

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039764.D
 Acq On : 29 Apr 2023 08:32
 Operator : CG/JU
 Sample : 02417-16DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 01:33:19 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	4603	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	18212	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	11011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	22455	0.400	ng/ul	-0.01
17) Chrysene-d12	21.393	240	12214	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3292	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	1059	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	2001	0.061	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.645	128	14894	0.326	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	9079	0.344	ng/ul	95
8) 1-Methylnaphthalene	12.487	142	8032	0.284	ng/ul	100
10) Acenaphthylene	14.168	152	12163	0.285	ng/ul	96
11) Acenaphthene	14.506	153	16462	0.492	ng/ul	98
12) Fluorene	15.501	166	30879	0.831	ng/ul	98
15) Phenanthrene	17.238	178	506372	8.560	ng/ul	98
16) Anthracene	17.331	178	103337	2.034	ng/ul	98
19) Fluoranthene	19.262	202	714592	16.399	ng/ul	97
20) Pyrene	19.624	202	571074	12.136	ng/ul	99
21) Benzo(a)anthracene	21.376	228	251677	7.167	ng/ul	99
22) Chrysene	21.429	228	227948	5.736	ng/ul	99
24) Benzo(b)fluoranthene	23.027	252	256545	6.723	ng/ul	92
25) Benzo(k)fluoranthene	23.068	252	85794m	2.208	ng/ul	
26) Benzo(a)pyrene	23.632	252	166970	4.874	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.161	276	115977	2.677	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.164	278	31378	0.933	ng/ul	99
29) Benzo(g,h,i)perylene	26.905	276	104602	2.771	ng/ul	97

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

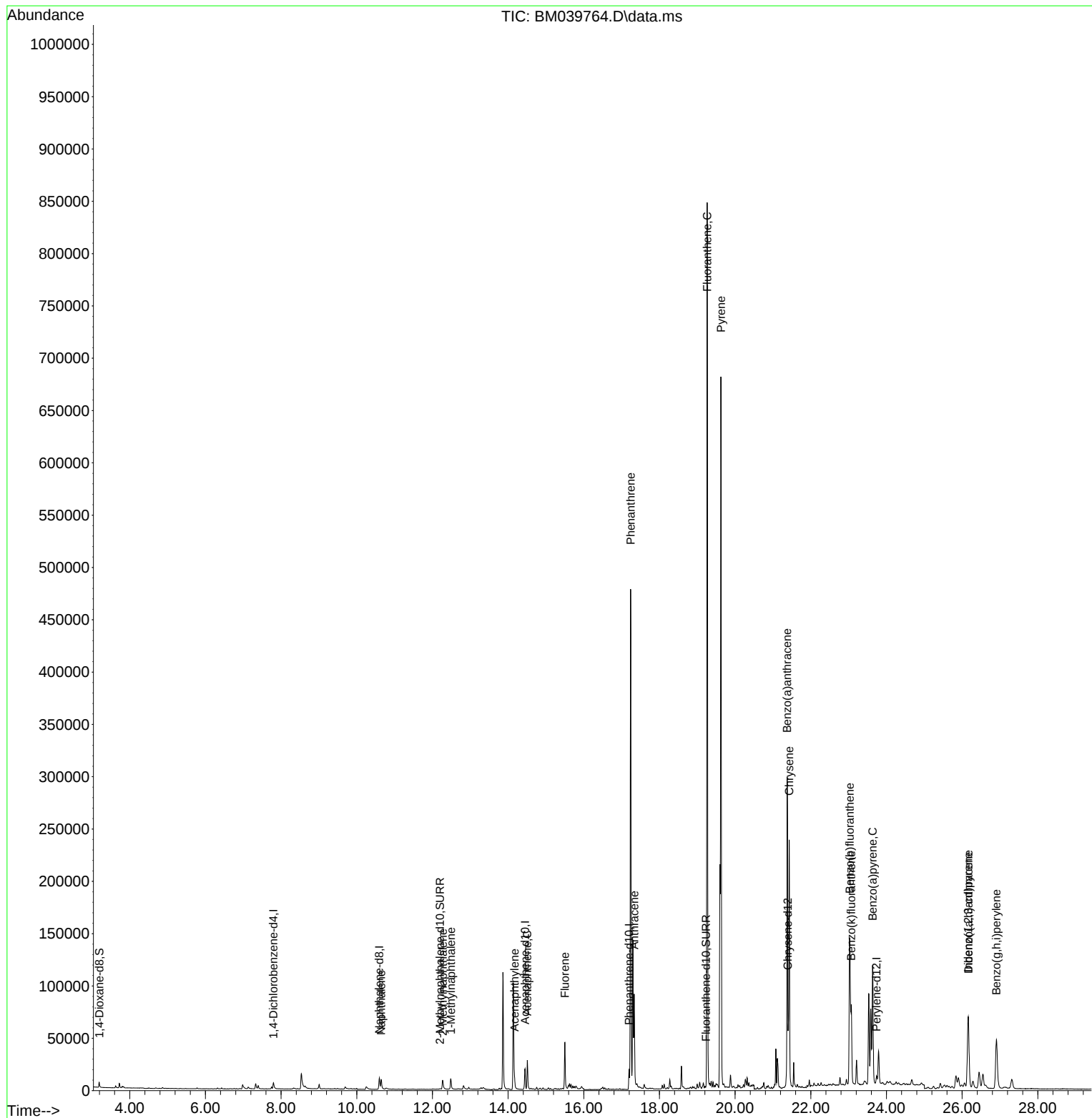
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039764.D
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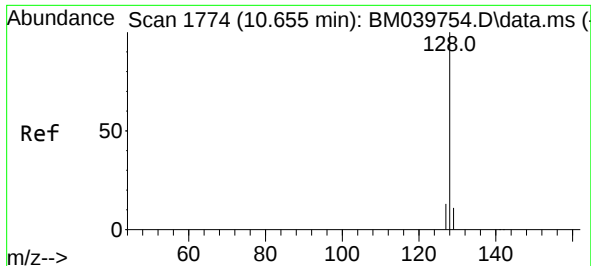
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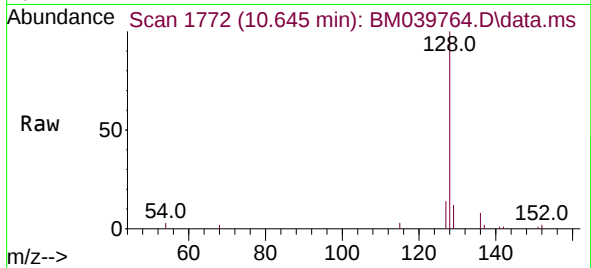
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

