

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039850.D
 Acq On : 05 May 2023 18:08
 Operator : CG/JU
 Sample : 02479-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:48:08 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 May 06 02:22:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2550m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.578	136	9711	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.437	164	7161m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	13664	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.386	240	7916	0.400	ng/ul	#-0.02
23) Perylene-d12	23.733	264	9208	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	5924	1.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2404	0.193	ng/ul	-0.04
18) Fluoranthene-d10	19.225	212	5785	0.272	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	38288	1.570	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	48426	3.441	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	25226	1.671	ng/ul	99
10) Acenaphthylene	14.154	152	13776	0.497	ng/ul#	82
11) Acenaphthene	14.497	153	13048	0.599	ng/ul	98
12) Fluorene	15.487	166	18193	0.753	ng/ul#	95
15) Phenanthrene	17.229	178	443104	12.309	ng/ul	99
16) Anthracene	17.322	178	89866	2.907	ng/ul	98
19) Fluoranthene	19.252	202	775557	27.462	ng/ul	99
20) Pyrene	19.620	202	786340	25.784	ng/ul	98
21) Benzo(a)anthracene	21.372	228	415651	18.263	ng/ul	97
22) Chrysene	21.424	228	451143	17.516	ng/ul	97
24) Benzo(b)fluoranthene	23.020	252	411251m	12.717	ng/ul	
25) Benzo(k)fluoranthene	23.061	252	124175m	3.771	ng/ul	
26) Benzo(a)pyrene	23.628	252	350574	12.075	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.159	276	179663	4.894	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.159	278	82354	2.890	ng/ul#	86
29) Benzo(g,h,i)perylene	26.907	276	255503	7.987	ng/ul	99

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

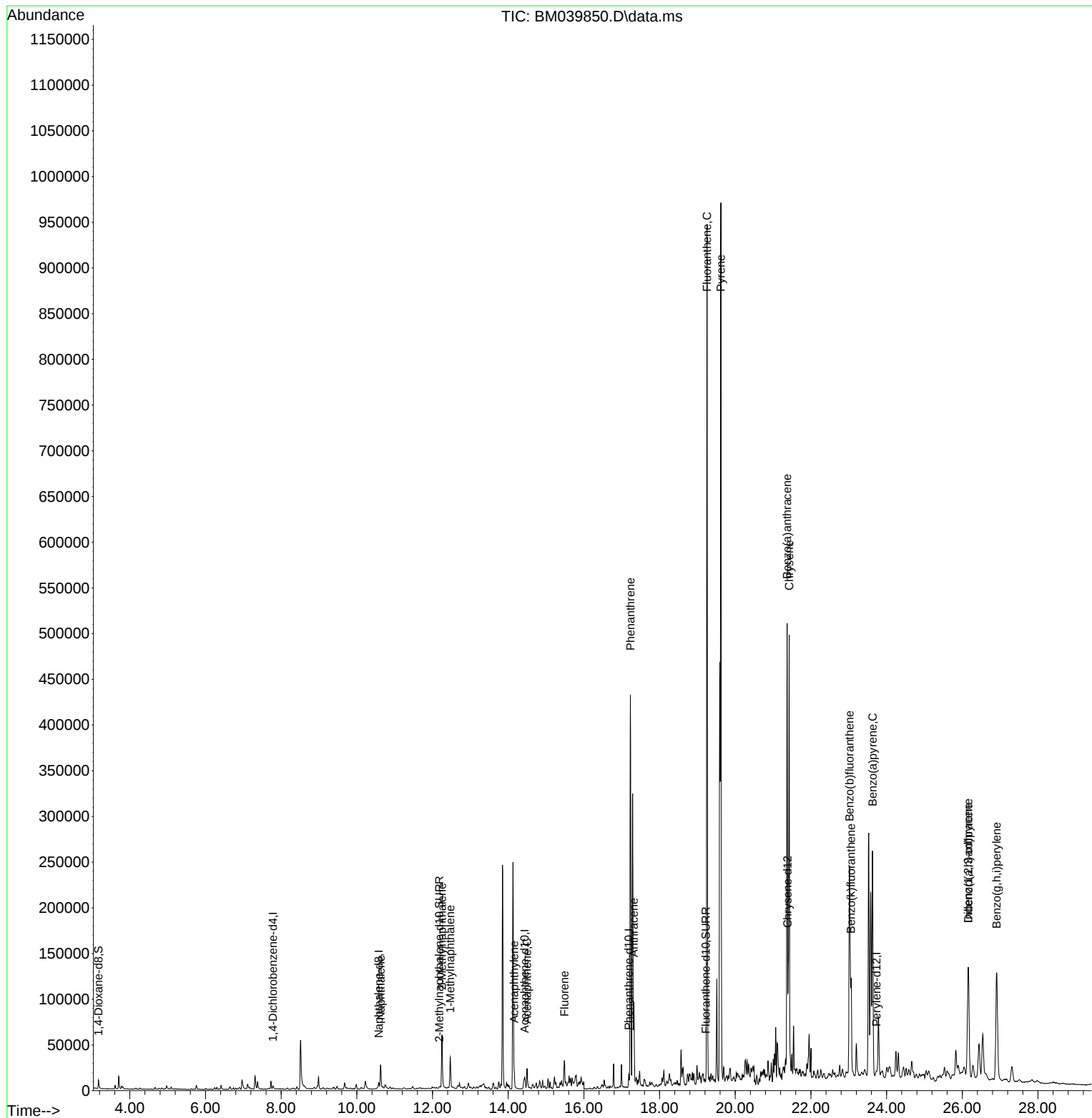
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
Data File : BM039850.D
Acq On : 05 May 2023 18:08
Operator : CG/JU
Sample : 02479-04
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ALS Vial : 16 Sample Multiplier: 1

