

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039792.D
 Acq On : 02 May 2023 00:02
 Operator : CG/JU
 Sample : 02418-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8DL

Manual Integrations
 APPROVED

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

Quant Time: May 02 01:28:28 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	4050	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.594	136	15573	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	9078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	18813	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	8735	0.400	ng/ul	# 0.00
23) Perylene-d12	23.759	264	10531	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3443	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1206	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	2302	0.098	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.643	128	12306	0.315	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	5445	0.241	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	5253	0.217	ng/ul	99
10) Acenaphthylene	14.172	152	42101	1.198	ng/ul	100
11) Acenaphthene	14.514	153	24621	0.892	ng/ul	99
12) Fluorene	15.504	166	28523	0.931	ng/ul	98
15) Phenanthrene	17.245	178	516652	10.424	ng/ul	98
16) Anthracene	17.338	178	119320	2.804	ng/ul	97
19) Fluoranthene	19.270	202	1045906	33.562	ng/ul	99
20) Pyrene	19.637	202	848590	25.216	ng/ul	98
21) Benzo(a)anthracene	21.385	228	416876	16.599	ng/ul	99
22) Chrysene	21.438	228	387415	13.631	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	533655m	14.429	ng/ul	
25) Benzo(k)fluoranthene	23.086	252	159847m	4.245	ng/ul	
26) Benzo(a)pyrene	23.653	252	368874	11.109	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.198	276	279582	6.659	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.201	278	68243	2.094	ng/ul	98
29) Benzo(g,h,i)perylene	26.949	276	244476	6.682	ng/ul	98

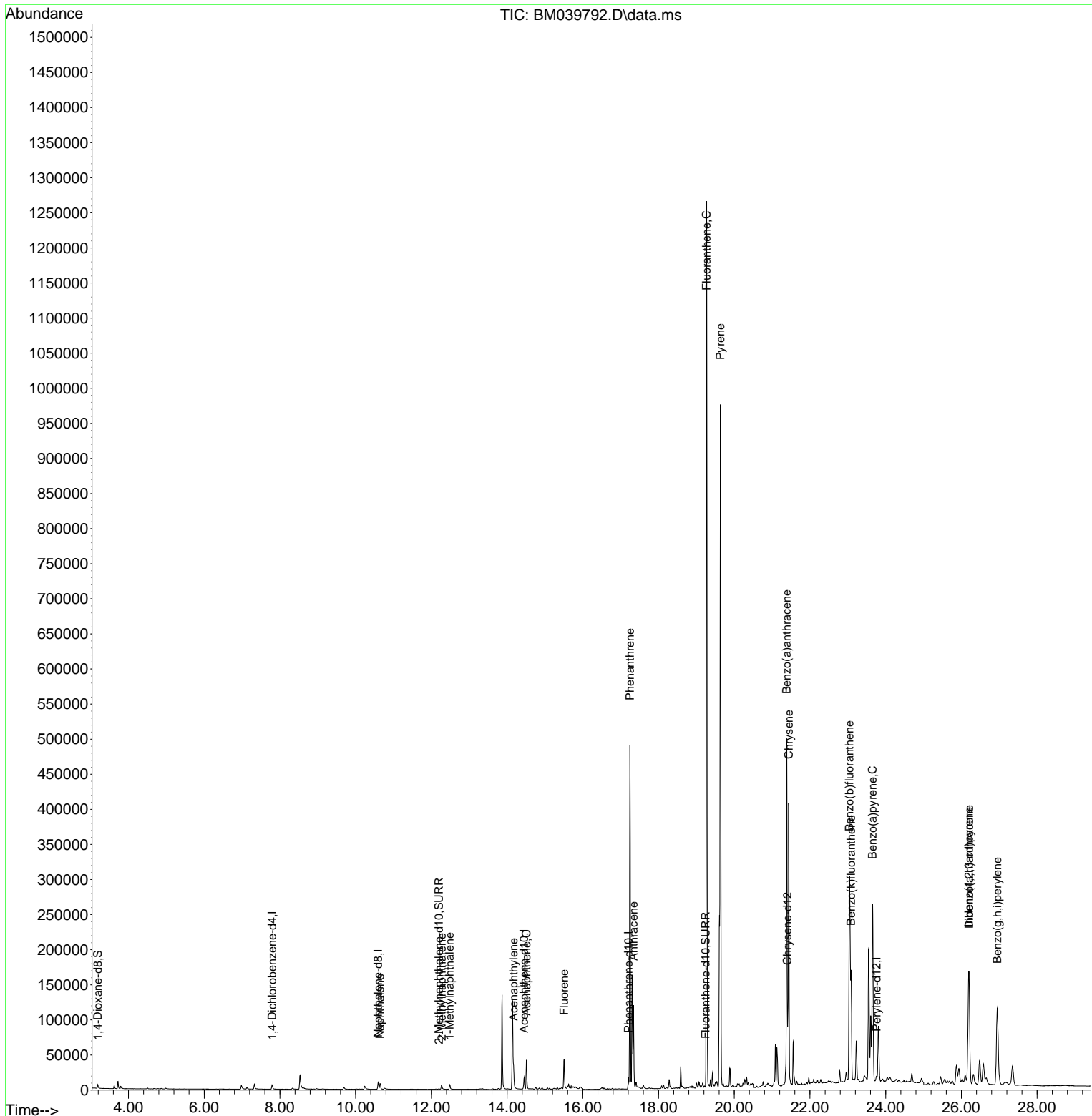
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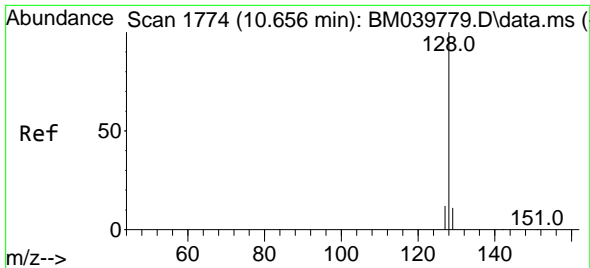
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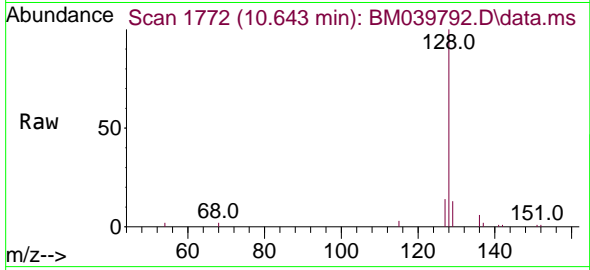
Manual Integrations
APPROVED
 Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023





