

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039824.D
 Acq On : 03 May 2023 04:57
 Operator : CG/JU
 Sample : 02419-28RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW925RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 05:28:29 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 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3777	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.588	136	11858	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	6837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.198	188	33028	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.411	240	7022	0.400	ng/ul	# 0.00
23) Perylene-d12	23.779	264	9748	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	11883	2.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.188	152	3433	0.226	ng/ul	-0.01
18) Fluoranthene-d10	19.242	212	5578	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.638	128	47433	1.593	ng/ul	98
7) 2-Methylnaphthalene	12.260	142	36000	2.095	ng/ul	96
8) 1-Methylnaphthalene	12.480	142	21048	1.142	ng/ul	100
10) Acenaphthylene	14.167	152	74891	2.830	ng/ul	98
11) Acenaphthene	14.509	153	16446	0.791	ng/ul	98
12) Fluorene	15.499	166	22613	0.981	ng/ul#	95
14) Pentachlorophenol	16.873	266	914	0.127	ng/ul	93
15) Phenanthrene	17.245	178	392625	4.512	ng/ul	100
16) Anthracene	17.338	178	120221	1.609	ng/ul	99
19) Fluoranthene	19.274	202	1043010	41.634	ng/ul	99
20) Pyrene	19.642	202	1001522	37.020	ng/ul	99
21) Benzo(a)anthracene	21.394	228	717681	35.548	ng/ul	97
22) Chrysene	21.446	228	751118	32.875	ng/ul	94
24) Benzo(b)fluoranthene	23.063	252	1344135m	39.263	ng/ul	
25) Benzo(k)fluoranthene	23.101	252	436925m	12.534	ng/ul	
26) Benzo(a)pyrene	23.677	252	883386	28.741	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.238	276	920512	23.685	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.228	278	237535	7.874	ng/ul	96
29) Benzo(g,h,i)perylene	26.999	276	1068469	31.550	ng/ul	98

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

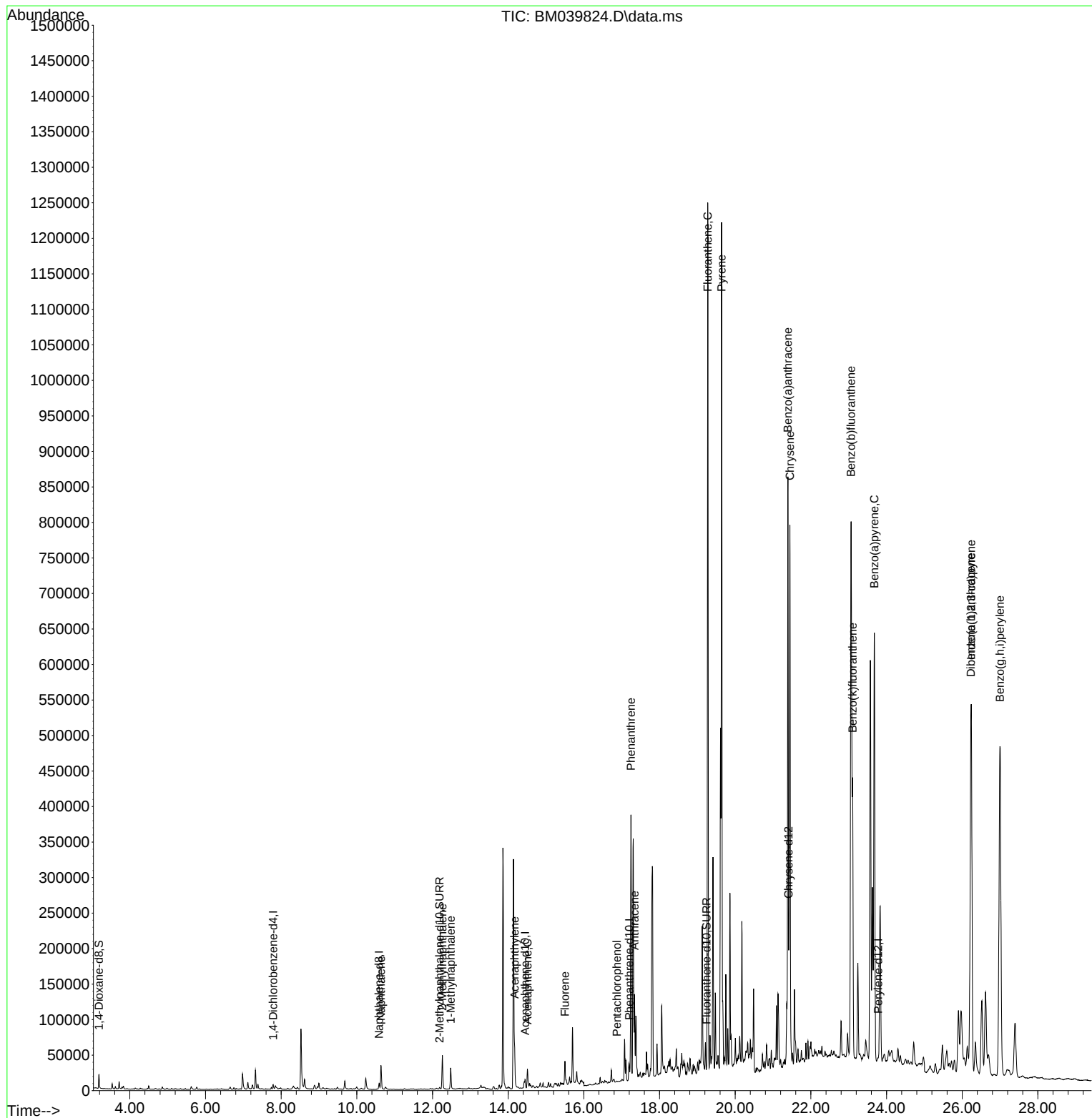
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
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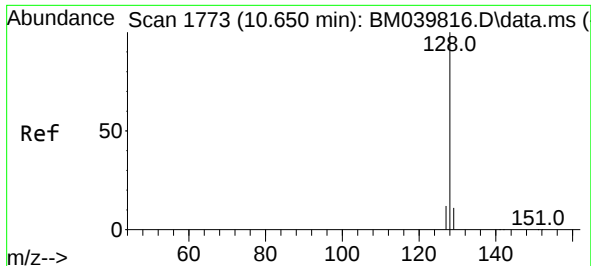
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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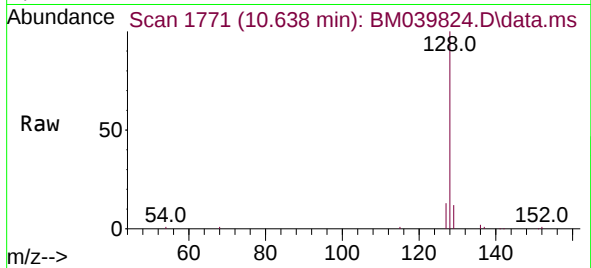
Reviewed By : Christian Giraldo 05/03/2023
Supervised By : Jagrut Upadhyay 05/04/2023





