

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039796.D
 Acq On : 02 May 2023 02:28
 Operator : CG/JU
 Sample : 02417-18DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y4DL

Manual Integrations
 APPROVED

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

Quant Time: May 02 03:01:06 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	7.796	152	4252	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	16319	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	20542	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	10681	0.400	ng/ul	# 0.00
23) Perylene-d12	23.757	264	11411	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2818	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	888	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	1841	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	5276	0.129	ng/ul	96
7) 2-Methylnaphthalene	12.278	142	3015	0.127	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	2870	0.113	ng/ul	100
10) Acenaphthylene	14.173	152	20181	0.533	ng/ul	100
11) Acenaphthene	14.511	153	12491	0.420	ng/ul	99
12) Fluorene	15.505	166	20830	0.631	ng/ul	99
15) Phenanthrene	17.246	178	386102	7.134	ng/ul	98
16) Anthracene	17.339	178	83642	1.800	ng/ul	97
19) Fluoranthene	19.271	202	722474	18.960	ng/ul	96
20) Pyrene	19.634	202	561520	13.646	ng/ul	99
21) Benzo(a)anthracene	21.386	228	258702	8.424	ng/ul	99
22) Chrysene	21.436	228	236586	6.808	ng/ul	98
24) Benzo(b)fluoranthene	23.040	252	310691m	7.753	ng/ul	
25) Benzo(k)fluoranthene	23.084	252	99863m	2.447	ng/ul	
26) Benzo(a)pyrene	23.651	252	206219	5.731	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.192	276	152824	3.359	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.196	278	38127	1.080	ng/ul	94
29) Benzo(g,h,i)perylene	26.940	276	128020	3.229	ng/ul	99

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

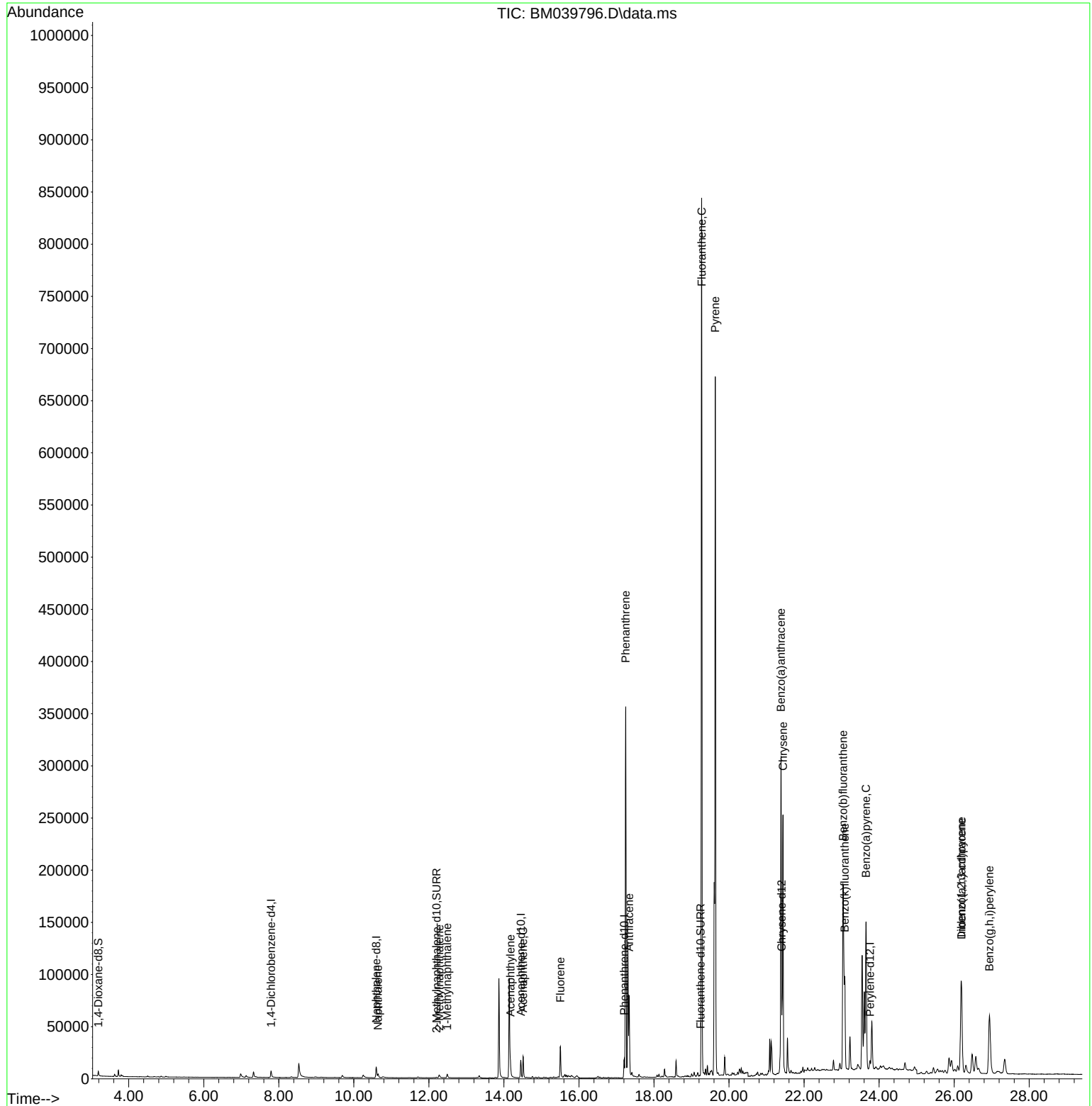
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039796.D
Acq On : 02 May 2023 02:28
Operator : CG/JU
Sample : 02417-18DL 5X
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ALS Vial : 27 Sample Multiplier: 1

