

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039872.D
 Acq On : 08 May 2023 17:05
 Operator : CG/JU
 Sample : 02479-11DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW952DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 01:52:23 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 : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3593	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.590	136	13298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	7699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	15744	0.400	ng/ul	0.00
17) Chrysene-d12	21.391	240	9971	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	7845	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2512	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	707	0.041	ng/ul	0.02
18) Fluoranthene-d10	19.225	212	1609	0.060	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.639	128	3536	0.106	ng/ul#	93
7) 2-Methylnaphthalene	12.289	142	1042	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	726	0.035	ng/ul	99
10) Acenaphthylene	14.159	152	859	0.029	ng/ul#	72
11) Acenaphthene	14.497	153	4597	0.196	ng/ul	97
12) Fluorene	15.492	166	3988	0.154	ng/ul	99
15) Phenanthrene	17.234	178	91451	2.205	ng/ul	98
16) Anthracene	17.327	178	20820	0.585	ng/ul	98
19) Fluoranthene	19.257	202	207851	5.843	ng/ul	97
20) Pyrene	19.620	202	182499	4.751	ng/ul	98
21) Benzo(a)anthracene	21.373	228	80148	2.796	ng/ul	99
22) Chrysene	21.426	228	74414	2.294	ng/ul	98
24) Benzo(b)fluoranthene	23.021	252	79419	2.883	ng/ul	94
25) Benzo(k)fluoranthene	23.065	252	25717m	0.917	ng/ul	
26) Benzo(a)pyrene	23.632	252	52690	2.130	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.164	276	36074	1.153	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.164	278	7971	0.328	ng/ul#	85
29) Benzo(g,h,i)perylene	26.912	276	30339	1.113	ng/ul	99

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

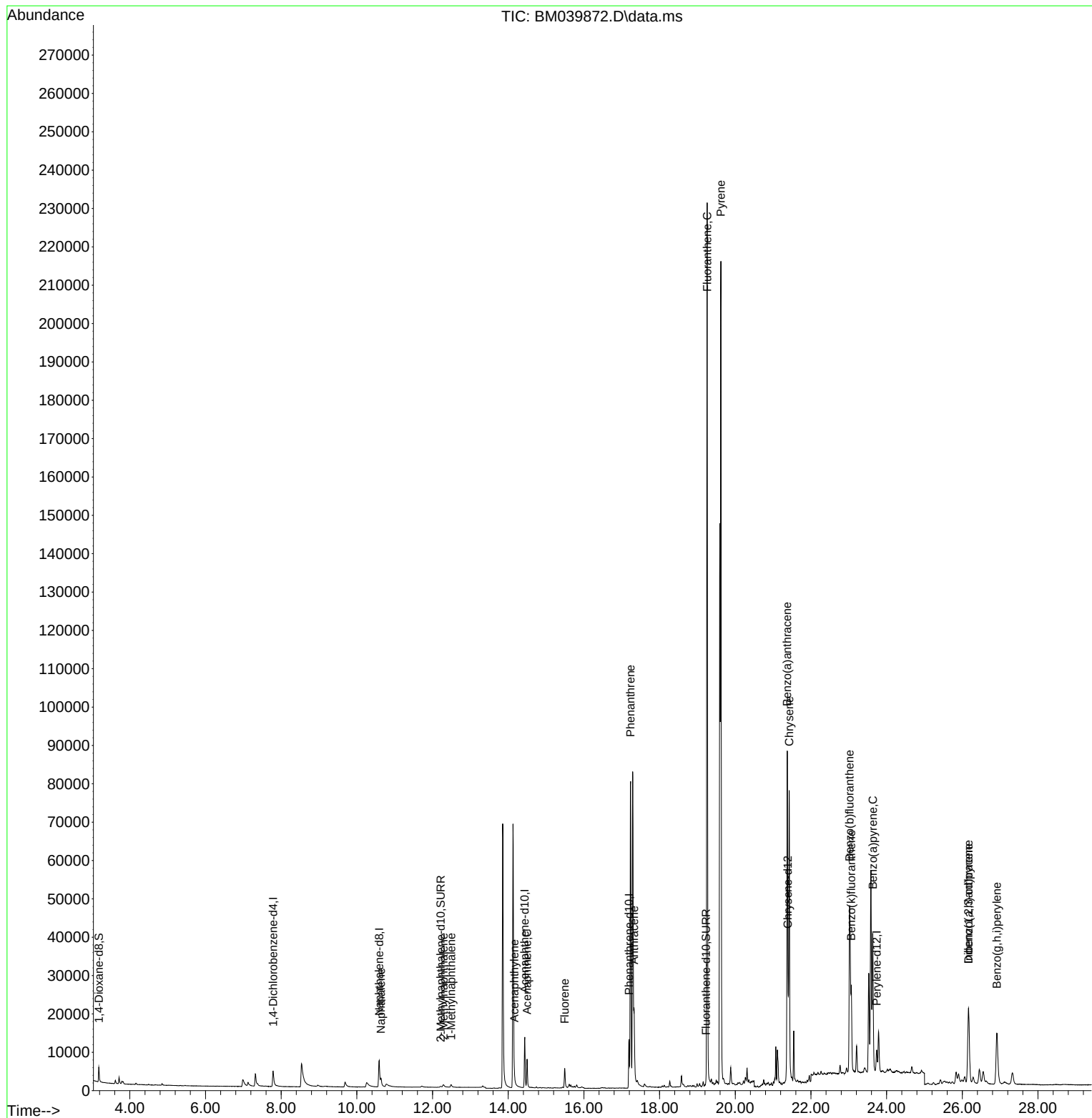
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039872.D
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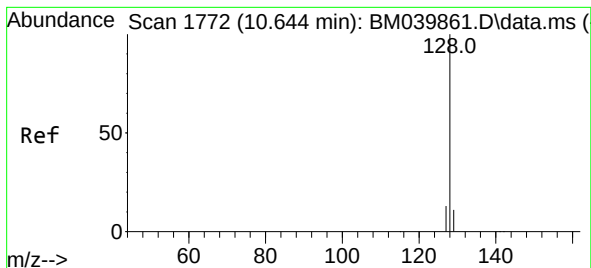
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Quant Time: May 09 01:52:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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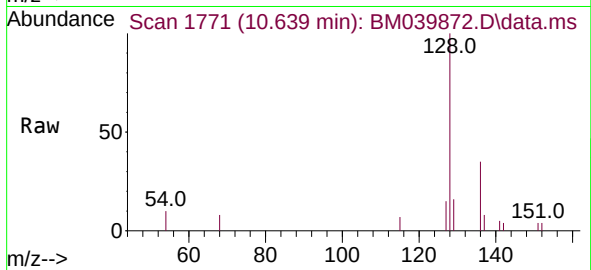
Reviewed By : Christian Giraldo 05/09/2023
Supervised By : Jagrut Upadhyay 05/09/2023