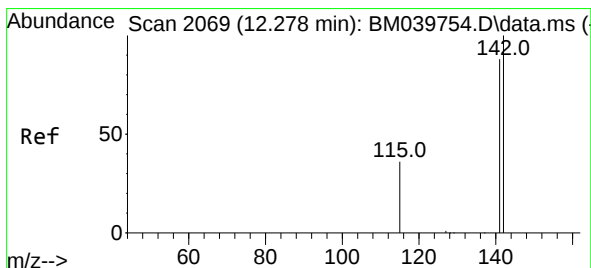
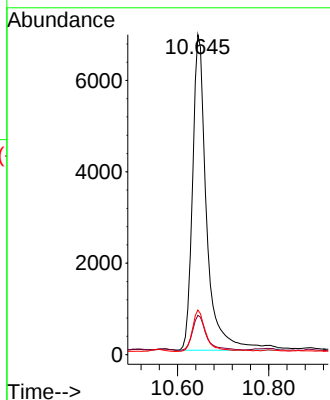
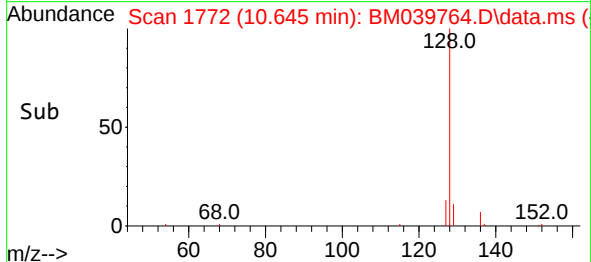
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



Tgt Ion:128 Resp: 14894
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 13.9 11.1 16.7

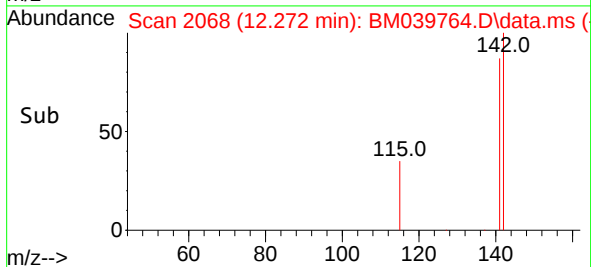
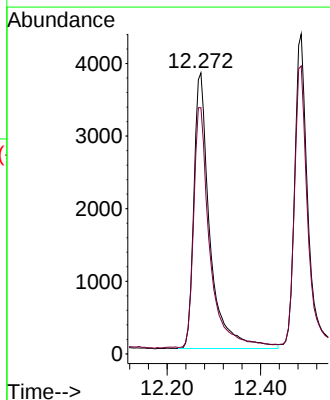
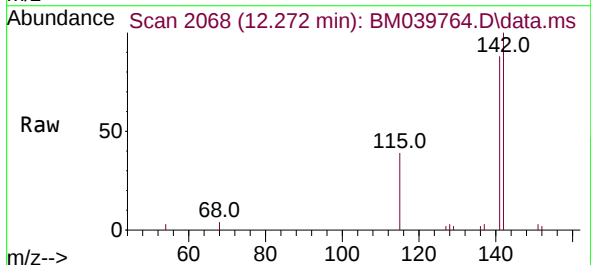
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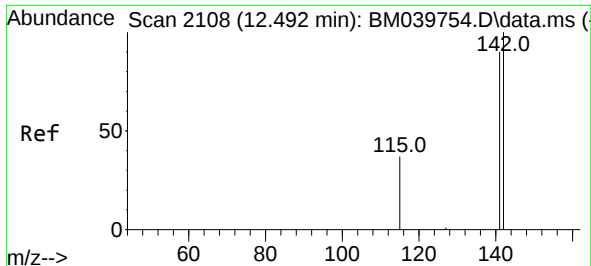
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

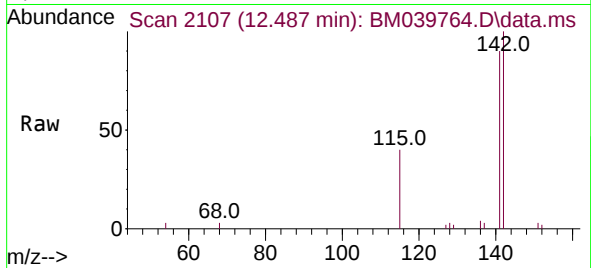
Tgt Ion:142 Resp: 9079
Ion Ratio Lower Upper
142 100
141 87.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