#5
Naphthalene
Concen: 1.593 ng/ul
RT: 10.638 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

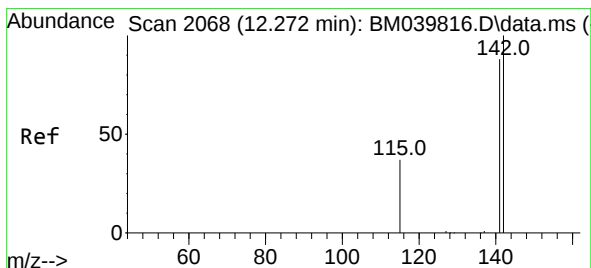
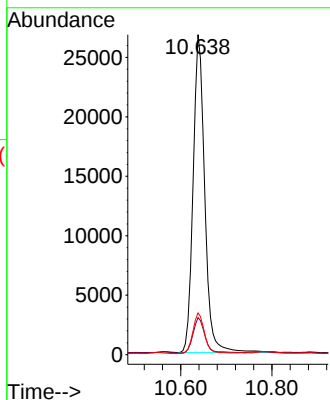
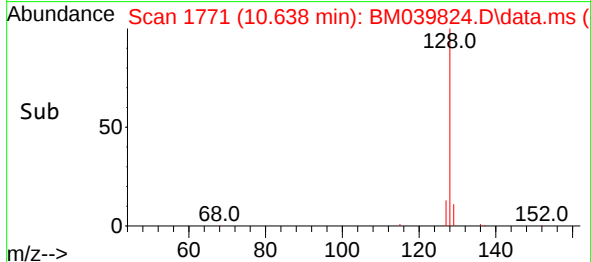
Instrument :
BNA_M
ClientSampleId :
EW925RE



Tgt Ion:128 Resp: 4743
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.1 11.1 16.7

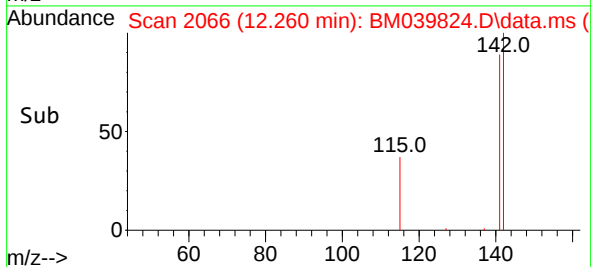
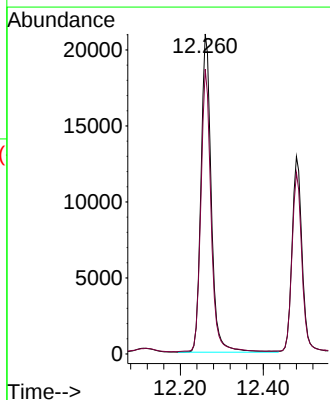
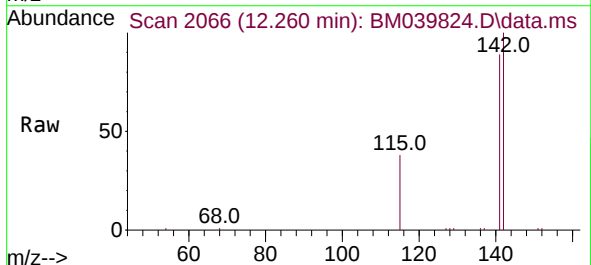
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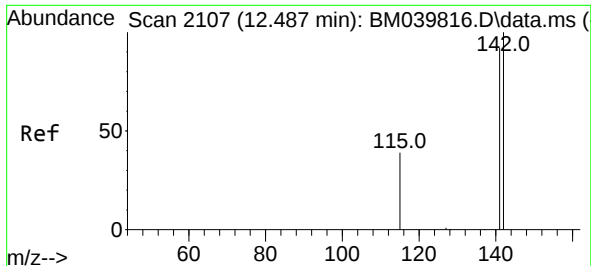
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 2.095 ng/ul
RT: 12.260 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

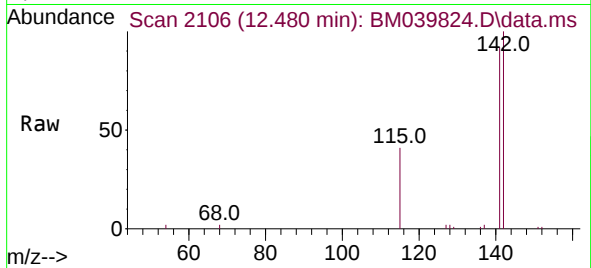
Tgt Ion:142 Resp: 36000
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.142 ng/ul
RT: 12.480 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

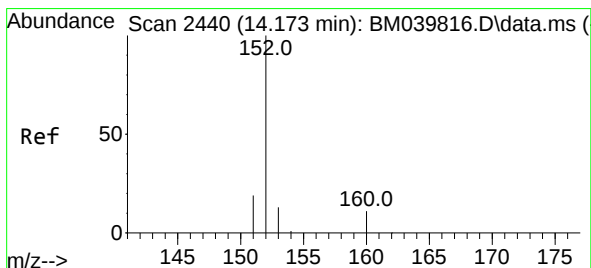
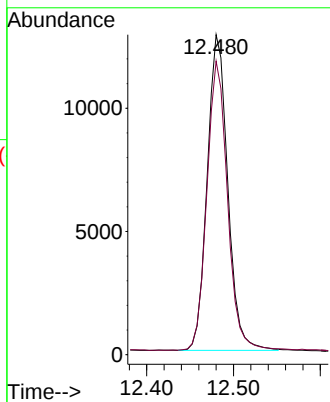
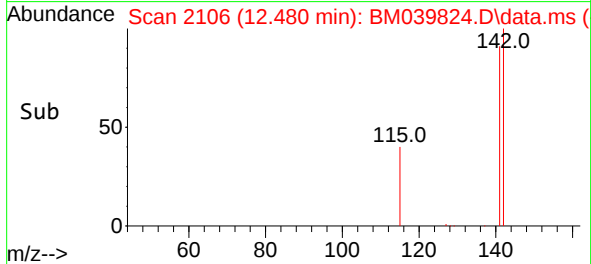
Instrument :
BNA_M
ClientSampleId :
EW925RE



