

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039894.D
 Acq On : 09 May 2023 15:21
 Operator : CG/JU
 Sample : 02479-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW949

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 00:27:21 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 09 12:11:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2372	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.579	136	7853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	4667	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	8788	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.405	240	6120	0.400	ng/ul	# 0.01
23) Perylene-d12	23.764	264	10515	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	4576	1.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1232	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	2517	0.153	ng/ul	0.01
Target Compounds						Qvalue
5) Naphthalene	10.628	128	41299	2.094	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	44104	3.875	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	33722	2.762	ng/ul	100
10) Acenaphthylene	14.159	152	43587	2.413	ng/ul	96
11) Acenaphthene	14.497	153	103415	7.289	ng/ul	98
12) Fluorene	15.492	166	117078	7.437	ng/ul	98
15) Phenanthrene	17.242	178	2041668	88.184	ng/ul	99
16) Anthracene	17.331	178	516806	25.996	ng/ul	97
19) Fluoranthene	19.271	202	3165572	144.986	ng/ul	98
20) Pyrene	19.638	202	2701490	114.576	ng/ul	100
21) Benzo(a)anthracene	21.388	228	1517006	86.214	ng/ul	98
22) Chrysene	21.443	228	1345944	67.592	ng/ul	97
24) Benzo(b)fluoranthene	23.054	252	1956122m	52.971	ng/ul	
25) Benzo(k)fluoranthene	23.092	252	621944m	16.541	ng/ul	
26) Benzo(a)pyrene	23.667	252	1424672	42.970	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.224	276	1050462	25.057	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.218	278	273748	8.413	ng/ul	100
29) Benzo(g,h,i)perylene	26.979	276	979766	26.821	ng/ul	98

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

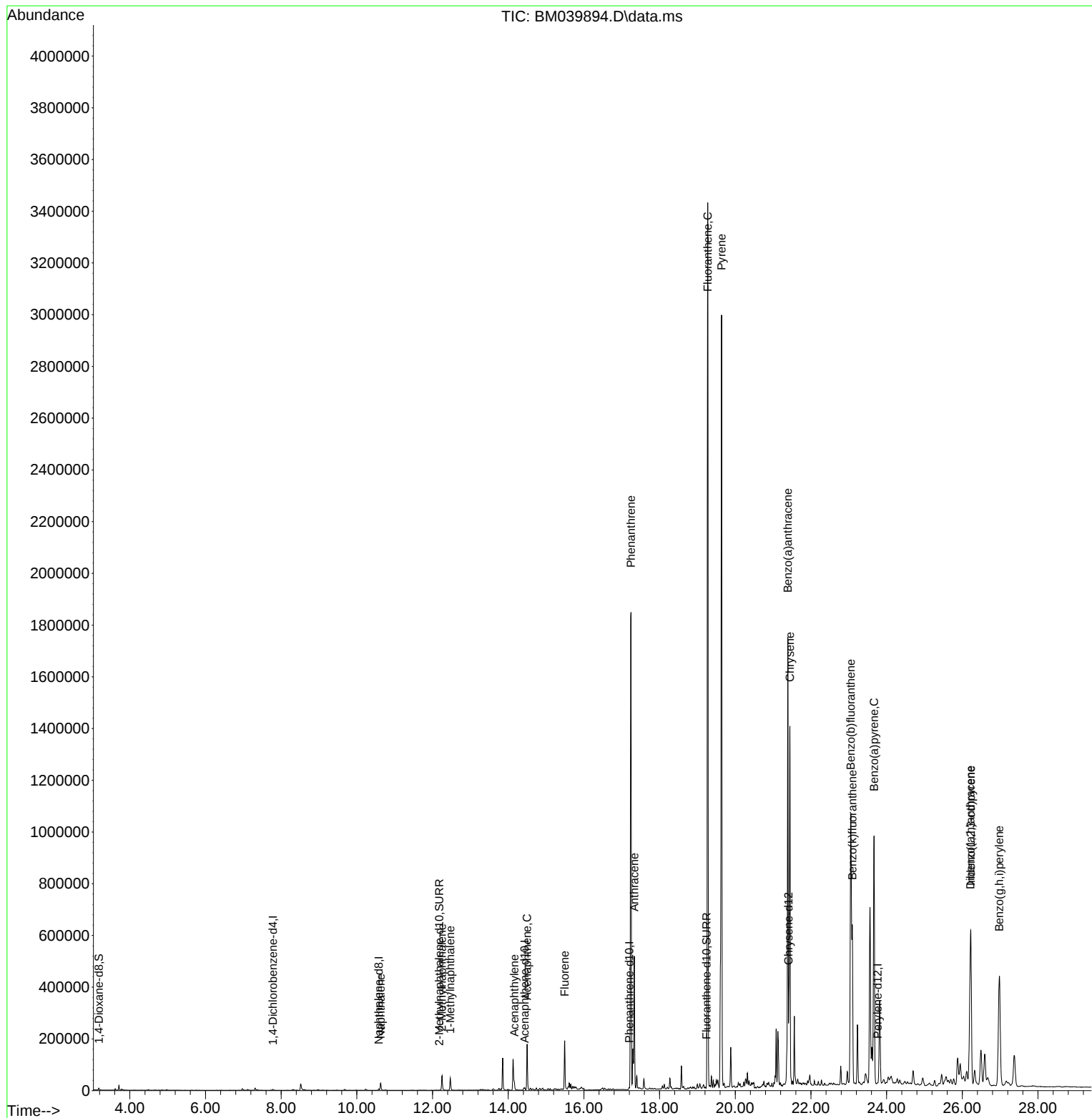
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039894.D
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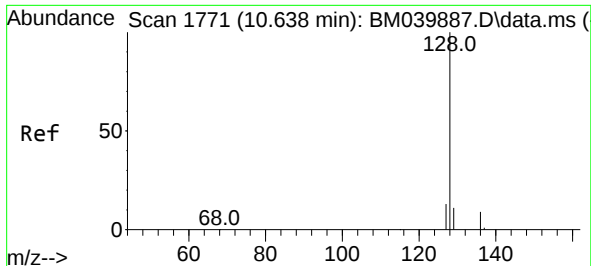
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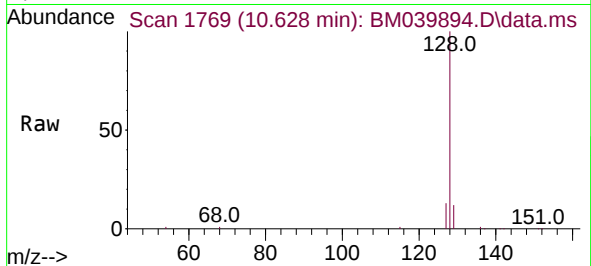
Quant Time: May 10 00:27:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
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#5
Naphthalene
Concen: 2.094 ng/ul
RT: 10.628 min Scan# 1771
Delta R.T. -0.010 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

