

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039805.D
 Acq On : 02 May 2023 16:54
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:16:25 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 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3007	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.590	136	9976	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	5243	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	10902	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	7177	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	9768	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	11797	2.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2795	0.218	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	5261	0.272	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	19860	0.793	ng/ul	99
7) 2-Methylnaphthalene	12.267	142	9177	0.635	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	9315	0.601	ng/ul	100
10) Acenaphthylene	14.169	152	46030	2.268	ng/ul	100
11) Acenaphthene	14.511	153	59799	3.752	ng/ul	98
12) Fluorene	15.501	166	69789	3.946	ng/ul	99
15) Phenanthrene	17.246	178	1018268	35.453	ng/ul	99
16) Anthracene	17.339	178	241620	9.797	ng/ul	97
19) Fluoranthene	19.276	202	1711301	66.836	ng/ul	98
20) Pyrene	19.638	202	1477361	53.430	ng/ul	100
21) Benzo(a)anthracene	21.391	228	809799	39.244	ng/ul	99
22) Chrysene	21.443	228	735716	31.505	ng/ul	98
24) Benzo(b)fluoranthene	23.051	252	1040423	30.329	ng/ul	92
25) Benzo(k)fluoranthene	23.092	252	324927m	9.302	ng/ul	
26) Benzo(a)pyrene	23.665	252	740982	24.058	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.214	276	540103	13.868	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.214	278	142595	4.717	ng/ul	98
29) Benzo(g,h,i)perylene	26.972	276	483745	14.255	ng/ul	98

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

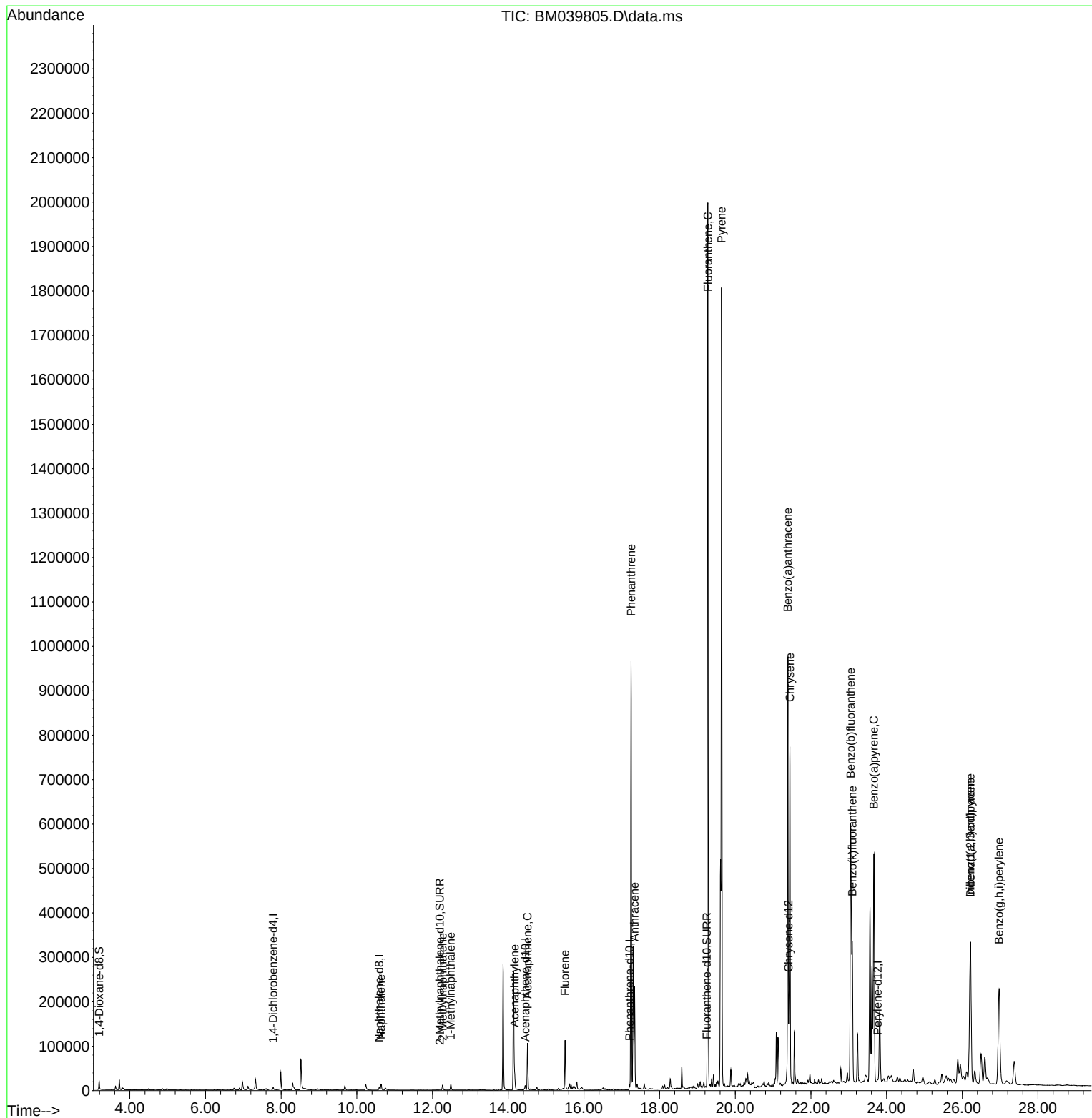
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039805.D
Acq On : 02 May 2023 16:54
Operator : CG/JU
Sample : 02419-25
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ALS Vial : 8 Sample Multiplier: 1

