

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039813.D
 Acq On : 02 May 2023 21:43
 Operator : CG/JU
 Sample : 02419-26DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW923DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 04:17:55 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	7.796	152	3188	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10579	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	11138	0.400	ng/ul	0.00
17) Chrysene-d12	21.405	240	6975	0.400	ng/ul	# 0.00
23) Perylene-d12	23.761	264	11031	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1794	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	426	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	916	0.049	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.645	128	10724	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	4576	0.298	ng/ul	97
8) 1-Methylnaphthalene	12.487	142	5276	0.321	ng/ul	100
10) Acenaphthylene	14.168	152	70149	3.252	ng/ul	99
11) Acenaphthene	14.511	153	23620	1.394	ng/ul	99
12) Fluorene	15.505	166	35446	1.886	ng/ul	98
15) Phenanthrene	17.246	178	793639	27.046	ng/ul	98
16) Anthracene	17.339	178	217674	8.639	ng/ul	97
19) Fluoranthene	19.271	202	2165359	87.018	ng/ul	100
20) Pyrene	19.638	202	1805496	67.188	ng/ul	100
21) Benzo(a)anthracene	21.388	228	1089079	54.307	ng/ul	99
22) Chrysene	21.443	228	1024521	45.143	ng/ul	98
24) Benzo(b)fluoranthene	23.051	252	1437206	37.099	ng/ul	92
25) Benzo(k)fluoranthene	23.089	252	472103m	11.968	ng/ul	
26) Benzo(a)pyrene	23.662	252	921428	26.492	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.208	276	661472	15.040	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.204	278	185518	5.435	ng/ul	97
29) Benzo(g,h,i)perylene	26.962	276	571625	14.916	ng/ul	97

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

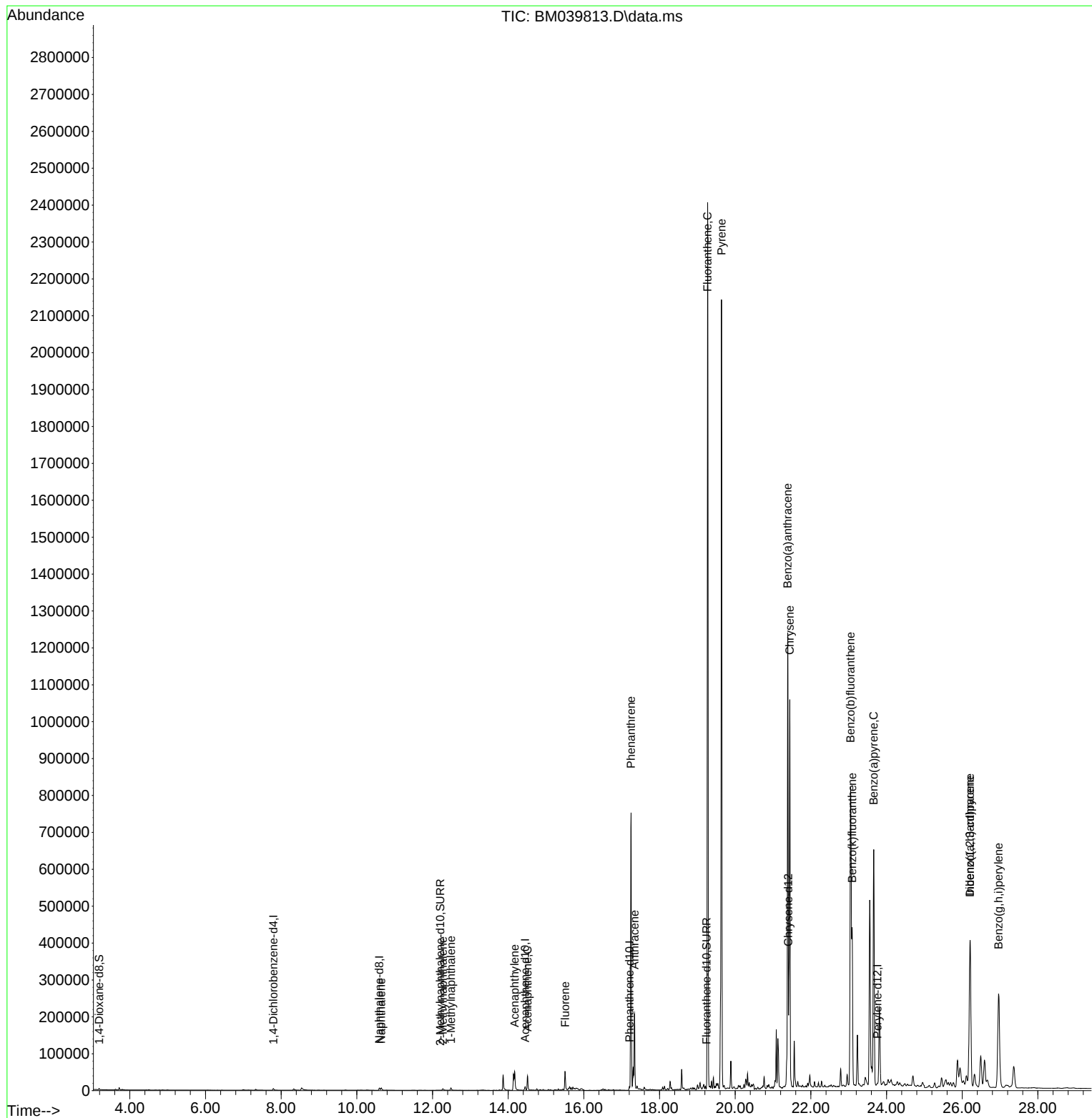
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039813.D
Acq On : 02 May 2023 21:43
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ALS Vial : 16 Sample Multiplier: 1