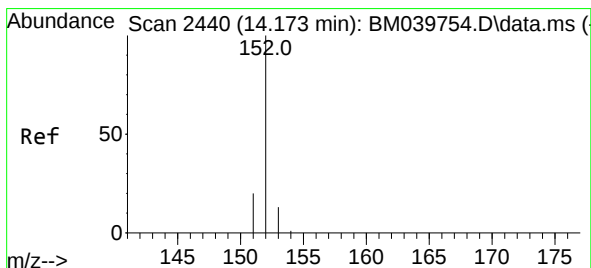
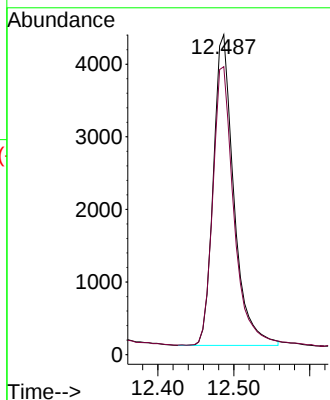
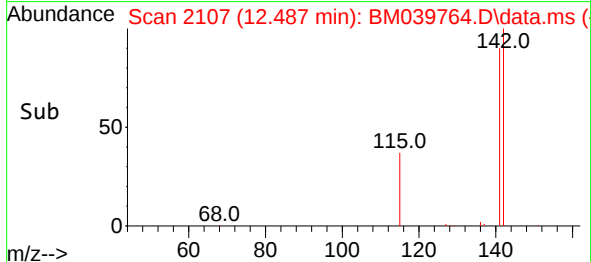
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



Tgt Ion:142 Resp: 8032
Ion Ratio Lower Upper
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141 91.7 73.4 110.2

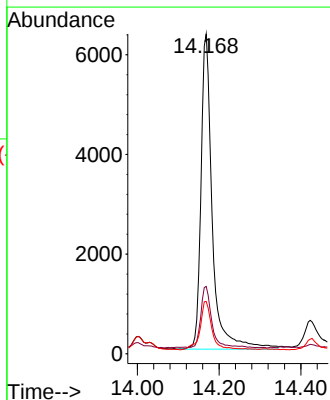
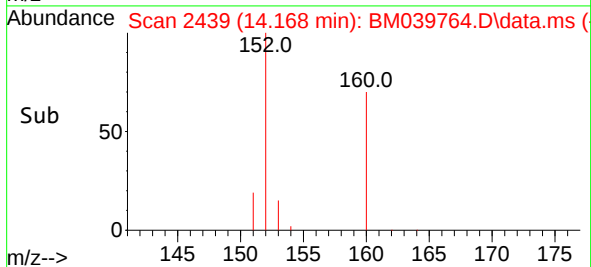
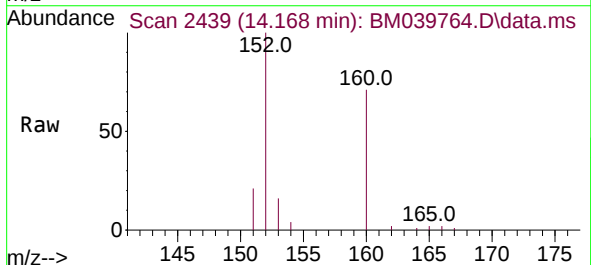
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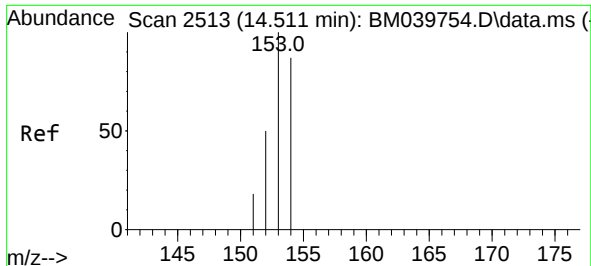
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

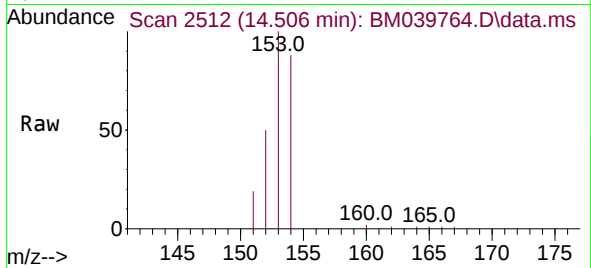
Tgt Ion:152 Resp: 12163
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 16.4 11.2 16.8





#11
Acenaphthene
Concen: 0.492 ng/ul
RT: 14.506 min Scan# 2512
Delta R.T. -0.004 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

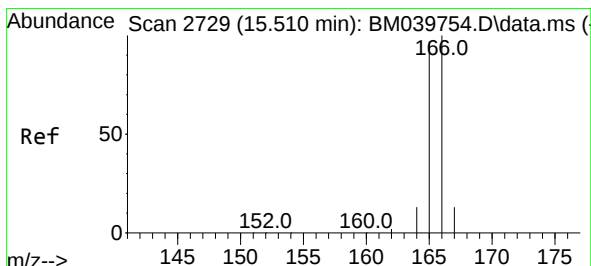
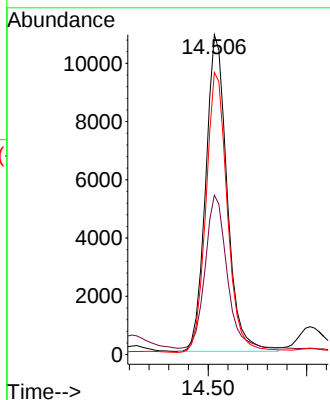
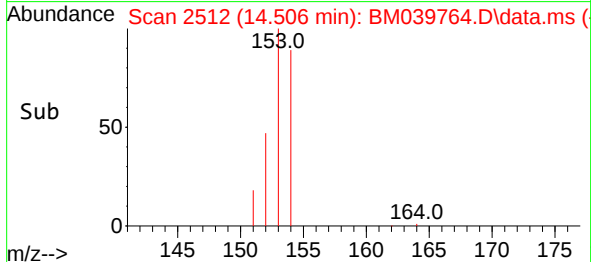
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