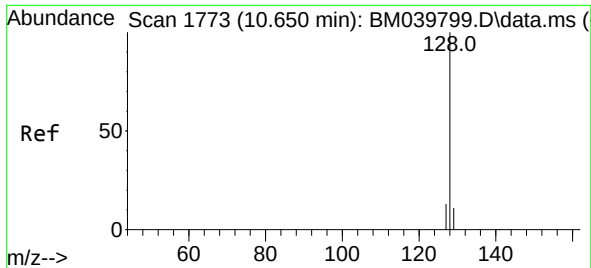
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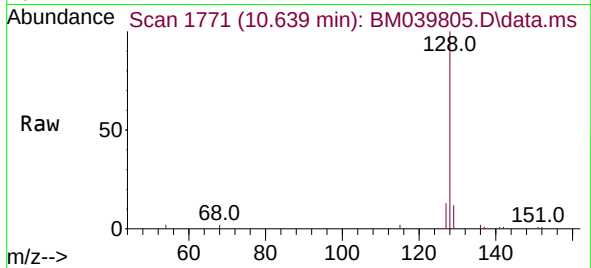
Quant Time: May 03 04:16:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.793 ng/ul
RT: 10.639 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

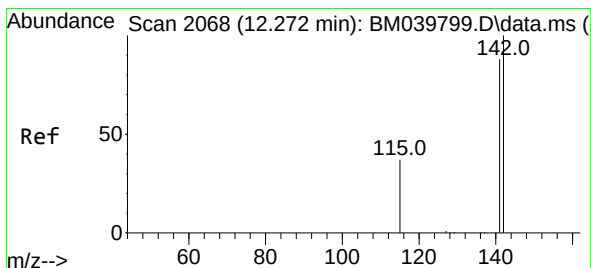
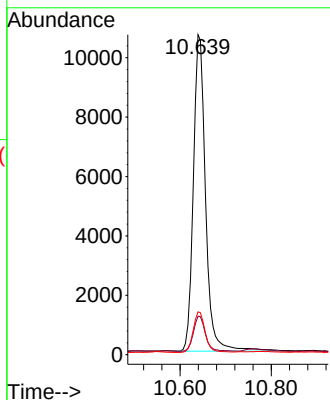
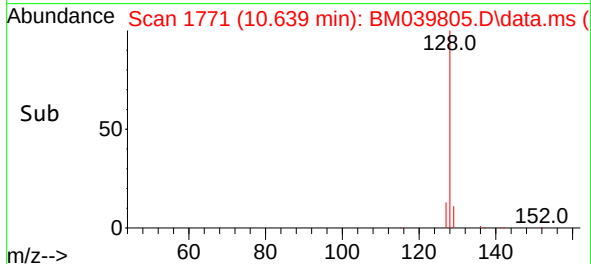
Instrument :
BNA_M
ClientSampleId :
EW922