#5
 Naphthalene
 Concen: 0.315 ng/u1
 RT: 10.643 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

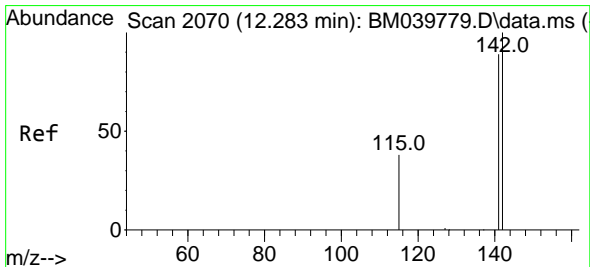
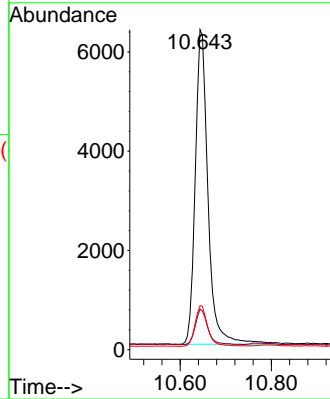
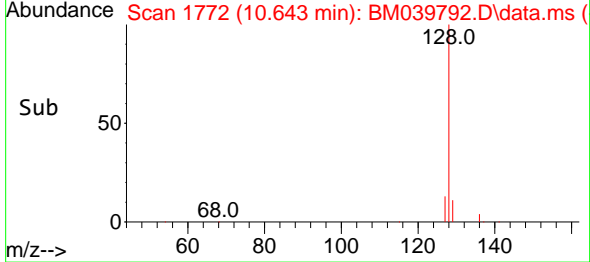
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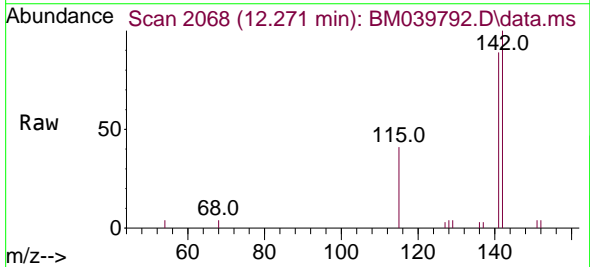
Tgt Ion:128 Resp: 12300
 Ion Ratio Lower Upper
 128 100
 129 12.7 9.8 14.6
 127 13.8 11.1 16.7

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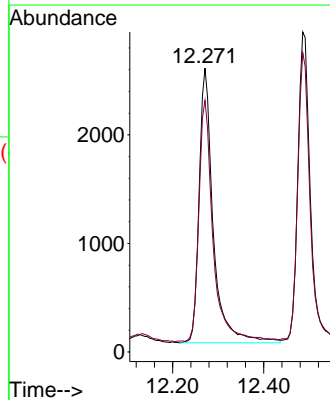
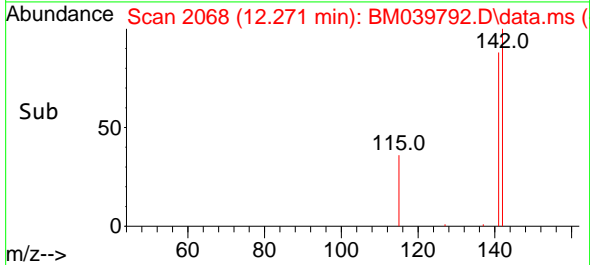
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

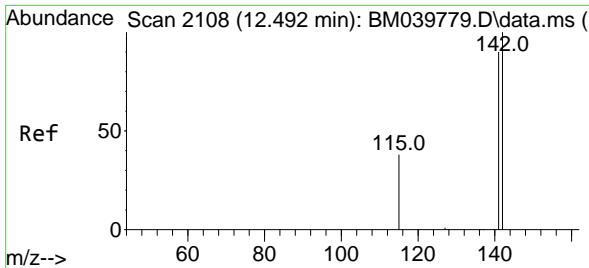


#7
 2-Methylnaphthalene
 Concen: 0.241 ng/u1
 RT: 12.271 min Scan# 2068
 Delta R.T. -0.007 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



Tgt Ion:142 Resp: 5445
 Ion Ratio Lower Upper
 142 100
 141 88.8 73.2 109.8





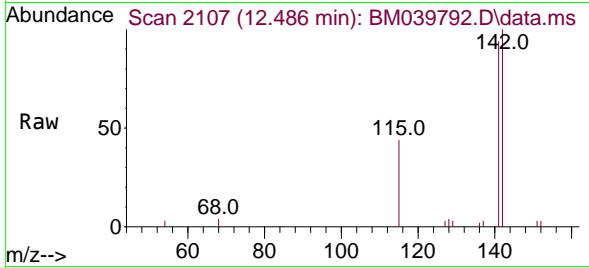
#8
 1-Methylnaphthalene
 Concen: 0.217 ng/ul
 RT: 12.486 min Scan# 2107
 Delta R.T. -0.007 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