Tgt Ion:142 Resp: 2104
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

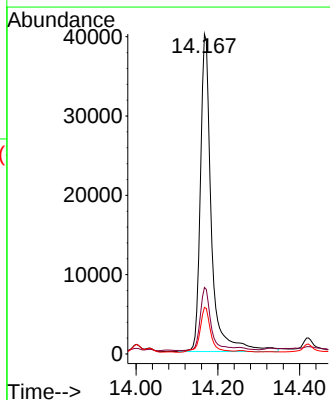
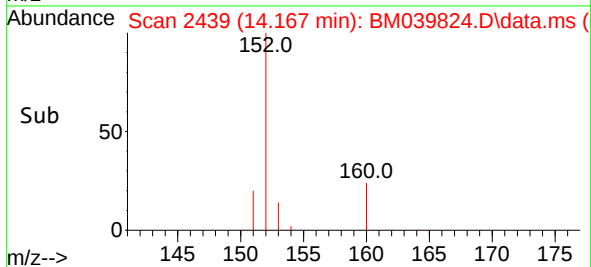
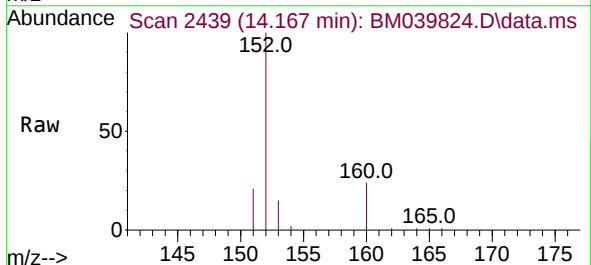
Manual Integrations
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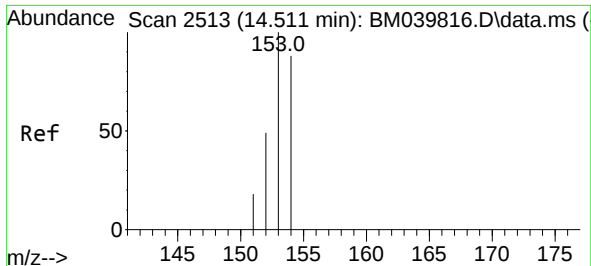
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 2.830 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

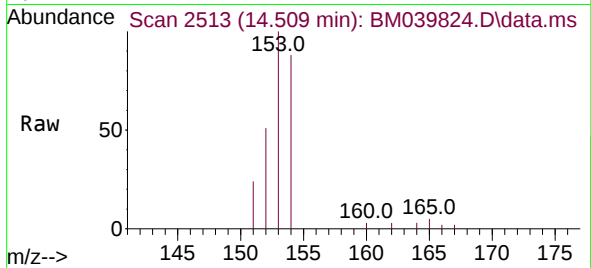
Tgt Ion:152 Resp: 74891
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.6 11.2 16.8





#11
Acenaphthene
Concen: 0.791 ng/ul
RT: 14.509 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

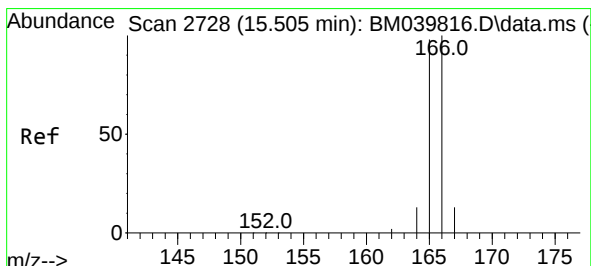
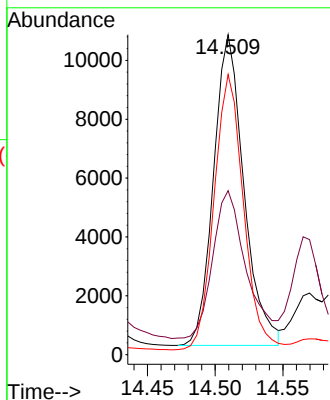
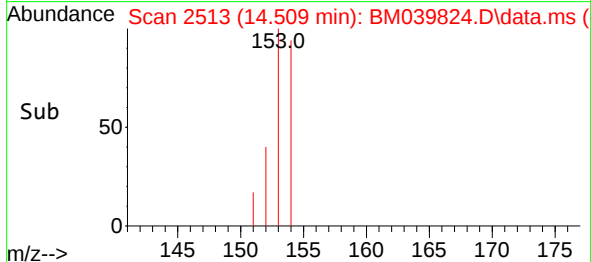
Instrument :
BNA_M
ClientSampleId :
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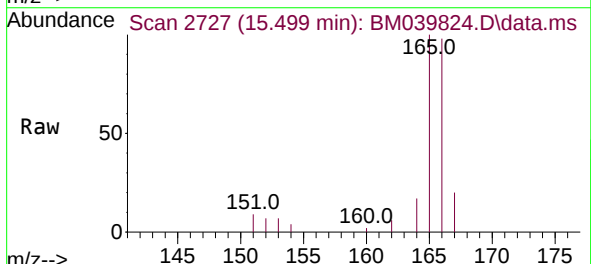
Tgt Ion:153 Resp: 16440
Ion Ratio Lower Upper
153 100
152 51.3 40.6 61.0
154 87.6 71.9 107.9

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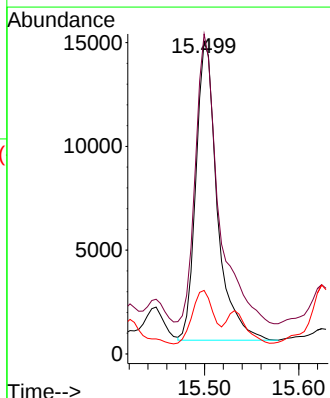
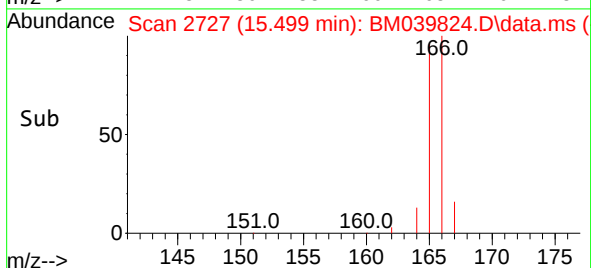
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