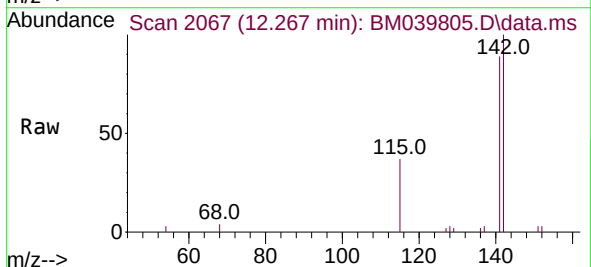
Tgt Ion:128 Resp: 19860
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.4 11.1 16.7

Manual Integrations
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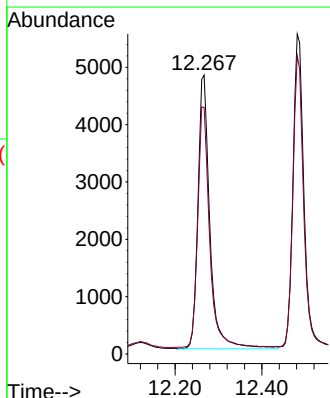
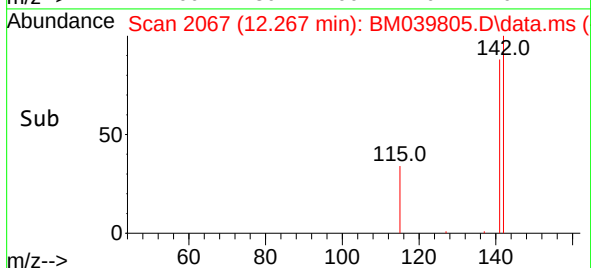
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

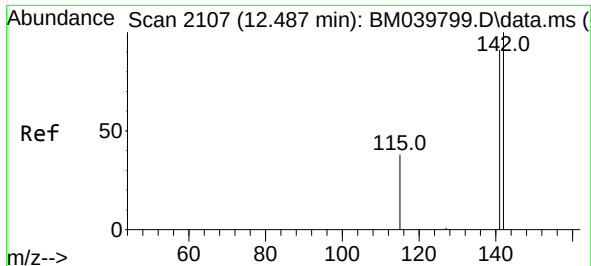


#7
2-Methylnaphthalene
Concen: 0.635 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54



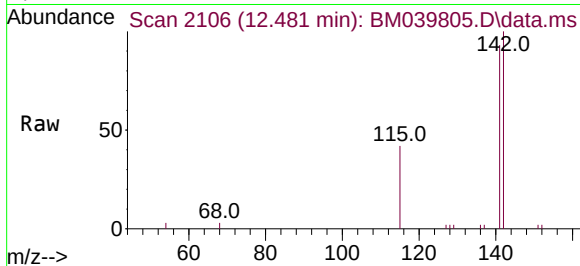
Tgt Ion:142 Resp: 9177
Ion Ratio Lower Upper
142 100
141 87.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.601 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