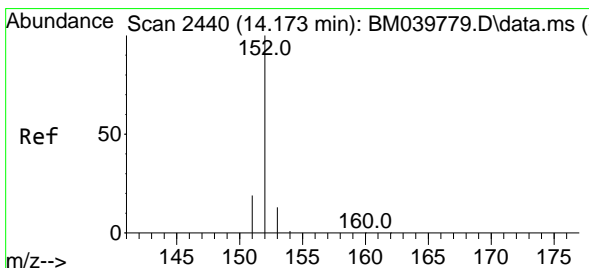
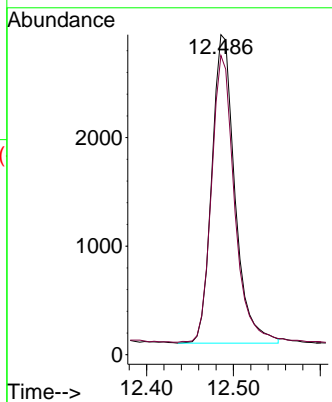
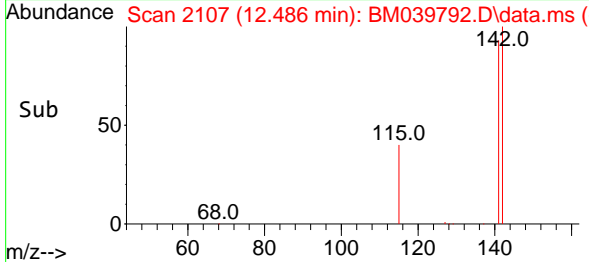


Tgt Ion:142 Resp: 525
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.4 110.2

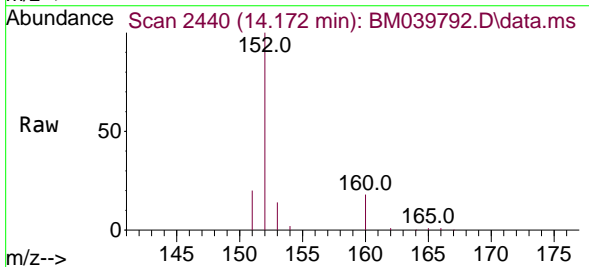
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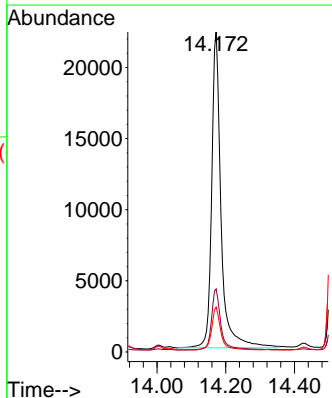
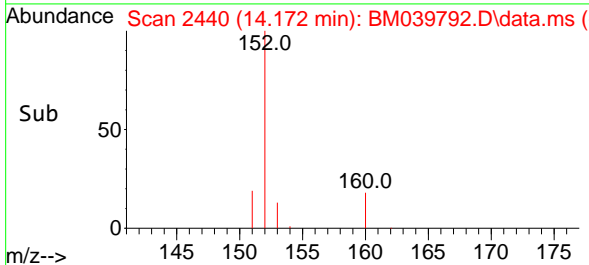
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

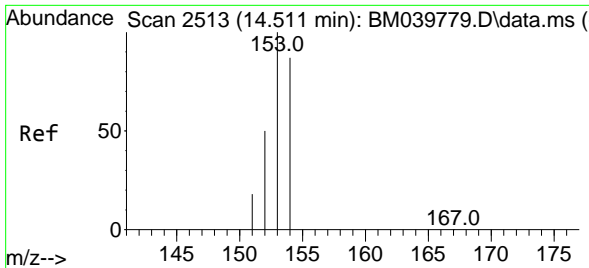


#10
 Acenaphthylene
 Concen: 1.198 ng/ul
 RT: 14.172 min Scan# 2440
 Delta R.T. -0.001 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



Tgt Ion:152 Resp: 42101
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.0 24.0
 153 14.0 11.2 16.8





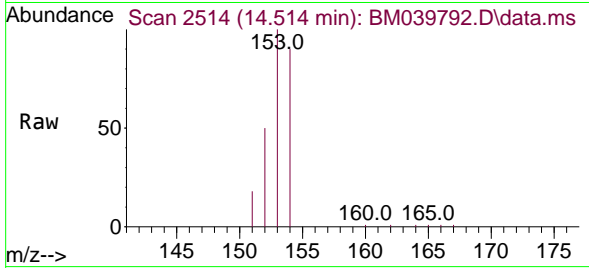
#11
 Acenaphthene
 Concen: 0.892 ng/u1
 RT: 14.514 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

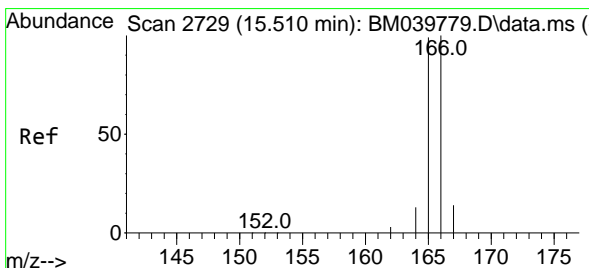
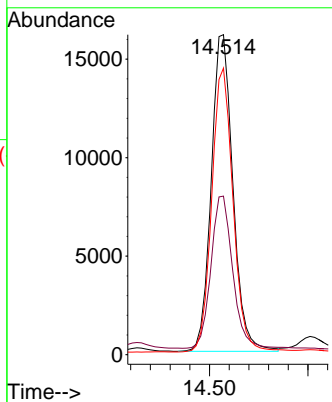
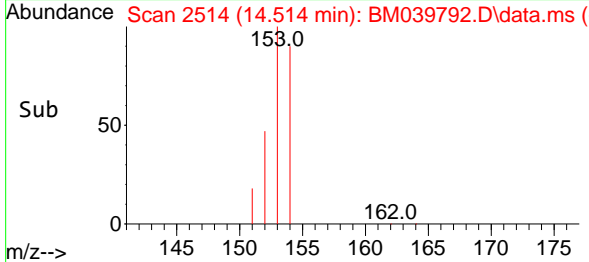


Tgt Ion:153 Resp: 2462
 Ion Ratio Lower Upper
 153 100
 152 49.6 40.6 61.0
 154 89.6 71.9 107.9