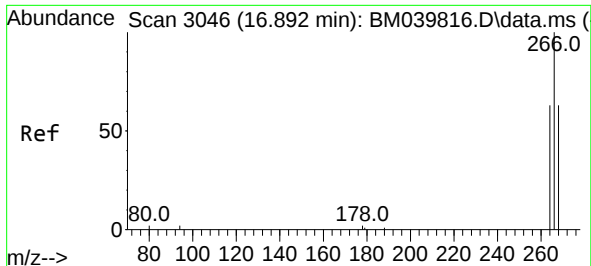


#12
Fluorene
Concen: 0.981 ng/ul
RT: 15.499 min Scan# 2727
Delta R.T. -0.006 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57



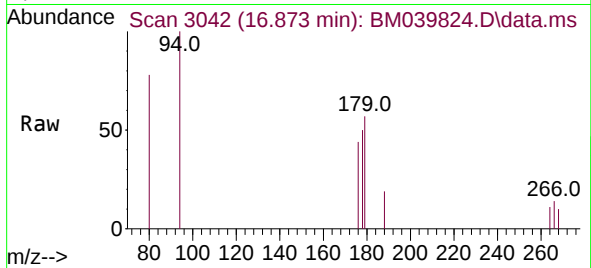
Tgt Ion:166 Resp: 22613
Ion Ratio Lower Upper
166 100
165 102.3 79.0 118.6
167 20.3 11.8 17.6#





#14
Pentachlorophenol
Concen: 0.127 ng/ul
RT: 16.873 min Scan# 3042
Delta R.T. -0.014 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

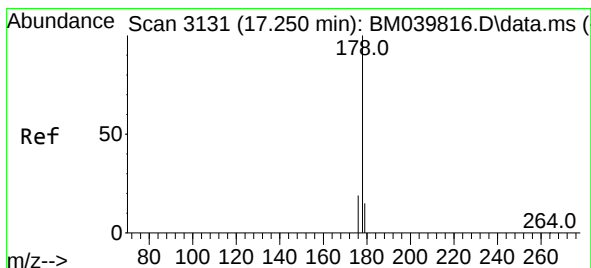
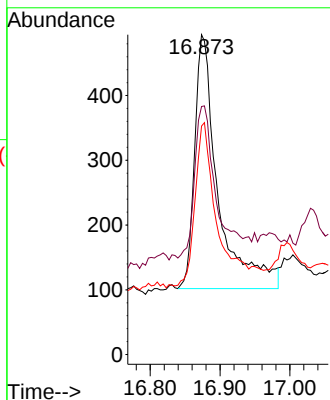
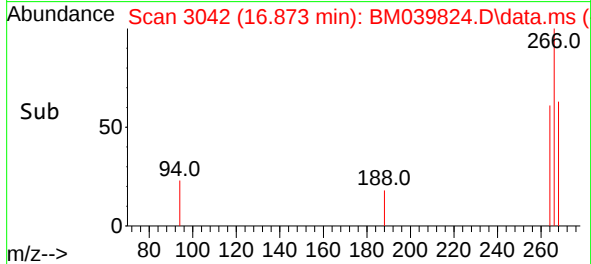
Instrument :
BNA_M
ClientSampleId :
EW925RE



Tgt Ion:266 Resp: 914
Ion Ratio Lower Upper
266 100
264 69.1 48.8 73.2
268 66.3 50.4 75.6

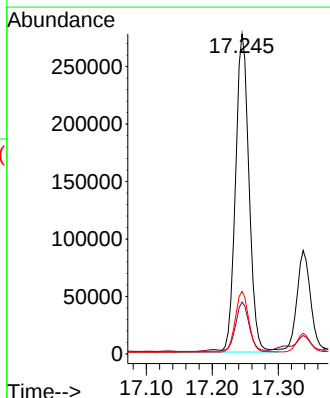
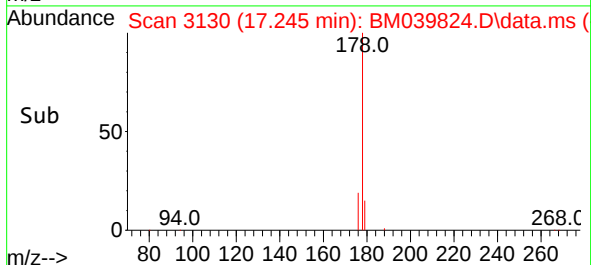
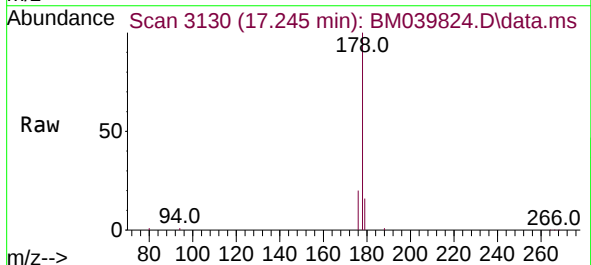
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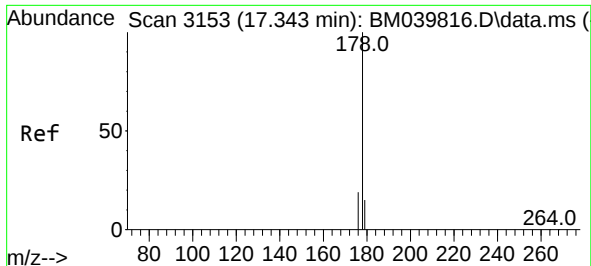
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#15
Phenanthrene
Concen: 4.512 ng/ul
RT: 17.245 min Scan# 3130
Delta R.T. -0.001 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