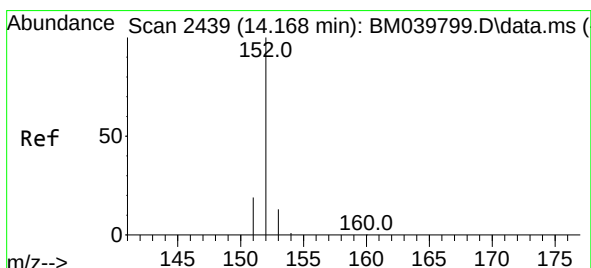
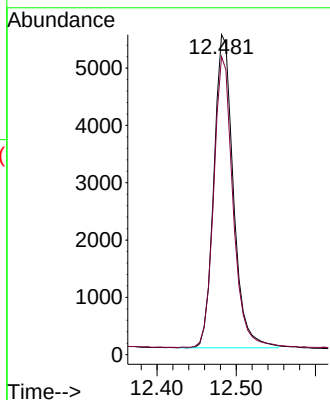
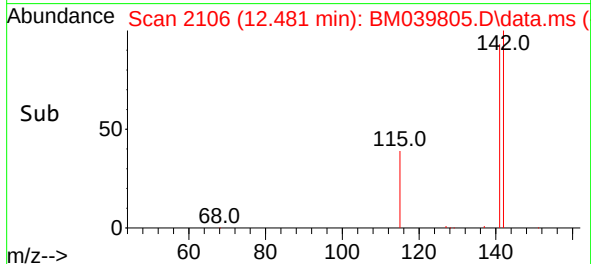
Instrument :
BNA_M
ClientSampleId :
EW922



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Ion Ratio Lower Upper
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141 91.9 73.4 110.2

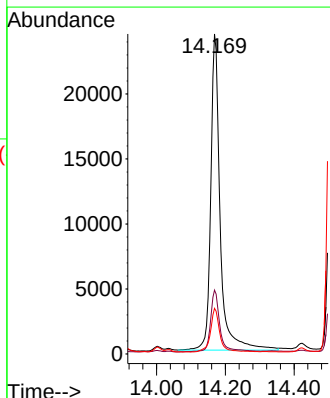
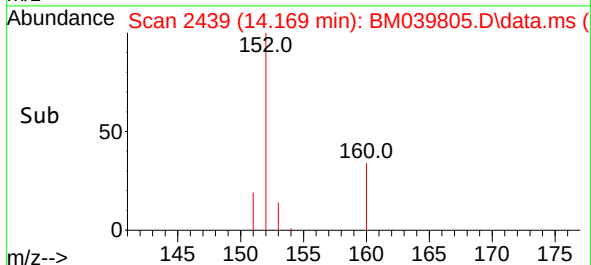
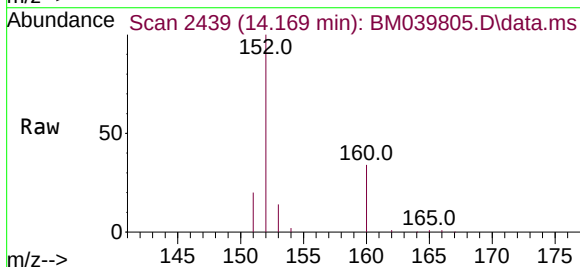
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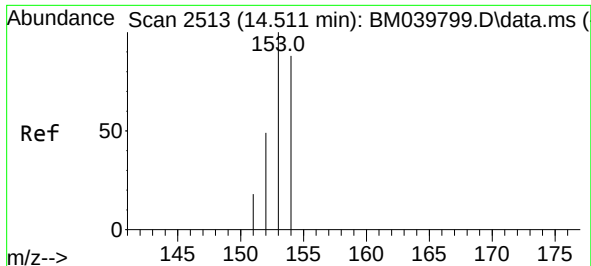
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 2.268 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

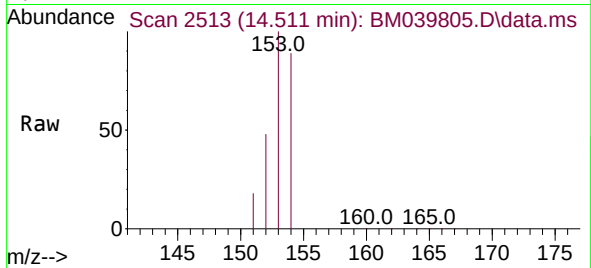
Tgt Ion:152 Resp: 46030
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.2 11.2 16.8





#11
Acenaphthene
Concen: 3.752 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