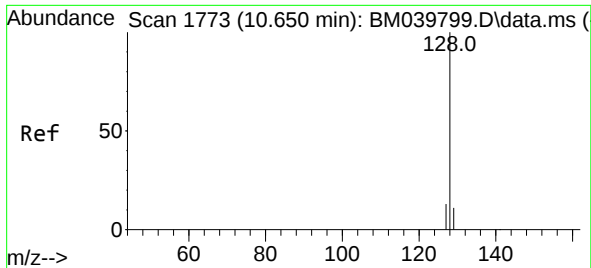
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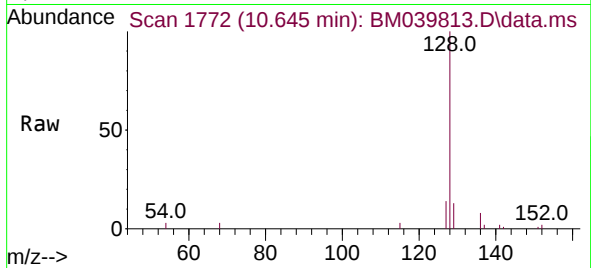
Quant Time: May 03 04:17:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

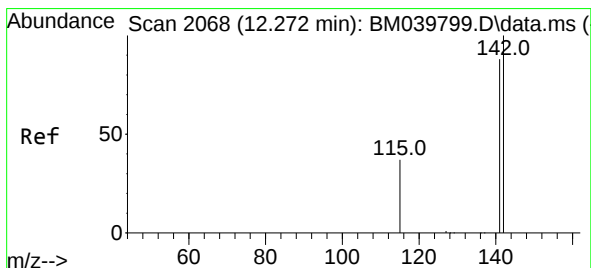
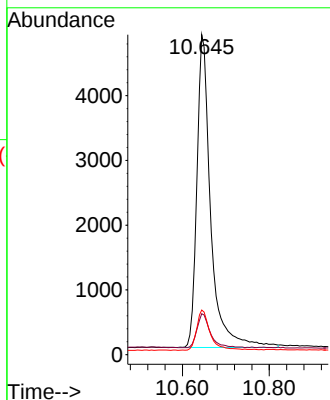
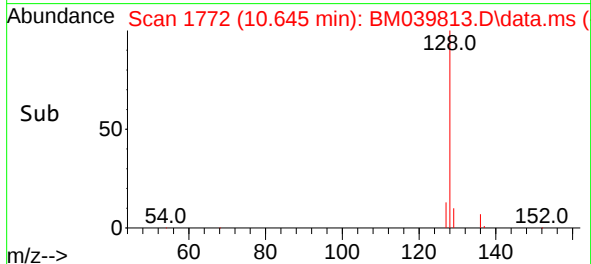
Instrument :
BNA_M
ClientSampleId :
EW923DL



Tgt Ion:128 Resp: 10724
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 13.9 11.1 16.7

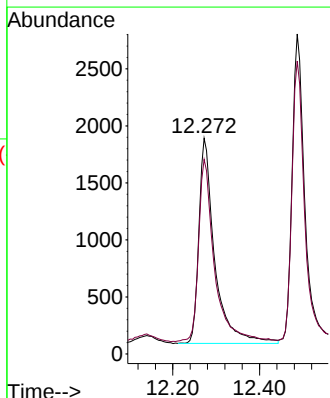
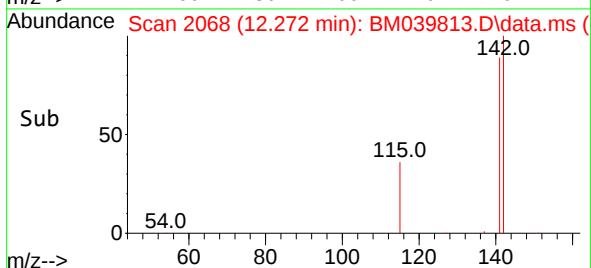
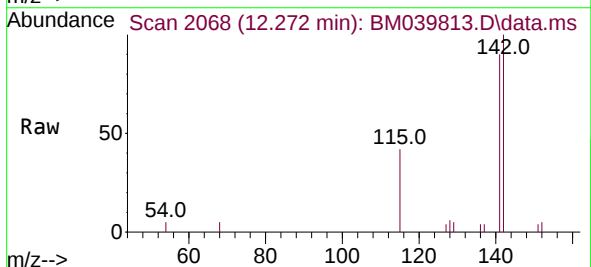
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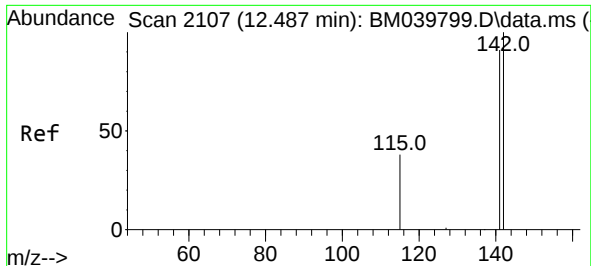
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

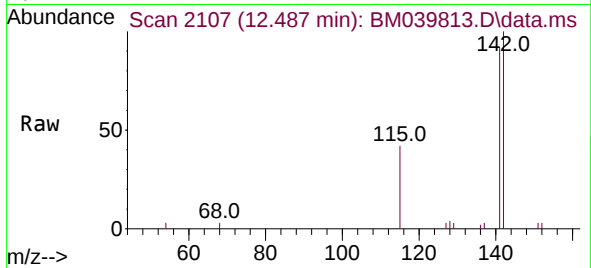
Tgt Ion:142 Resp: 4576
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