Tgt Ion:153 Resp: 16462
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 88.2 71.9 107.9

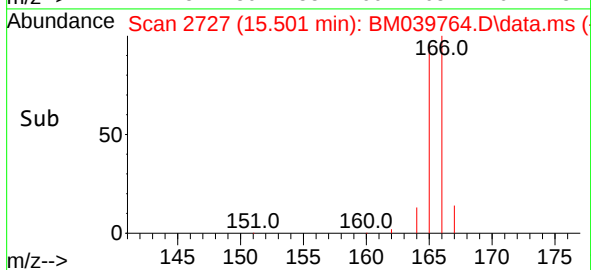
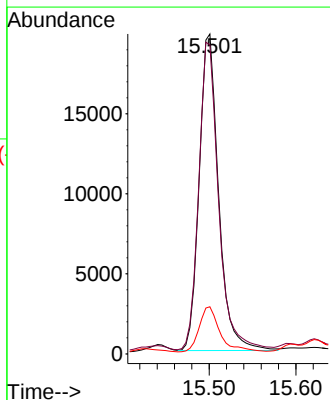
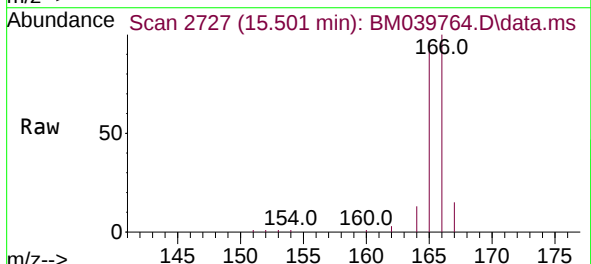
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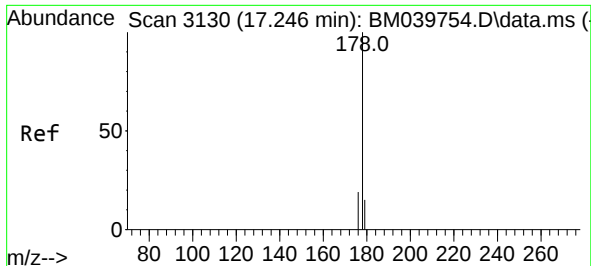
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.831 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

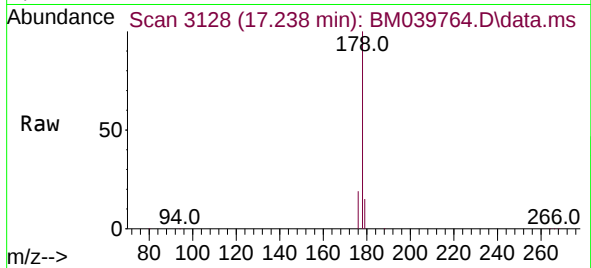
Tgt Ion:166 Resp: 30879
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 14.7 11.8 17.6





#15
Phenanthrene
Concen: 8.560 ng/ul
RT: 17.238 min Scan# 311
Delta R.T. -0.008 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

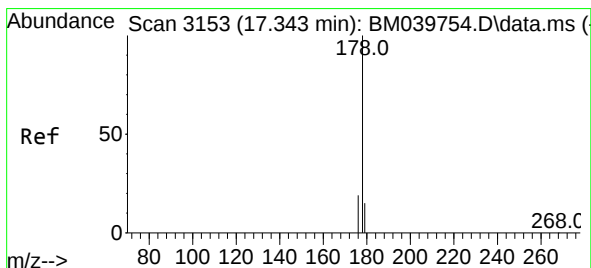
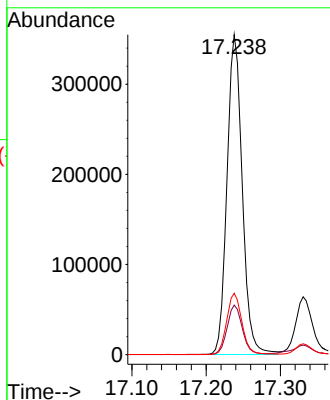
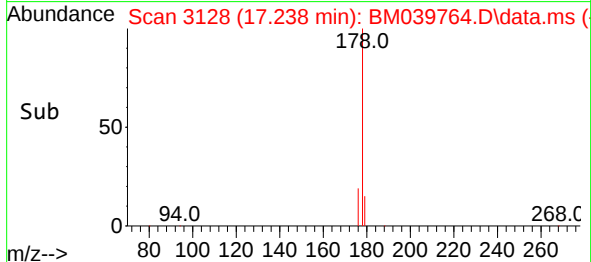
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



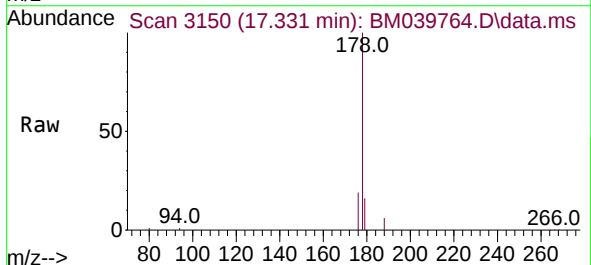
Tgt Ion:178 Resp: 506372
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.8 23.8

