

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039791.D
 Acq On : 01 May 2023 23:26
 Operator : CG/JU
 Sample : 02418-30DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW904DL

Manual Integrations
 APPROVED

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

Quant Time: May 02 01:28:17 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	7.792	152	4058	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15558	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	19207	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	7692	0.400	ng/ul	# 0.02
23) Perylene-d12	23.776	264	19178	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2546	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	1014	0.051	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	1067m	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	171844	4.399	ng/ul	97
7) 2-Methylnaphthalene	12.267	142	67526	2.995	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	62856	2.599	ng/ul	100
10) Acenaphthylene	14.169	152	492214	13.120	ng/ul	99
11) Acenaphthene	14.511	153	308522	10.469	ng/ul	98
12) Fluorene	15.501	166	550341	16.832	ng/ul	97
14) Pentachlorophenol	16.879	266	336	0.080	ng/ul	90
15) Phenanthrene	17.259	178	7333143	144.918	ng/ul	98
16) Anthracene	17.343	178	1953960	44.971	ng/ul	98
19) Fluoranthene	19.304	202	12478038	454.706	ng/ul#	94
20) Pyrene	19.666	202	10377678	350.188	ng/ul#	92
21) Benzo(a)anthracene	21.402	228	5114108	231.244	ng/ul	93
22) Chrysene	21.461	228	5281003	211.006	ng/ul	93
24) Benzo(b)fluoranthene	23.080	252	7399950m	109.870	ng/ul	
25) Benzo(k)fluoranthene	23.118	252	2457481m	35.834	ng/ul	
26) Benzo(a)pyrene	23.694	252	4853256	80.258	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.261	276	4054190	53.022	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.251	278	1038259	17.495	ng/ul	95
29) Benzo(g,h,i)perylene	27.016	276	3540272	53.136	ng/ul	99

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

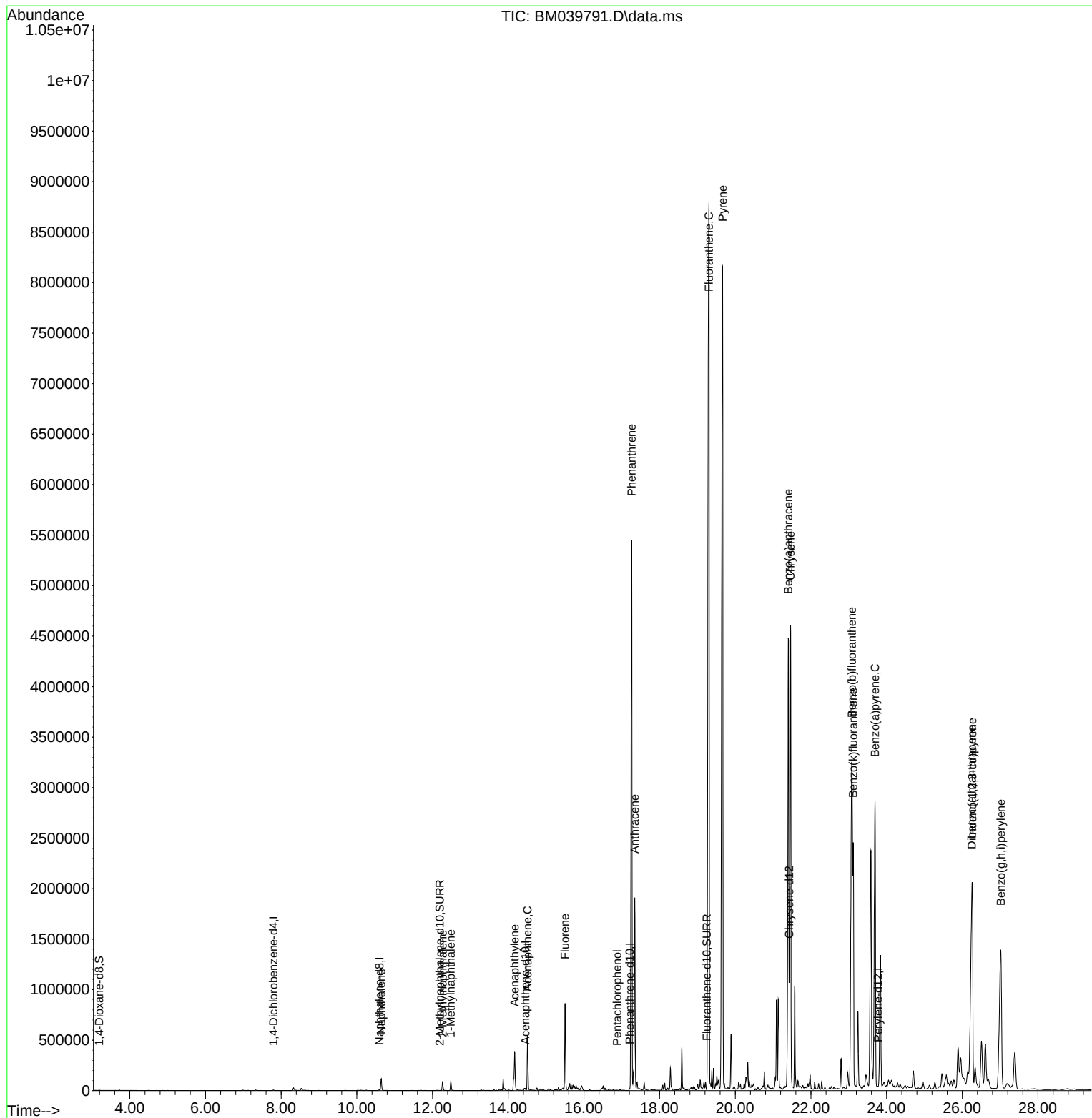
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
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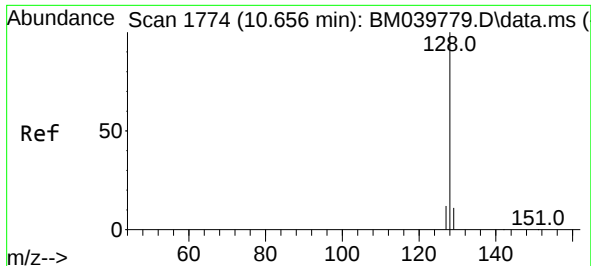
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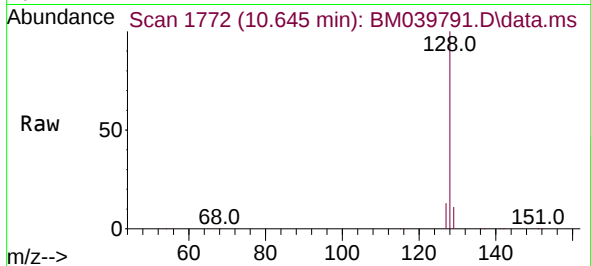
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023