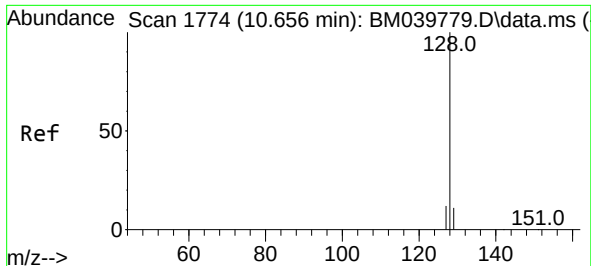
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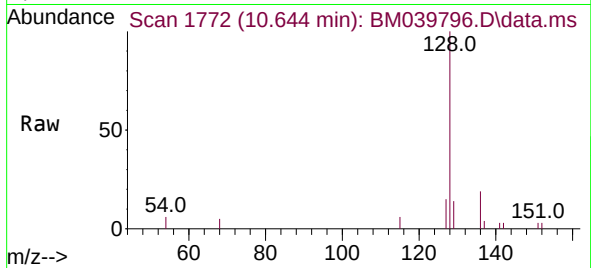
Quant Time: May 02 03:01:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.129 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.011 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

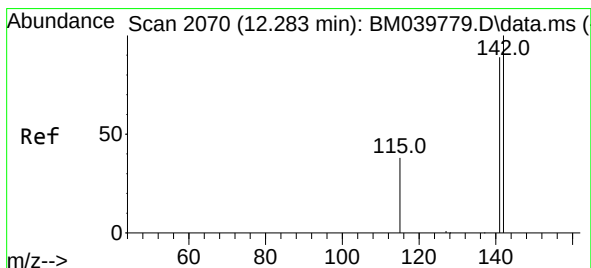
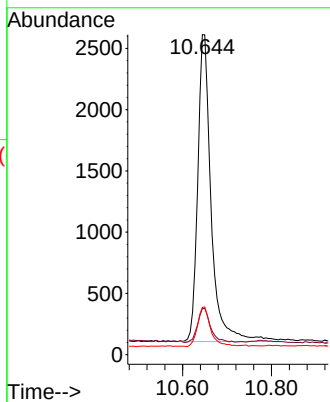
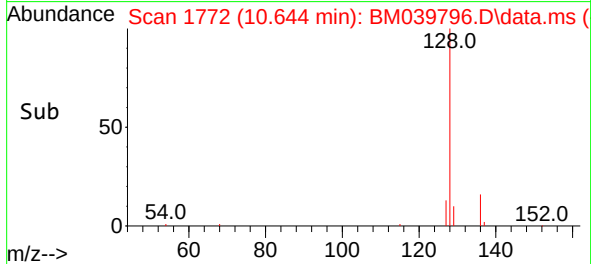
Instrument :
BNA_M
ClientSampleId :
EW8Y4DL



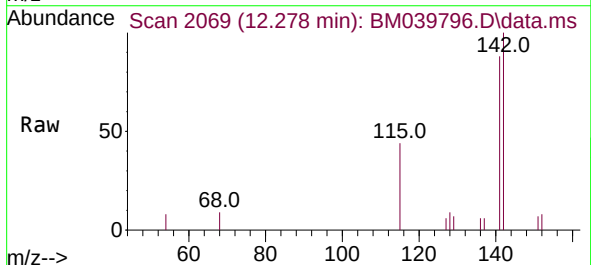
Tgt Ion:128 Resp: 5270
Ion Ratio Lower Upper
128 100
129 14.4 9.8 14.6
127 14.8 11.1 16.7

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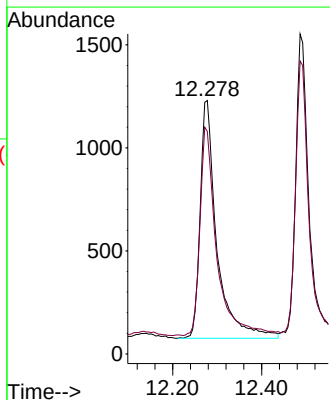
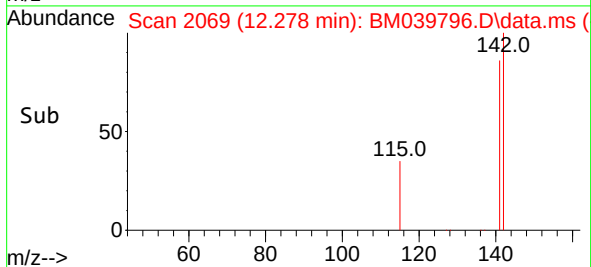
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

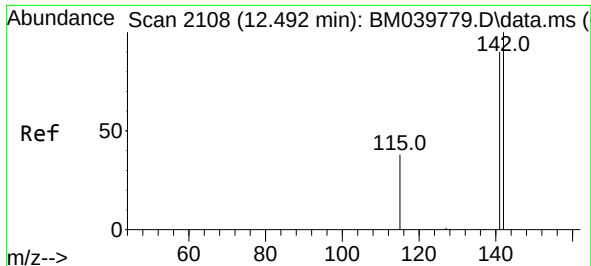


#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



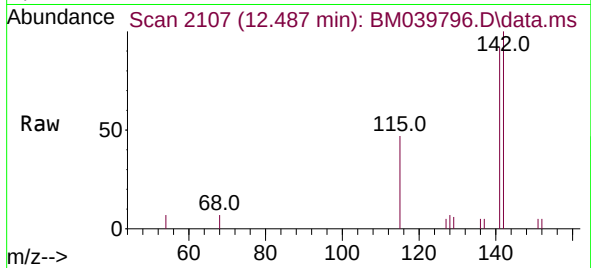
Tgt Ion:142 Resp: 3015
Ion Ratio Lower Upper
142 100
141 87.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