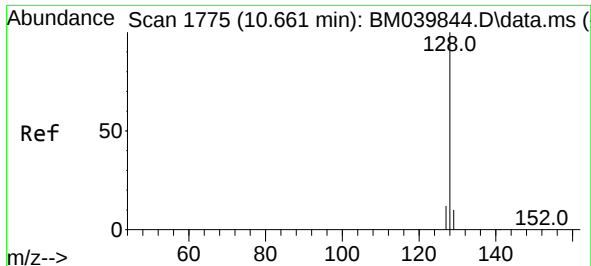
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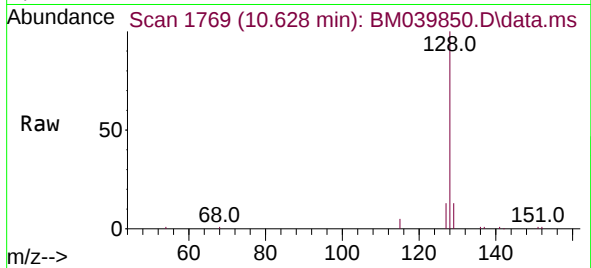
Quant Time: May 06 02:48:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 06 02:22:07 2023
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#5
Naphthalene
Concen: 1.570 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.033 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

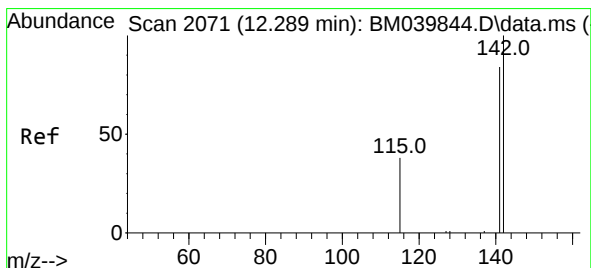
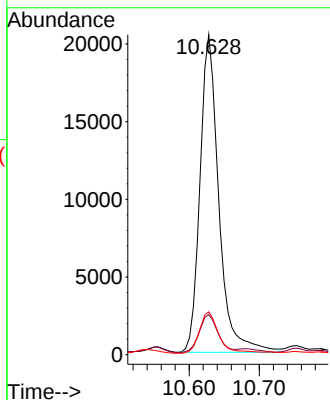
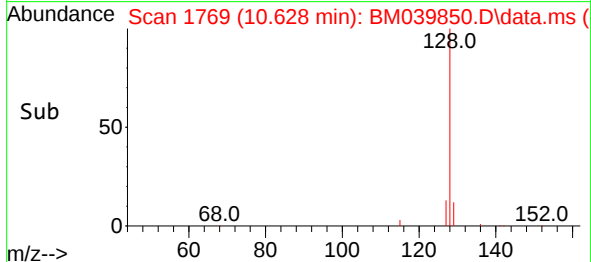
Instrument :
BNA_M
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EW945



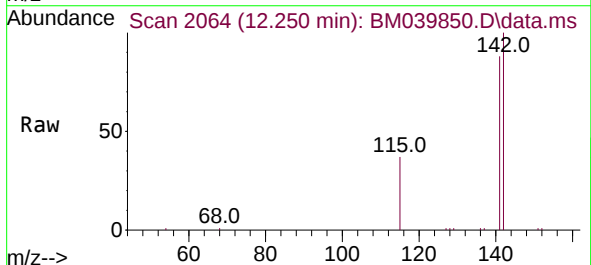
Tgt Ion:128 Resp: 3828
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 13.4 11.1 16.7

Manual Integrations
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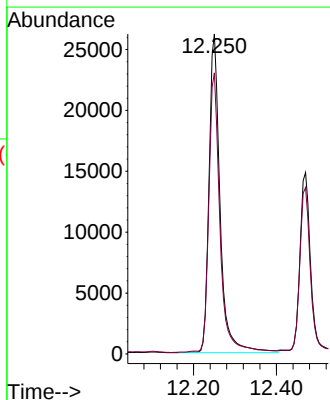
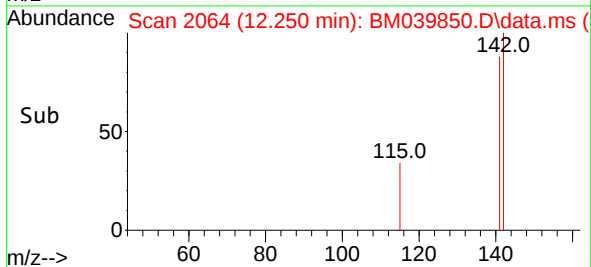
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

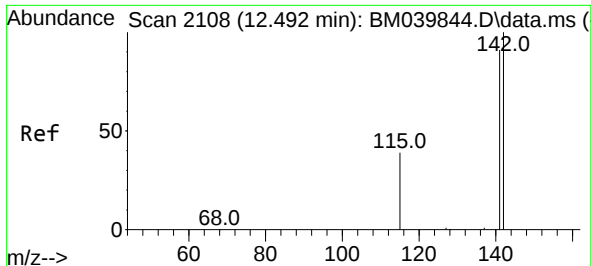


#7
2-Methylnaphthalene
Concen: 3.441 ng/ul
RT: 12.250 min Scan# 2064
Delta R.T. -0.039 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08



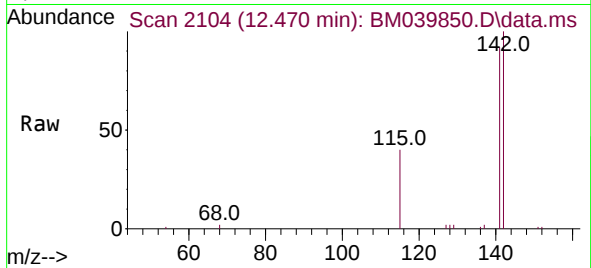
Tgt Ion:142 Resp: 48426
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.671 ng/ul
RT: 12.470 min Scan# 2108
Delta R.T. -0.022 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