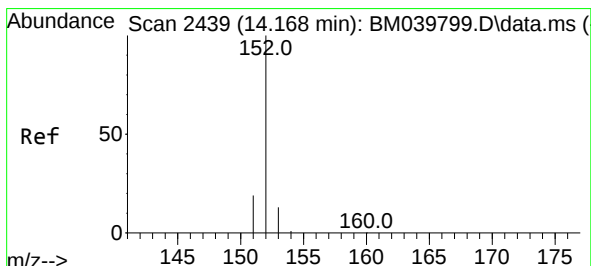
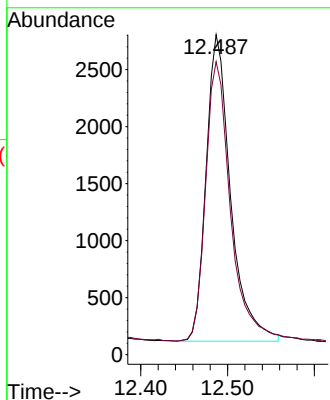
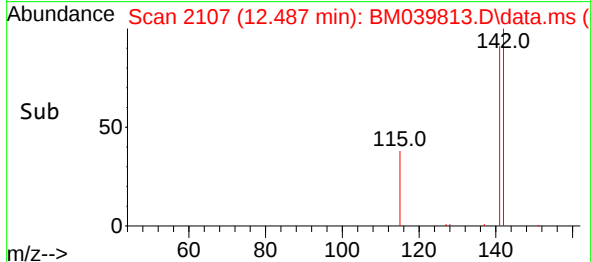
Instrument :
BNA_M
ClientSampleId :
EW923DL



Tgt Ion:142 Resp: 5270
Ion Ratio Lower Upper
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141 92.0 73.4 110.2

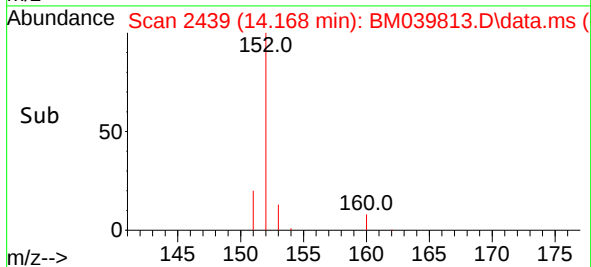
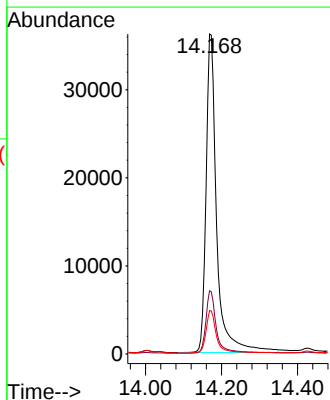
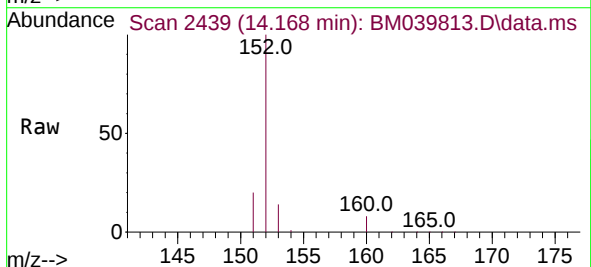
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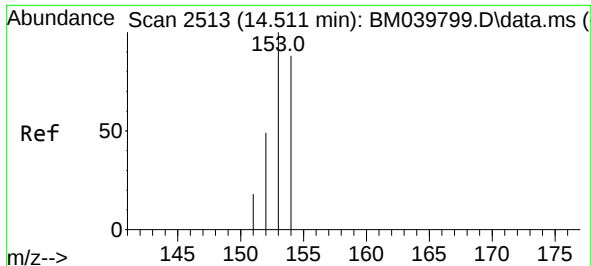
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 3.252 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

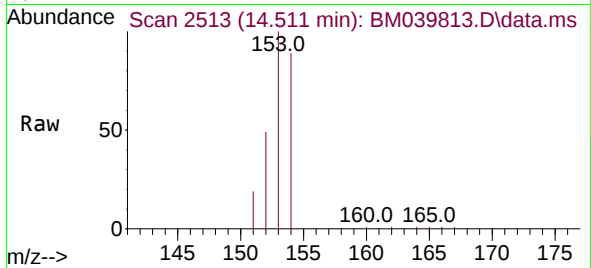
Tgt Ion:152 Resp: 70149
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.5 11.2 16.8





#11
Acenaphthene
Concen: 1.394 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

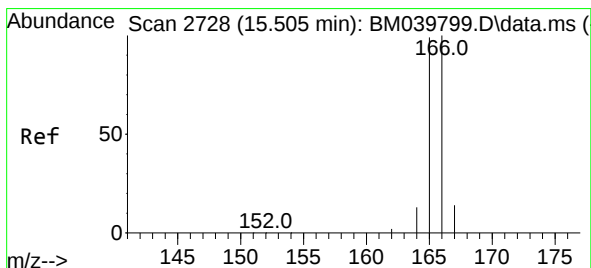
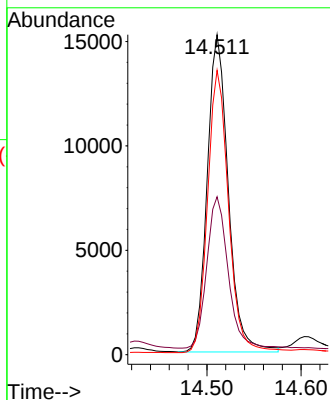
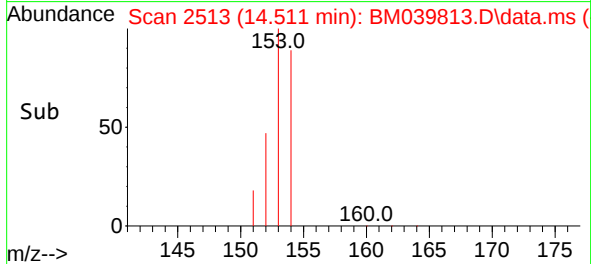
Instrument :
BNA_M
ClientSampleId :
EW923DL