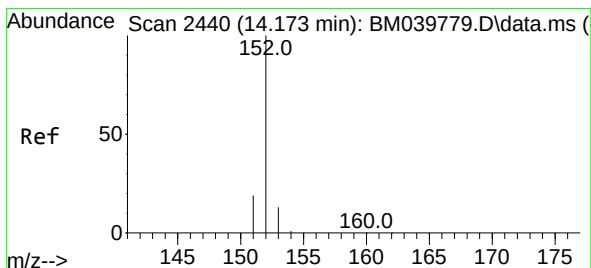
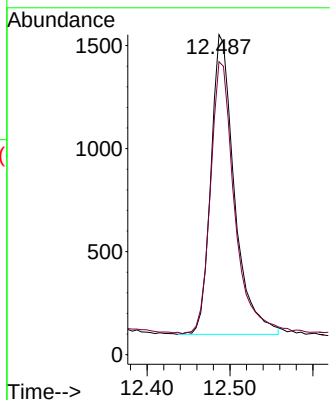
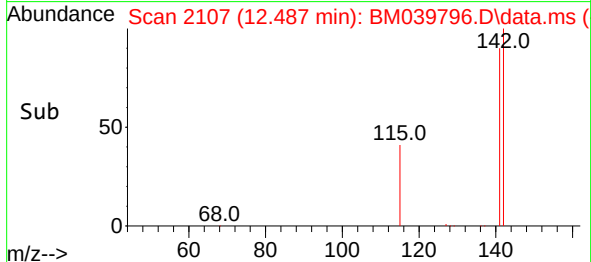
Instrument :
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Tgt Ion:142 Resp: 2870
Ion Ratio Lower Upper
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141 92.3 73.4 110.2

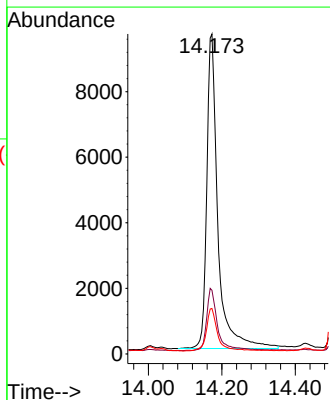
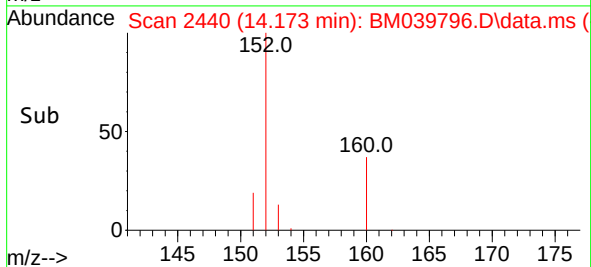
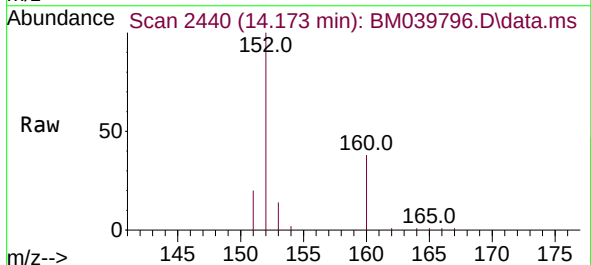
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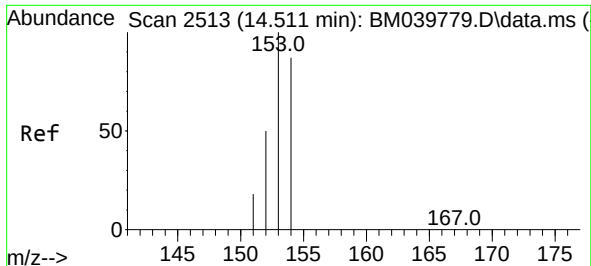
Reviewed By :Christian Giraldo 05/02/2023
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#10
Acenaphthylene
Concen: 0.533 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

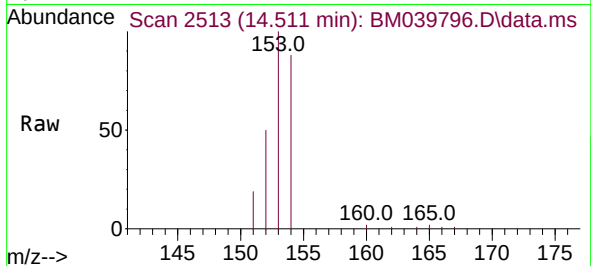
Tgt Ion:152 Resp: 20181
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.2 11.2 16.8





#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

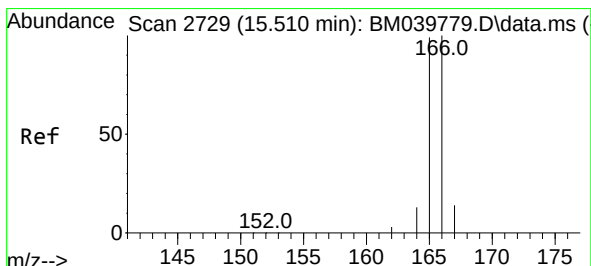
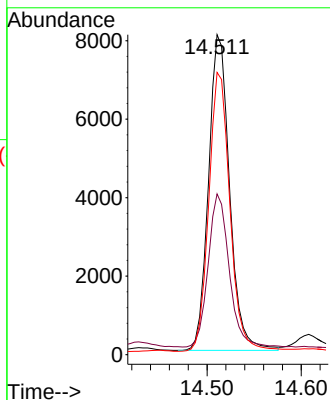
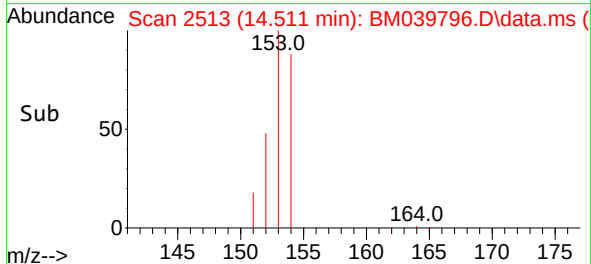
Instrument :
BNA_M
ClientSampleId :
EW8Y4DL