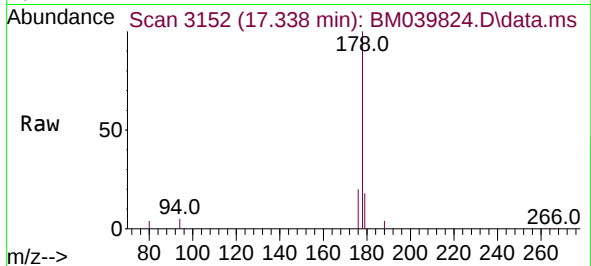
Tgt Ion:178 Resp: 392625
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.5 15.8 23.8





#16
 Anthracene
 Concen: 1.609 ng/ul
 RT: 17.338 min Scan# 3153
 Delta R.T. -0.005 min
 Lab File: BM039824.D
 Acq: 03 May 2023 04:57

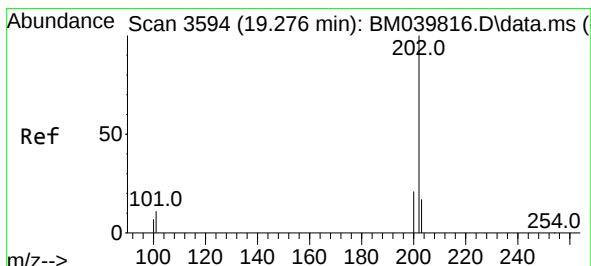
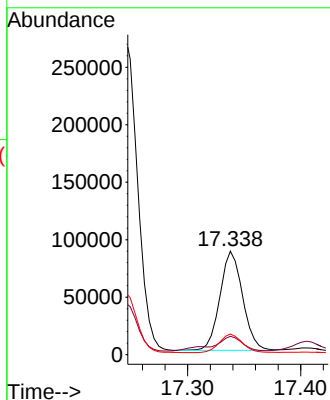
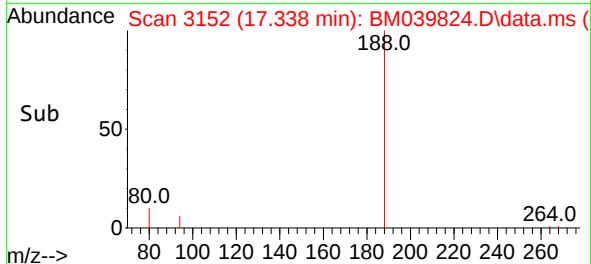
Instrument :
 BNA_M
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Tgt Ion:178 Resp: 12022
 Ion Ratio Lower Upper
 178 100
 179 17.7 13.8 20.6
 176 19.9 15.8 23.8

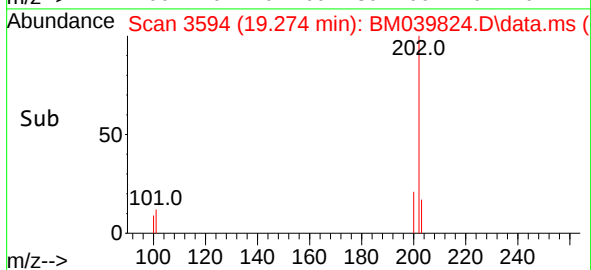
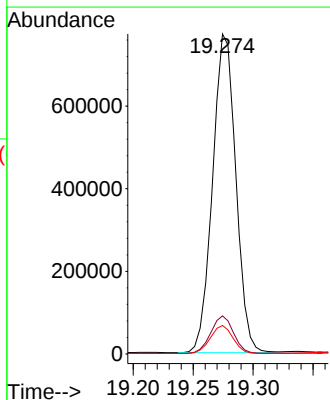
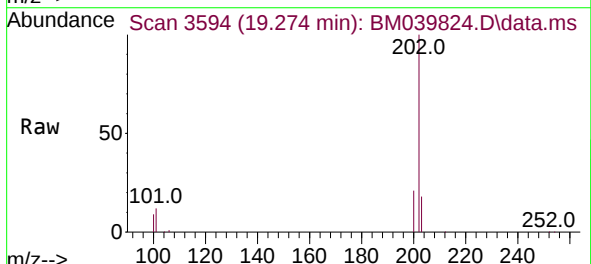
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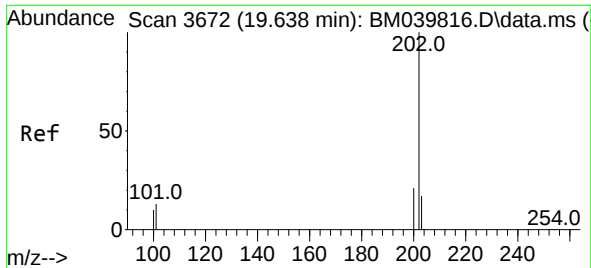
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#19
 Fluoranthene
 Concen: 41.634 ng/ul
 RT: 19.274 min Scan# 3594
 Delta R.T. 0.003 min
 Lab File: BM039824.D
 Acq: 03 May 2023 04:57

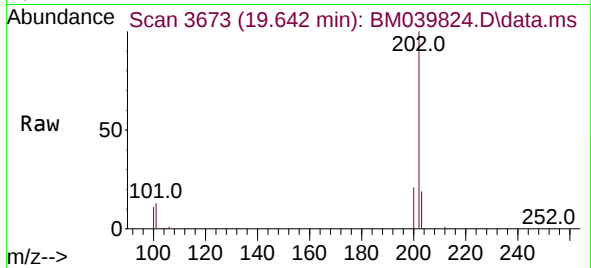
Tgt Ion:202 Resp: 1043010
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.8 14.8
 100 8.9 7.3 10.9





#20
Pyrene
Concen: 37.020 ng/ul
RT: 19.642 min Scan# 30
Delta R.T. 0.008 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