Tgt Ion:153 Resp: 23620
Ion Ratio Lower Upper
153 100
152 49.4 40.6 61.0
154 88.8 71.9 107.9

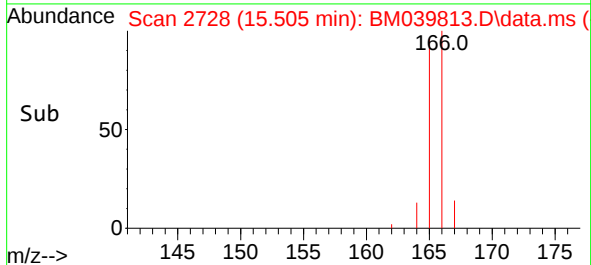
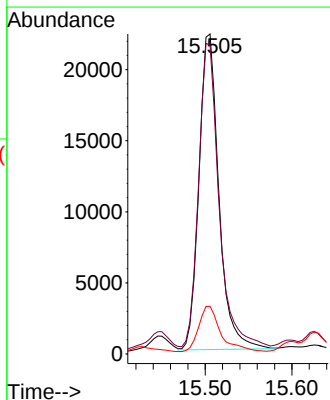
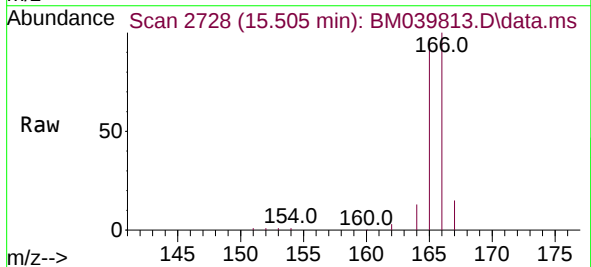
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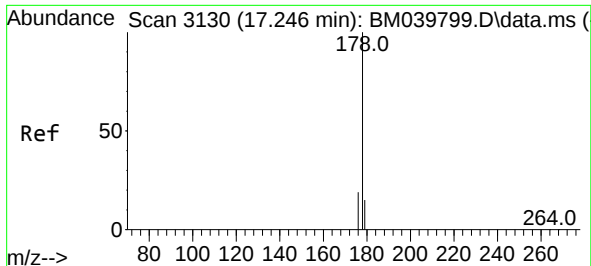
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 1.886 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

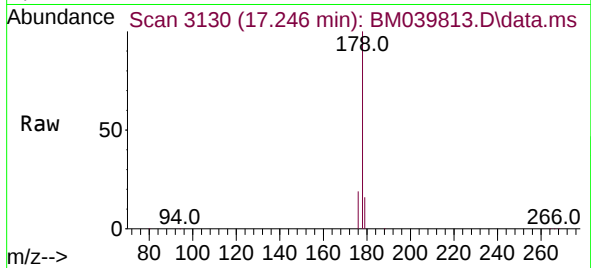
Tgt Ion:166 Resp: 35446
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 14.9 11.8 17.6





#15
Phenanthrene
Concen: 27.046 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

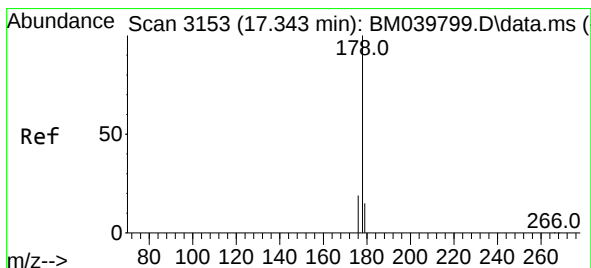
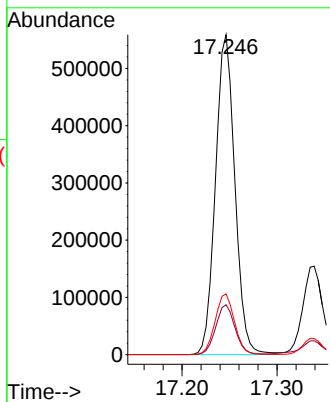
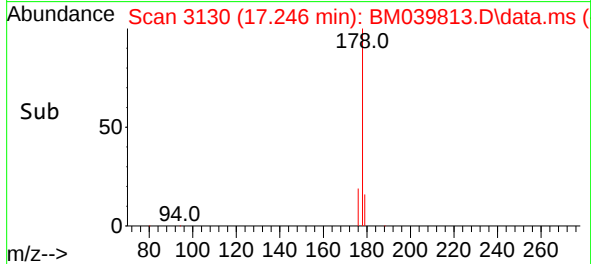
Instrument :
BNA_M
ClientSampleId :
EW923DL



Tgt Ion:178 Resp: 793639
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.0 15.8 23.8