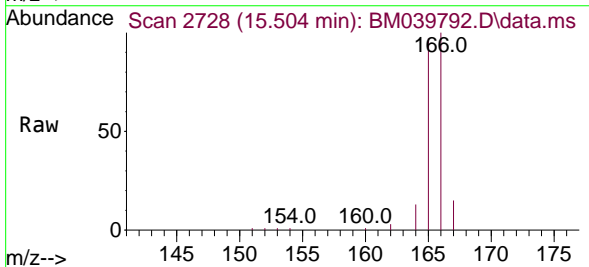
Manual Integrations

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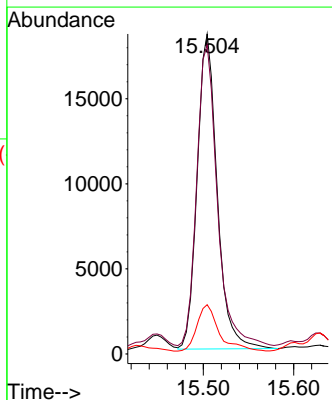
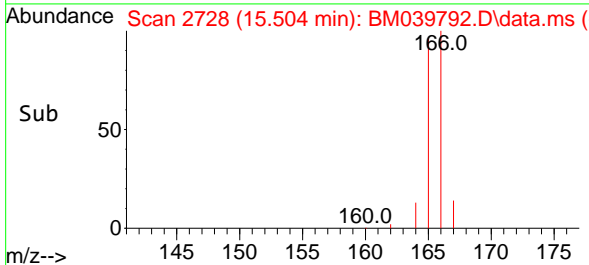
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

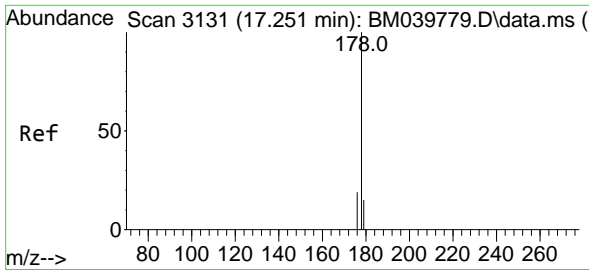


#12
 Fluorene
 Concen: 0.931 ng/u1
 RT: 15.504 min Scan# 2728
 Delta R.T. -0.006 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



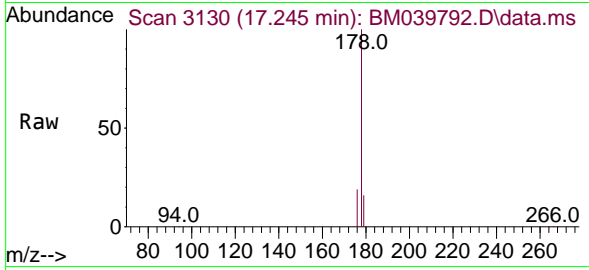
Tgt Ion:166 Resp: 28523
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.0 118.6
 167 15.4 11.8 17.6





#15
 Phenanthrene
 Concen: 10.424 ng/u1
 RT: 17.245 min Scan# 3131
 Delta R.T. -0.001 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

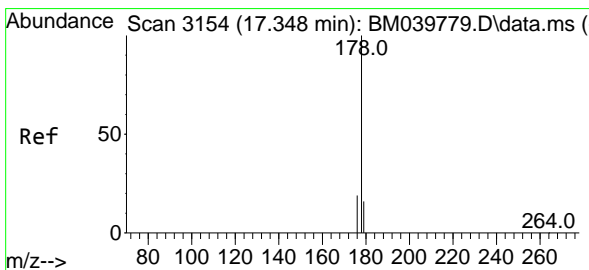
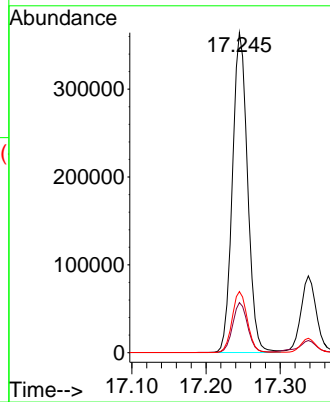
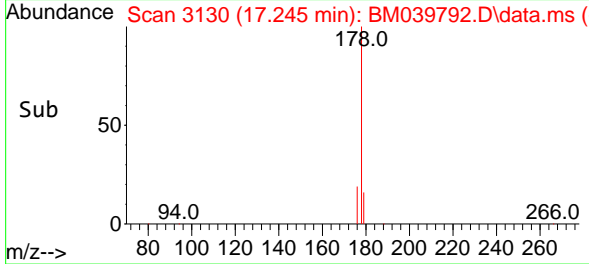
Instrument :
 BNA_M
 ClientSampleID :
 EW8Y8DL



Tgt Ion:178 Resp: 51665
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.1 15.8 23.8

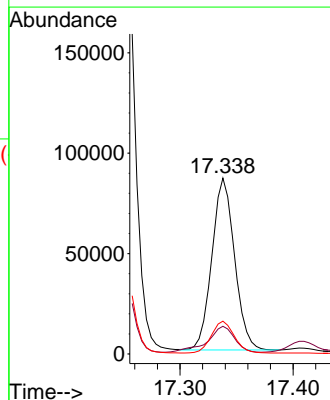
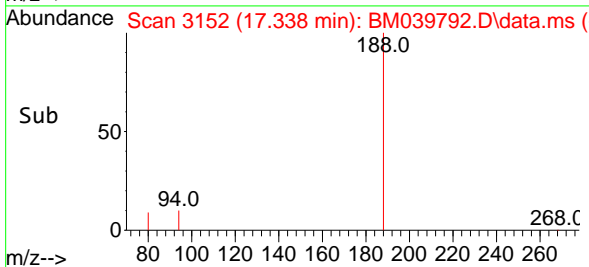
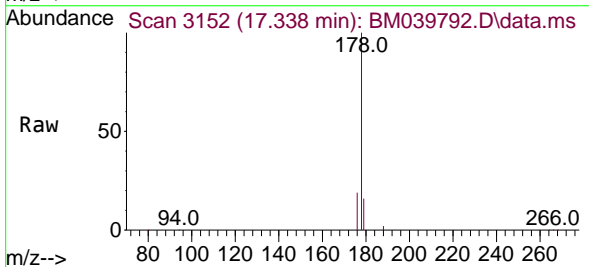
Manual Integrations
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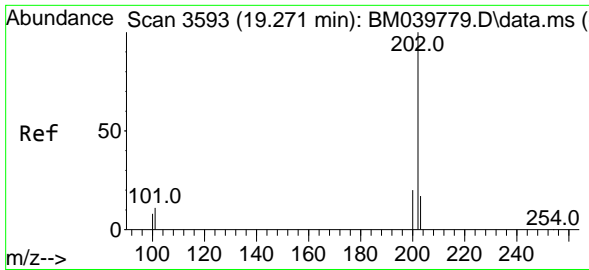
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023