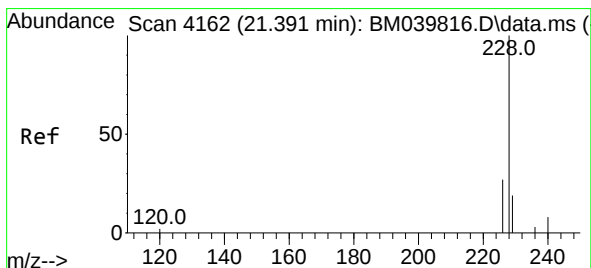
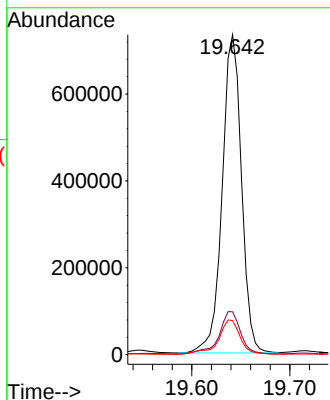
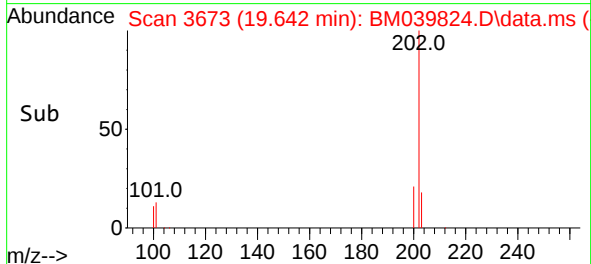
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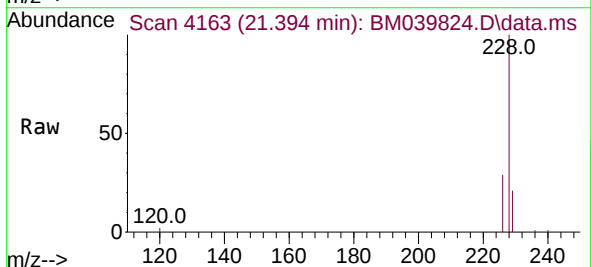
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Ion Ratio Lower Upper
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101 13.4 10.9 16.3
100 10.7 8.9 13.3

Manual Integrations
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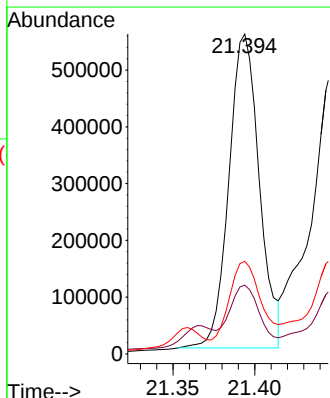
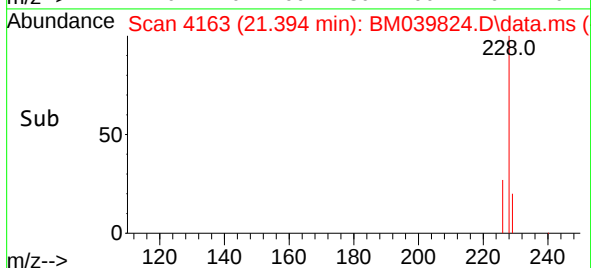
Reviewed By :Christian Giraldo 05/03/2023
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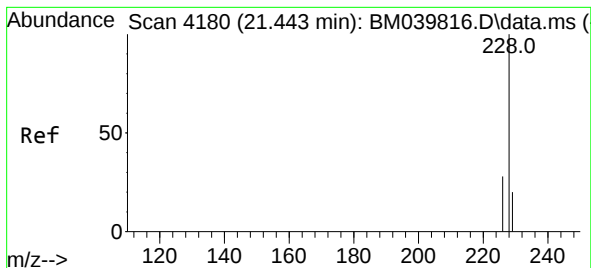


#21
Benzo(a)anthracene
Concen: 35.548 ng/ul
RT: 21.394 min Scan# 4163
Delta R.T. 0.005 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57



Tgt Ion:228 Resp: 717681
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.9 21.6 32.4





#22

Chrysene

Concen: 32.875 ng/ul

RT: 21.446 min Scan# 41

Delta R.T. 0.005 min

Lab File: BM039824.D

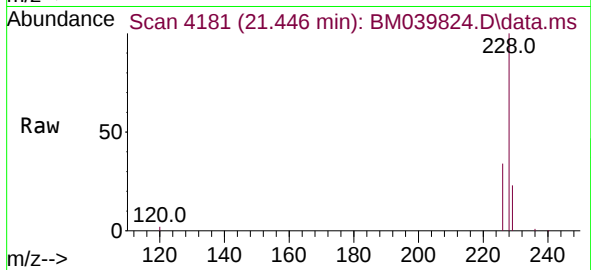
Acq: 03 May 2023 04:57

Instrument :

BNA_M

ClientSampleId :

EW925RE



Tgt Ion:228 Resp: 751118

Ion Ratio Lower Upper

228 100

226 33.5 24.3 36.5

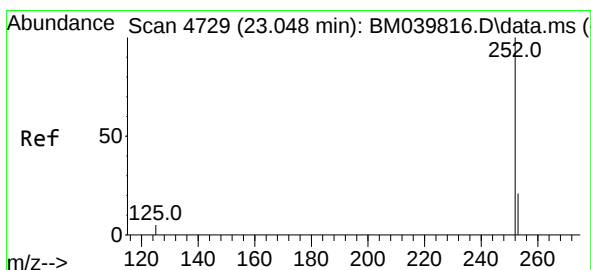
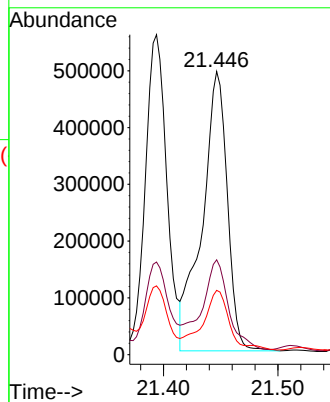
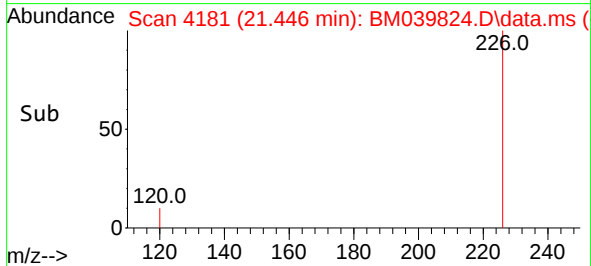
229 22.7 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#24