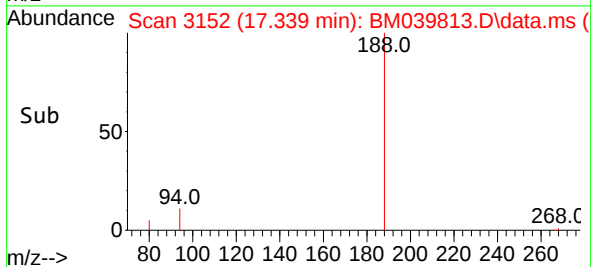
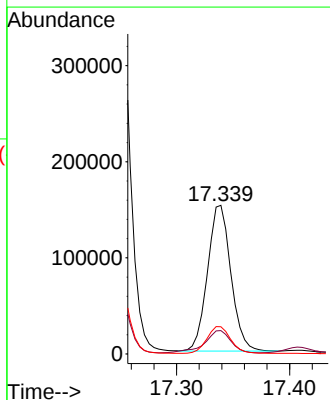
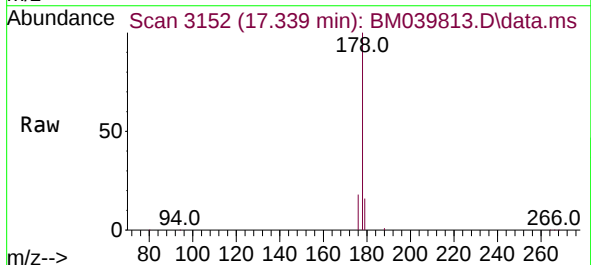
Manual Integrations
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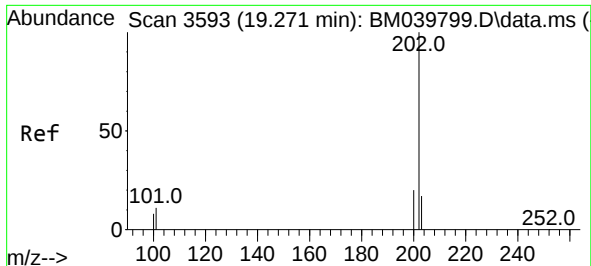
Reviewed By :Christian Giraldo 05/03/2023
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#16
Anthracene
Concen: 8.639 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

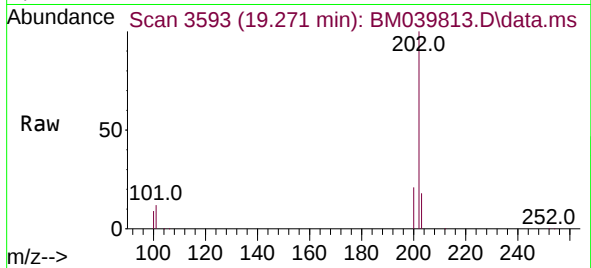
Tgt Ion:178 Resp: 217674
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.6
176 18.3 15.8 23.8





#19
Fluoranthene
Concen: 87.018 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

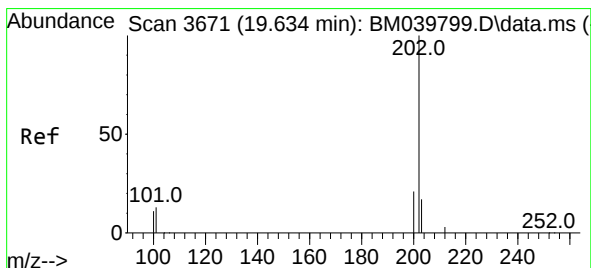
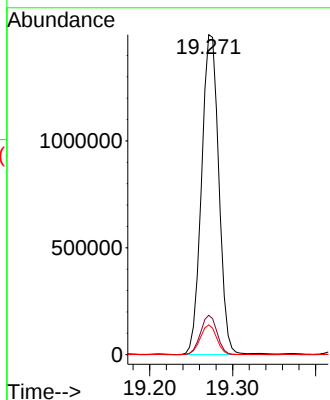
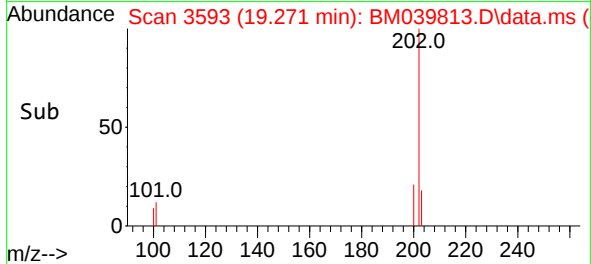
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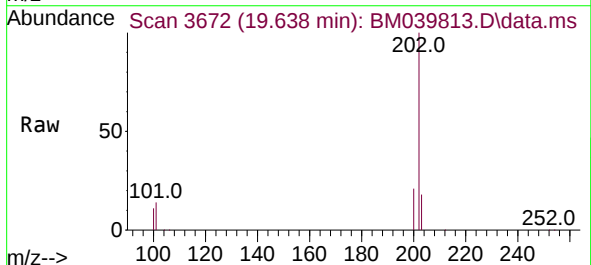
Tgt Ion:202 Resp: 2165359
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.3 7.3 10.9

Manual Integrations
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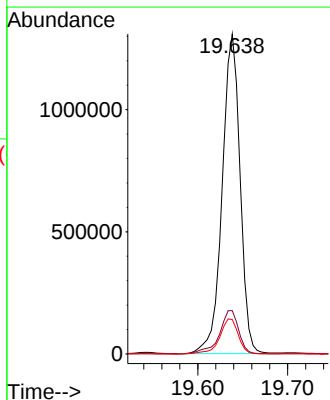
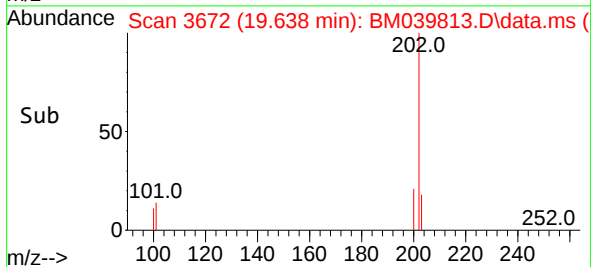
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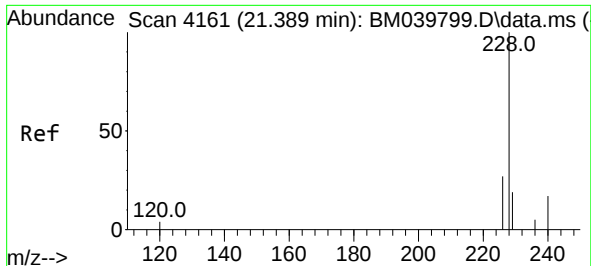