#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

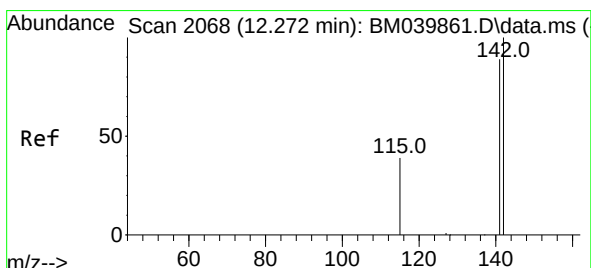
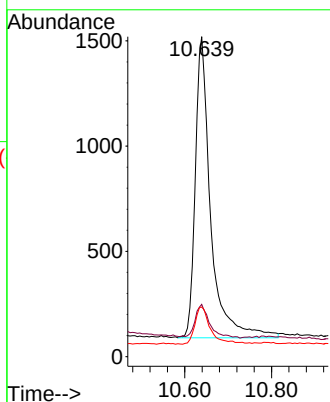
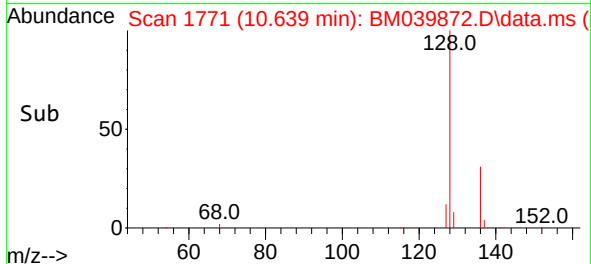
Instrument :
BNA_M
ClientSampleId :
EW952DL



Tgt Ion:128 Resp: 3530
Ion Ratio Lower Upper
128 100
129 16.3 9.8 14.6
127 15.5 11.1 16.7

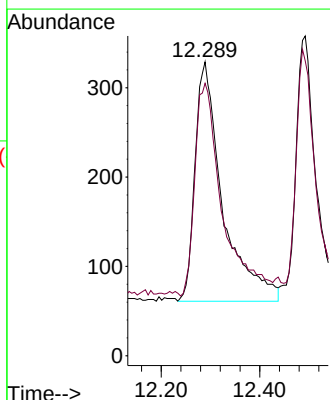
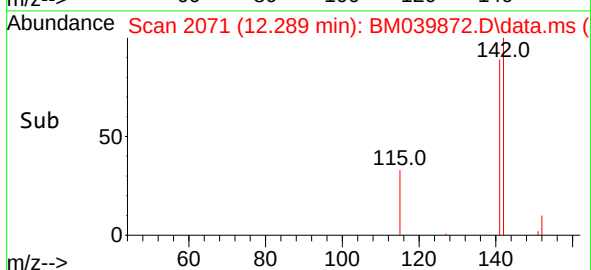
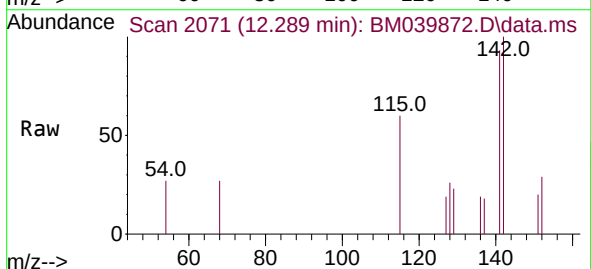
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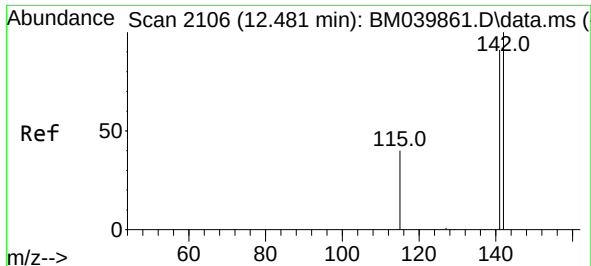
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.017 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

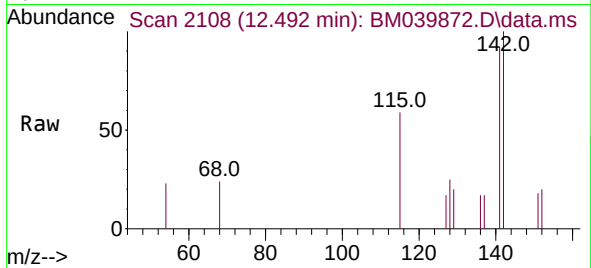
Tgt Ion:142 Resp: 1042
Ion Ratio Lower Upper
142 100
141 88.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.492 min Scan# 2106
Delta R.T. 0.011 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

