5 24.7

Manual Integrations
APPROVED

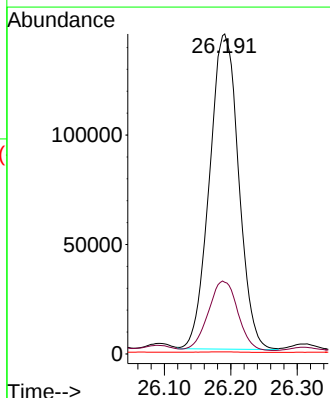
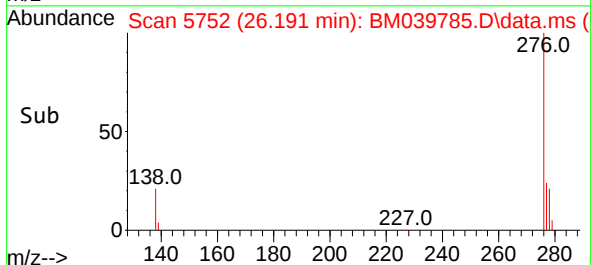
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

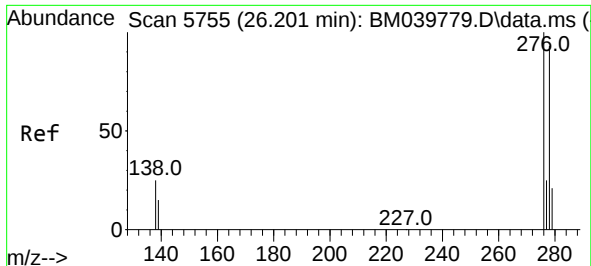


#27
Indeno(1,2,3-cd)pyrene
Concen: 12.791 ng/ul
RT: 26.191 min Scan# 5752
Delta R.T. 0.012 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



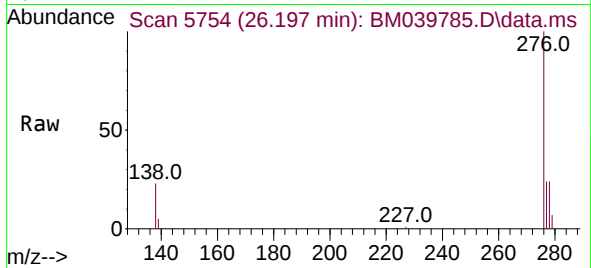
Tgt Ion:276 Resp: 438937
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.322 ng/ul
RT: 26.197 min Scan# 5755
Delta R.T. 0.008 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49

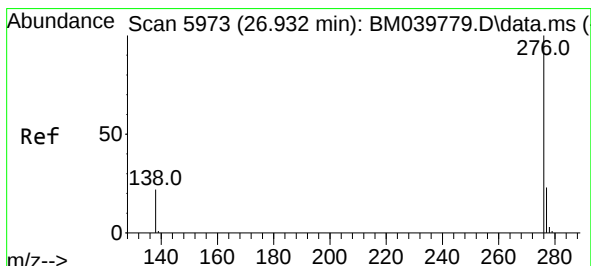
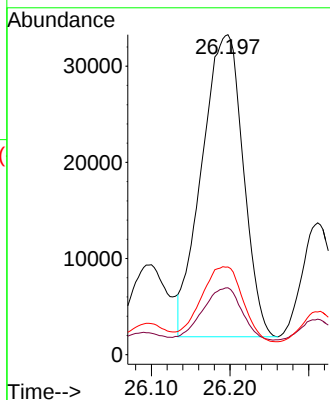
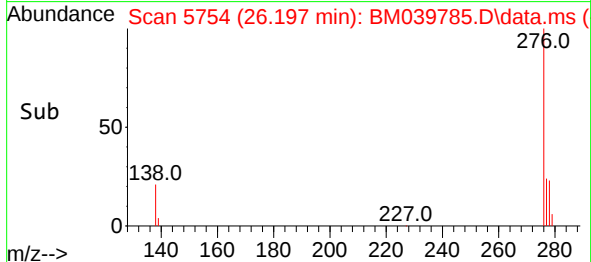
Instrument :
BNA_M
ClientSampleId :
EW901



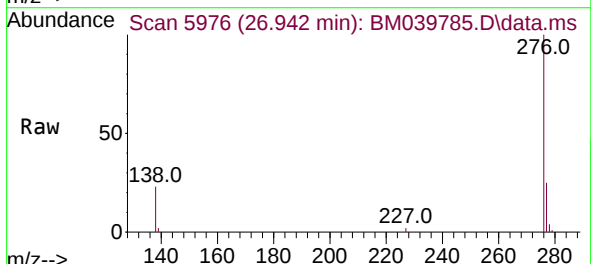
Tgt Ion:278 Resp: 115112
Ion Ratio Lower Upper
278 100
139 20.9 17.0 25.6
279 27.4 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 11.476 ng/ul
RT: 26.942 min Scan# 5976
Delta R.T. 0.022 min
Lab File: BM039785.D
Acq: 01 May 2023 19:49



Tgt Ion:276 Resp: 343162
Ion Ratio Lower Upper
276 100
138 23.4 20.1 30.1
277 24.6 20.1 30.1