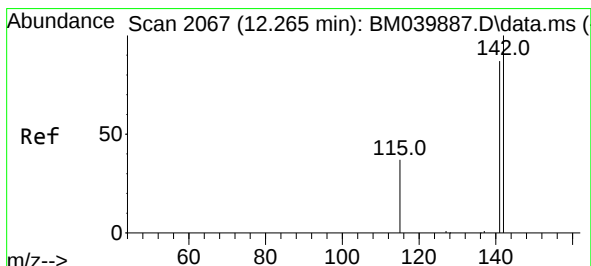
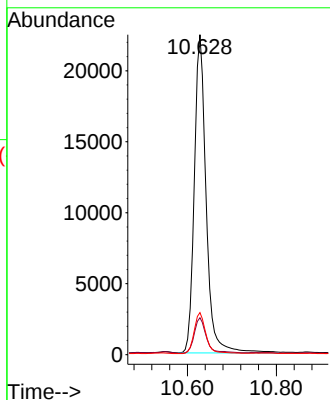
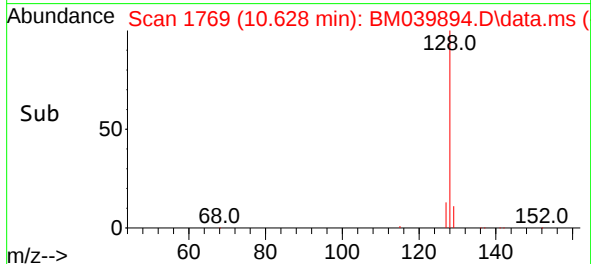
Instrument :
BNA_M
ClientSampleId :
EW949



Tgt Ion:128 Resp: 41299
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.1 11.1 16.7

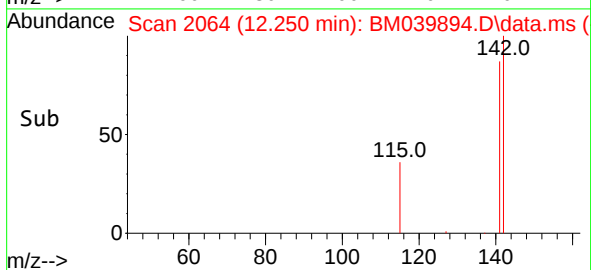
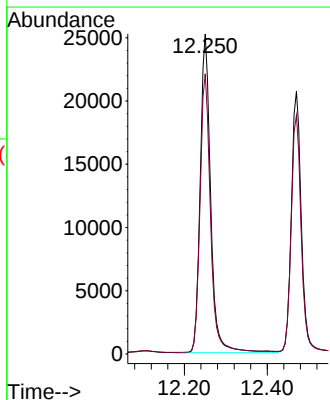
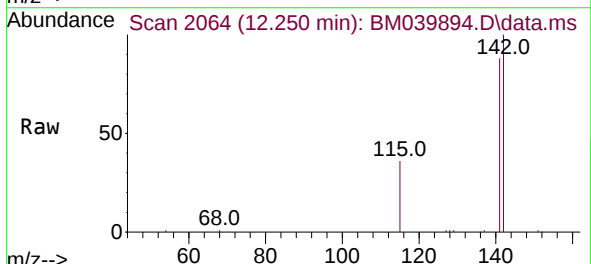
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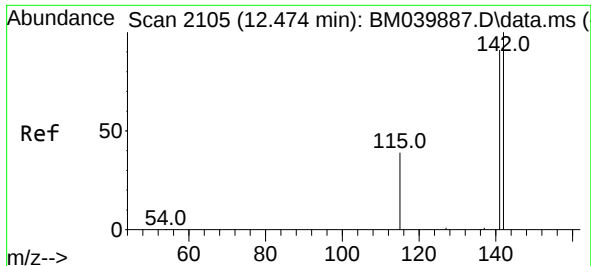
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#7
2-Methylnaphthalene
Concen: 3.875 ng/ul
RT: 12.250 min Scan# 2064
Delta R.T. -0.015 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

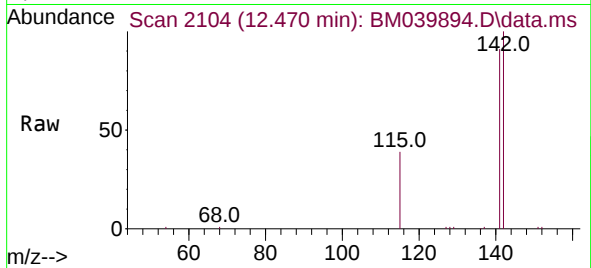
Tgt Ion:142 Resp: 44104
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 2.762 ng/ul
RT: 12.470 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