#5
Naphthalene
Concen: 4.399 ng/ul
RT: 10.645 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

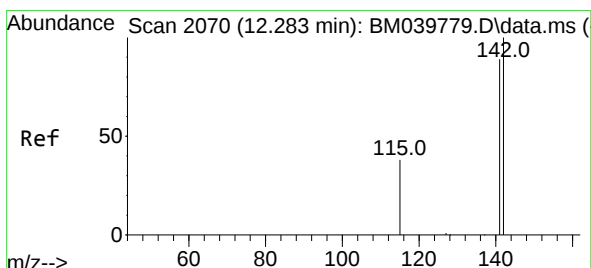
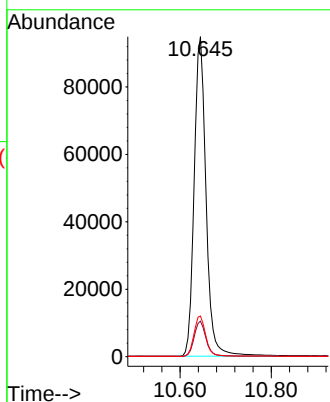
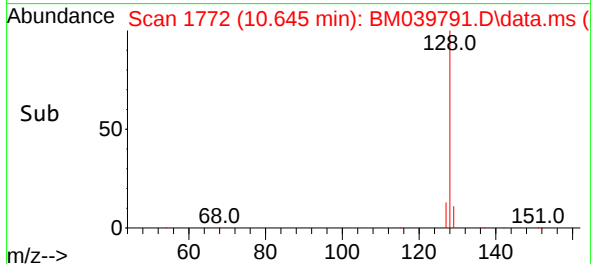
Instrument :
BNA_M
ClientSampleId :
EW904DL



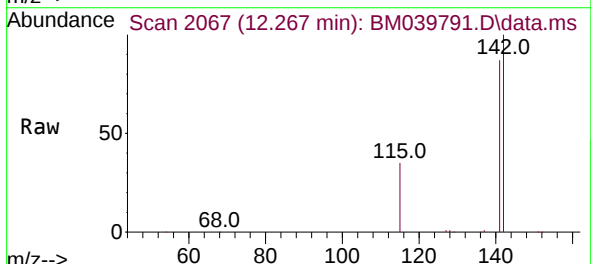
Tgt Ion:128 Resp: 17184
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 12.7 11.1 16.7

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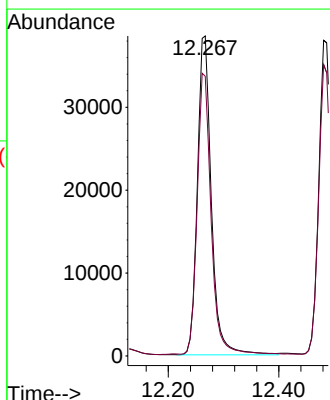
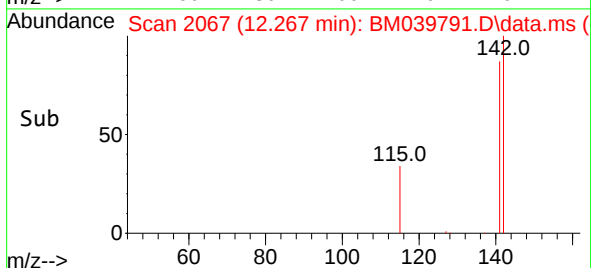
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

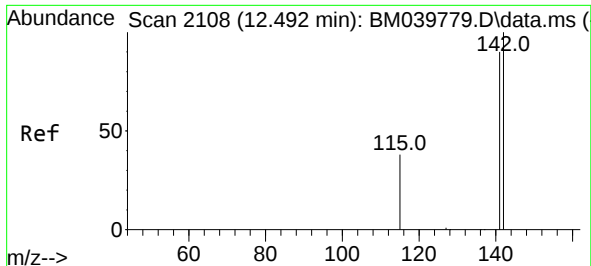


#7
2-Methylnaphthalene
Concen: 2.995 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26



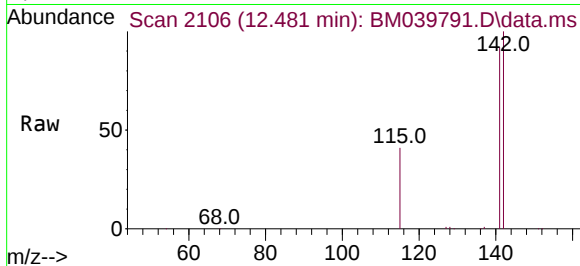
Tgt Ion:142 Resp: 67526
Ion Ratio Lower Upper
142 100
141 87.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 2.599 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

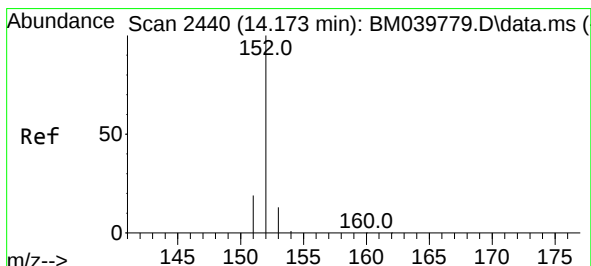
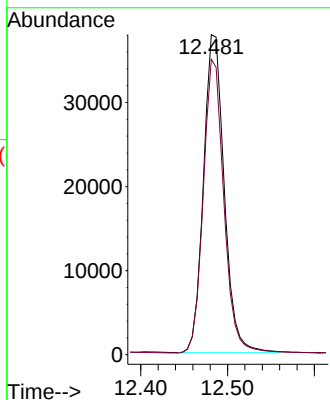
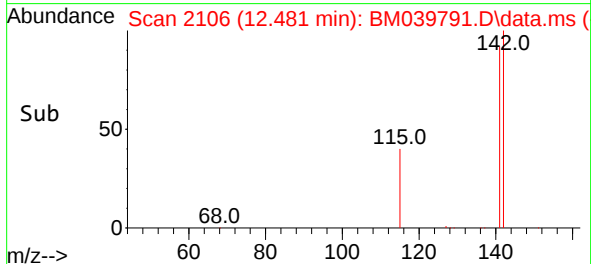
Instrument :
BNA_M
ClientSampleId :
EW904DL