#16
 Anthracene
 Concen: 2.804 ng/u1
 RT: 17.338 min Scan# 3152
 Delta R.T. -0.005 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

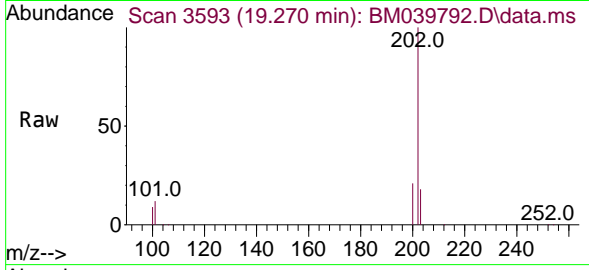
Tgt Ion:178 Resp: 119320
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.8 20.6
 176 18.7 15.8 23.8





#19
 Fluoranthene
 Concen: 33.562 ng/u1
 RT: 19.270 min Scan# 3593
 Delta R.T. 0.004 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

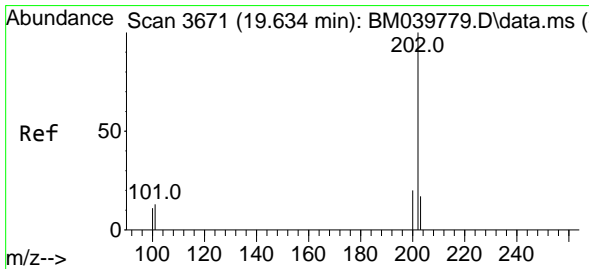
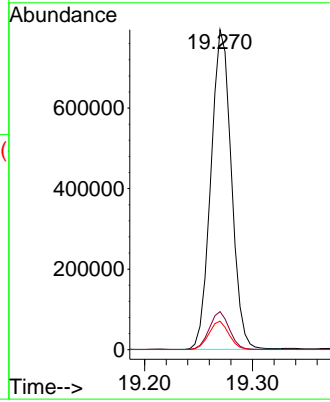
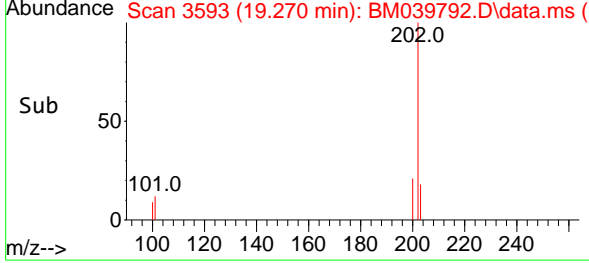
Instrument : BNA_M
 ClientSampleId : EW8Y8DL



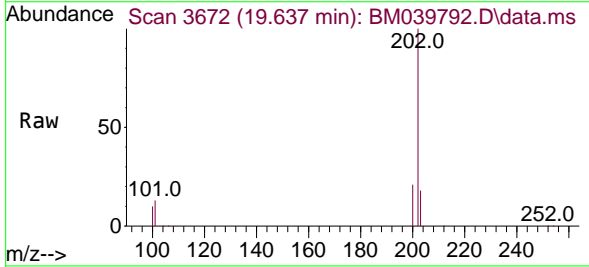
Tgt Ion:202 Resp: 1045900
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.8 14.8
 100 8.9 7.3 10.9

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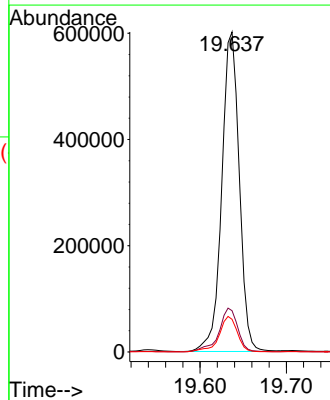
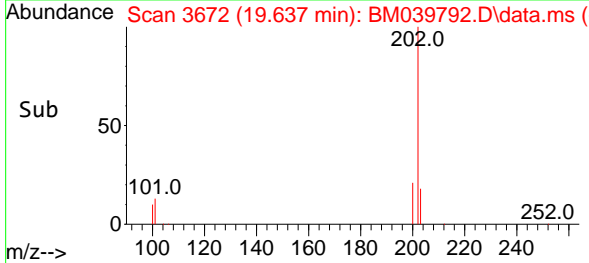
Reviewed By :Christian Giraldo 05/02/2023
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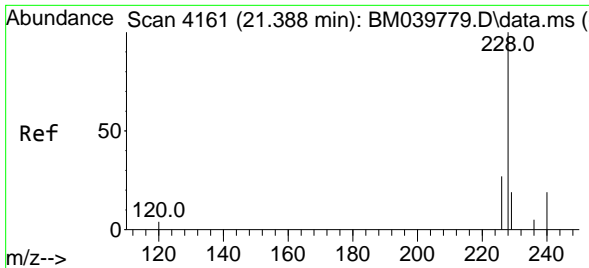


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 Pyrene
 Concen: 25.216 ng/u1
 RT: 19.637 min Scan# 3672
 Delta R.T. 0.004 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



Tgt Ion:202 Resp: 848590
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.9 16.3
 100 10.2 8.9 13.3