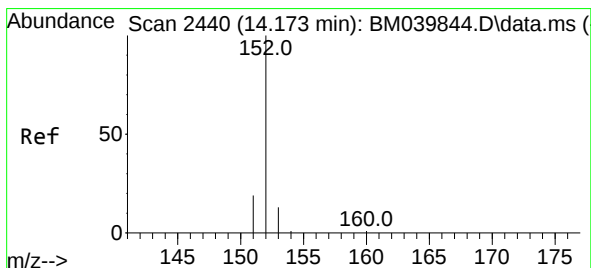
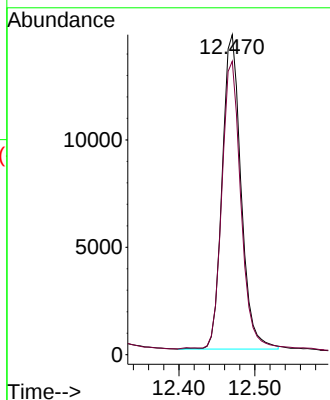
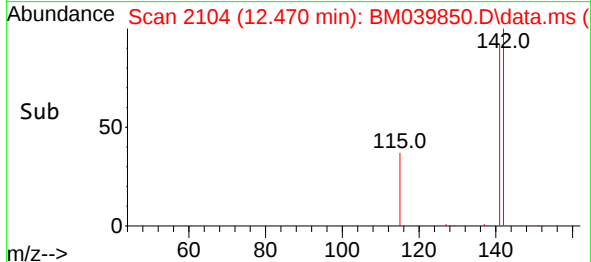
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 25220
Ion Ratio Lower Upper
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141 90.6 73.4 110.2

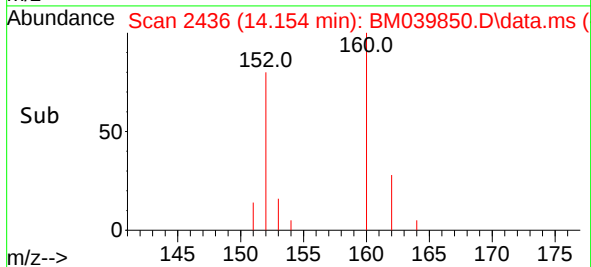
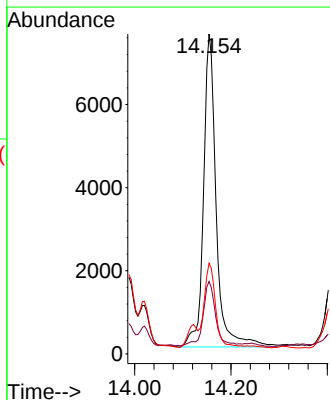
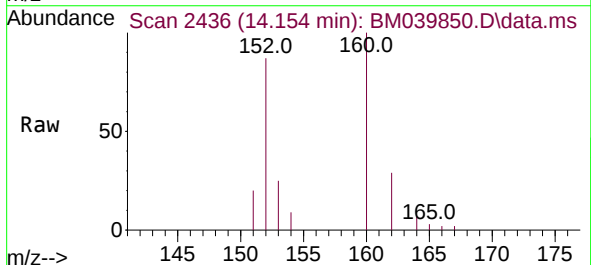
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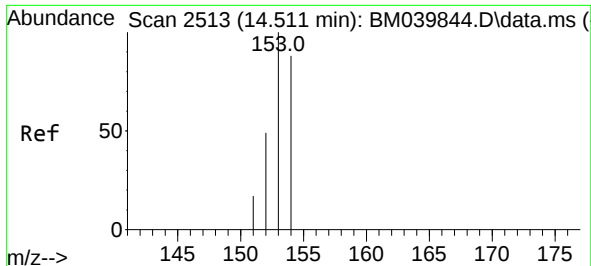
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 0.497 ng/ul
RT: 14.154 min Scan# 2436
Delta R.T. -0.019 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

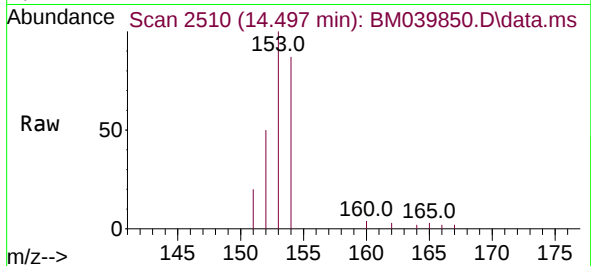
Tgt Ion:152 Resp: 13776
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 28.3 11.2 16.8#





#11
Acenaphthene
Concen: 0.599 ng/ul
RT: 14.497 min Scan# 2104
Delta R.T. -0.014 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

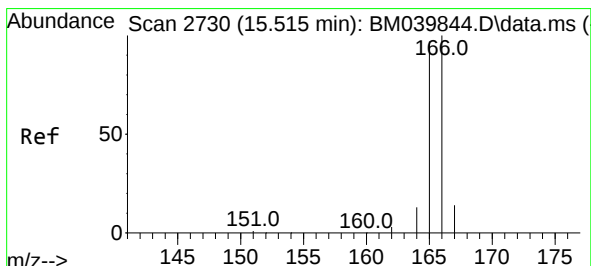
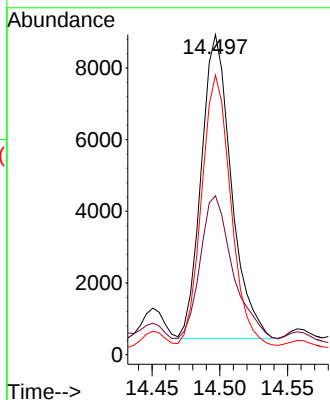
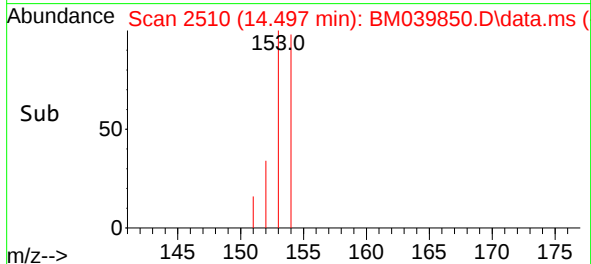
Instrument :
BNA_M
ClientSampleId :
EW945