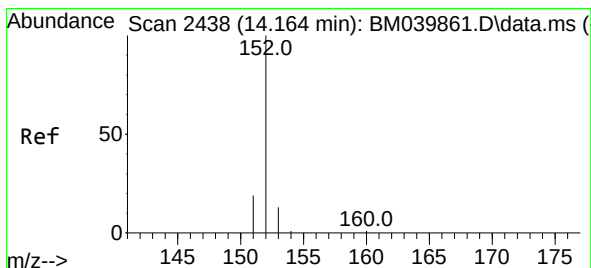
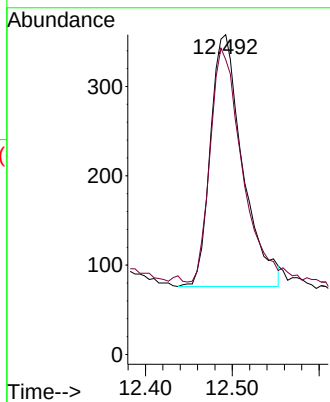
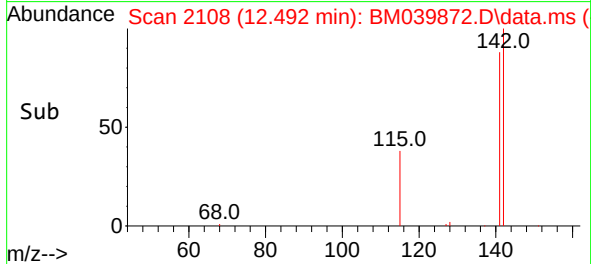
Instrument :
BNA_M
ClientSampleId :
EW952DL



Tgt Ion:142 Resp: 720
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2

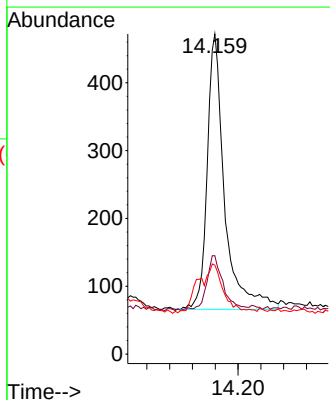
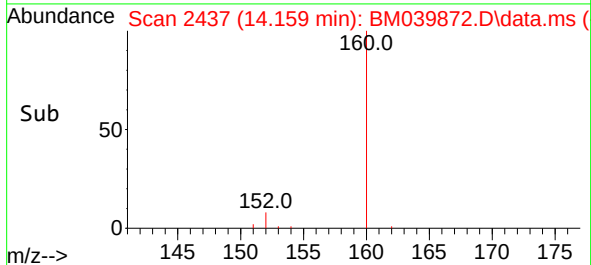
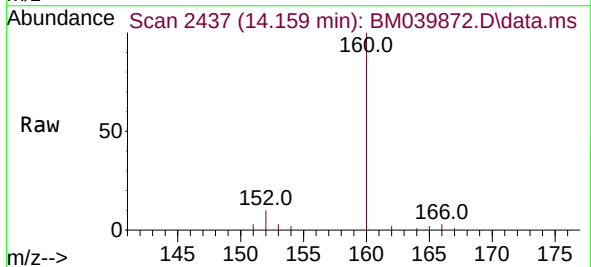
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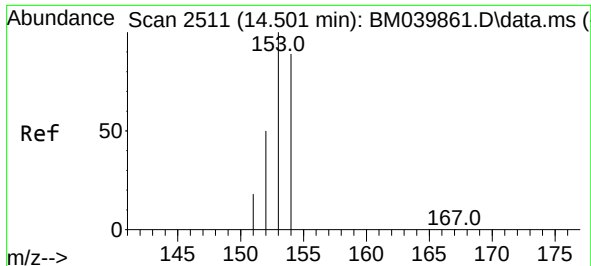
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

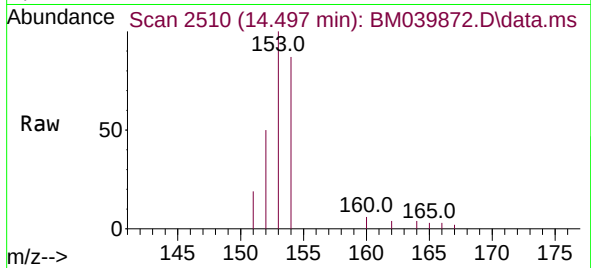
Tgt Ion:152 Resp: 859
Ion Ratio Lower Upper
152 100
151 30.7 16.0 24.0#
153 27.8 11.2 16.8#





#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.497 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

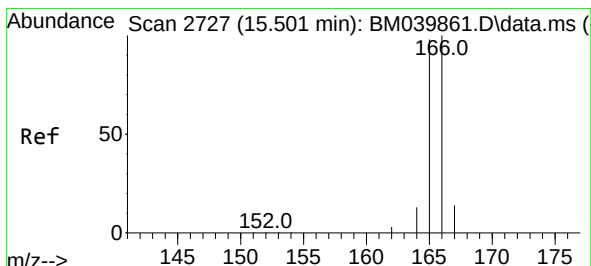
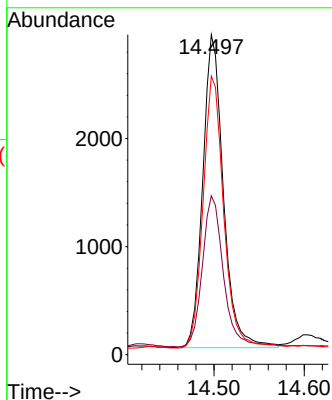
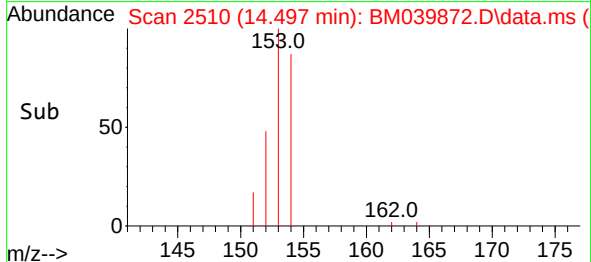
Instrument :
BNA_M
ClientSampleId :
EW952DL