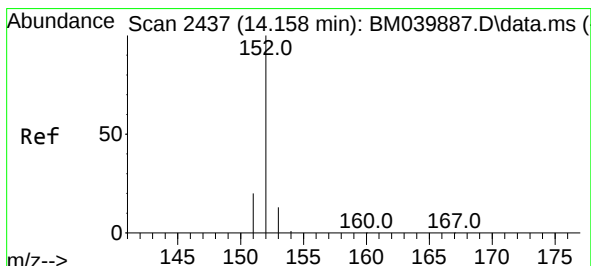
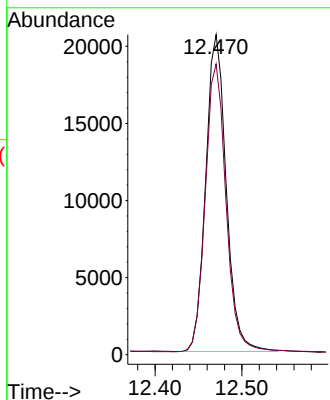
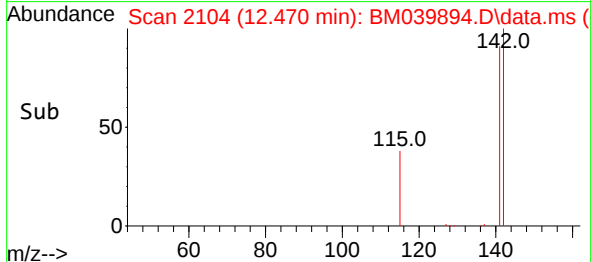
Instrument :
BNA_M
ClientSampleId :
EW949



Tgt Ion:142 Resp: 3372
Ion Ratio Lower Upper
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141 91.7 73.4 110.2

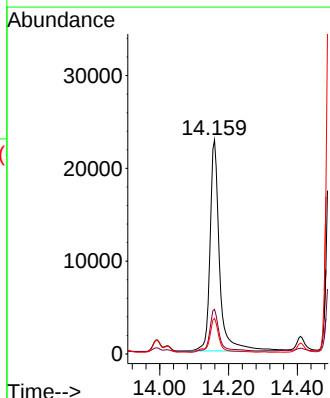
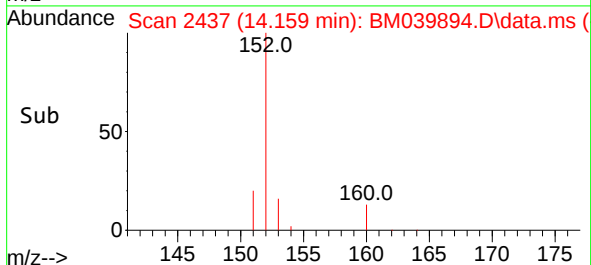
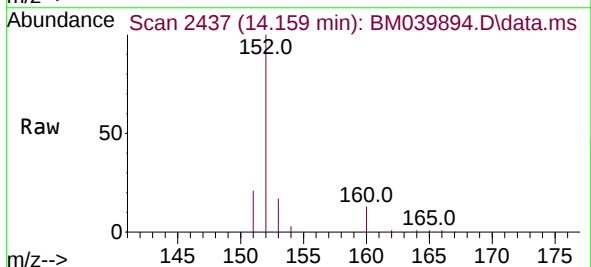
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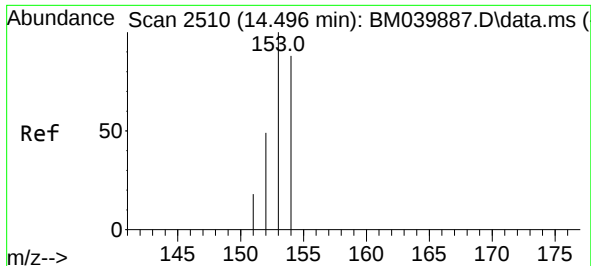
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#10
Acenaphthylene
Concen: 2.413 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

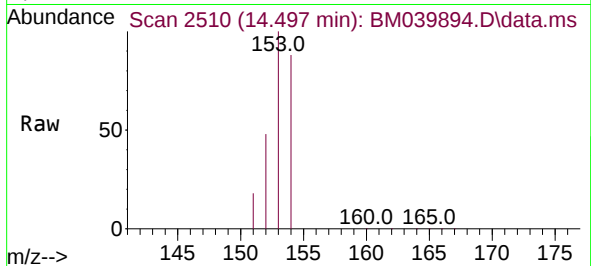
Tgt Ion:152 Resp: 43587
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 16.7 11.2 16.8





#11
Acenaphthene
Concen: 7.289 ng/ul
RT: 14.497 min Scan# 2510
Delta R.T. 0.001 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

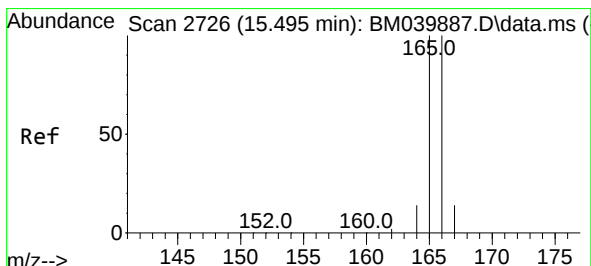
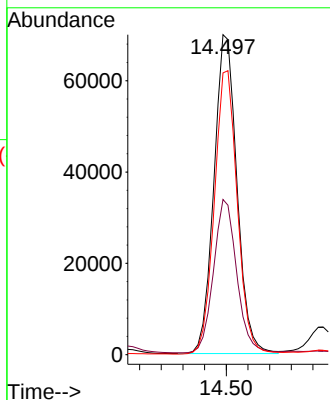
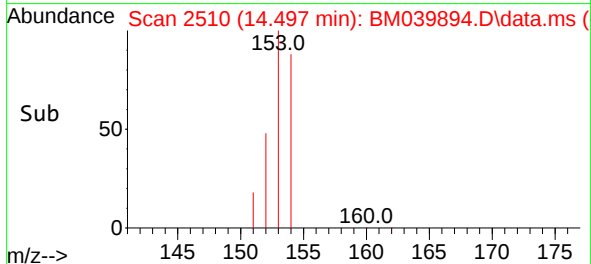
Instrument :
BNA_M
ClientSampleId :
EW949