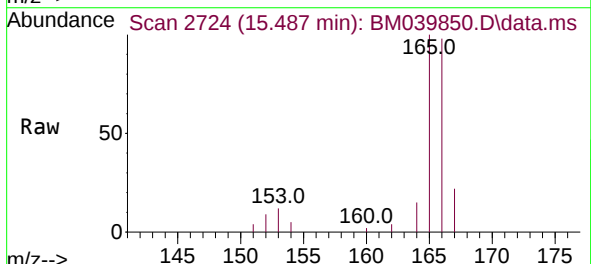
Tgt Ion:153 Resp: 13048
Ion Ratio Lower Upper
153 100
152 49.7 40.6 61.0
154 87.4 71.9 107.9

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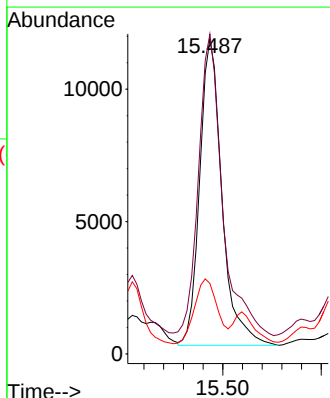
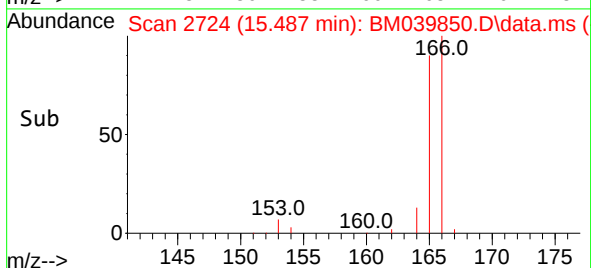
Reviewed By :Christian Giraldo 05/08/2023
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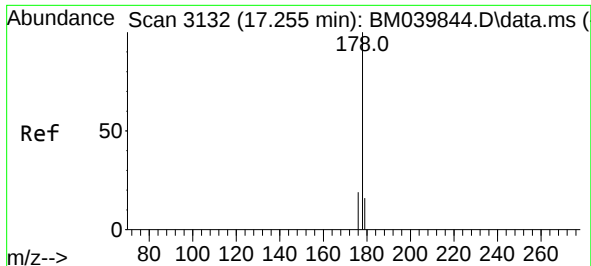


#12
Fluorene
Concen: 0.753 ng/ul
RT: 15.487 min Scan# 2724
Delta R.T. -0.028 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08



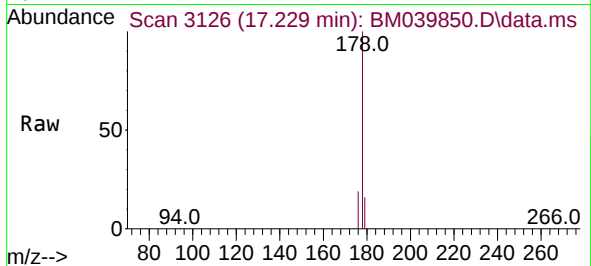
Tgt Ion:166 Resp: 18193
Ion Ratio Lower Upper
166 100
165 101.6 79.0 118.6
167 22.4 11.8 17.6#





#15
Phenanthrene
Concen: 12.309 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.025 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

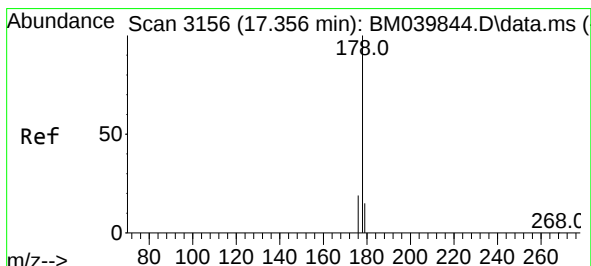
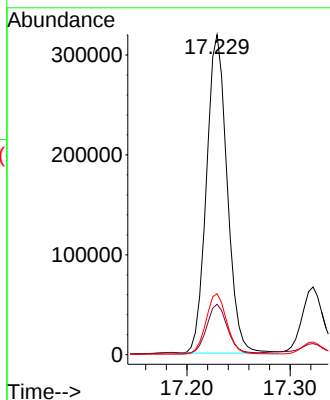
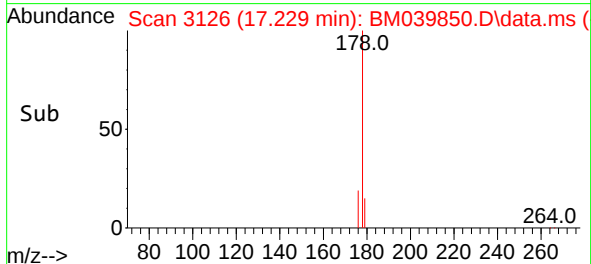
Instrument :
BNA_M
ClientSampleId :
EW945



Tgt Ion:178 Resp: 443104
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.1 15.8 23.8