Tgt Ion:153 Resp: 459
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 87.0 71.9 107.9

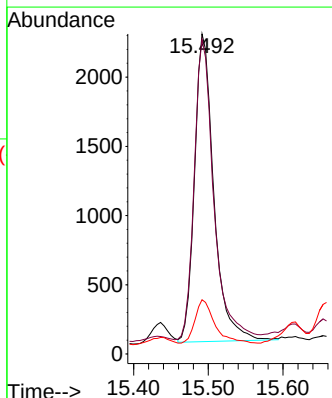
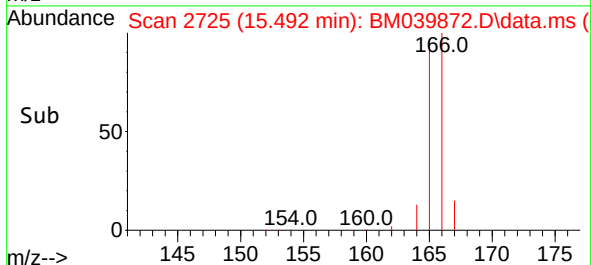
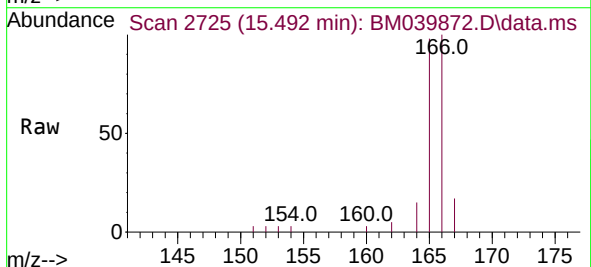
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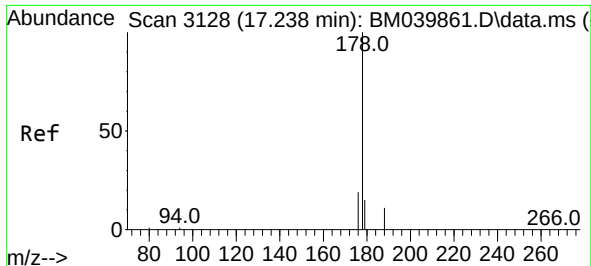
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:166 Resp: 3988
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 17.0 11.8 17.6





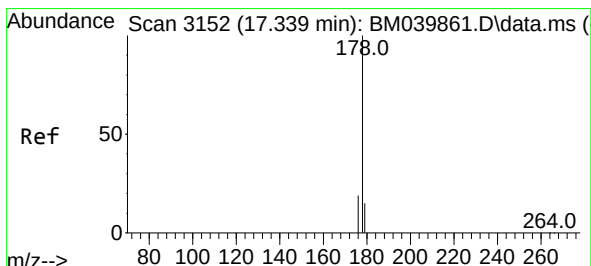
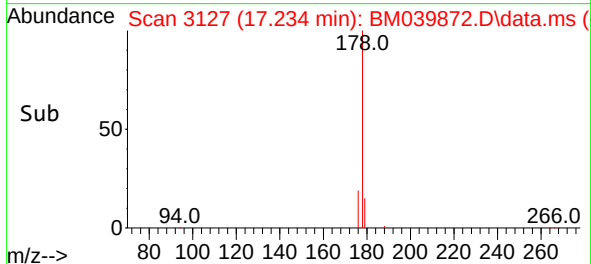
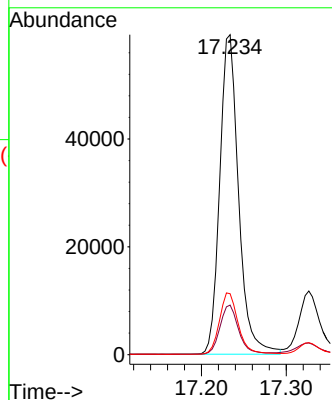
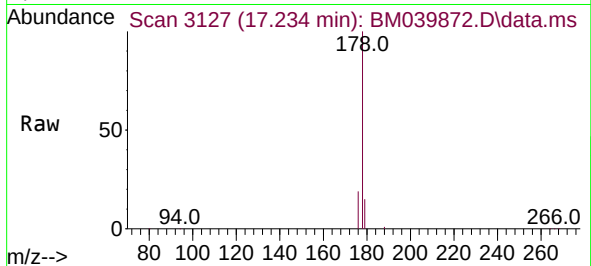
#15
Phenanthrene
Concen: 2.205 ng/ul
RT: 17.234 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:178 Resp: 9145
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 15.8 23.8