Manual Integrations
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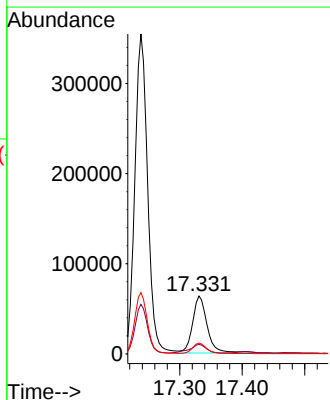
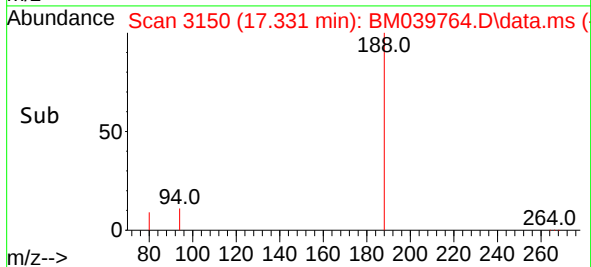
Reviewed By :Christian Giraldo 05/01/2023
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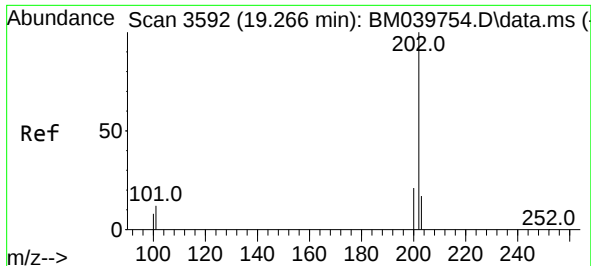


#16
Anthracene
Concen: 2.034 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32



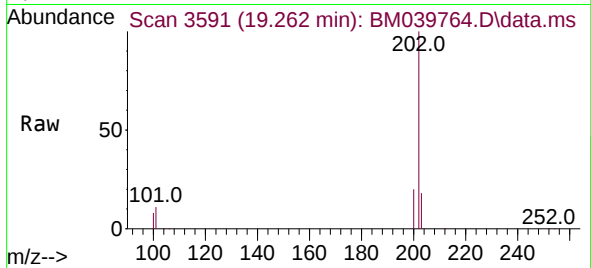
Tgt Ion:178 Resp: 103337
Ion Ratio Lower Upper
178 100
179 16.5 13.8 20.6
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 16.399 ng/u1
RT: 19.262 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

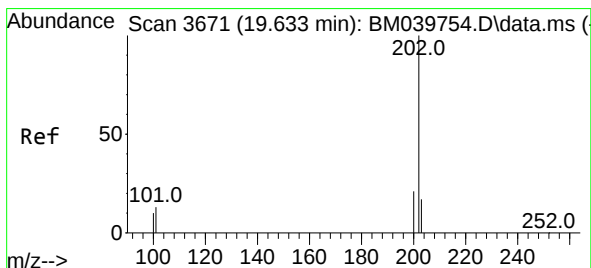
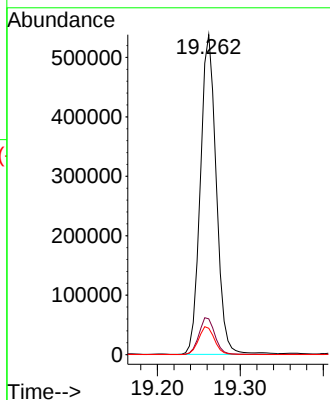
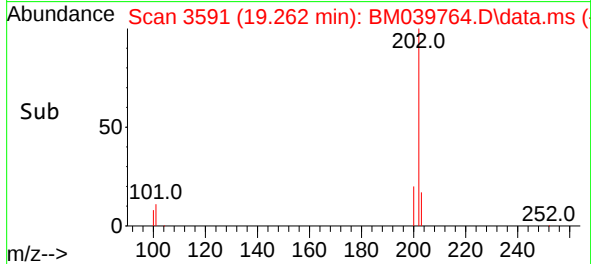
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



Tgt Ion:202 Resp: 714592
Ion Ratio Lower Upper
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101 11.2 9.8 14.8
100 8.3 7.3 10.9

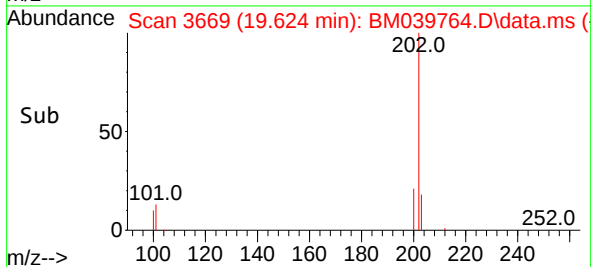
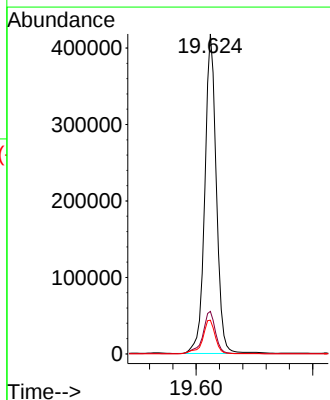
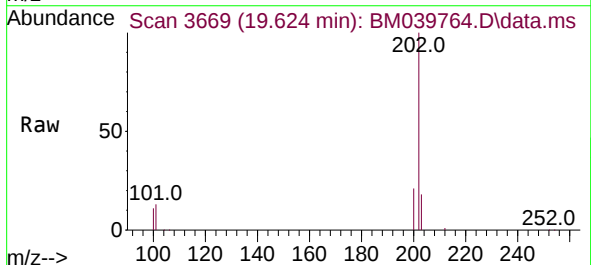
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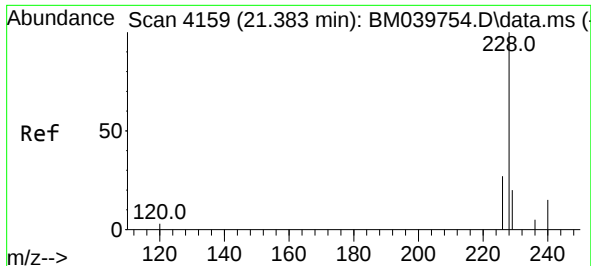
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 12.136 ng/u1
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