Tgt Ion:153 Resp: 1249
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 88.2 71.9 107.9

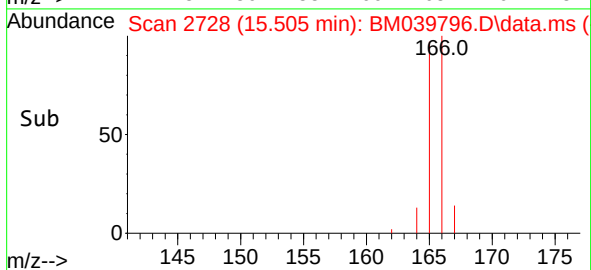
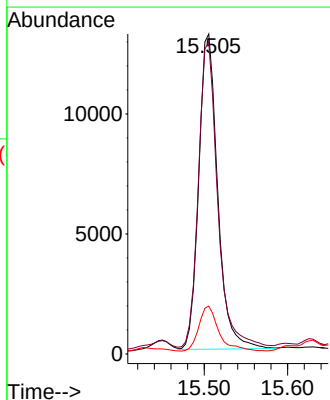
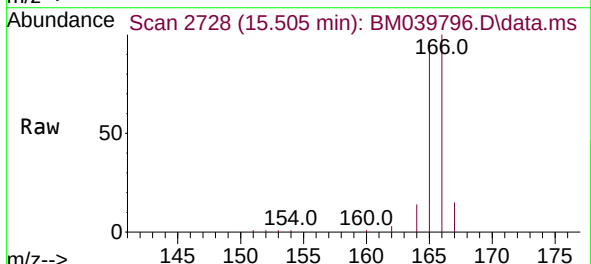
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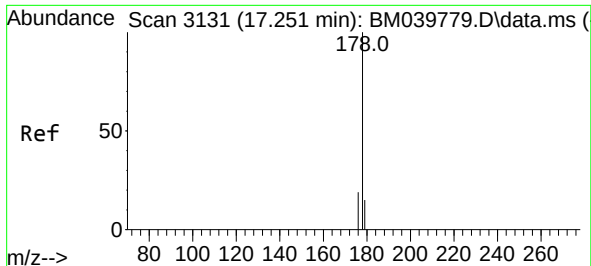
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 0.631 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.005 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

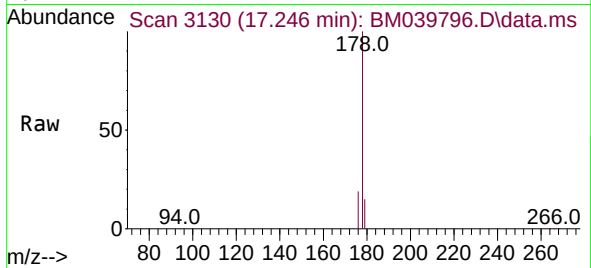
Tgt Ion:166 Resp: 20830
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 15.0 11.8 17.6





#15
Phenanthrene
Concen: 7.134 ng/ul
RT: 17.246 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

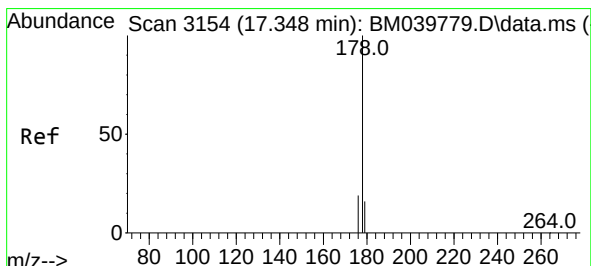
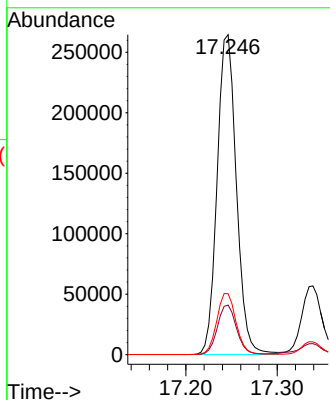
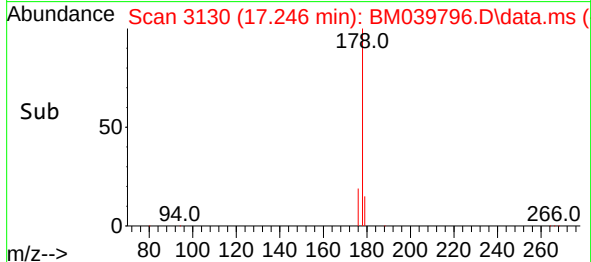
Instrument :
BNA_M
ClientSampleId :
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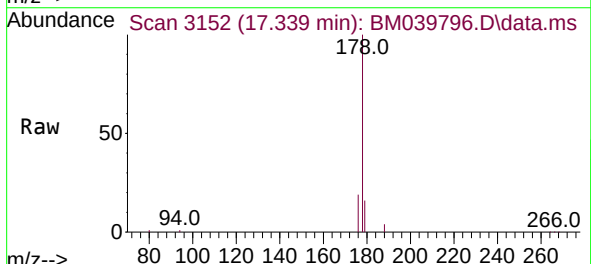
Tgt Ion:178 Resp: 38610
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 15.8 23.8