Tgt Ion:142 Resp: 62850
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

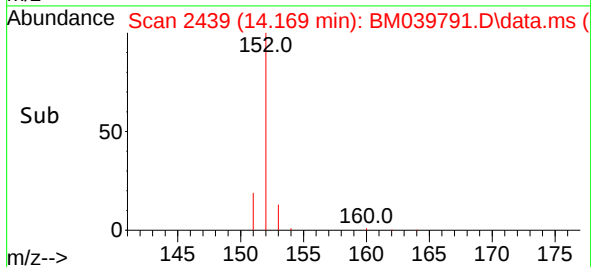
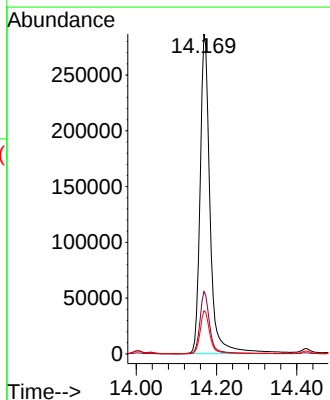
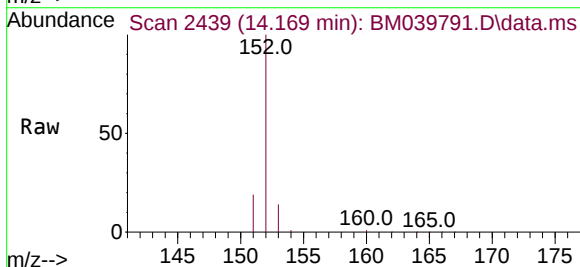
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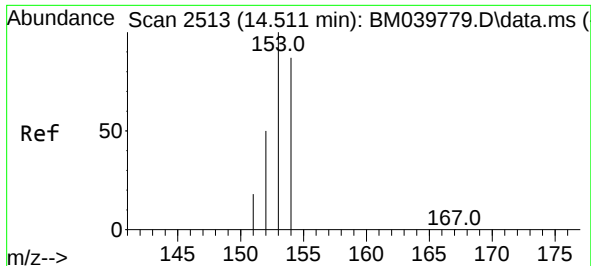
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 13.120 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

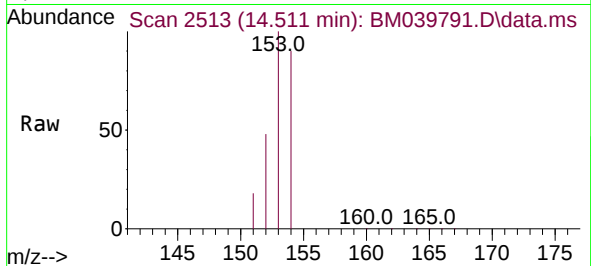
Tgt Ion:152 Resp: 492214
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.5 11.2 16.8





#11
Acenaphthene
Concen: 10.469 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

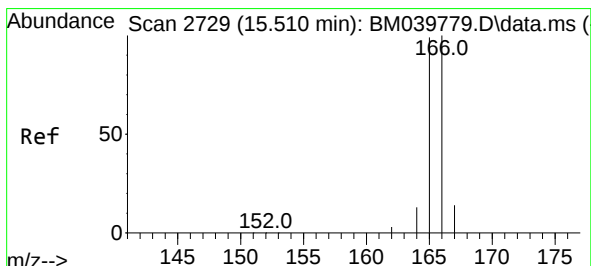
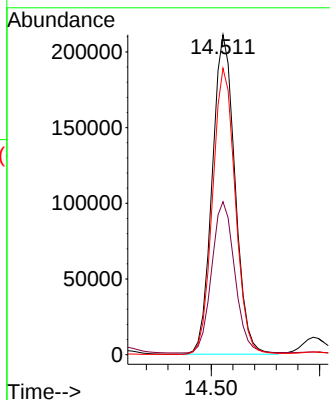
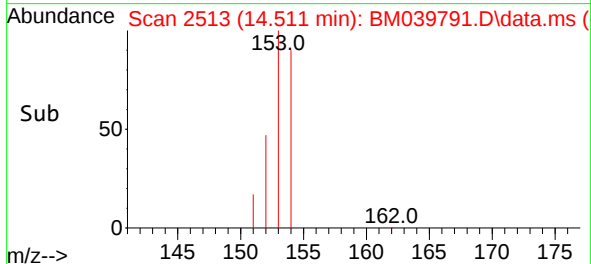
Instrument :
BNA_M
ClientSampleId :
EW904DL



Tgt Ion:153 Resp: 30852
Ion Ratio Lower Upper
153 100
152 47.8 40.6 61.0
154 89.5 71.9 107.9

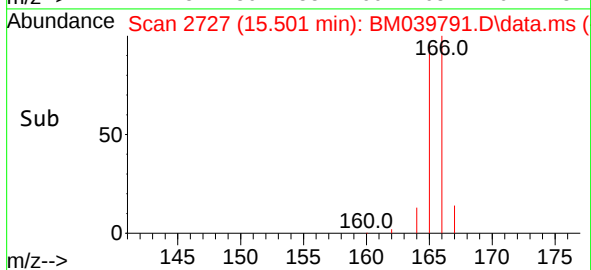
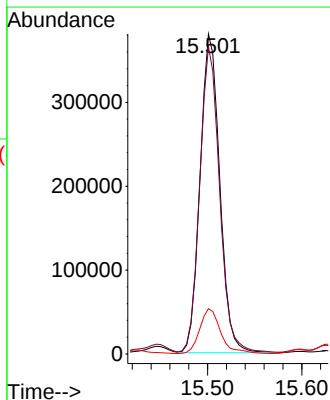
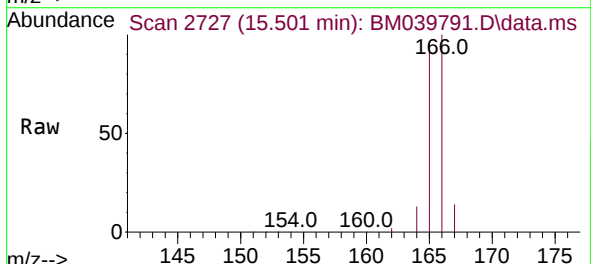
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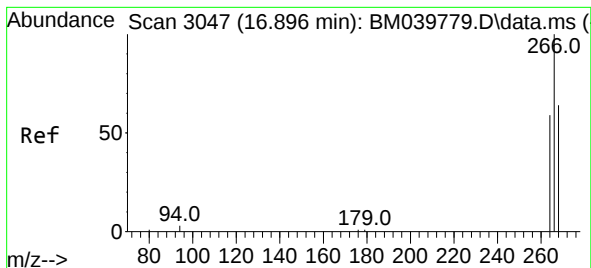
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 16.832 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