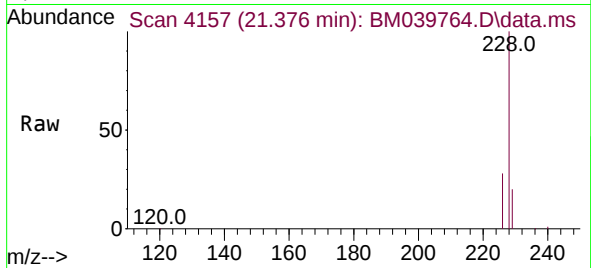
Tgt Ion:202 Resp: 571074
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 7.167 ng/ul
RT: 21.376 min Scan# 4157
Delta R.T. -0.007 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

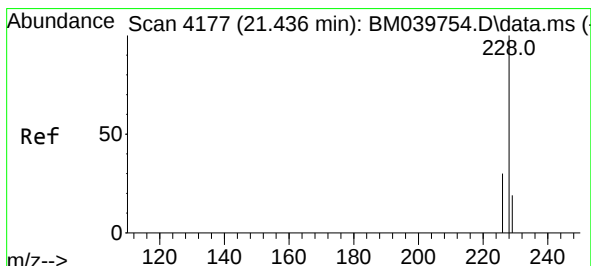
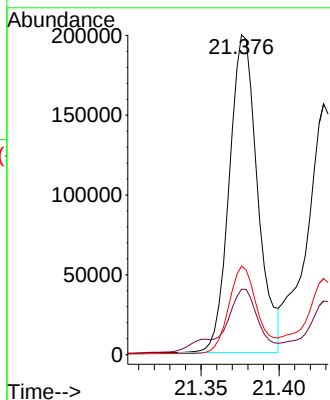
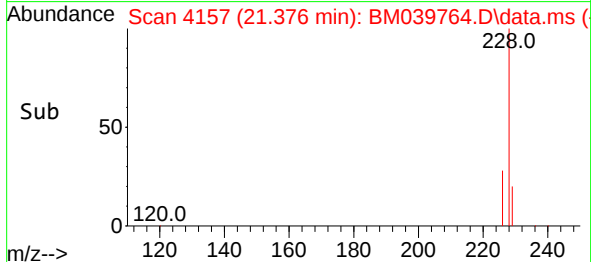
Instrument :
BNA_M
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EW8Y2DL



Tgt Ion:228 Resp: 251672
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.7 21.6 32.4

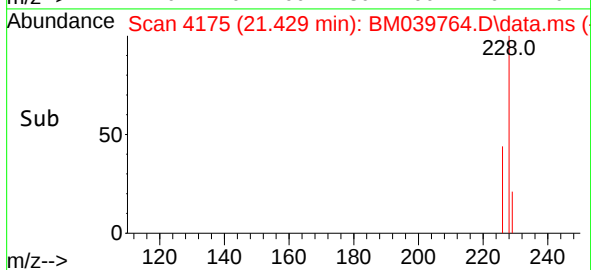
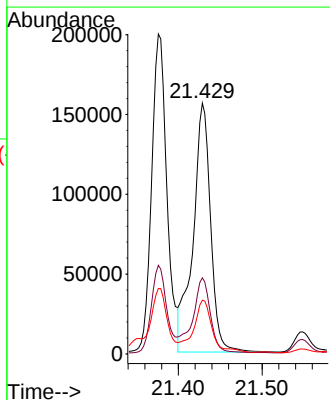
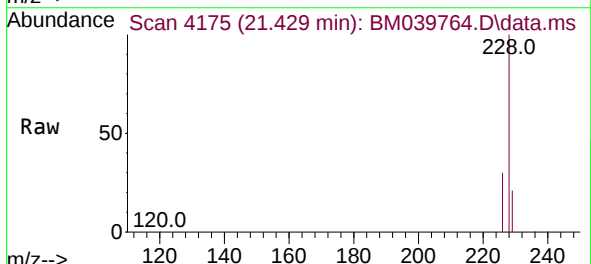
Manual Integrations
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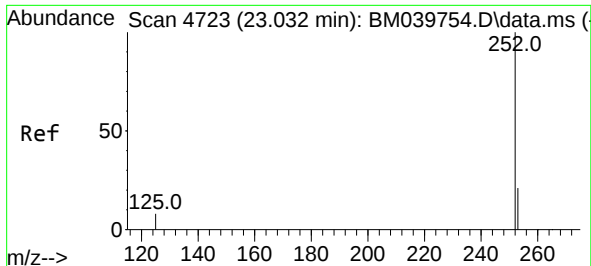
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 5.736 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. -0.007 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

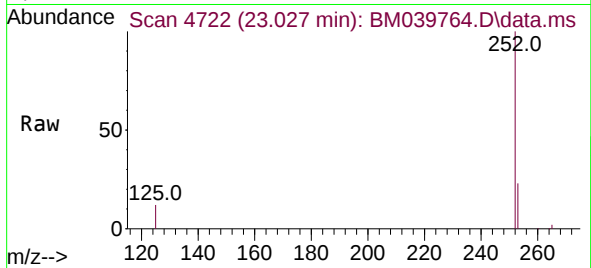
Tgt Ion:228 Resp: 227948
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.723 ng/ul
RT: 23.027 min Scan# 4722
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