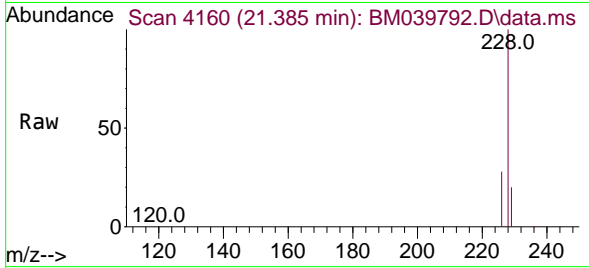
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 Benzo(a)anthracene
 Concen: 16.599 ng/u1
 RT: 21.385 min Scan# 4160
 Delta R.T. 0.002 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

Instrument :

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ClientSampleId :

EW8Y8DL

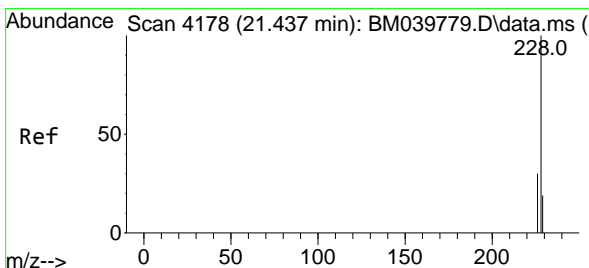
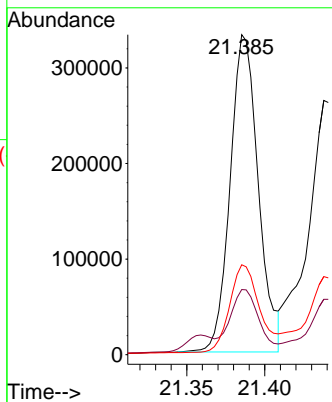
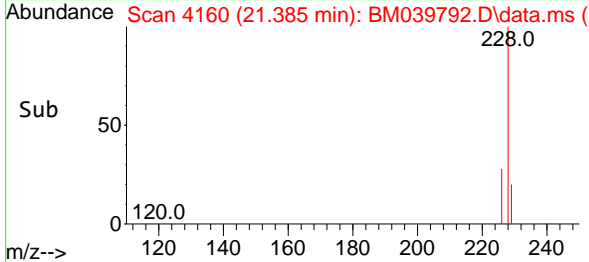


Tgt Ion:228 Resp: 416870
 Ion Ratio Lower Upper
 228 100
 229 20.3 16.2 24.2
 226 28.1 21.6 32.4

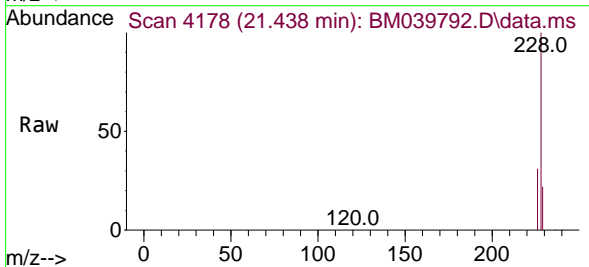
Manual Integrations

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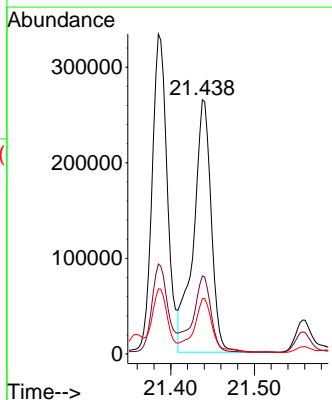
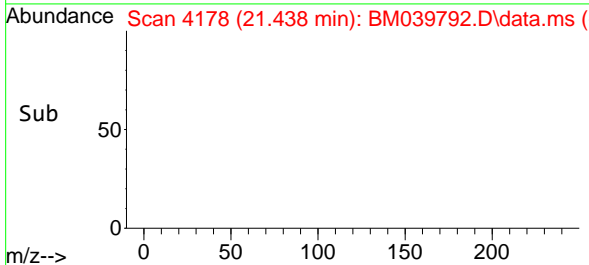
Reviewed By :Christian Giraldo 05/02/2023
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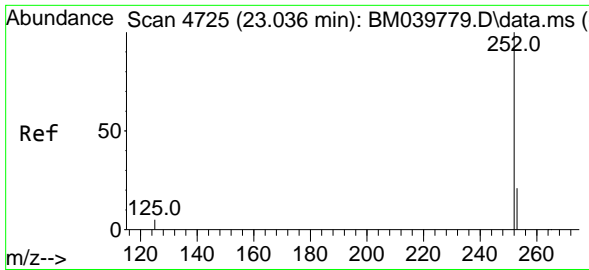


#22
 Chrysene
 Concen: 13.631 ng/u1
 RT: 21.438 min Scan# 4178
 Delta R.T. 0.002 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



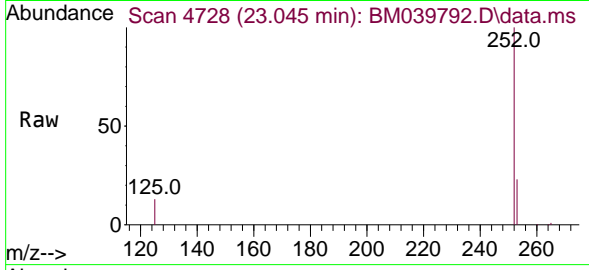
Tgt Ion:228 Resp: 387415
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 21.8 15.9 23.9





#24
 Benzo(b)fluoranthene
 Concen: 14.429 ng/ul m
 RT: 23.045 min Scan# 4725
 Delta R.T. 0.014 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