Tgt Ion:166 Resp: 550341
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 14.2 11.8 17.6





#14

Pentachlorophenol

Concen: 0.080 ng/uI

RT: 16.879 min Scan# 3047

Delta R.T. -0.008 min

Lab File: BM039791.D

Acq: 01 May 2023 23:26

Instrument :

BNA_M

ClientSampleId :

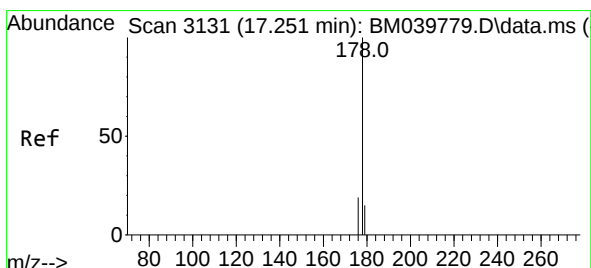
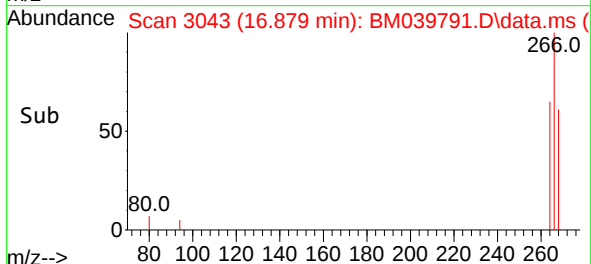
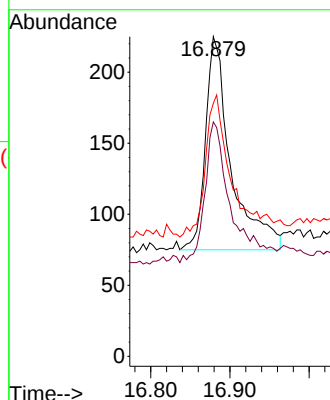
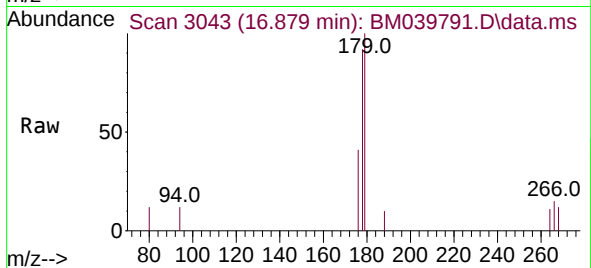
EW904DL

Tgt Ion:	266	Resp:	330
Ion Ratio	Lower	Upper	
266	100		
264	67.6	48.8	73.2
268	72.3	50.4	75.6

Manual Integrations

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



#15

Phenanthrene

Concen: 144.918 ng/uI

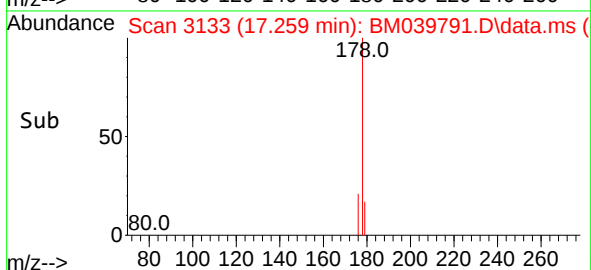
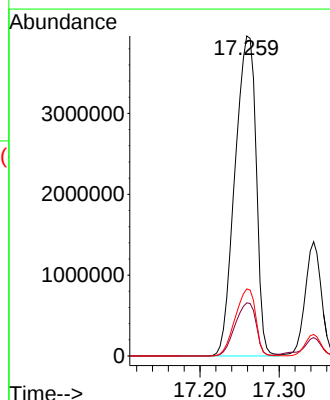
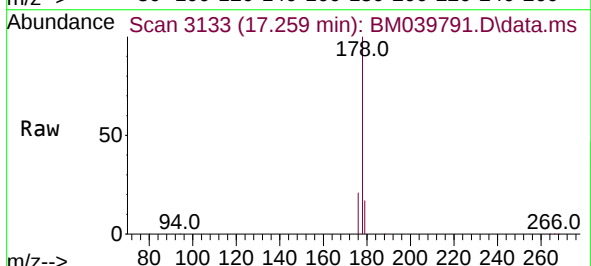
RT: 17.259 min Scan# 3133

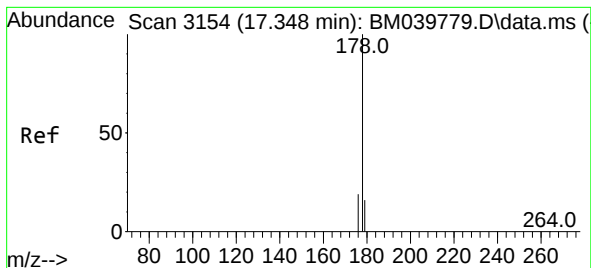
Delta R.T. 0.013 min

Lab File: BM039791.D

Acq: 01 May 2023 23:26

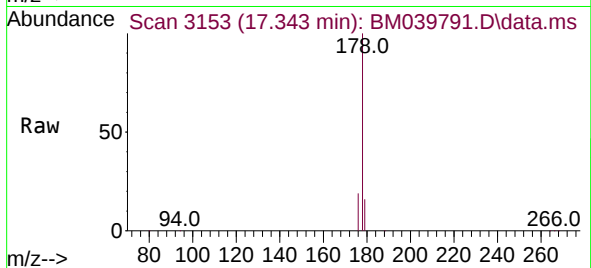
Tgt Ion:	178	Resp:	7333143
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.0	19.6
176	20.9	15.8	23.8