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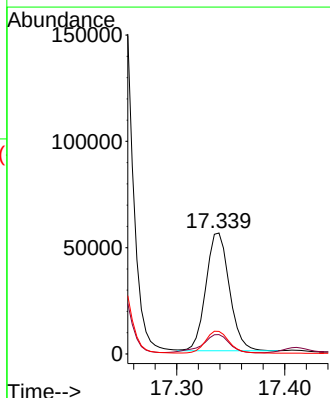
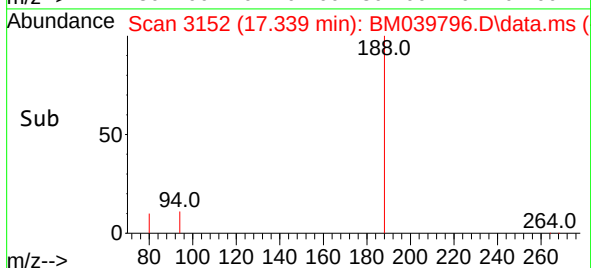
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

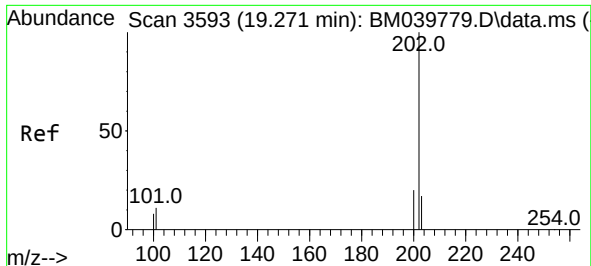


#16
Anthracene
Concen: 1.800 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



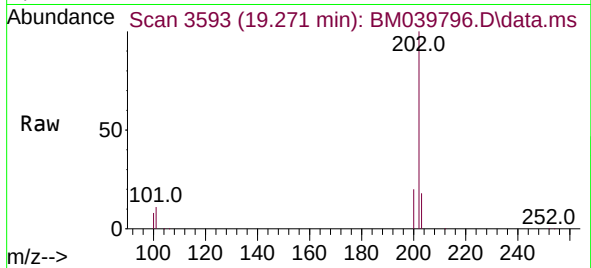
Tgt Ion:178 Resp: 83642
Ion Ratio Lower Upper
178 100
179 16.0 13.8 20.6
176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 18.960 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

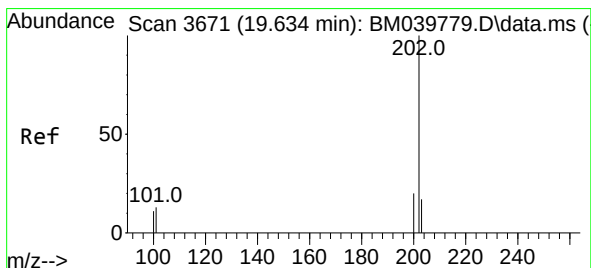
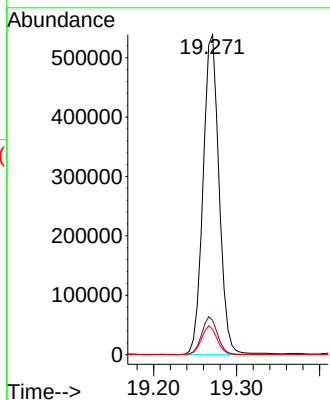
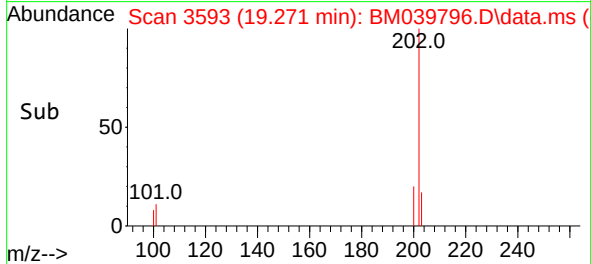
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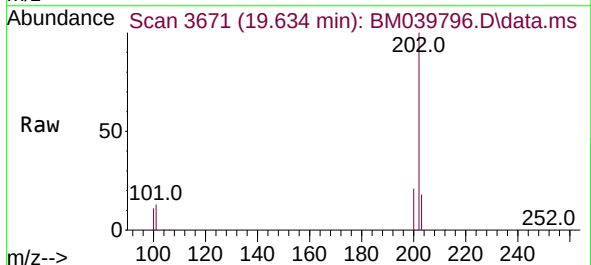
Tgt Ion:202 Resp: 722474
Ion Ratio Lower Upper
202 100
101 10.8 9.8 14.8
100 7.9 7.3 10.9

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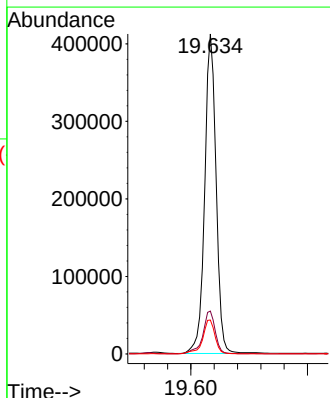
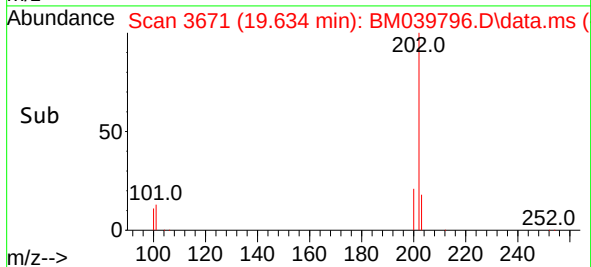
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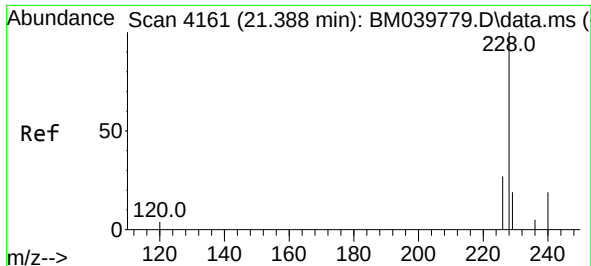