Benzo(b)fluoranthene

Concen: 39.263 ng/ul m

RT: 23.063 min Scan# 4734

Delta R.T. 0.019 min

Lab File: BM039824.D

Acq: 03 May 2023 04:57

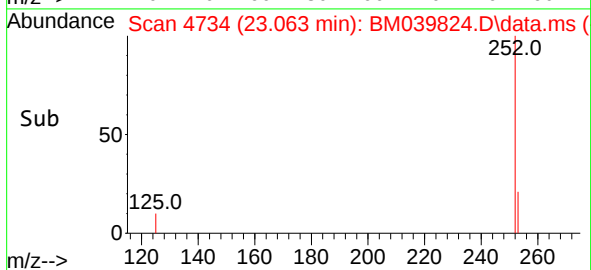
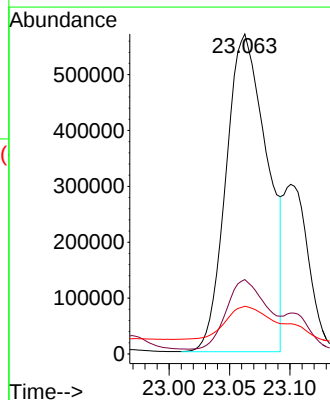
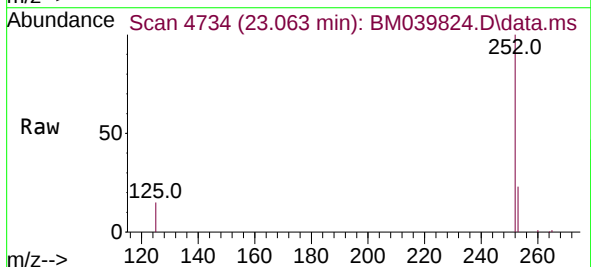
Tgt Ion:252 Resp: 1344135

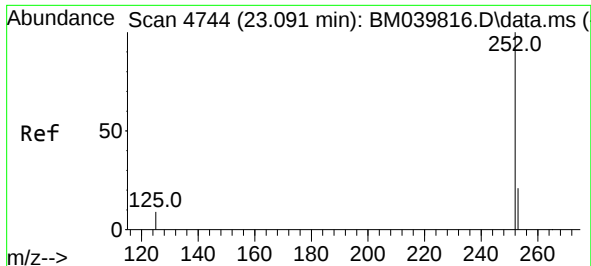
Ion Ratio Lower Upper

252 100

253 23.2 0.0 52.8

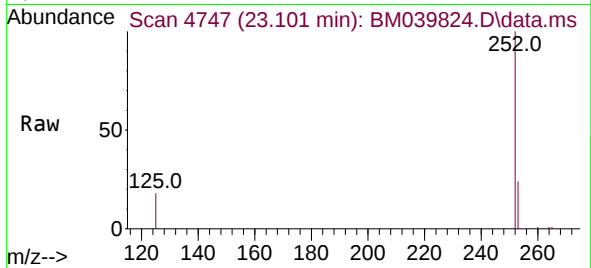
125 14.9 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 12.534 ng/ul m
RT: 23.101 min Scan# 41
Delta R.T. 0.013 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

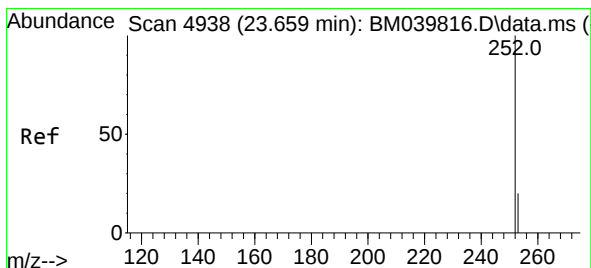
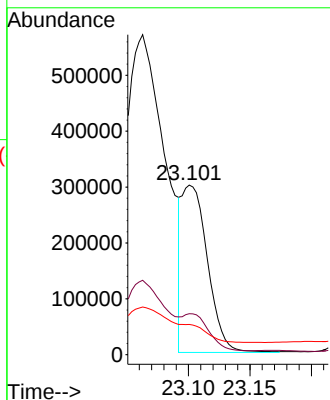
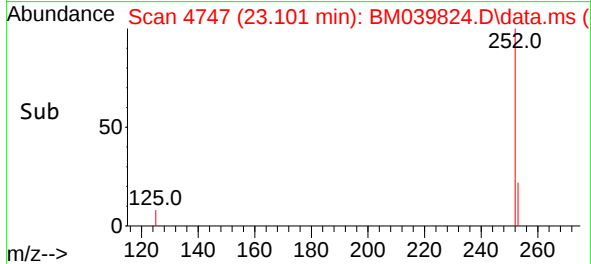
Instrument :
BNA_M
ClientSampleId :
EW925RE



Tgt Ion:252 Resp: 436925
Ion Ratio Lower Upper
252 100
253 24.1 21.3 31.9
125 17.8 13.0 19.6

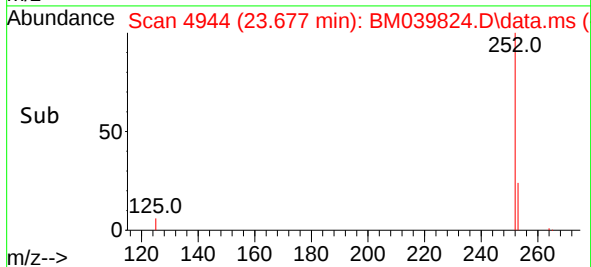
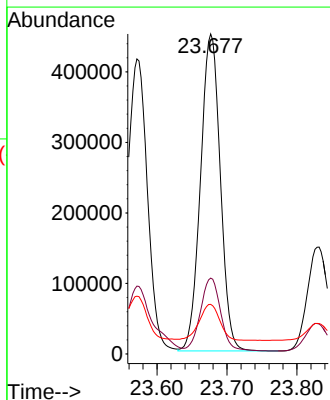
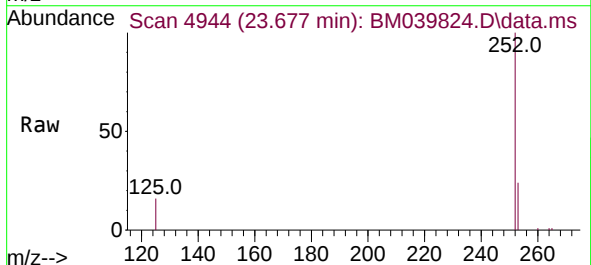
Manual Integrations
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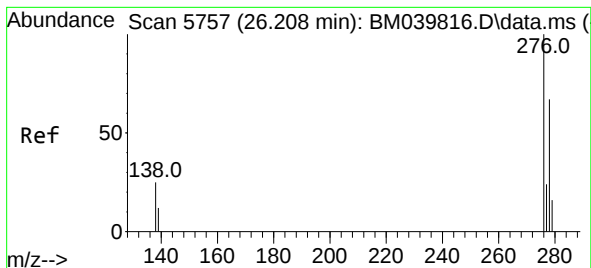
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
Benzo(a)pyrene
Concen: 28.741 ng/ul
RT: 23.677 min Scan# 4944
Delta R.T. 0.019 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