#16
 Anthracene
 Concen: 44.971 ng/ul
 RT: 17.343 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: BM039791.D
 Acq: 01 May 2023 23:26

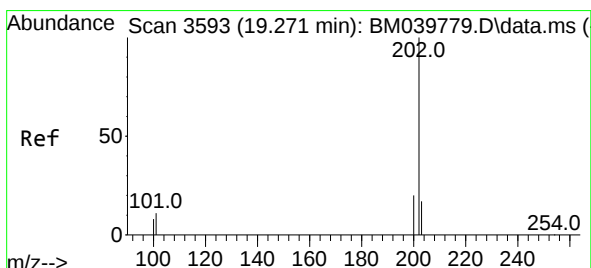
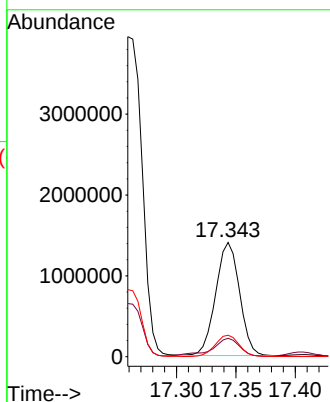
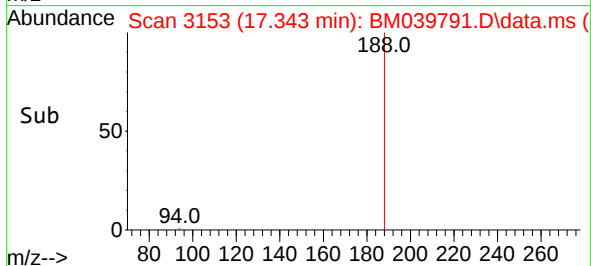
Instrument :
 BNA_M
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 EW904DL



Tgt Ion:178 Resp: 1953960
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.8 20.6
 176 18.8 15.8 23.8

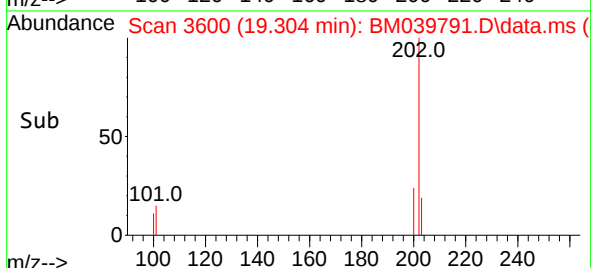
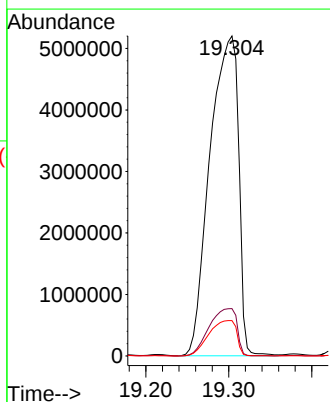
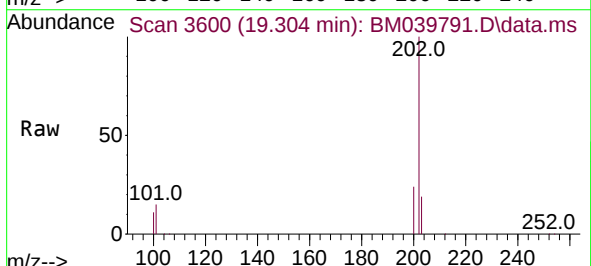
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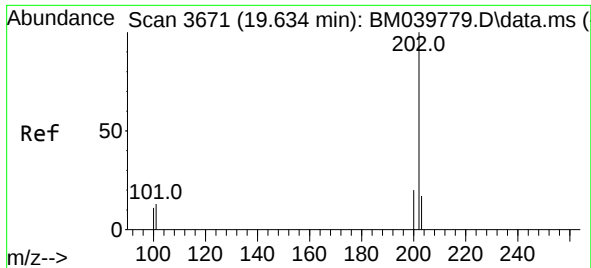
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#19
 Fluoranthene
 Concen: 454.706 ng/ul
 RT: 19.304 min Scan# 3600
 Delta R.T. 0.037 min
 Lab File: BM039791.D
 Acq: 01 May 2023 23:26

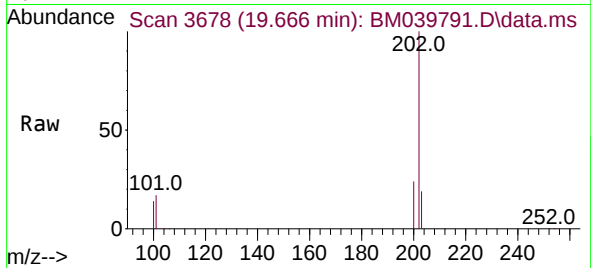
Tgt Ion:202 Resp:12478038
 Ion Ratio Lower Upper
 202 100
 101 14.8 9.8 14.8#
 100 11.1 7.3 10.9#





#20
Pyrene
Concen: 350.188 ng/u1
RT: 19.666 min Scan# 3678
Delta R.T. 0.033 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