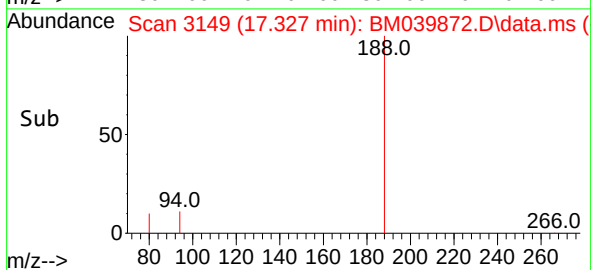
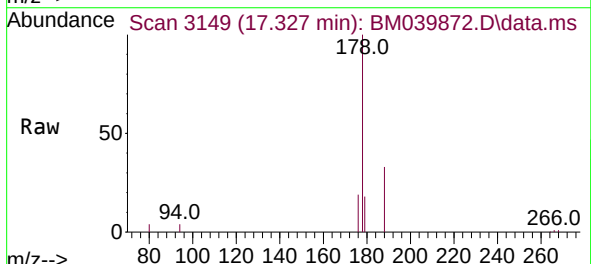
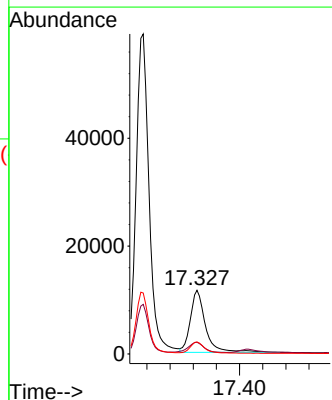
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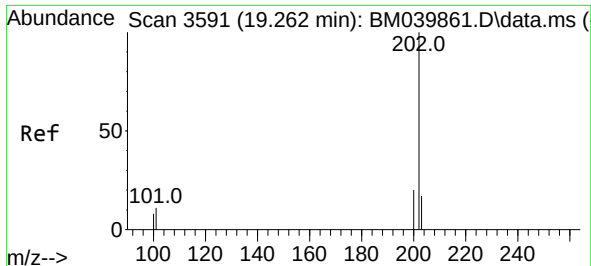
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#16
Anthracene
Concen: 0.585 ng/ul
RT: 17.327 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:178 Resp: 20820
Ion Ratio Lower Upper
178 100
179 18.4 13.8 20.6
176 19.0 15.8 23.8





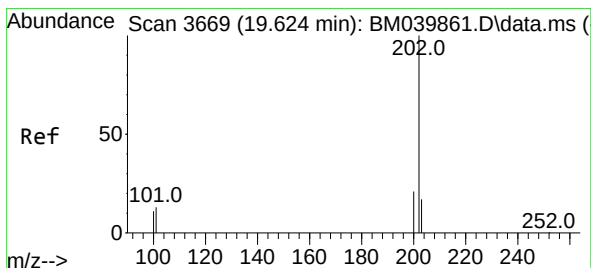
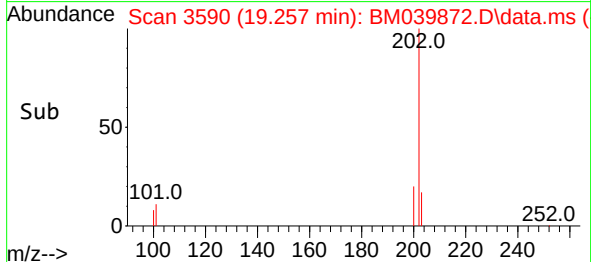
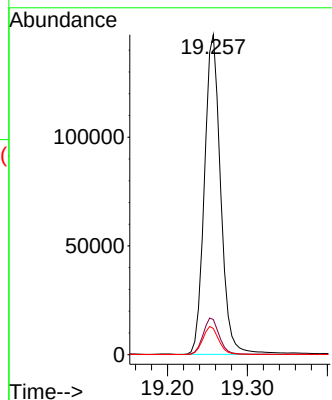
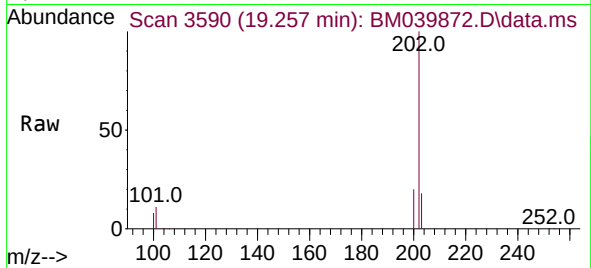
#19
Fluoranthene
Concen: 5.843 ng/u1
RT: 19.257 min Scan# 3590
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Instrument :
BNA_M
ClientSampleId :
EW952DL

Tgt Ion:202 Resp: 20785
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.2 7.3 10.9

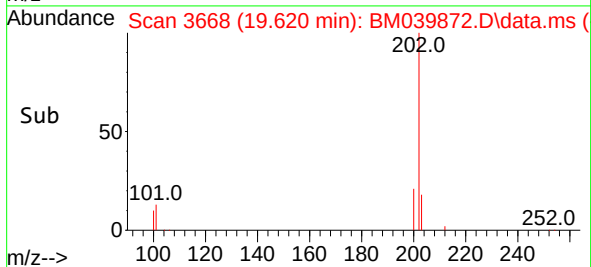
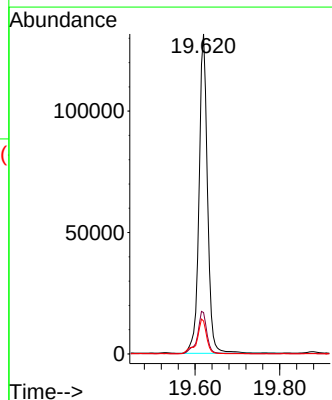
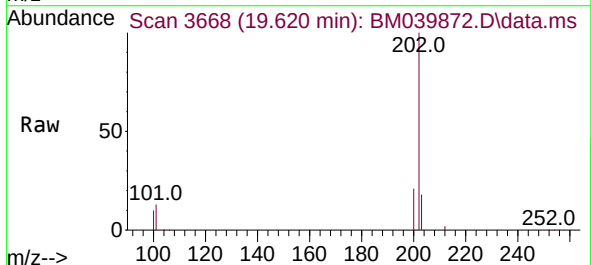
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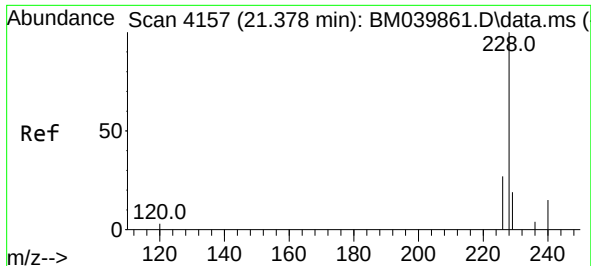
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 4.751 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