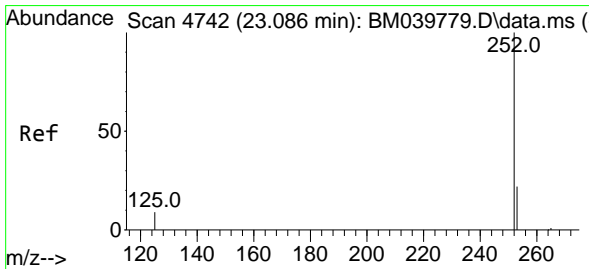
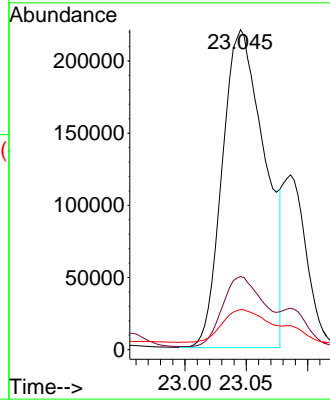
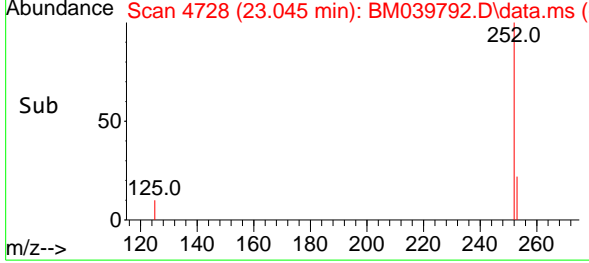
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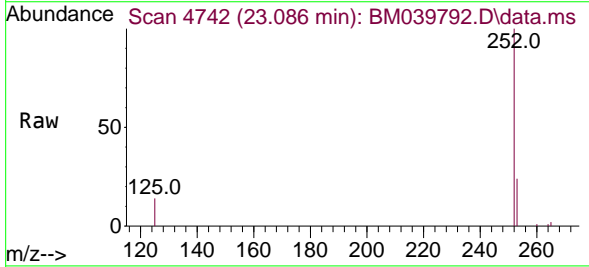
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 125 12.5 0.0 31.6

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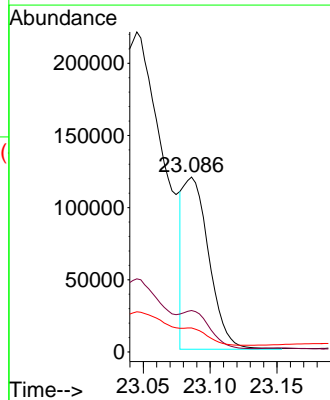
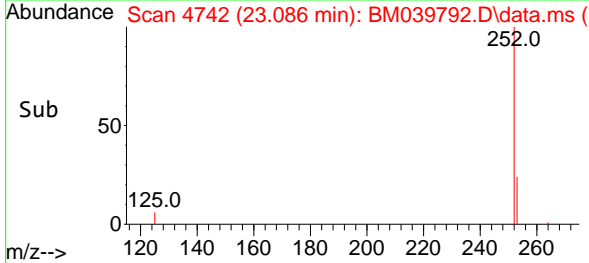
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

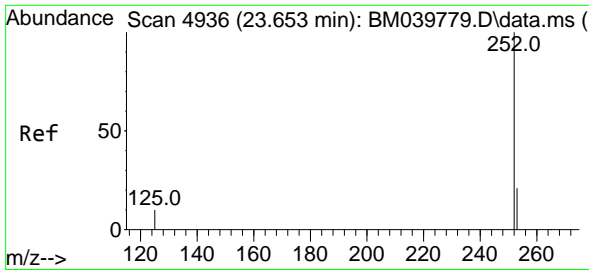


#25
 Benzo(k)fluoranthene
 Concen: 4.245 ng/ul m
 RT: 23.086 min Scan# 4742
 Delta R.T. 0.008 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



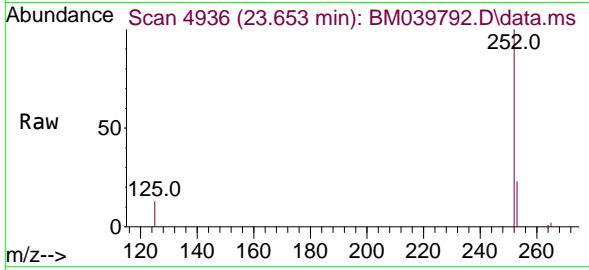
Tgt Ion:252 Resp: 159847
 Ion Ratio Lower Upper
 252 100
 253 23.7 21.3 31.9
 125 13.7 13.0 19.6





#26
 Benzo(a)pyrene
 Concen: 11.109 ng/u1
 RT: 23.653 min Scan# 4936
 Delta R.T. 0.011 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

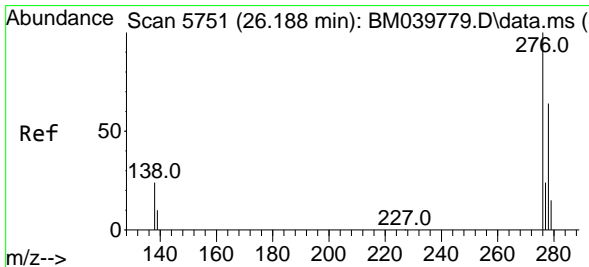
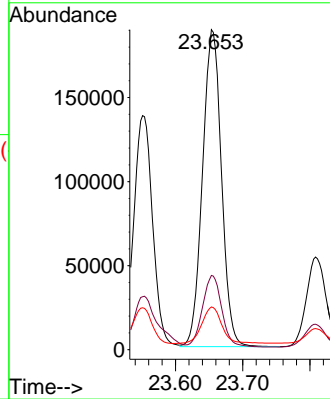
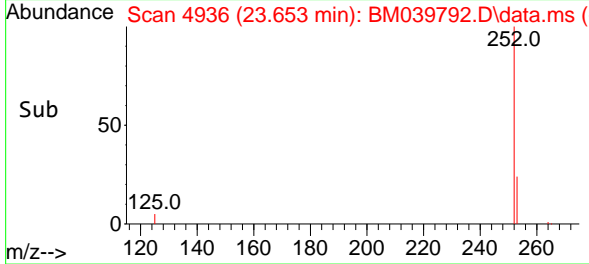
Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8DL