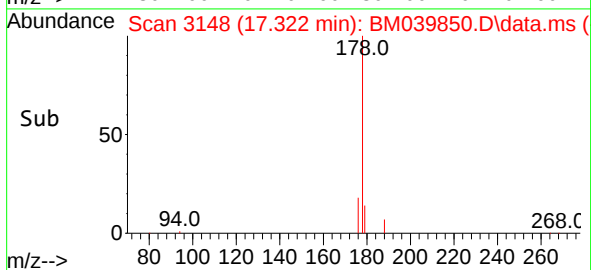
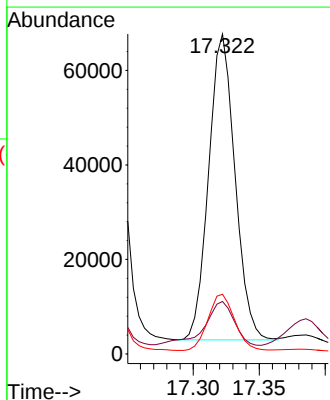
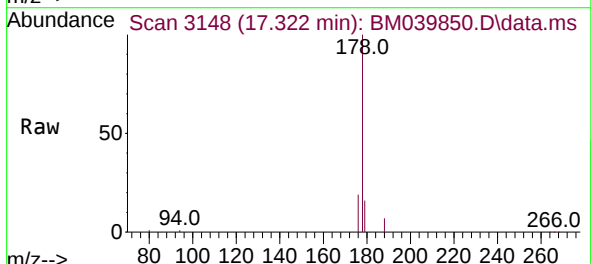
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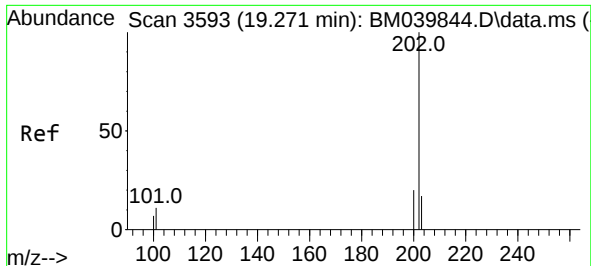
Reviewed By :Christian Giraldo 05/08/2023
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#16
Anthracene
Concen: 2.907 ng/u1
RT: 17.322 min Scan# 3148
Delta R.T. -0.034 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

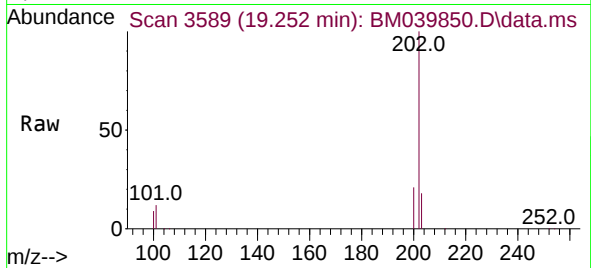
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Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.6
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 27.462 ng/u1
RT: 19.252 min Scan# 31
Delta R.T. -0.019 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

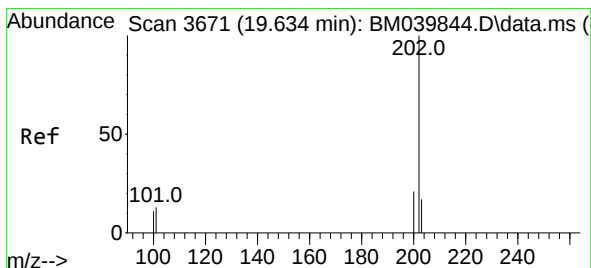
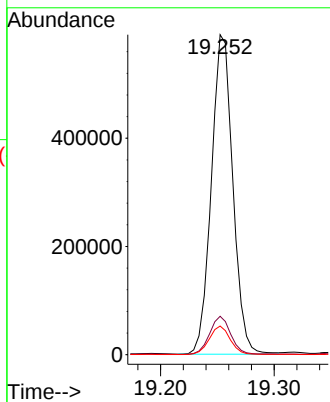
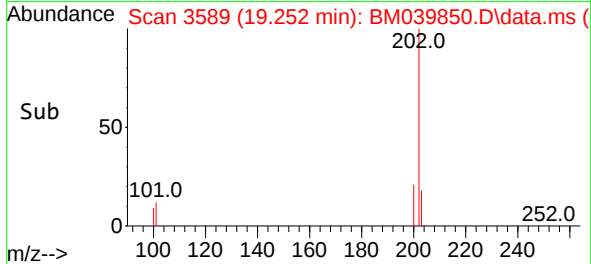
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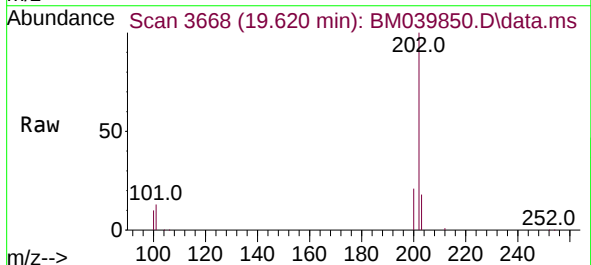
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Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.0 7.3 10.9

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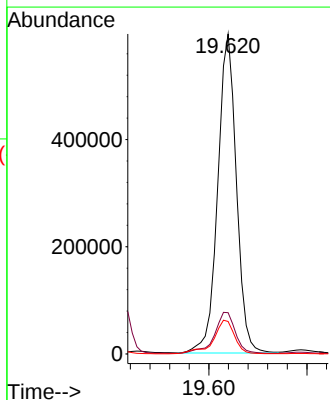
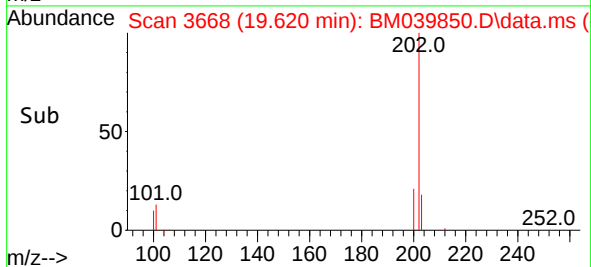
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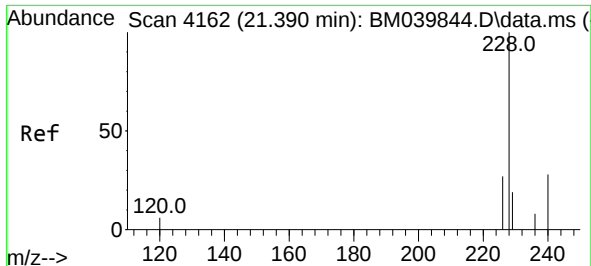