Tgt Ion:252 Resp: 883386
Ion Ratio Lower Upper
252 100
253 23.7 24.7 37.1#
125 15.5 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 23.685 ng/ul

RT: 26.238 min Scan# 5766

Delta R.T. 0.036 min

Lab File: BM039824.D

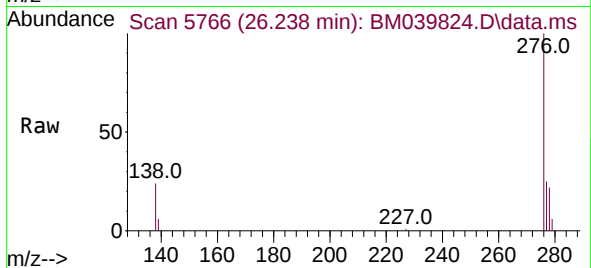
Acq: 03 May 2023 04:57

Instrument :

BNM

ClientSampleId :

EW925RE



Tgt Ion:276 Resp: 920512

Ion Ratio Lower Upper

276 100

138 22.4 21.1 31.7

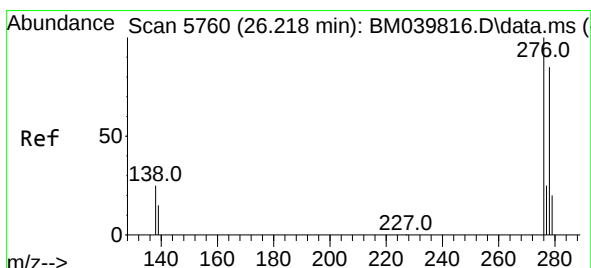
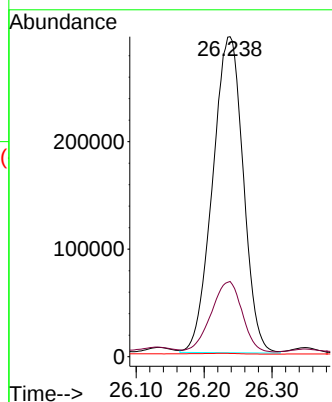
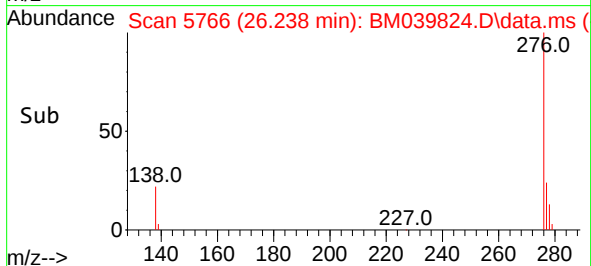
227 0.4 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#28

Dibenzo(a,h)anthracene

Concen: 7.874 ng/ul

RT: 26.228 min Scan# 5763

Delta R.T. 0.016 min

Lab File: BM039824.D

Acq: 03 May 2023 04:57

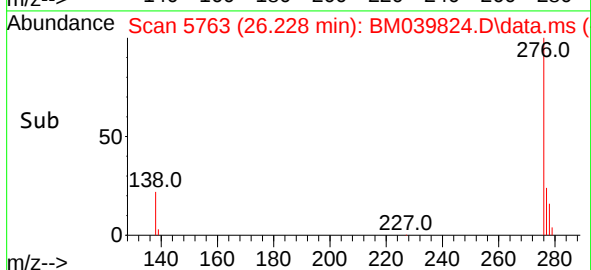
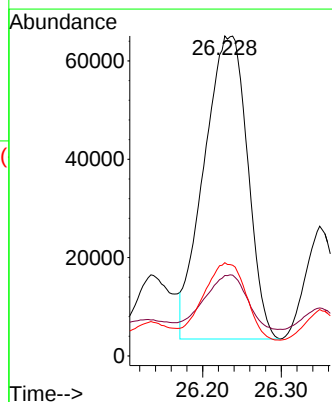
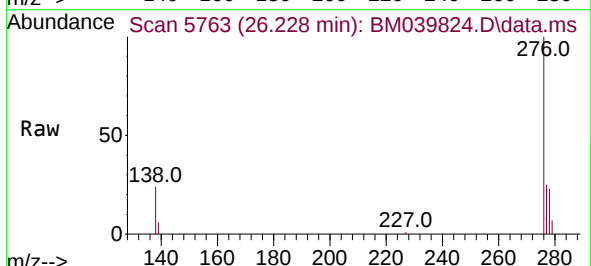
Tgt Ion:278 Resp: 237535

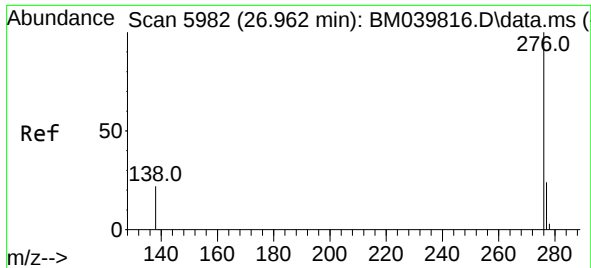
Ion Ratio Lower Upper

278 100

139 25.2 17.0 25.6

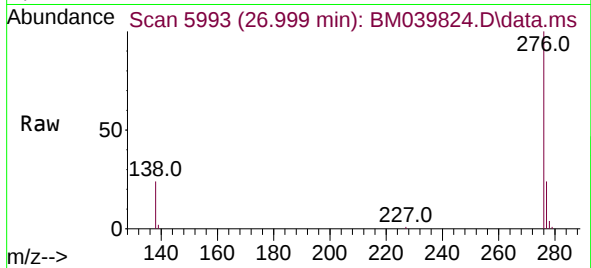
279 29.1 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 31.550 ng/ul
RT: 26.999 min Scan# 5993
Delta R.T. 0.052 min
Lab File: BM039824.D
Acq: 03 May 2023 04:57

Instrument :
BNA_M
ClientSampleId :
EW925RE



Tgt Ion:276 Resp: 1068469
Ion Ratio Lower Upper
276 100
138 23.6 20.1 30.1
277 24.4 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