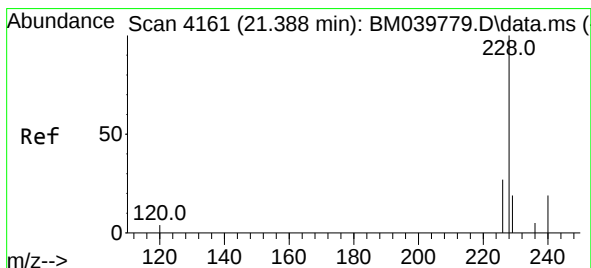
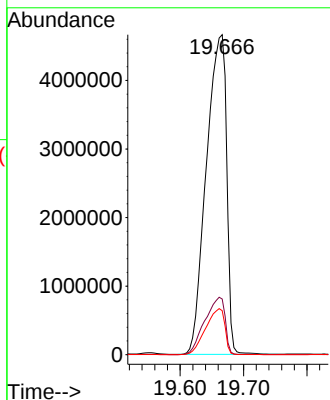
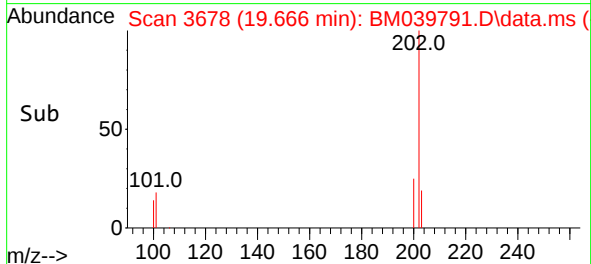
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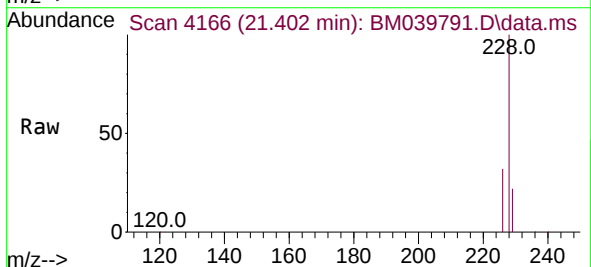
Tgt Ion:202 Resp:10377678
Ion Ratio Lower Upper
202 100
101 17.4 10.9 16.3
100 13.8 8.9 13.3

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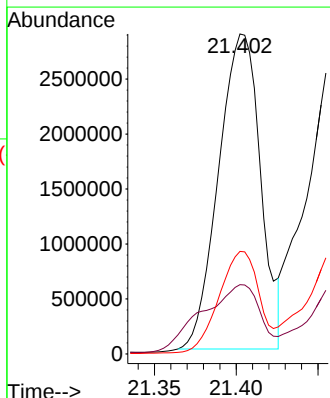
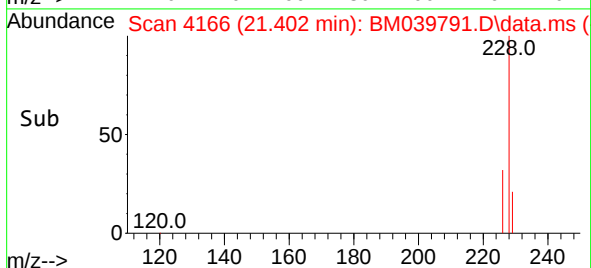
Reviewed By :Christian Giraldo 05/02/2023
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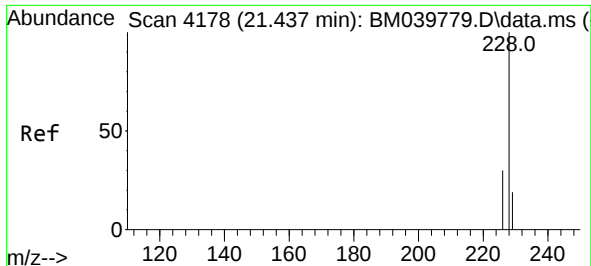


#21
Benzo(a)anthracene
Concen: 231.244 ng/u1
RT: 21.402 min Scan# 4166
Delta R.T. 0.019 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26



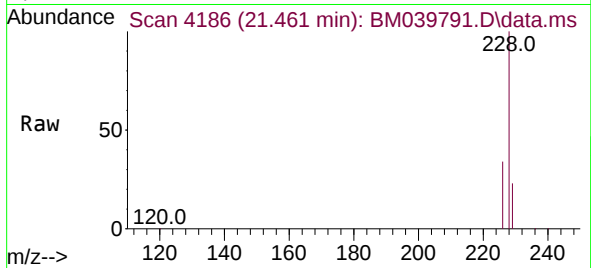
Tgt Ion:228 Resp: 5114108
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 32.1 21.6 32.4





#22
Chrysene
Concen: 211.006 ng/u1
RT: 21.461 min Scan# 4186
Delta R.T. 0.025 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

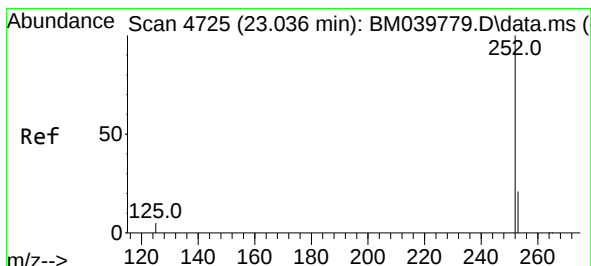
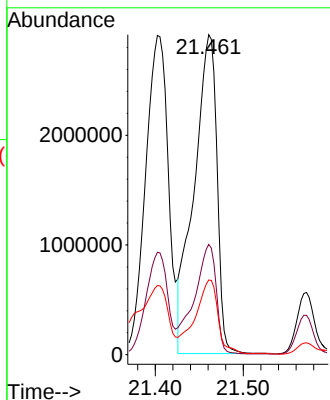
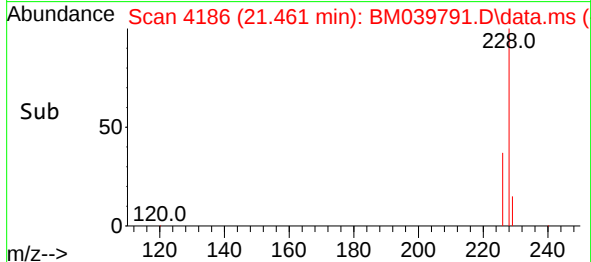
Instrument :
BNA_M
ClientSampleId :
EW904DL



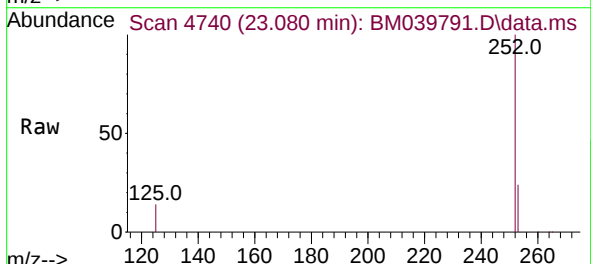
Tgt Ion:228 Resp: 528100
Ion Ratio Lower Upper
228 100
226 34.4 24.3 36.5
229 23.3 15.9 23.9