#20
Pyrene
Concen: 25.784 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.014 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08



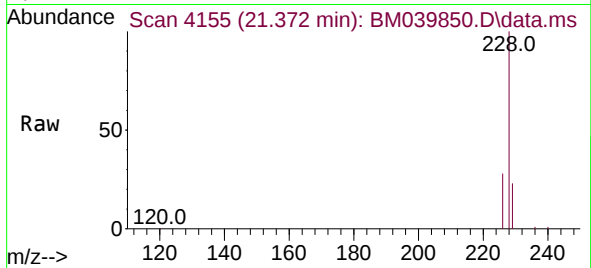
Tgt Ion:202 Resp: 786340
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 18.263 ng/ul
RT: 21.372 min Scan# 4162
Delta R.T. -0.019 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

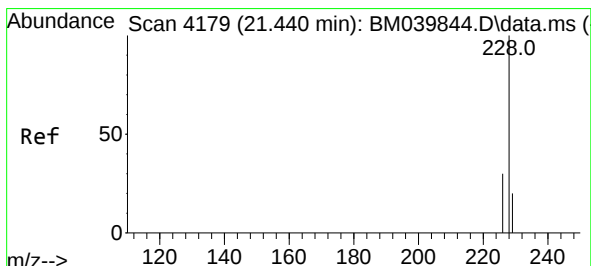
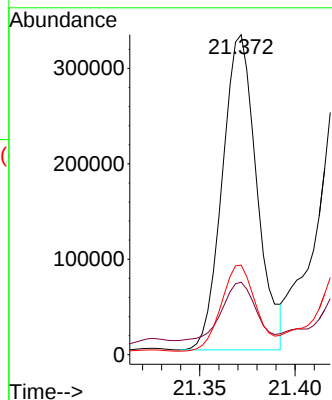
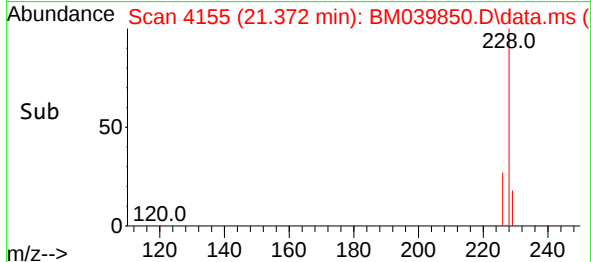
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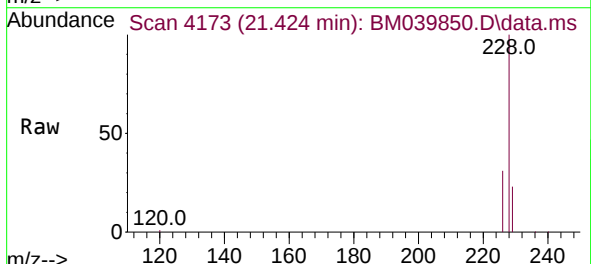
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Ion Ratio Lower Upper
228 100
229 22.7 16.2 24.2
226 28.0 21.6 32.4

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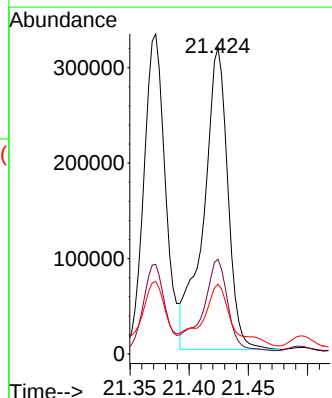
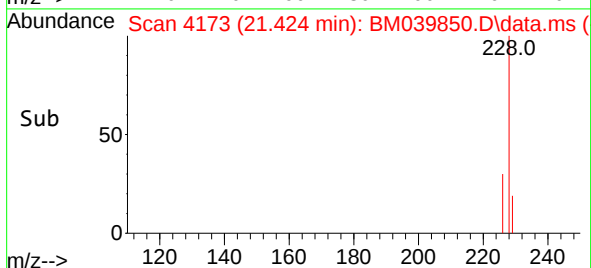
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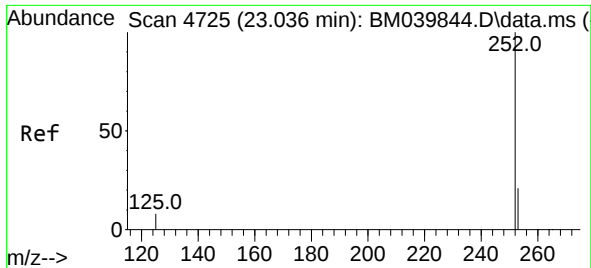


#22
Chrysene
Concen: 17.516 ng/ul
RT: 21.424 min Scan# 4173
Delta R.T. -0.016 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08



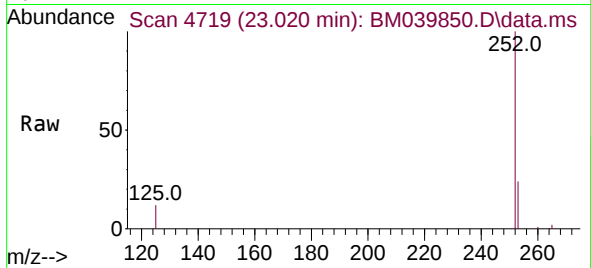
Tgt Ion:228 Resp: 451143
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 12.717 ng/ul m
RT: 23.020 min Scan# 4719
Delta R.T. -0.016 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08