#20
Pyrene
Concen: 13.646 ng/u1
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



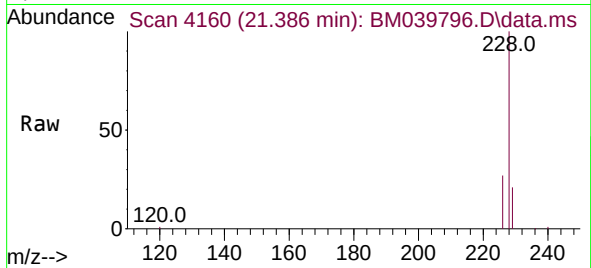
Tgt Ion:202 Resp: 561520
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.6 8.9 13.3





#21
Benzo(a)anthracene
Concen: 8.424 ng/u1
RT: 21.386 min Scan# 4161
Delta R.T. 0.003 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

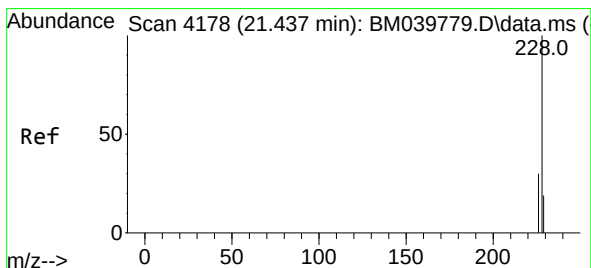
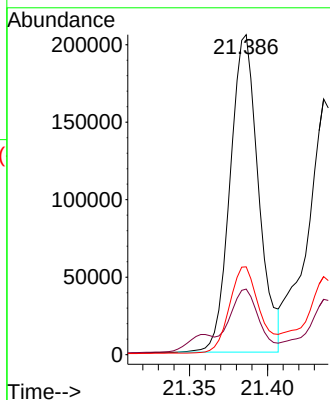
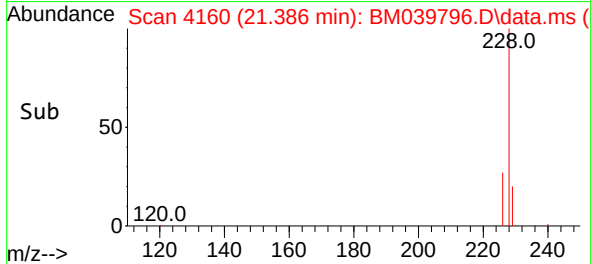
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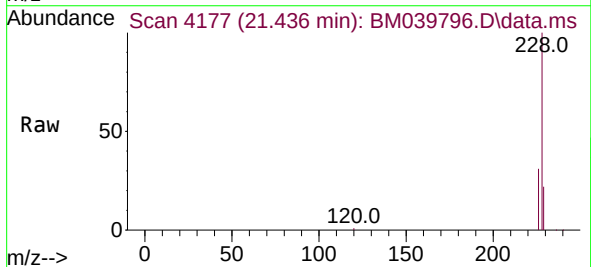
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Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 27.4 21.6 32.4

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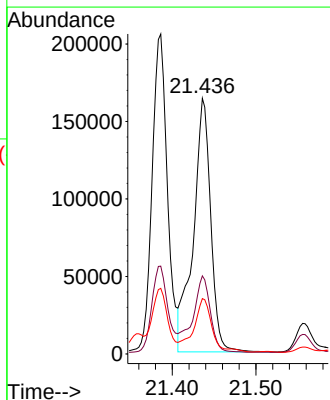
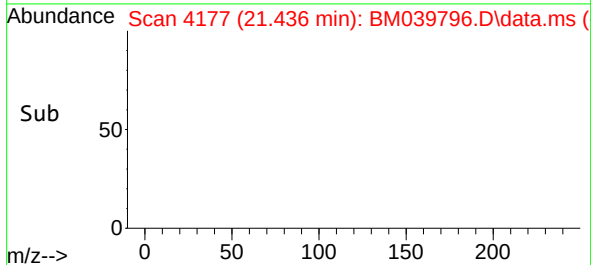
Reviewed By :Christian Giraldo 05/02/2023
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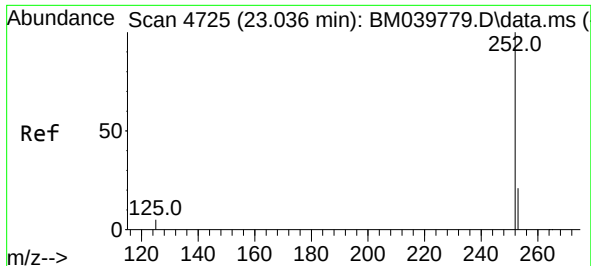


#22
Chrysene
Concen: 6.808 ng/u1
RT: 21.436 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



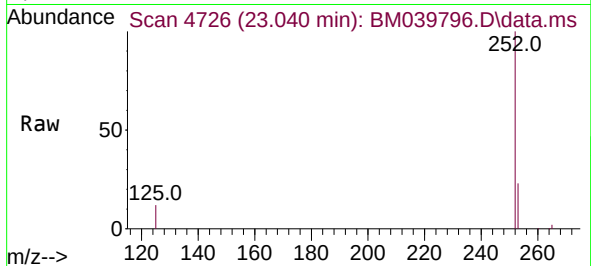
Tgt Ion:228 Resp: 236586
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 7.753 ng/ul m
RT: 23.040 min Scan# 4725
Delta R.T. 0.009 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