#20
Pyrene
Concen: 67.188 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43



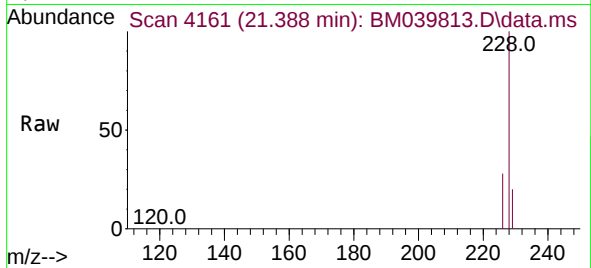
Tgt Ion:202 Resp: 1805496
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 10.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 54.307 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. -0.002 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

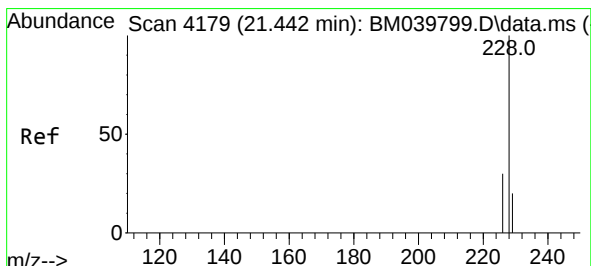
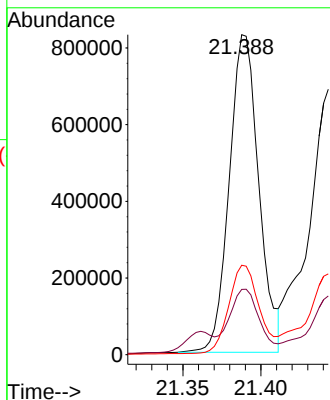
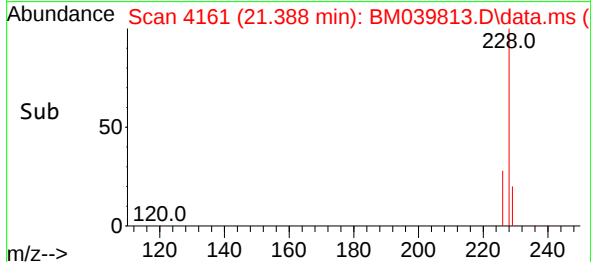
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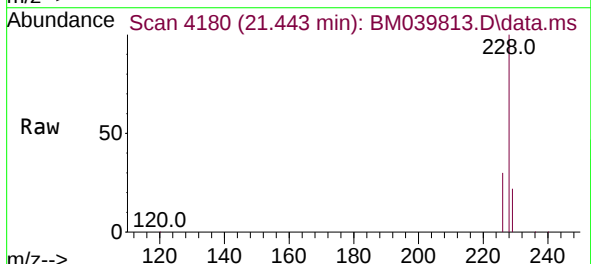
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Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.9 21.6 32.4

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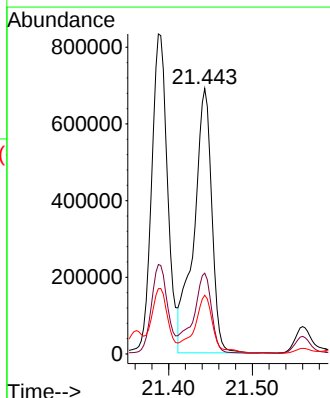
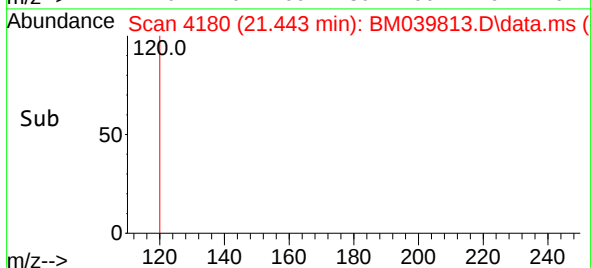
Reviewed By :Christian Giraldo 05/03/2023
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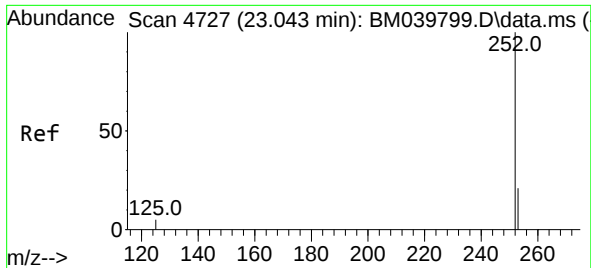


#22
Chrysene
Concen: 45.143 ng/ul
RT: 21.443 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43



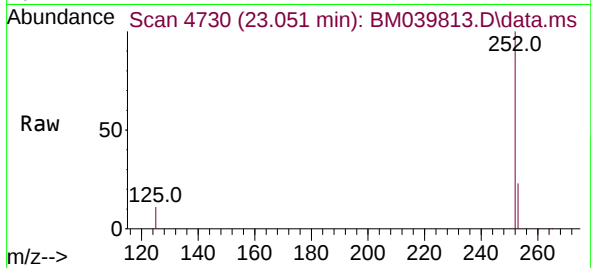
Tgt Ion:228 Resp: 1024521
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 37.099 ng/ul
RT: 23.051 min Scan# 4730
Delta R.T. 0.007 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