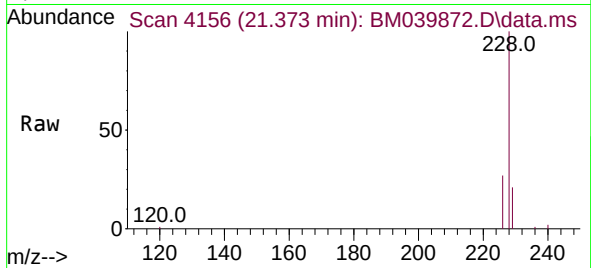
Tgt Ion:202 Resp: 182499
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.3 8.9 13.3





#21
Benzo(a)anthracene
Concen: 2.796 ng/ul
RT: 21.373 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

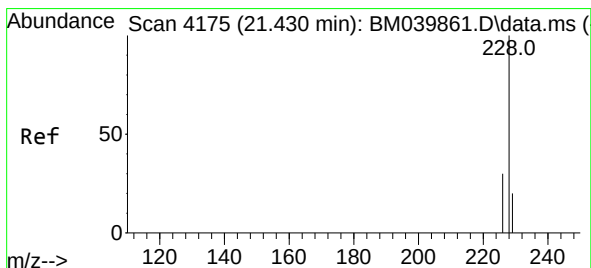
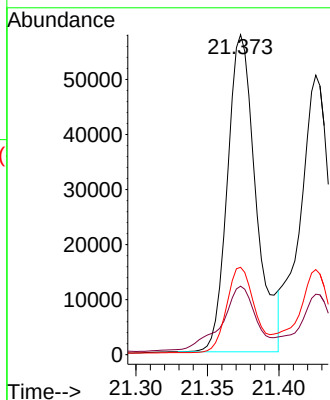
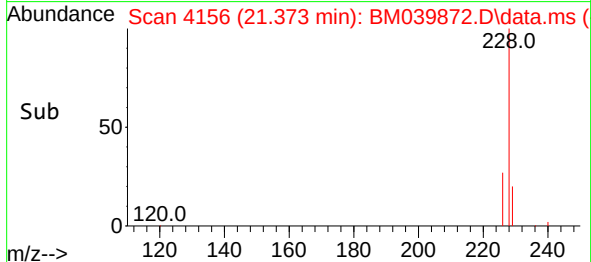
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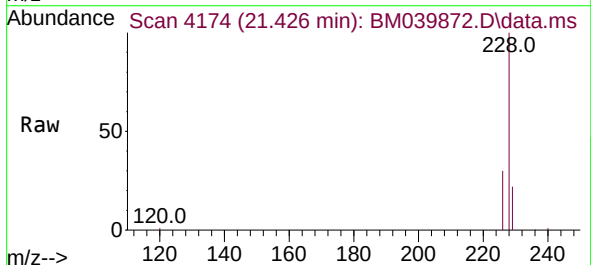
Tgt Ion:228 Resp: 8014
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 27.3 21.6 32.4

Manual Integrations
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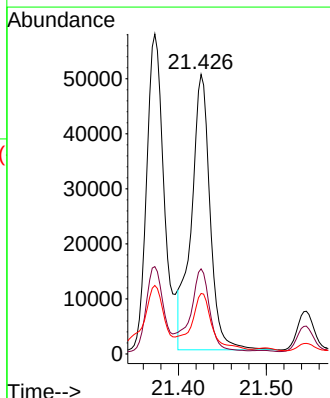
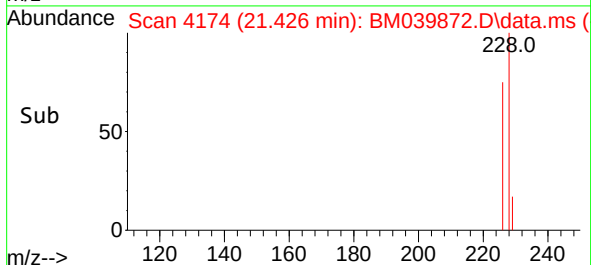
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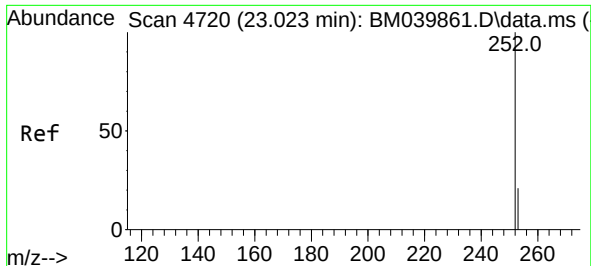


#22
Chrysene
Concen: 2.294 ng/ul
RT: 21.426 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05



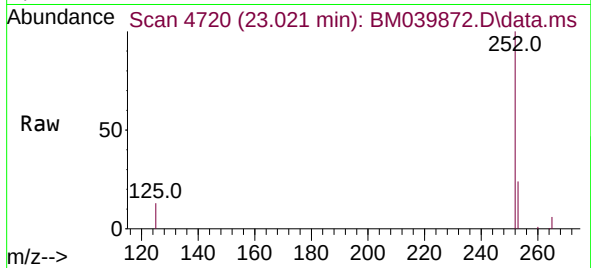
Tgt Ion:228 Resp: 74414
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 2.883 ng/ul
RT: 23.021 min Scan# 4720
Delta R.T. -0.002 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