Tgt Ion:153 Resp: 103415
Ion Ratio Lower Upper
153 100
152 48.5 40.6 61.0
154 88.0 71.9 107.9

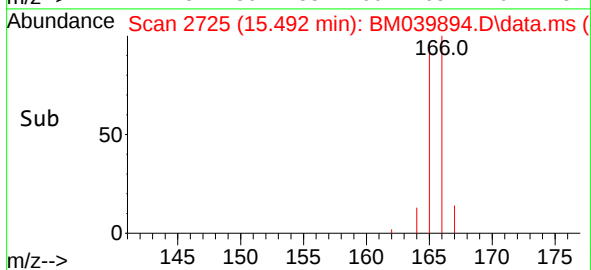
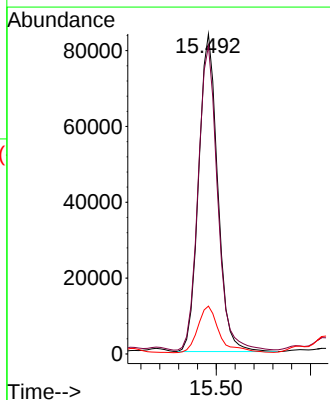
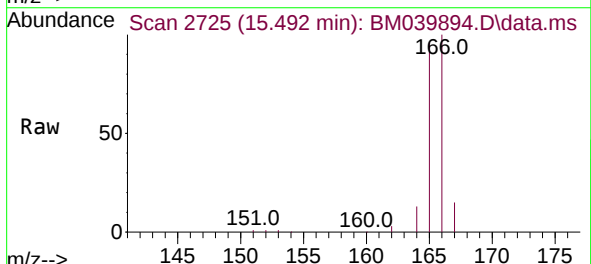
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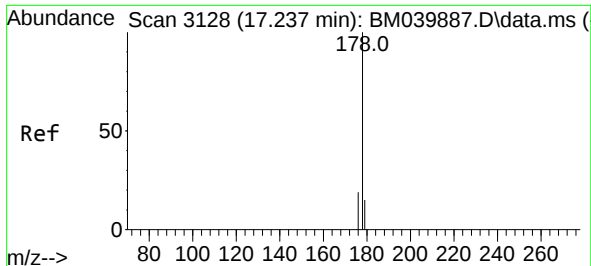
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#12
Fluorene
Concen: 7.437 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.003 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

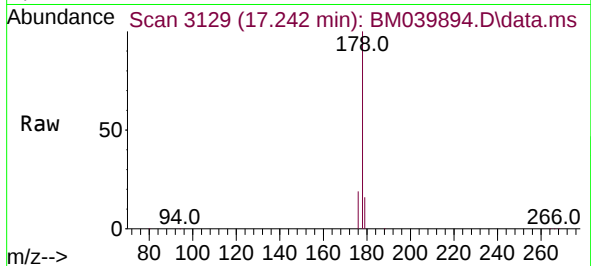
Tgt Ion:166 Resp: 117078
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.6
167 14.9 11.8 17.6





#15
Phenanthrene
Concen: 88.184 ng/ul
RT: 17.242 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

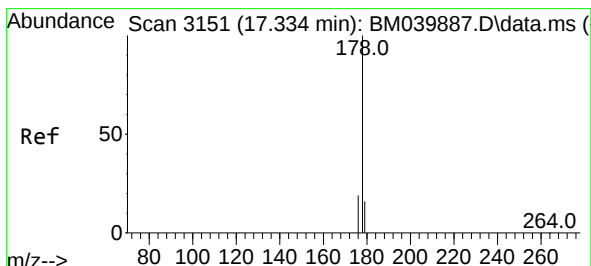
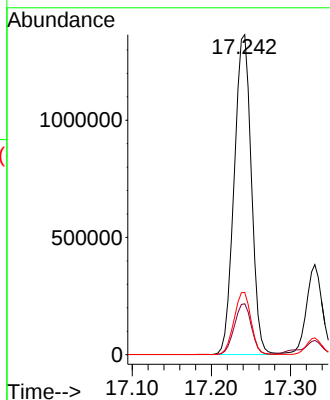
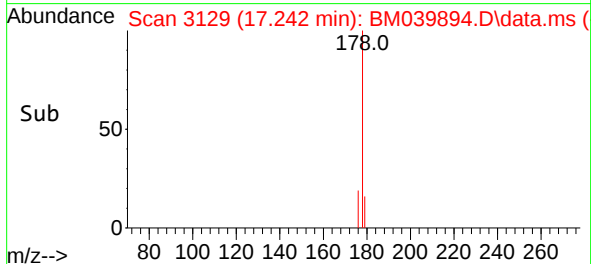
Instrument :
BNA_M
ClientSampleId :
EW949



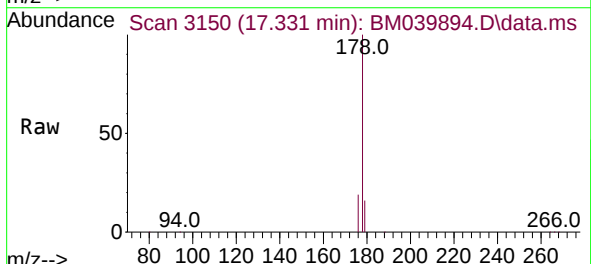
Tgt Ion:178 Resp: 204166
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.8 23.8