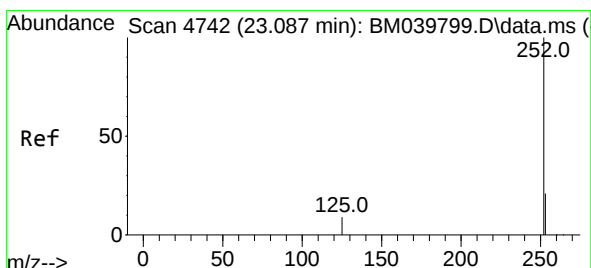
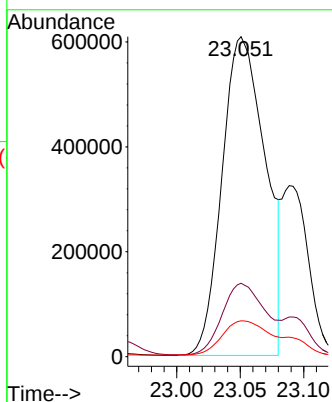
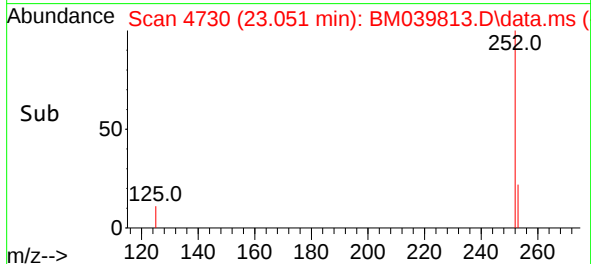
Instrument :
BNA_M
ClientSampleId :
EW923DL



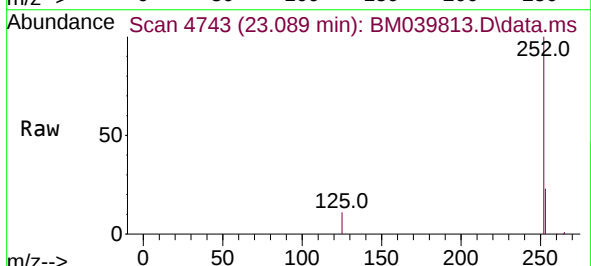
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Ion Ratio Lower Upper
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125 11.2 0.0 31.6

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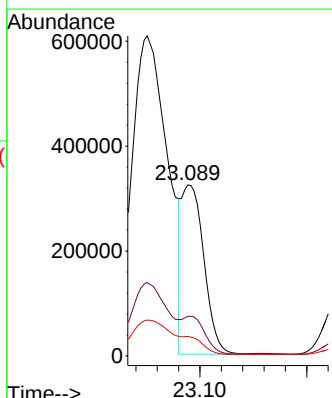
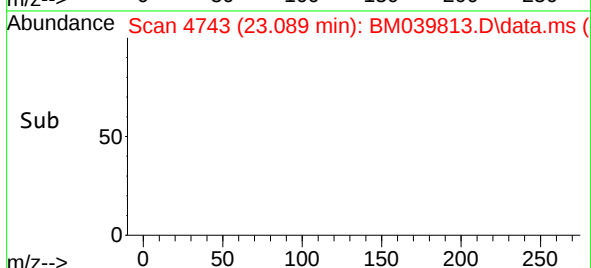
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

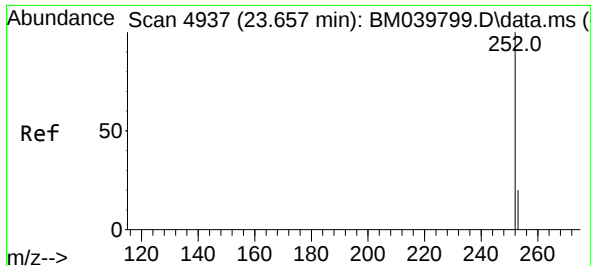


#25
Benzo(k)fluoranthene
Concen: 11.968 ng/ul m
RT: 23.089 min Scan# 4743
Delta R.T. 0.001 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43



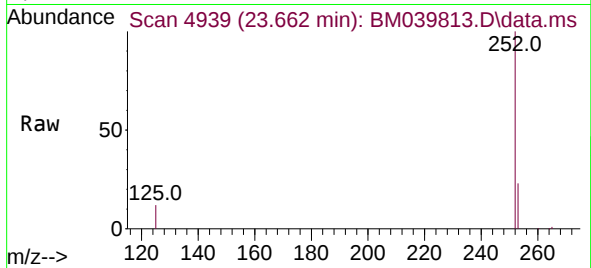
Tgt Ion:252 Resp: 472103
Ion Ratio Lower Upper
252 100
253 23.2 21.3 31.9
125 11.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 26.492 ng/ul
RT: 23.662 min Scan# 4939
Delta R.T. 0.004 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

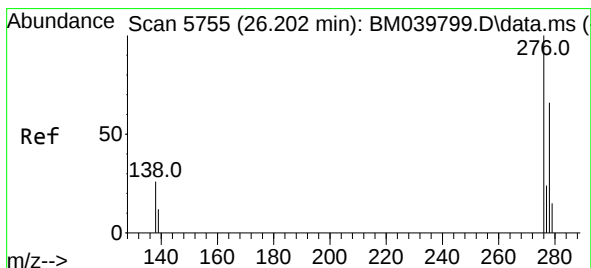
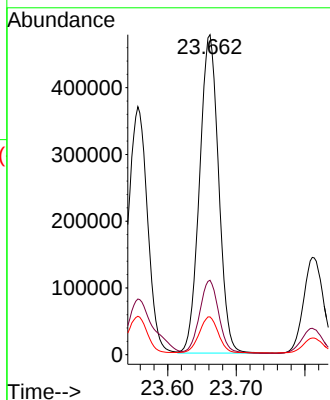
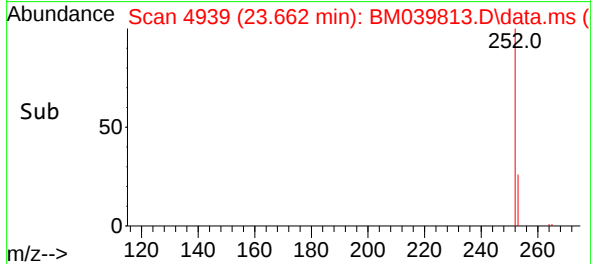
Instrument :
BNA_M
ClientSampleId :
EW923DL