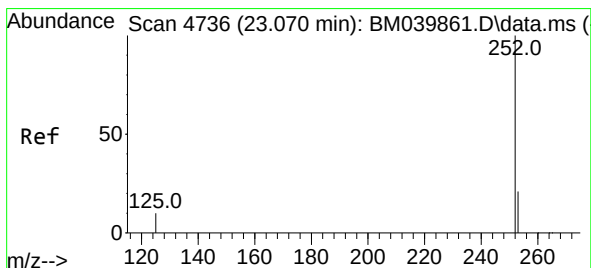
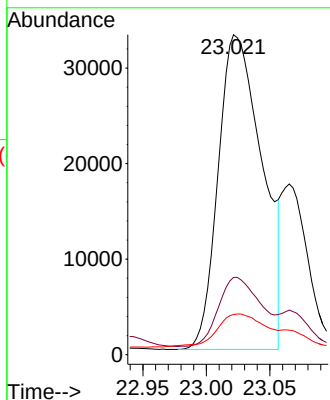
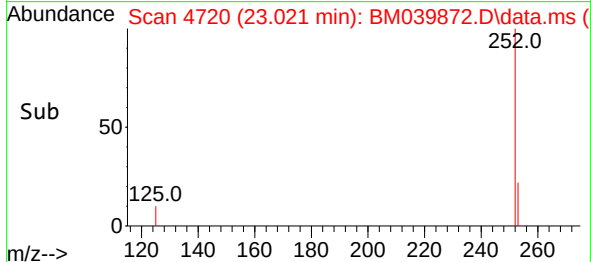
Instrument :
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ClientSampleId :
EW952DL



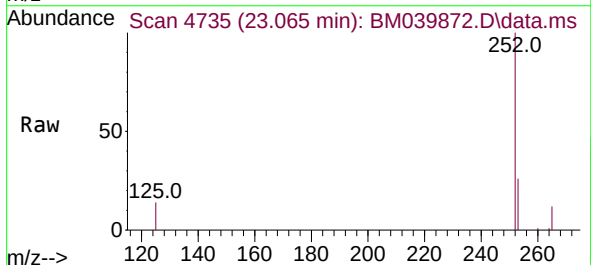
Tgt Ion:252 Resp: 79419
Ion Ratio Lower Upper
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253 24.2 0.0 52.8
125 12.6 0.0 31.6

Manual Integrations
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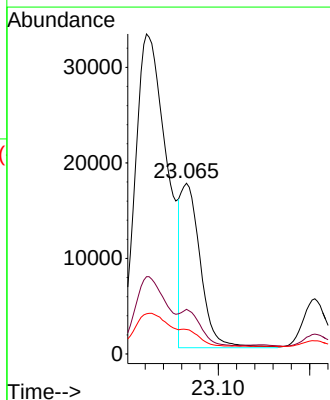
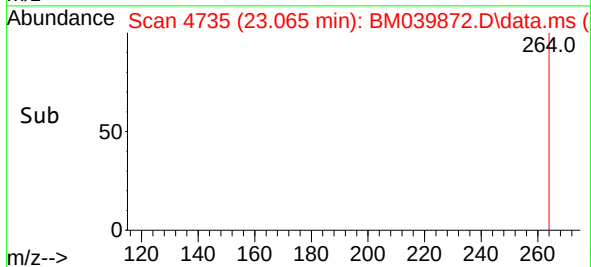
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

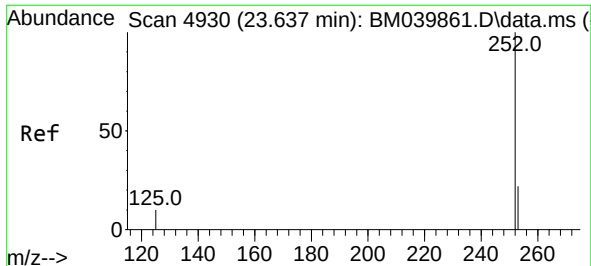


#25
Benzo(k)fluoranthene
Concen: 0.917 ng/ul m
RT: 23.065 min Scan# 4735
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05



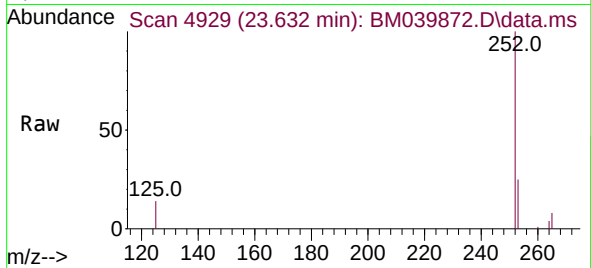
Tgt Ion:252 Resp: 25717
Ion Ratio Lower Upper
252 100
253 26.1 21.3 31.9
125 14.4 13.0 19.6





#26
Benzo(a)pyrene
Concen: 2.130 ng/ul
RT: 23.632 min Scan# 4930
Delta R.T. -0.004 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

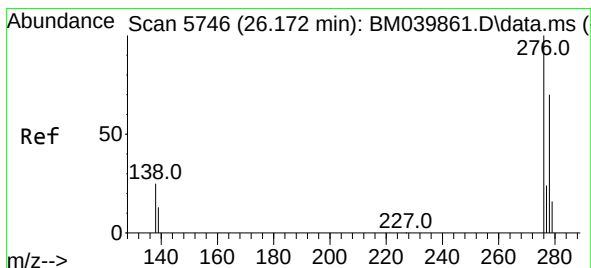
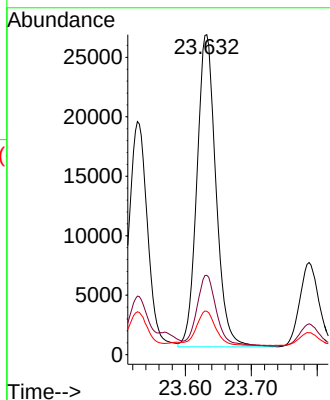
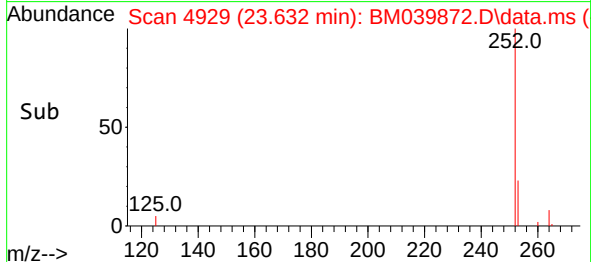
Instrument :
BNA_M
ClientSampleId :
EW952DL