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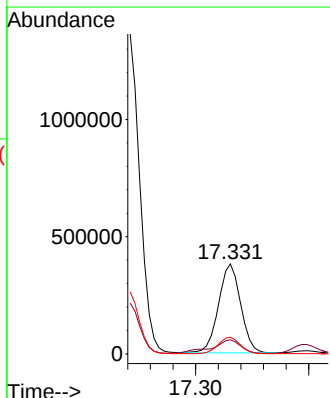
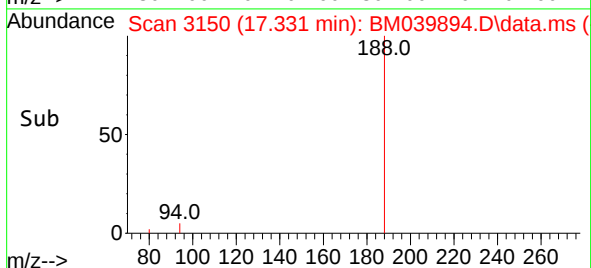
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

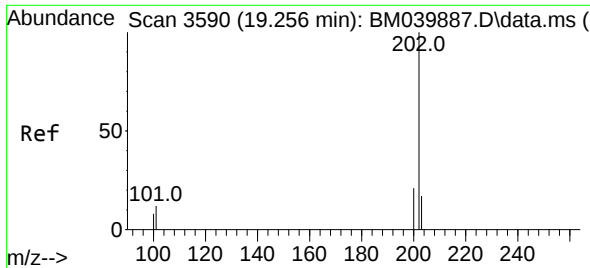


#16
Anthracene
Concen: 25.996 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21



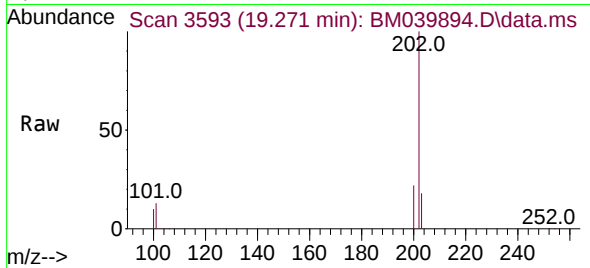
Tgt Ion:178 Resp: 516806
Ion Ratio Lower Upper
178 100
179 15.9 13.8 20.6
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 144.986 ng/u1
RT: 19.271 min Scan# 31
Delta R.T. 0.015 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

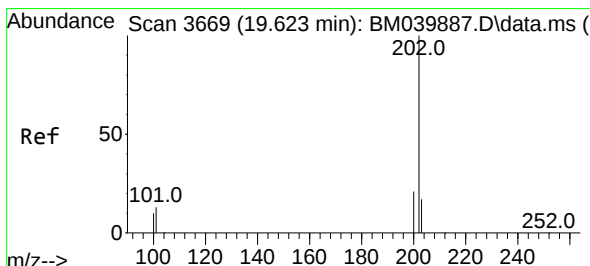
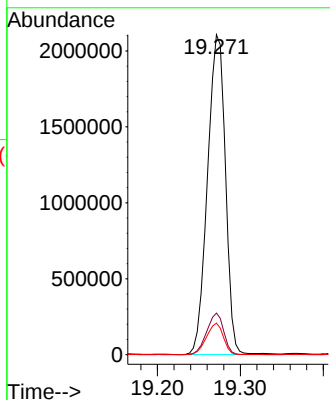
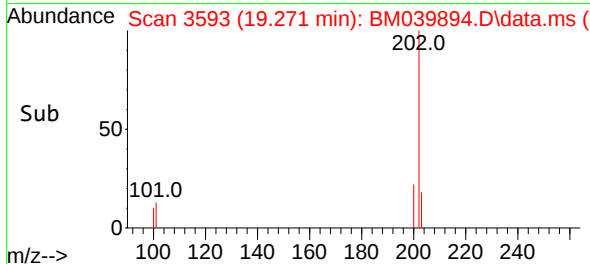
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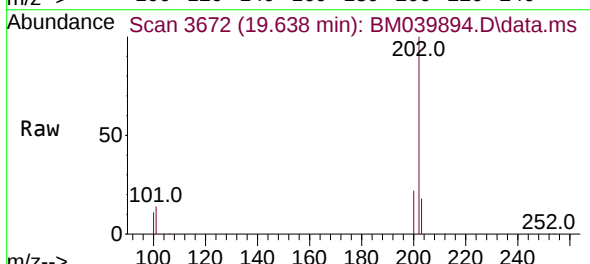
Tgt Ion:202 Resp: 316557
Ion Ratio Lower Upper
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101 13.0 9.8 14.8
100 9.8 7.3 10.9

Manual Integrations
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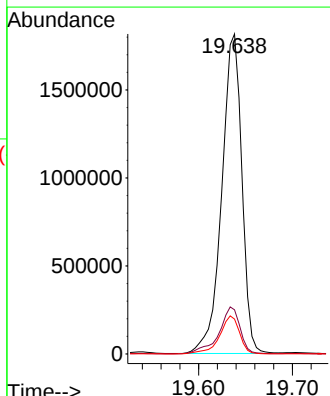
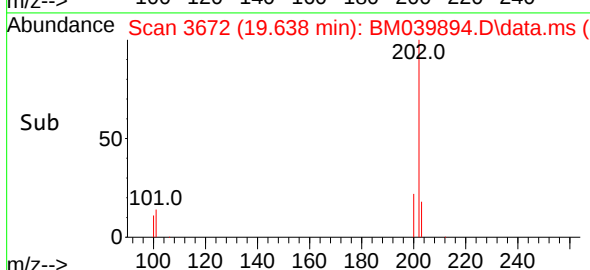
Reviewed By :Christian Giraldo 05/10/2023
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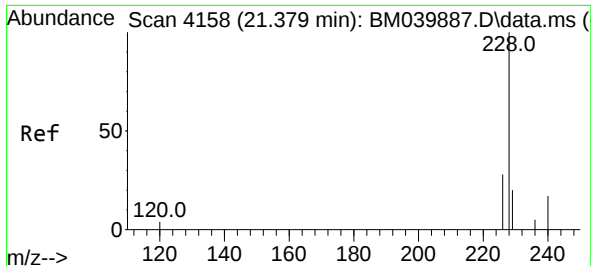