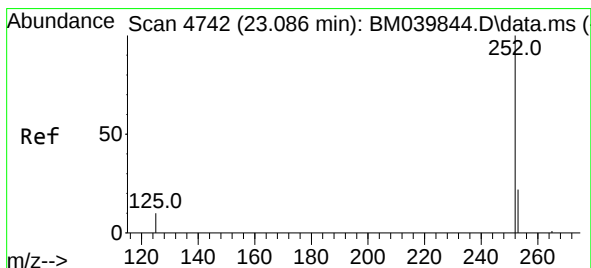
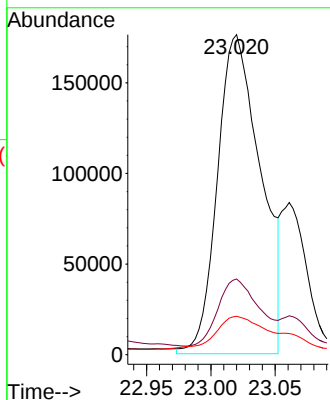
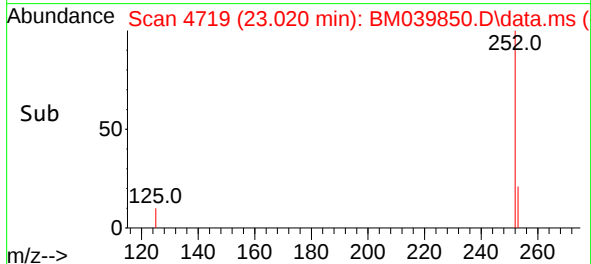
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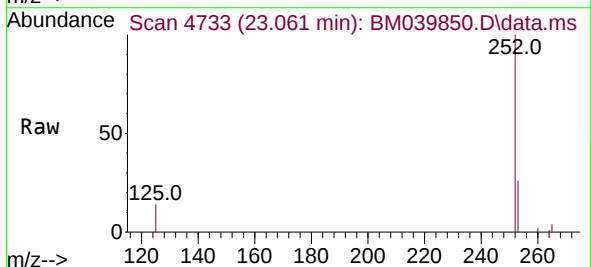
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Ion Ratio Lower Upper
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253 23.7 0.0 52.8
125 12.0 0.0 31.6

Manual Integrations
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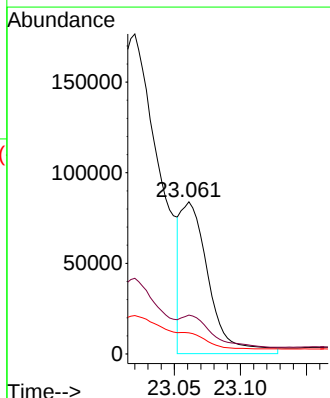
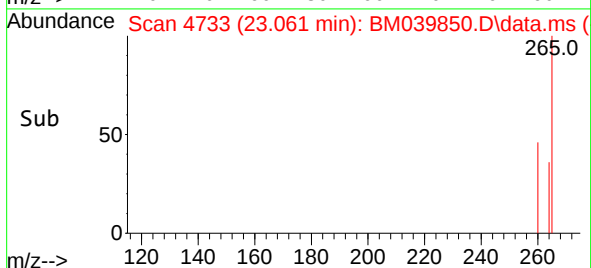
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

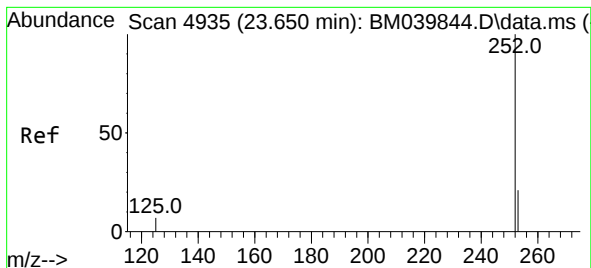


#25
Benzo(k)fluoranthene
Concen: 3.771 ng/ul m
RT: 23.061 min Scan# 4733
Delta R.T. -0.025 min
Lab File: BM039850.D
Acq: 05 May 2023 18:08



Tgt Ion:252 Resp: 124175
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 13.9 13.0 19.6





#26

Benzo(a)pyrene

Concen: 12.075 ng/ul

RT: 23.628 min Scan# 4935

Delta R.T. -0.022 min

Lab File: BM039850.D

Acq: 05 May 2023 18:08

Instrument :

BNA_M

ClientSampleId :

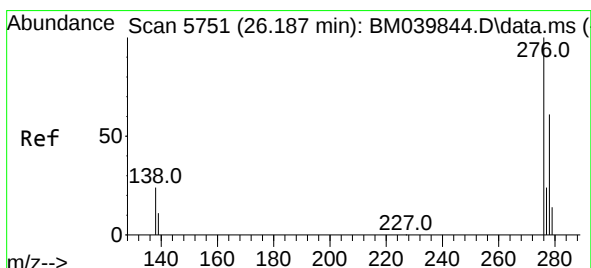
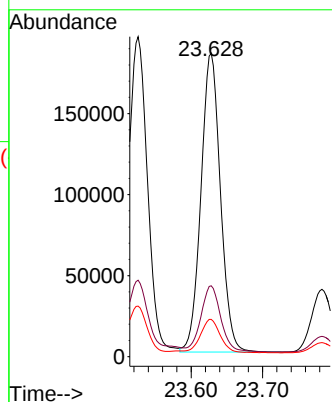
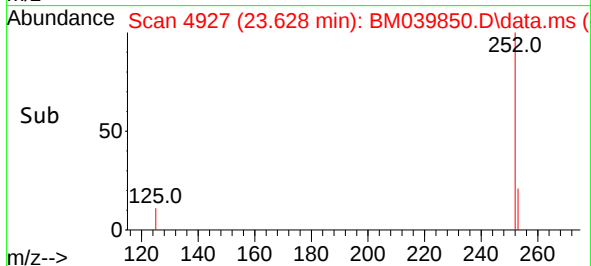
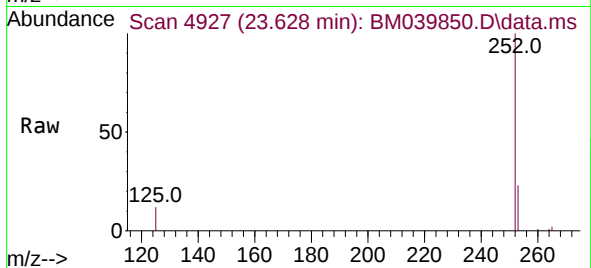
EW945