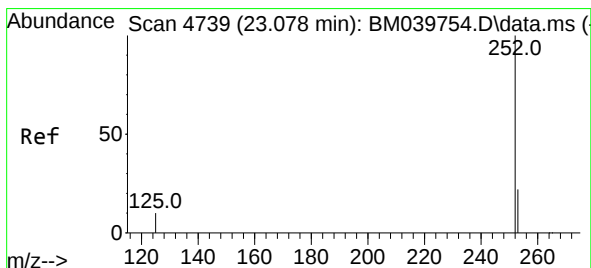
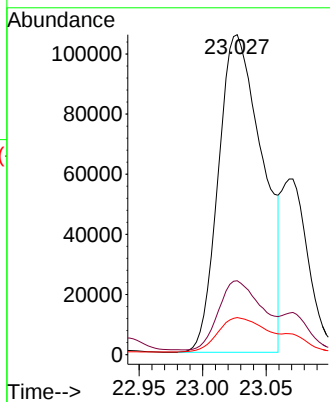
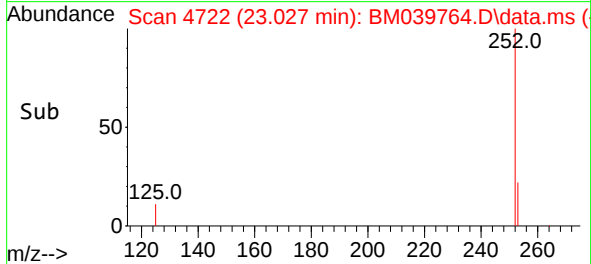
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



Tgt Ion:252 Resp: 256545
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 11.6 0.0 31.6

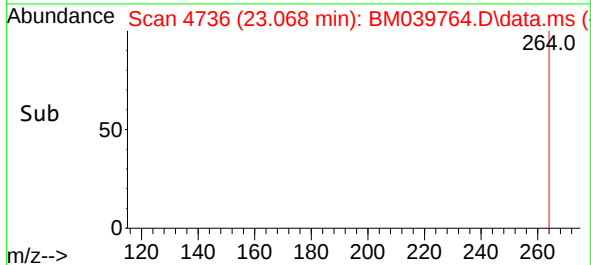
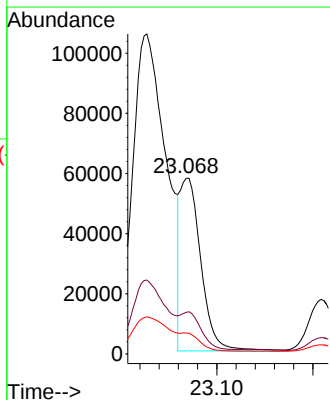
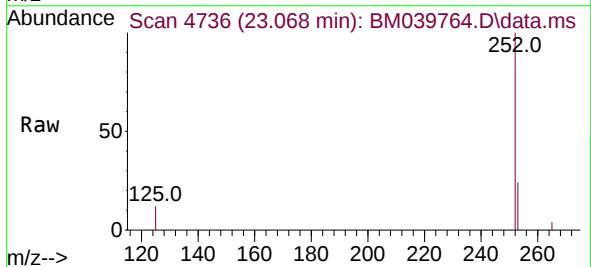
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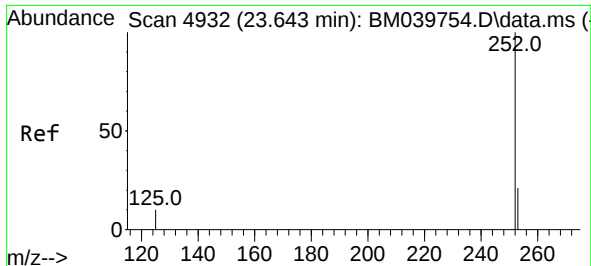
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 2.208 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.010 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

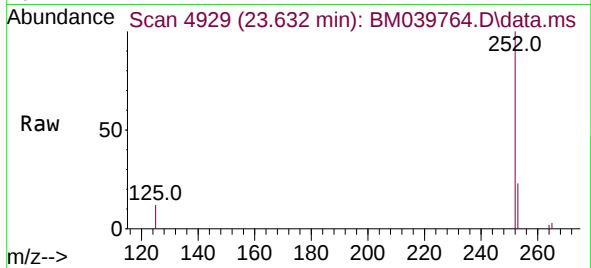
Tgt Ion:252 Resp: 85794
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 11.9 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 4.874 ng/ul
RT: 23.632 min Scan# 4932
Delta R.T. -0.010 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

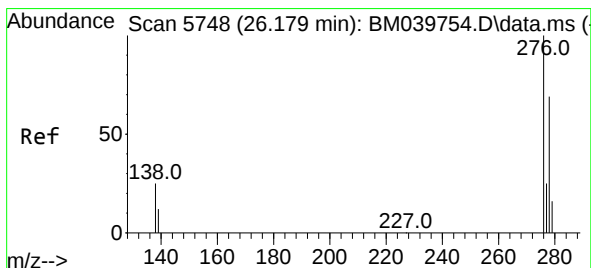
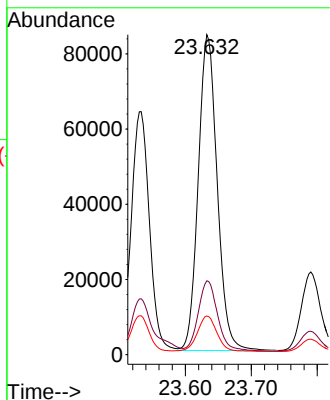
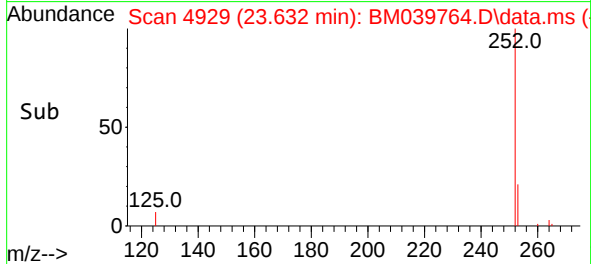
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