#20
Pyrene
Concen: 114.576 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.015 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21



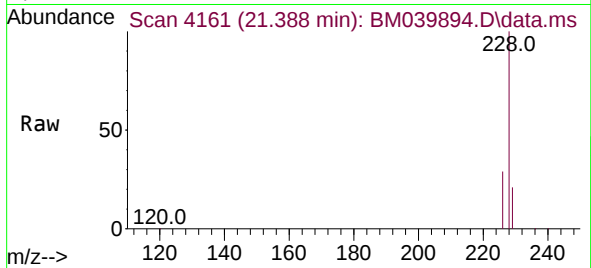
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Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 10.9 8.9 13.3





#21
Benzo(a)anthracene
Concen: 86.214 ng/u1
RT: 21.388 min Scan# 41
Delta R.T. 0.008 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

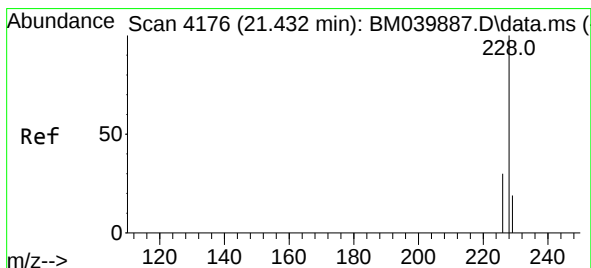
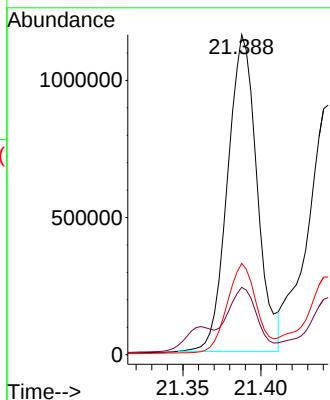
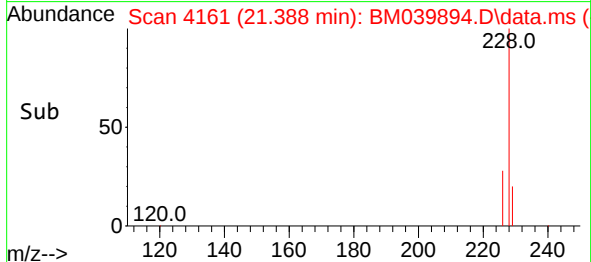
Instrument :
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Tgt Ion:228 Resp: 1517000
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 28.5 21.6 32.4

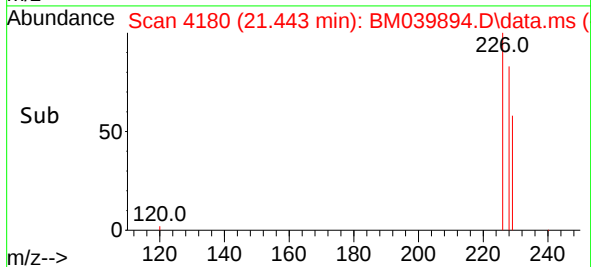
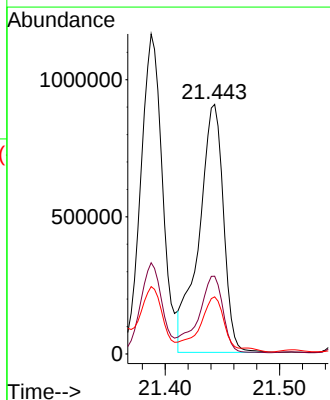
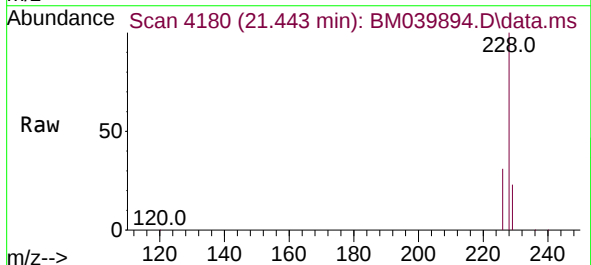
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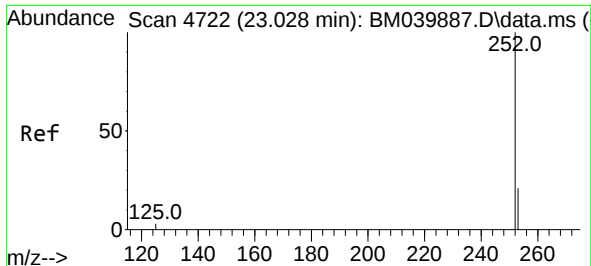
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#22
Chrysene
Concen: 67.592 ng/u1
RT: 21.443 min Scan# 4180
Delta R.T. 0.011 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

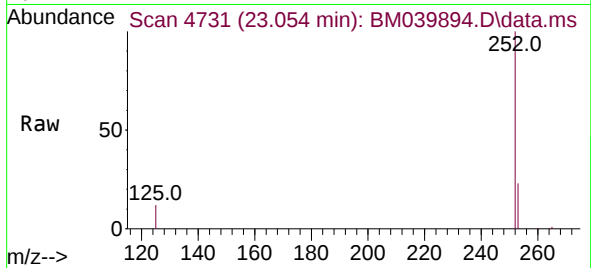
Tgt Ion:228 Resp: 1345944
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 52.971 ng/ul m
RT: 23.054 min Scan# 4731
Delta R.T. 0.026 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