Tgt Ion:	252	Resp:	350574
Ion Ratio	Lower	Upper	
252	100		
253	23.4	24.7	37.1
125	12.3	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.894 ng/ul

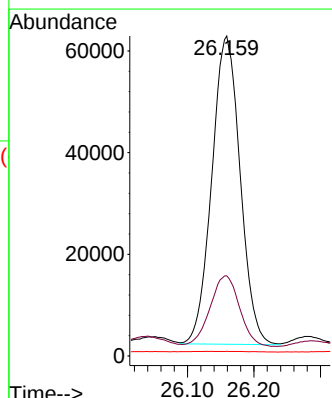
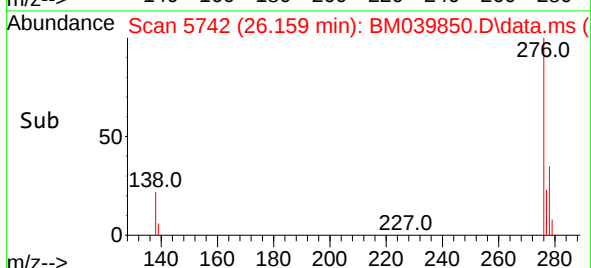
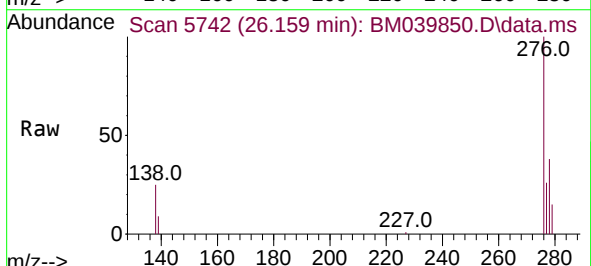
RT: 26.159 min Scan# 5742

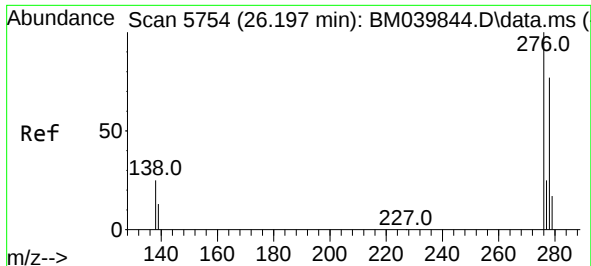
Delta R.T. -0.029 min

Lab File: BM039850.D

Acq: 05 May 2023 18:08

Tgt Ion:	276	Resp:	179663
Ion Ratio	Lower	Upper	
276	100		
138	23.9	21.1	31.7
227	0.0	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 2.890 ng/ul

RT: 26.159 min Scan# 51

Delta R.T. -0.039 min

Lab File: BM039850.D

Acq: 05 May 2023 18:08

Instrument :

BNA_M

ClientSampleId :

EW945

Tgt Ion:278 Resp: 82354

Ion Ratio Lower Upper

278 100

139 24.6 17.0 25.6

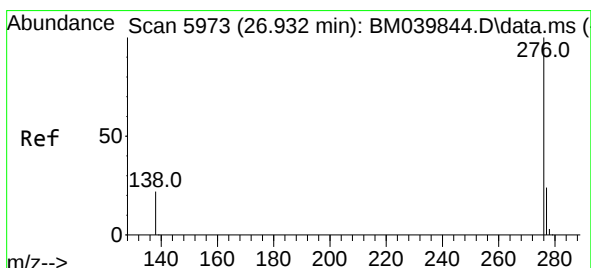
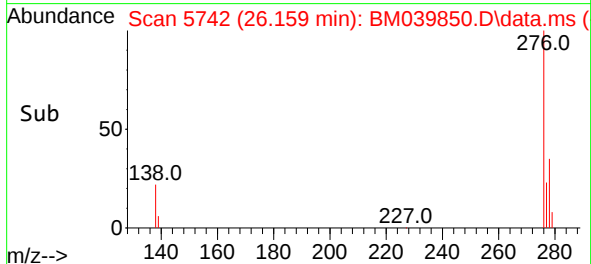
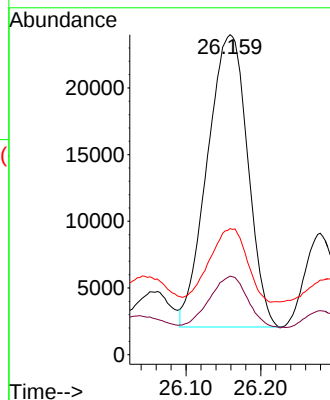
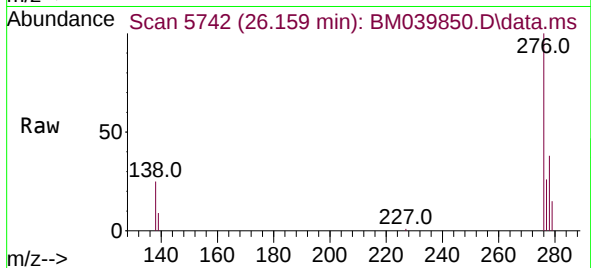
279 39.4 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#29

Benzo(g,h,i)perylene

Concen: 7.987 ng/ul

RT: 26.907 min Scan# 5965

Delta R.T. -0.025 min

Lab File: BM039850.D

Acq: 05 May 2023 18:08

Tgt Ion:276 Resp: 255503

Ion Ratio Lower Upper

276 100

138 24.1 20.1 30.1

277 25.2 20.1 30.1