Manual Integrations
APPROVED

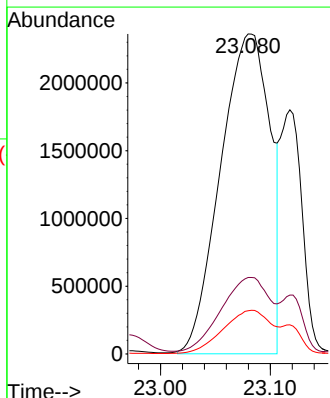
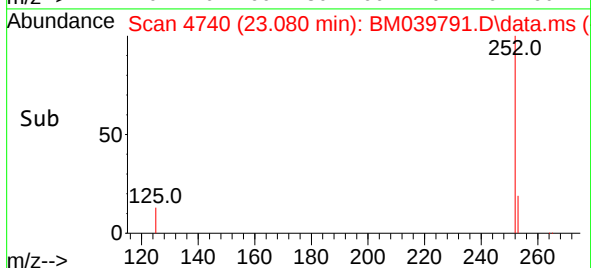
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

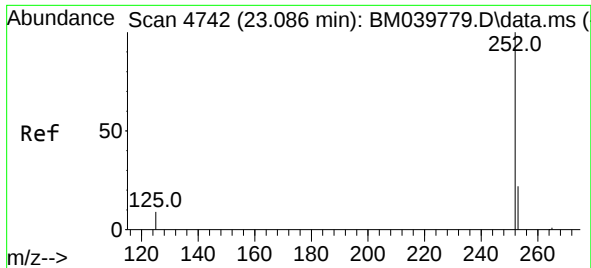


#24
Benzo(b)fluoranthene
Concen: 109.870 ng/u1 m
RT: 23.080 min Scan# 4740
Delta R.T. 0.048 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26



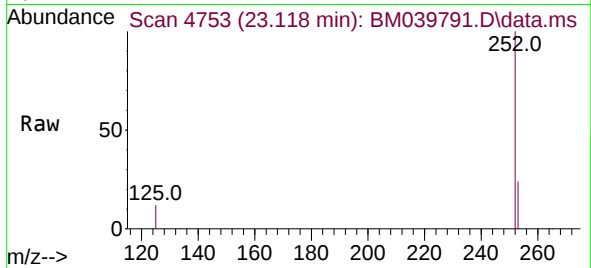
Tgt Ion:252 Resp: 7399950
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.8
125 13.5 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 35.834 ng/ul m
RT: 23.118 min Scan# 4753
Delta R.T. 0.039 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

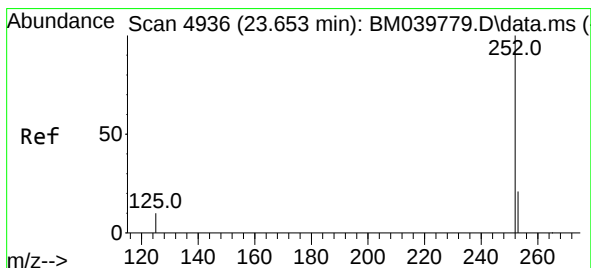
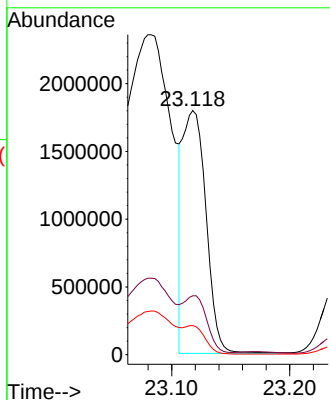
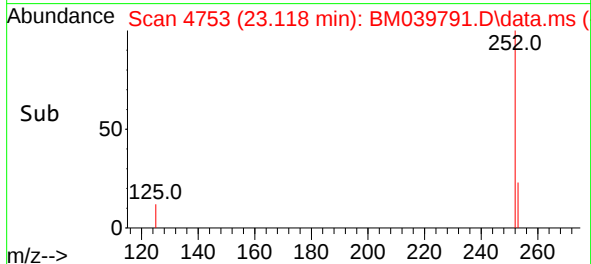
Instrument :
BNA_M
ClientSampleId :
EW904DL



Tgt Ion:252 Resp: 245748
Ion Ratio Lower Upper
252 100
253 24.1 21.3 31.9
125 11.9 13.0 19.6

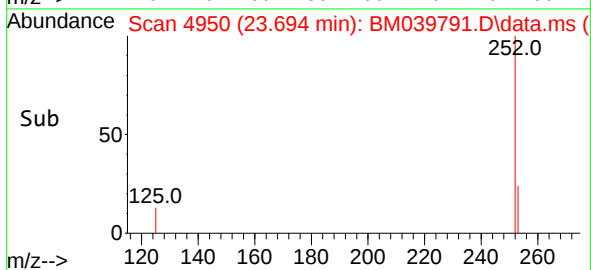
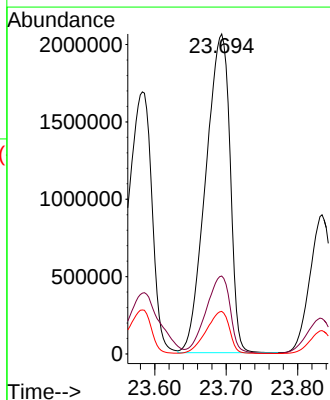
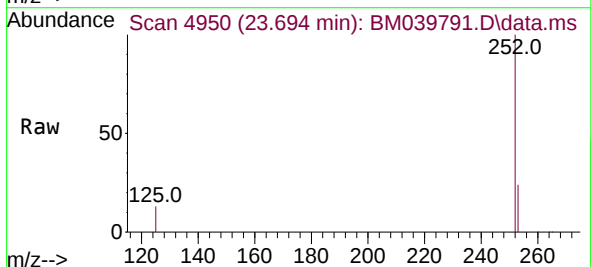
Manual Integrations
APPROVED

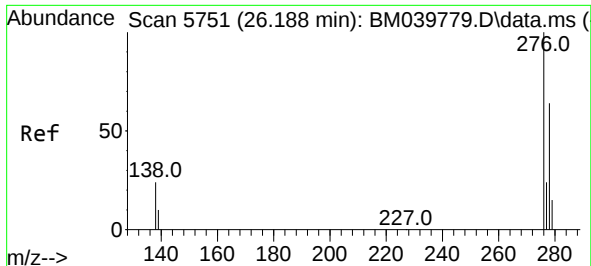
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#26
Benzo(a)pyrene
Concen: 80.258 ng/ul
RT: 23.694 min Scan# 4950
Delta R.T. 0.051 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