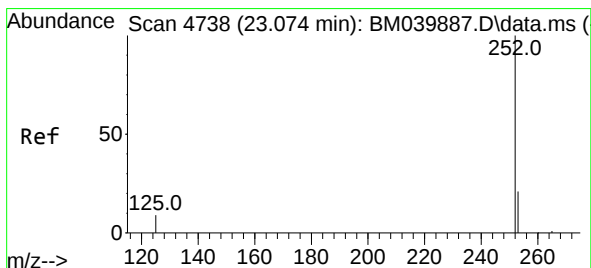
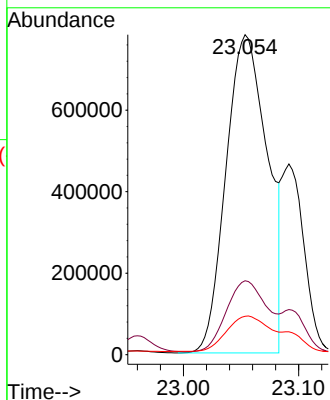
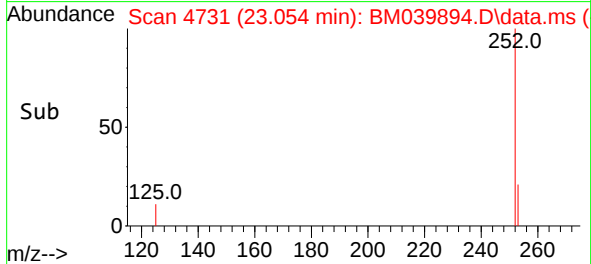
Instrument :
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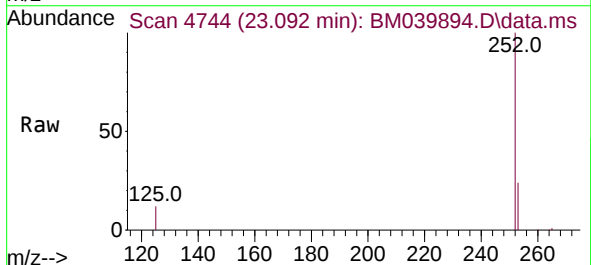
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Ion Ratio Lower Upper
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253 23.1 0.0 52.8
125 12.0 0.0 31.6

Manual Integrations
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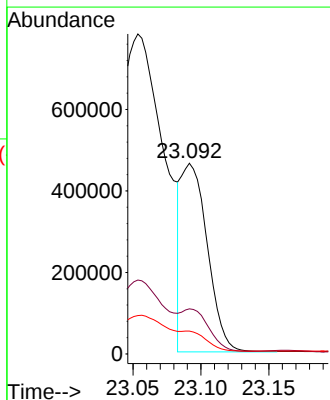
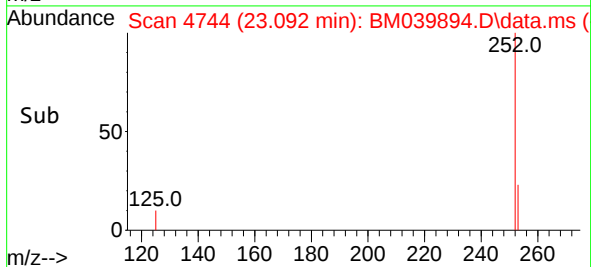
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

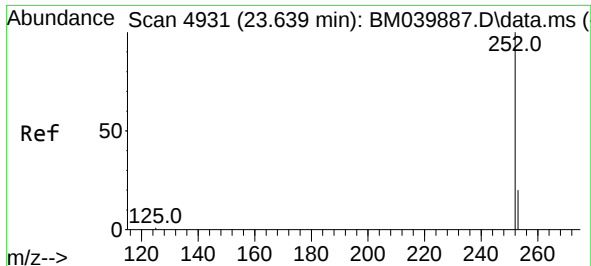


#25
Benzo(k)fluoranthene
Concen: 16.541 ng/ul m
RT: 23.092 min Scan# 4744
Delta R.T. 0.017 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21



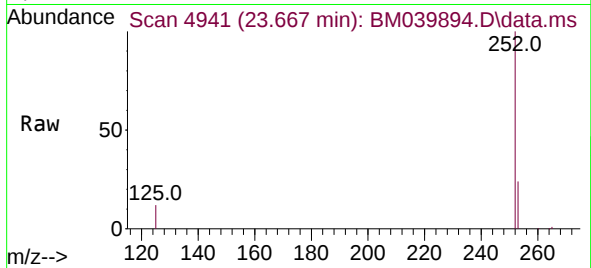
Tgt Ion:252 Resp: 621944
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 12.0 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 42.970 ng/ul
RT: 23.667 min Scan# 4931
Delta R.T. 0.029 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

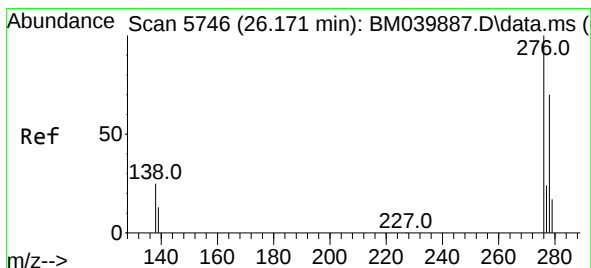
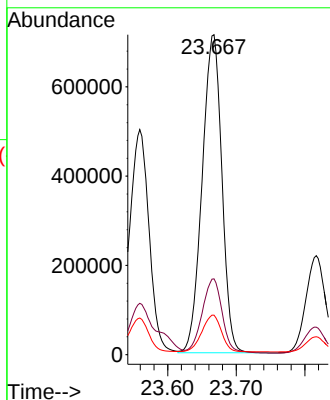
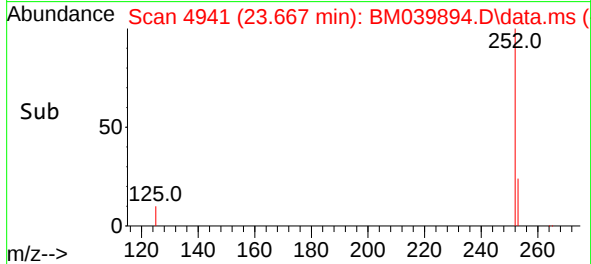
Instrument :
BNA_M
ClientSampleId :
EW949