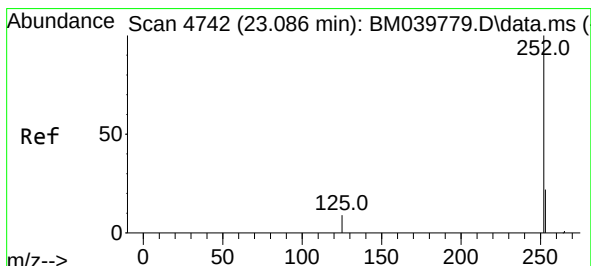
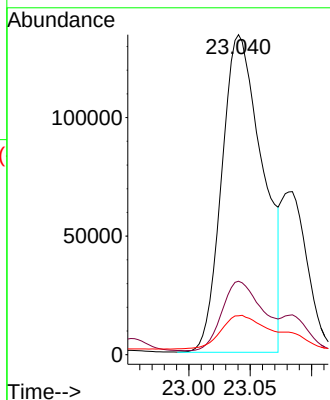
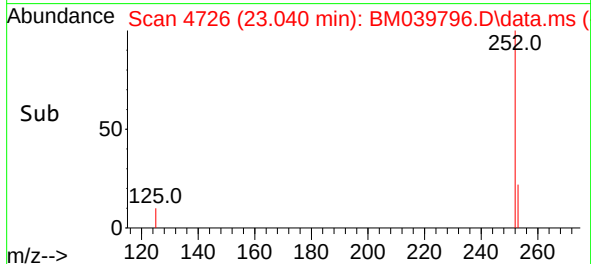
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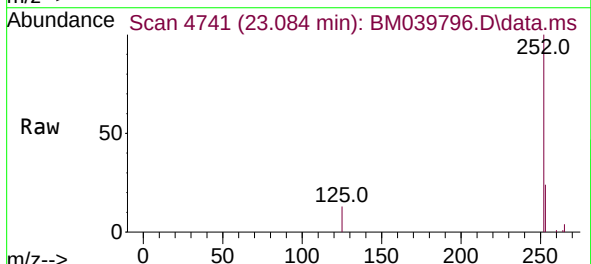
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Ion Ratio Lower Upper
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125 12.2 0.0 31.6

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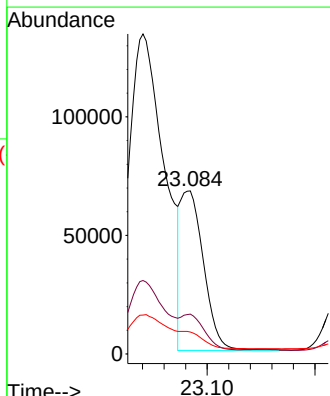
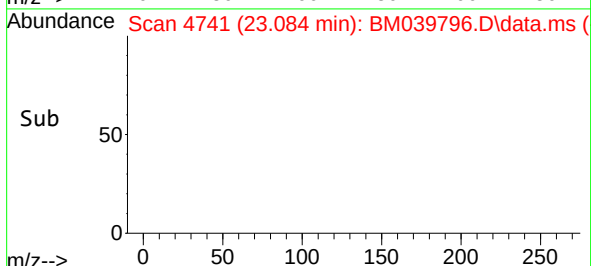
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

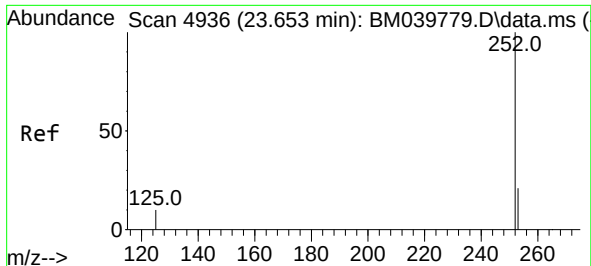


#25
Benzo(k)fluoranthene
Concen: 2.447 ng/ul m
RT: 23.084 min Scan# 4741
Delta R.T. 0.006 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



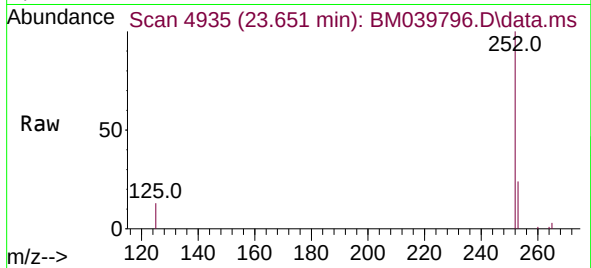
Tgt Ion:252 Resp: 99863
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 13.4 13.0 19.6





#26
Benzo(a)pyrene
Concen: 5.731 ng/ul
RT: 23.651 min Scan# 4936
Delta R.T. 0.009 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

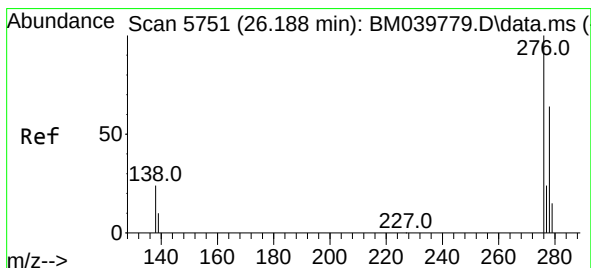
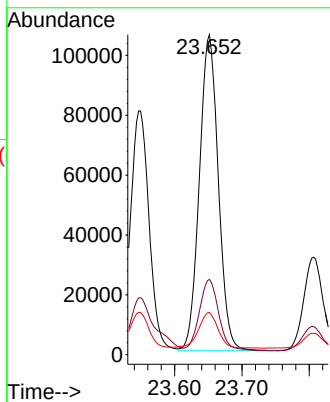
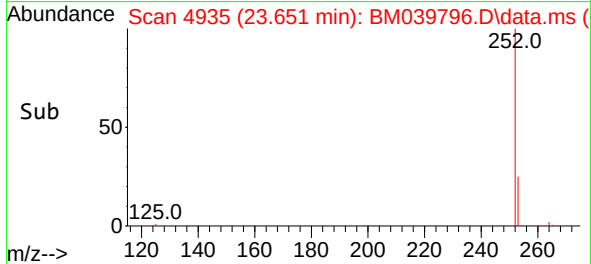
Instrument :
BNA_M
ClientSampleId :
EW8Y4DL