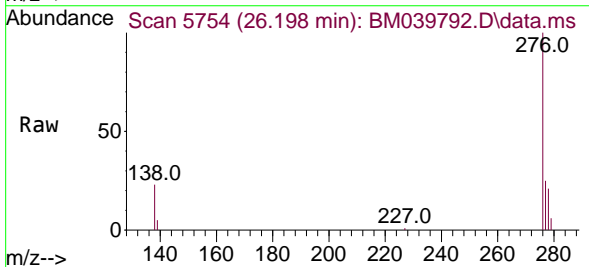
Tgt Ion:252 Resp: 368874
 Ion Ratio Lower Upper
 252 100
 253 23.2 24.7 37.1
 125 13.3 16.5 24.7

Manual Integrations
 APPROVED

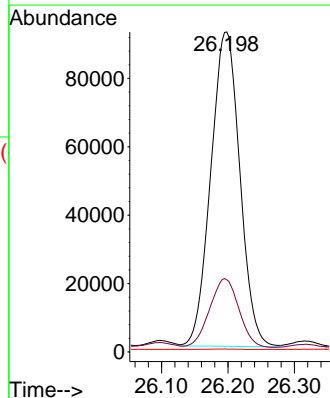
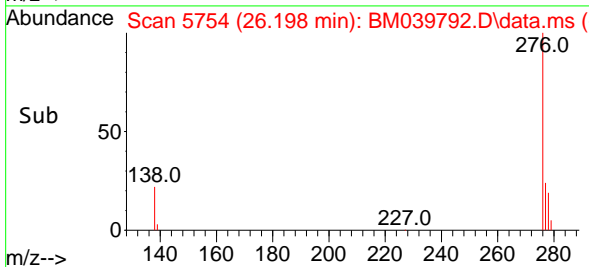
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

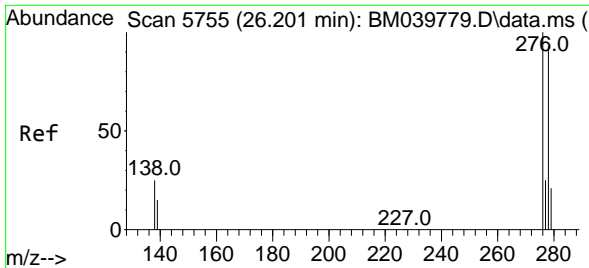


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.659 ng/u1
 RT: 26.198 min Scan# 5754
 Delta R.T. 0.019 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



Tgt Ion:276 Resp: 279582
 Ion Ratio Lower Upper
 276 100
 138 22.0 21.1 31.7
 227 0.2 0.1 0.1





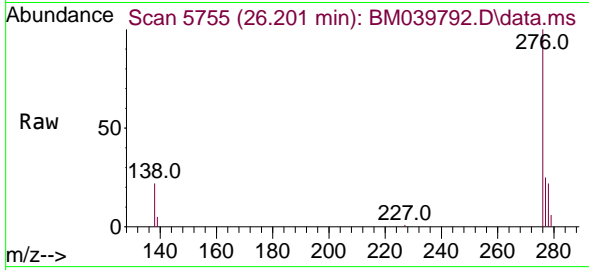
#28
 Dibenzo(a,h)anthracene
 Concen: 2.094 ng/u1
 RT: 26.201 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

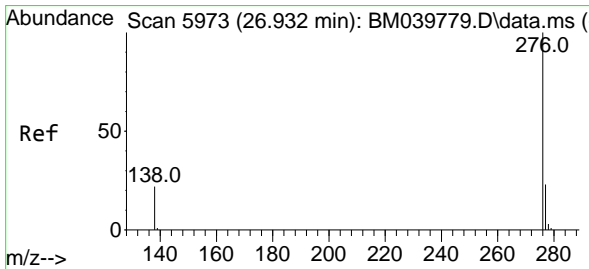
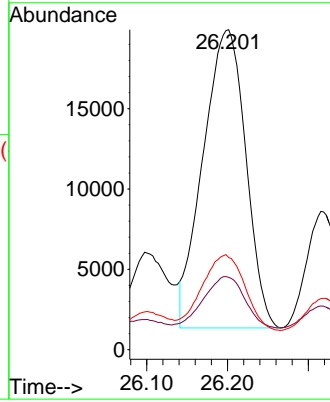
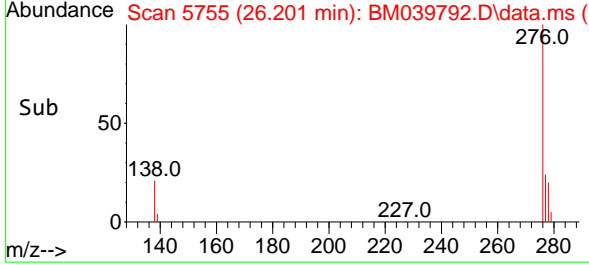


Tgt Ion:278 Resp: 6824
 Ion Ratio Lower Upper
 278 100
 139 22.6 17.0 25.6
 279 28.8 23.4 35.2

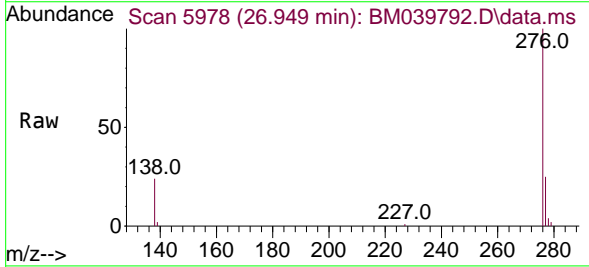
Manual Integrations

APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 6.682 ng/u1
 RT: 26.949 min Scan# 5978
 Delta R.T. 0.029 min
 Lab File: BM039792.D
 Acq: 02 May 2023 00:02



Tgt Ion:276 Resp: 244476
 Ion Ratio Lower Upper
 276 100
 138 23.5 20.1 30.1
 277 24.5 20.1 30.1