Tgt Ion:252 Resp: 1424672
Ion Ratio Lower Upper
252 100
253 23.7 24.7 37.1
125 12.3 16.5 24.7

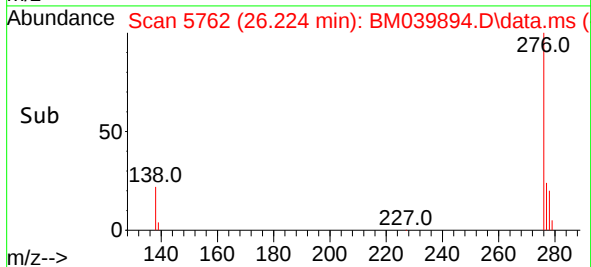
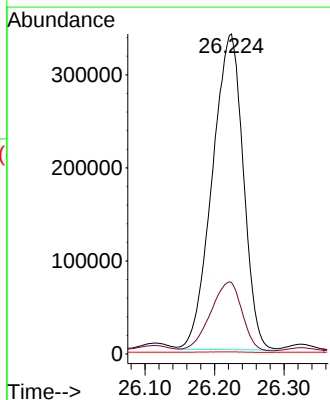
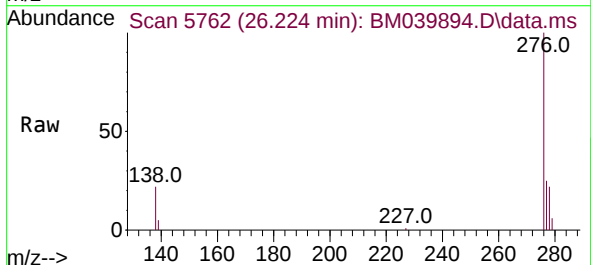
Manual Integrations
APPROVED

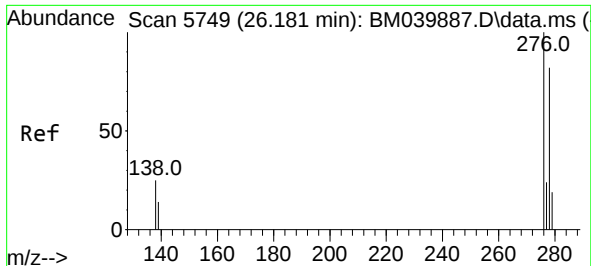
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 25.057 ng/ul
RT: 26.224 min Scan# 5762
Delta R.T. 0.053 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

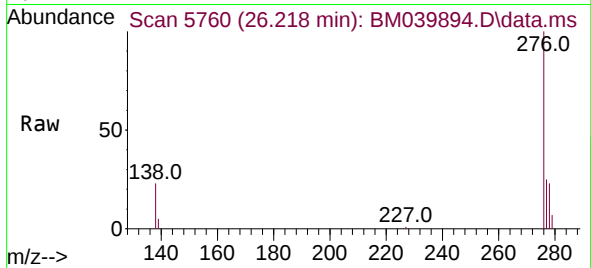
Tgt Ion:276 Resp: 1050462
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 8.413 ng/ul
RT: 26.218 min Scan# 51
Delta R.T. 0.037 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21

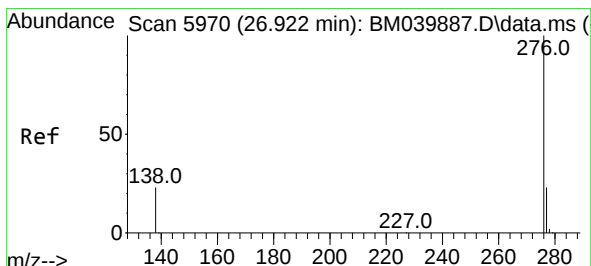
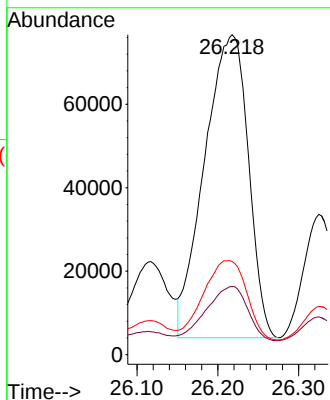
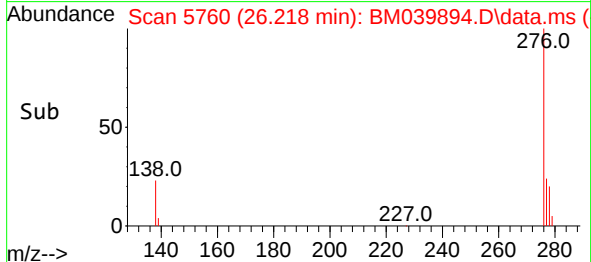
Instrument :
BNA_M
ClientSampleId :
EW949



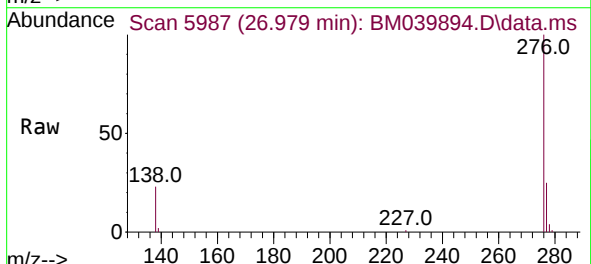
Tgt Ion:278 Resp: 273748
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 29.2 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#29
Benzo(g,h,i)perylene
Concen: 26.821 ng/ul
RT: 26.979 min Scan# 5987
Delta R.T. 0.057 min
Lab File: BM039894.D
Acq: 09 May 2023 15:21



Tgt Ion:276 Resp: 979766
Ion Ratio Lower Upper
276 100
138 23.3 20.1 30.1
277 24.7 20.1 30.1