Tgt Ion:252 Resp: 52690
Ion Ratio Lower Upper
252 100
253 24.8 24.7 37.1
125 13.6 16.5 24.7

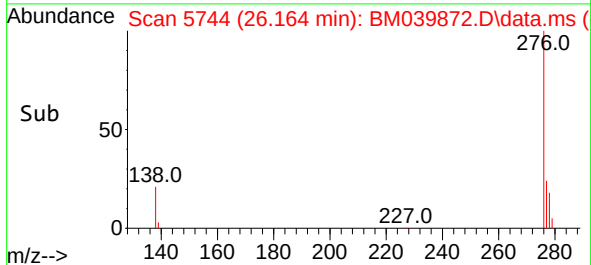
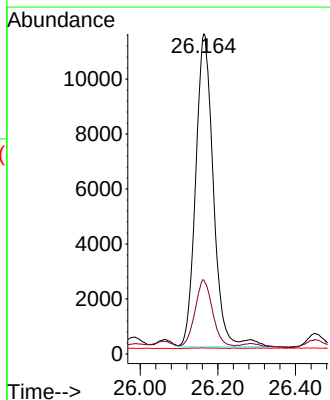
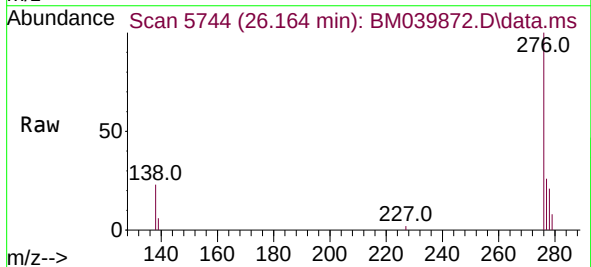
Manual Integrations
APPROVED

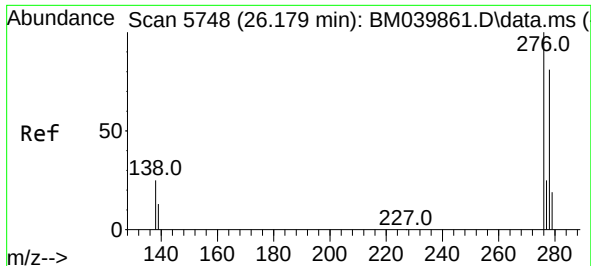
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.153 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.008 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

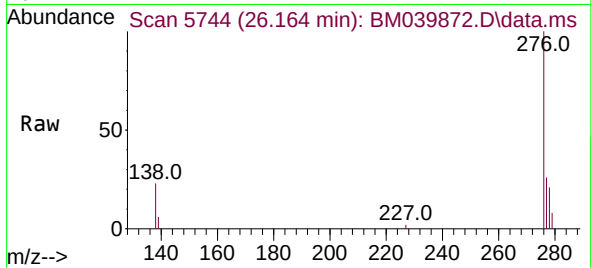
Tgt Ion:276 Resp: 36074
Ion Ratio Lower Upper
276 100
138 20.6 21.1 31.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

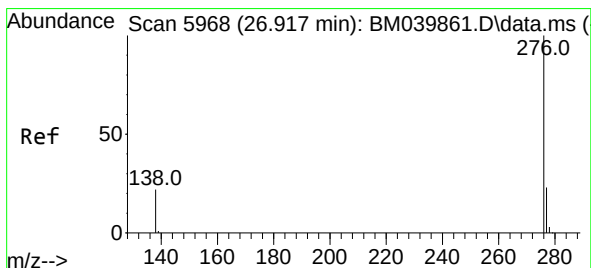
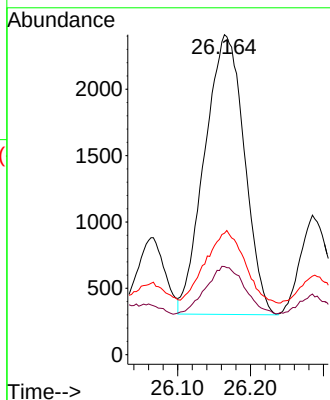
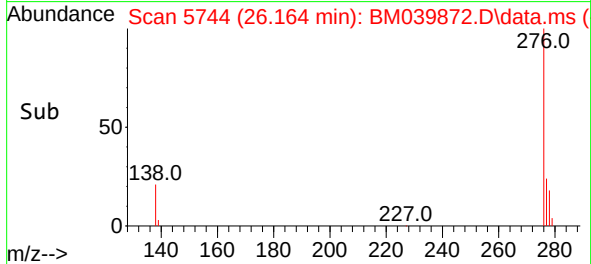
Instrument :
BNA_M
ClientSampleId :
EW952DL



Tgt Ion:278 Resp: 797
Ion Ratio Lower Upper
278 100
139 27.5 17.0 25.6
279 38.0 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#29
Benzo(g,h,i)perylene
Concen: 1.113 ng/ul
RT: 26.912 min Scan# 5967
Delta R.T. -0.005 min
Lab File: BM039872.D
Acq: 08 May 2023 17:05

Tgt Ion:276 Resp: 30339
Ion Ratio Lower Upper
276 100
138 24.5 20.1 30.1
277 25.9 20.1 30.1