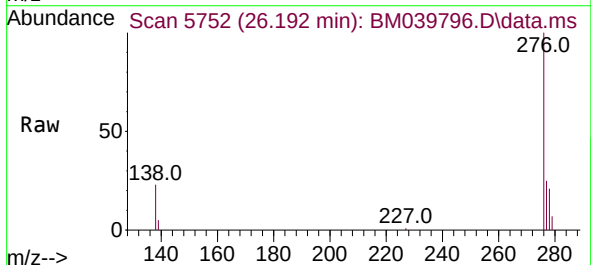
Tgt Ion:252 Resp: 206219
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1
125 13.2 16.5 24.7

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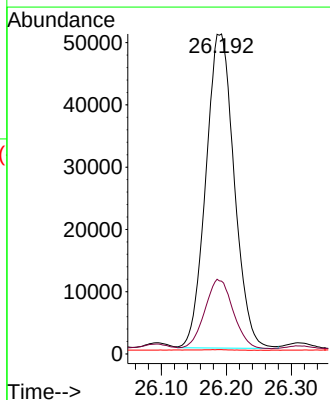
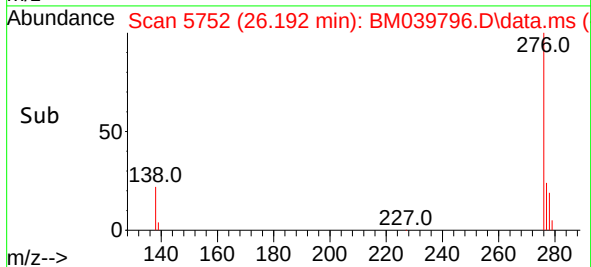
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

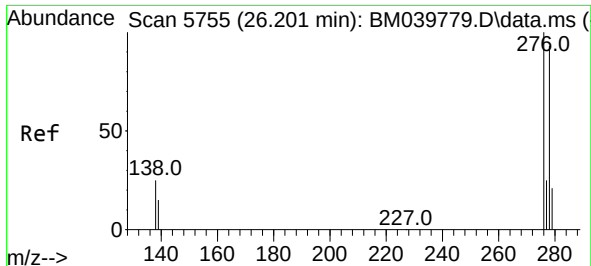


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.359 ng/ul
RT: 26.192 min Scan# 5752
Delta R.T. 0.013 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



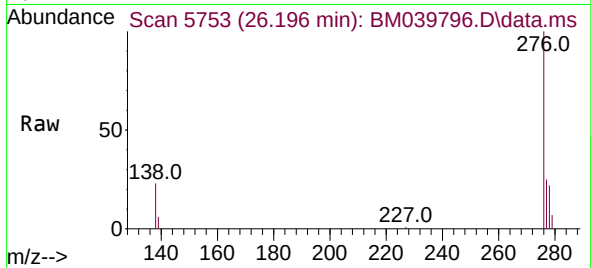
Tgt Ion:276 Resp: 152824
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.080 ng/ul
RT: 26.196 min Scan# 5755
Delta R.T. 0.007 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28

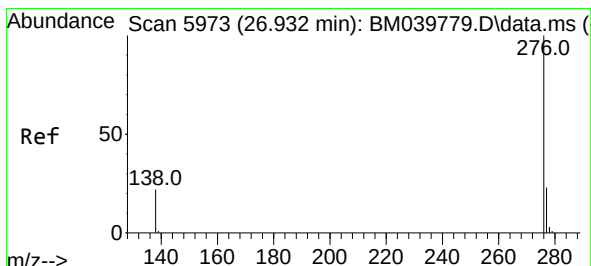
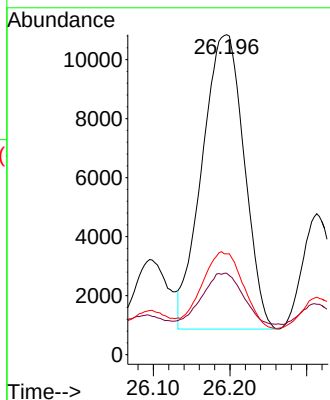
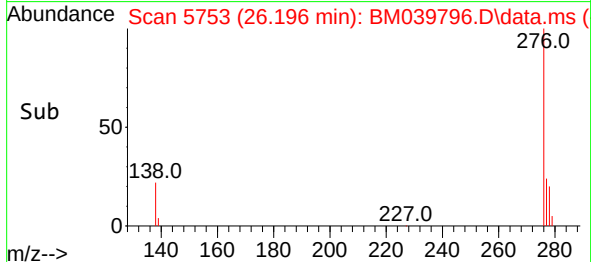
Instrument :
BNA_M
ClientSampleId :
EW8Y4DL



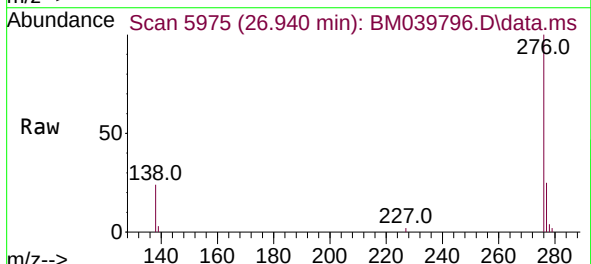
Tgt Ion: 278 Resp: 3812
Ion Ratio Lower Upper
278 100
139 25.4 17.0 25.6
279 31.5 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.229 ng/ul
RT: 26.940 min Scan# 5975
Delta R.T. 0.020 min
Lab File: BM039796.D
Acq: 02 May 2023 02:28



Tgt Ion: 276 Resp: 128020
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 25.0 20.1 30.1