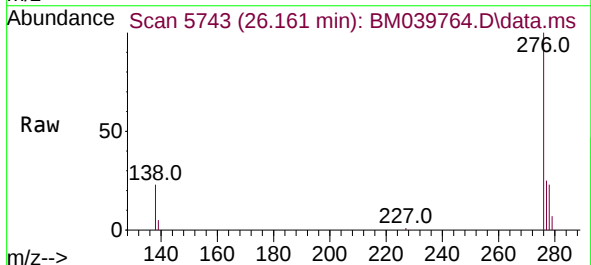
Tgt Ion:252 Resp: 166970
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1
125 12.1 16.5 24.7

Manual Integrations
APPROVED

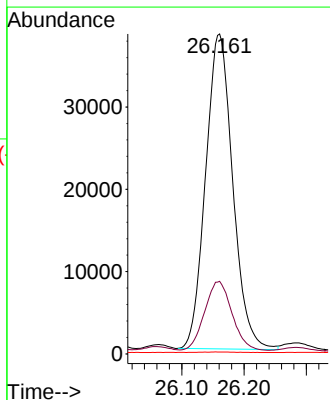
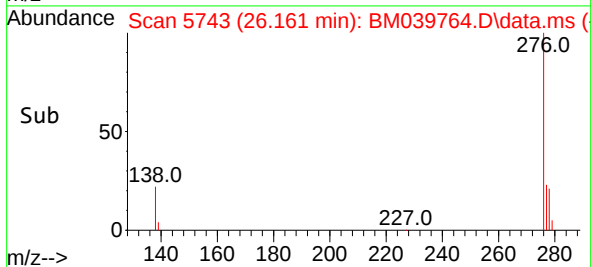
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

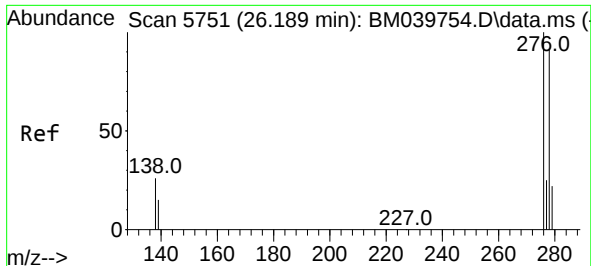


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.677 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.018 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32



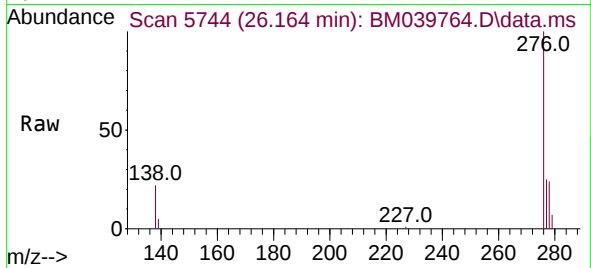
Tgt Ion:276 Resp: 115977
Ion Ratio Lower Upper
276 100
138 22.2 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.933 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.025 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

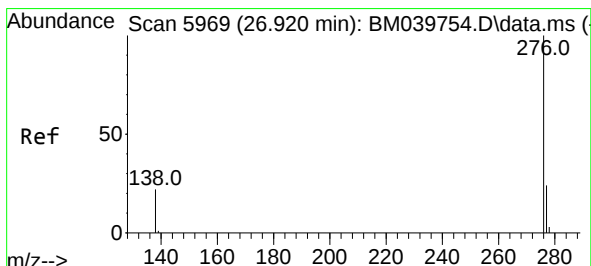
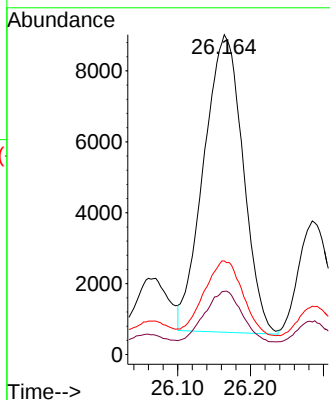
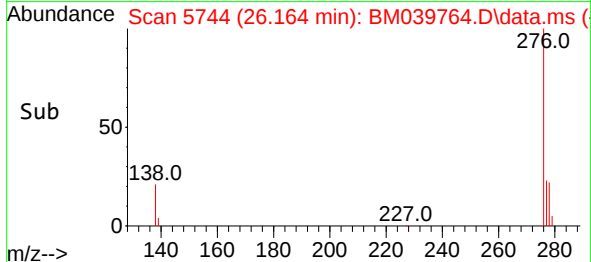
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL



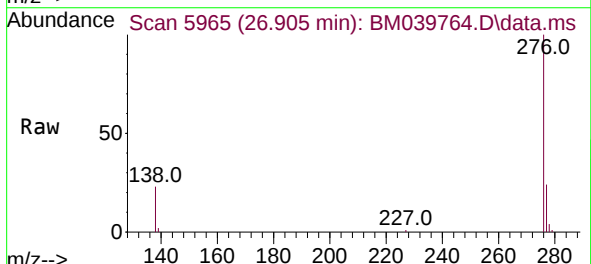
Tgt Ion: 278 Resp: 31378
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 29.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 2.771 ng/ul
RT: 26.905 min Scan# 5965
Delta R.T. -0.015 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32



Tgt Ion: 276 Resp: 104602
Ion Ratio Lower Upper
276 100
138 23.2 20.1 30.1
277 24.4 20.1 30.1