Tgt Ion:252 Resp: 921428
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1
125 11.8 16.5 24.7

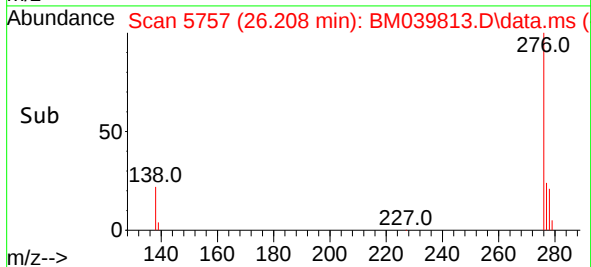
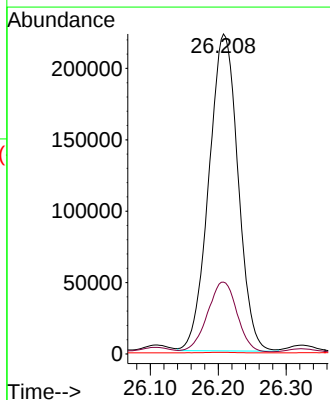
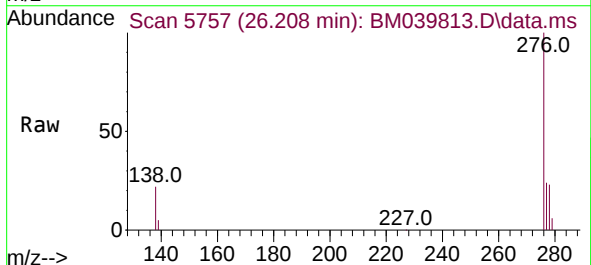
Manual Integrations
APPROVED

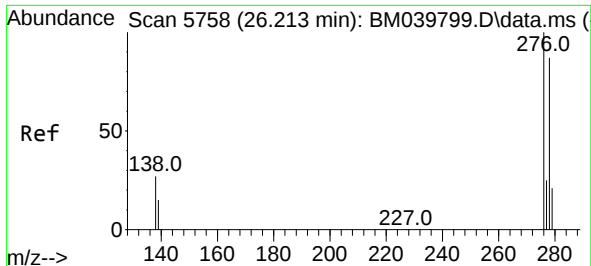
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 15.040 ng/ul
RT: 26.208 min Scan# 5757
Delta R.T. 0.005 min
Lab File: BM039813.D
Acq: 02 May 2023 21:43

Tgt Ion:276 Resp: 661472
Ion Ratio Lower Upper
276 100
138 22.3 21.1 31.7
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 5.435 ng/ul

RT: 26.204 min Scan# 51

Delta R.T. -0.008 min

Lab File: BM039813.D

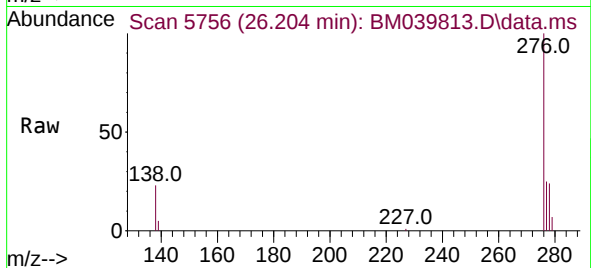
Acq: 02 May 2023 21:43

Instrument :

BNA_M

ClientSampleId :

EW923DL



Tgt Ion:278 Resp: 185518

Ion Ratio Lower Upper

278 100

139 19.8 17.0 25.6

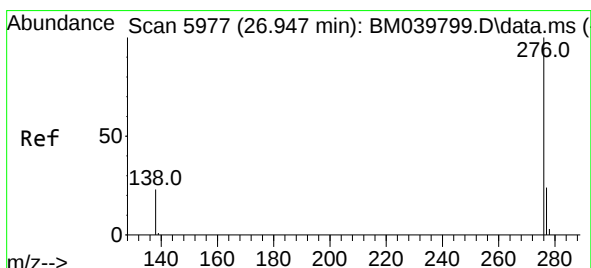
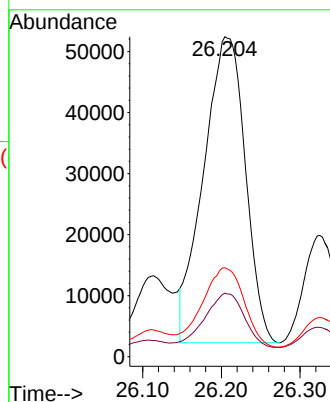
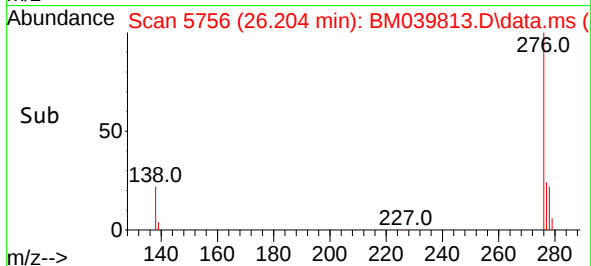
279 27.8 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#29

Benzo(g,h,i)perylene

Concen: 14.916 ng/ul

RT: 26.962 min Scan# 5982

Delta R.T. 0.015 min

Lab File: BM039813.D

Acq: 02 May 2023 21:43

Tgt Ion:276 Resp: 571625

Ion Ratio Lower Upper

276 100

138 22.8 20.1 30.1

277 24.2 20.1 30.1