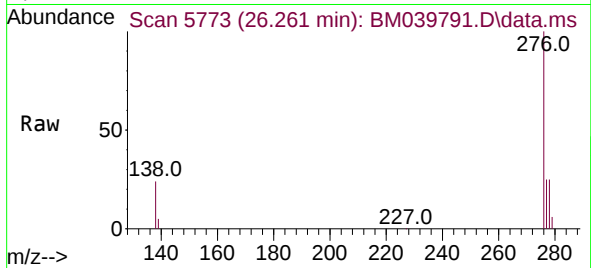
Tgt Ion:252 Resp: 4853256
Ion Ratio Lower Upper
252 100
253 24.4 24.7 37.1#
125 13.3 16.5 24.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 53.022 ng/ul
RT: 26.261 min Scan# 5773
Delta R.T. 0.082 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26

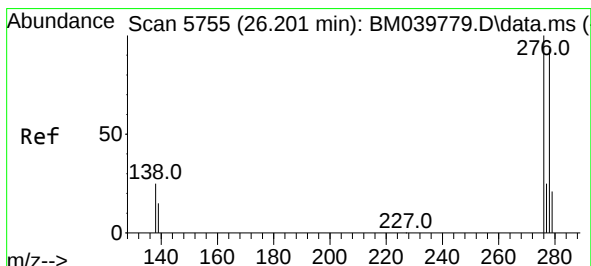
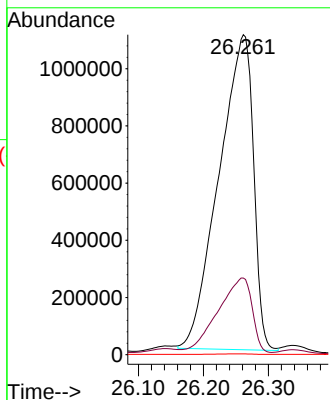
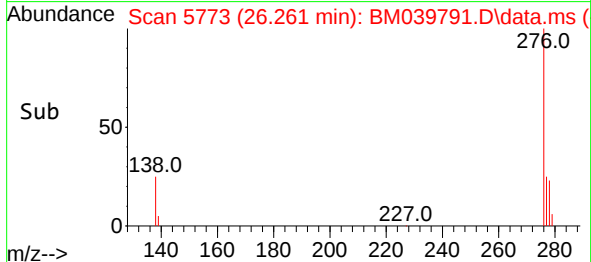
Instrument :
BNA_M
ClientSampleId :
EW904DL



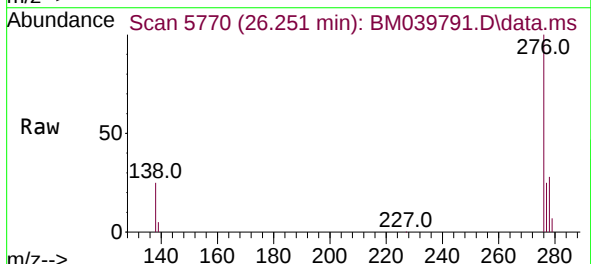
Tgt Ion:276 Resp: 4054190
Ion Ratio Lower Upper
276 100
138 23.8 21.1 31.7
227 0.2 0.1 0.1

Manual Integrations
APPROVED

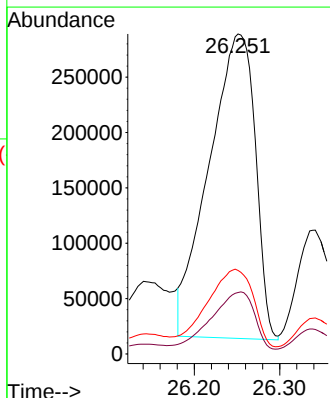
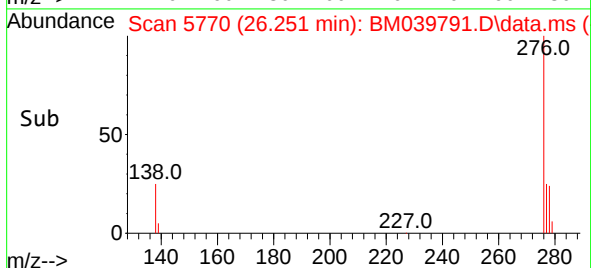
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

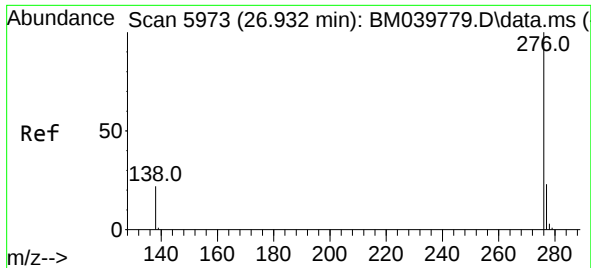


#28
Dibenzo(a,h)anthracene
Concen: 17.495 ng/ul
RT: 26.251 min Scan# 5770
Delta R.T. 0.062 min
Lab File: BM039791.D
Acq: 01 May 2023 23:26



Tgt Ion:278 Resp: 1038259
Ion Ratio Lower Upper
278 100
139 19.2 17.0 25.6
279 26.1 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 53.136 ng/ul

RT: 27.016 min Scan# 5998

Delta R.T. 0.096 min

Lab File: BM039791.D

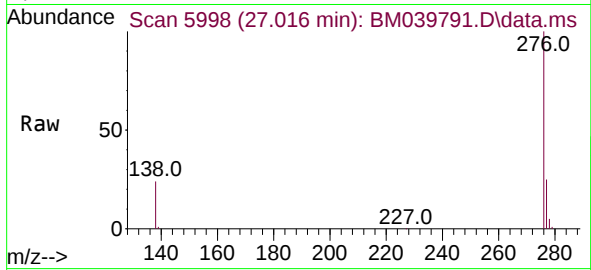
Acq: 01 May 2023 23:26

Instrument :

BNA_M

ClientSampleId :

EW904DL



Tgt Ion:276 Resp: 354027

Ion Ratio Lower Upper

276 100

138 24.4 20.1 30.1

277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023