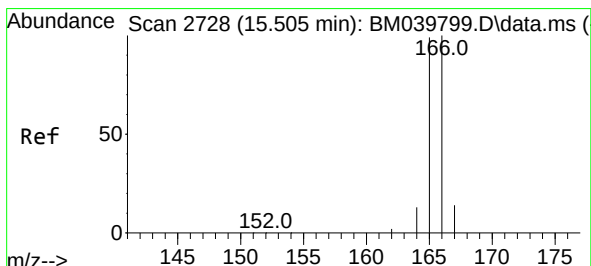
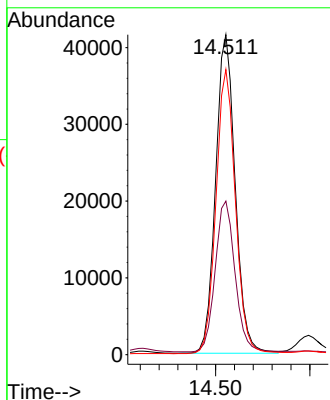
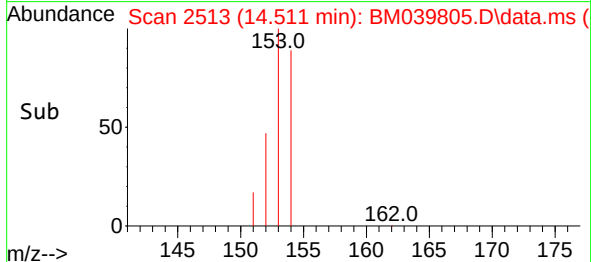
Instrument :
BNA_M
ClientSampleId :
EW922



Tgt Ion:153 Resp: 59799
Ion Ratio Lower Upper
153 100
152 48.0 40.6 61.0
154 89.1 71.9 107.9

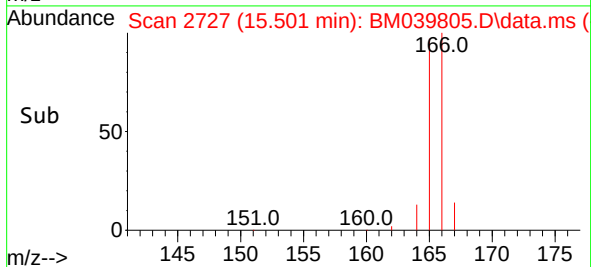
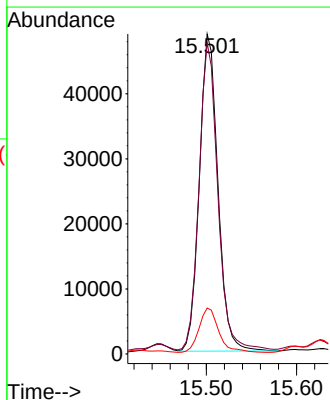
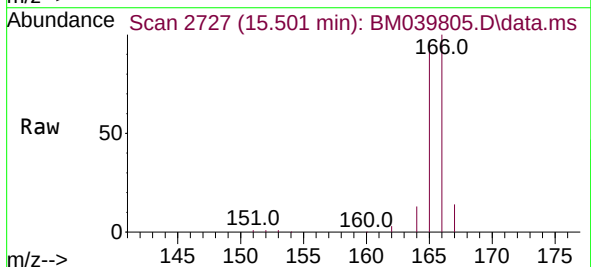
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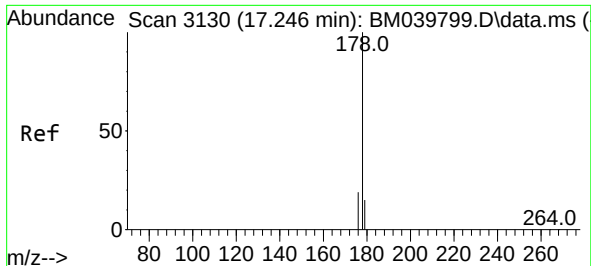
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 3.946 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.004 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

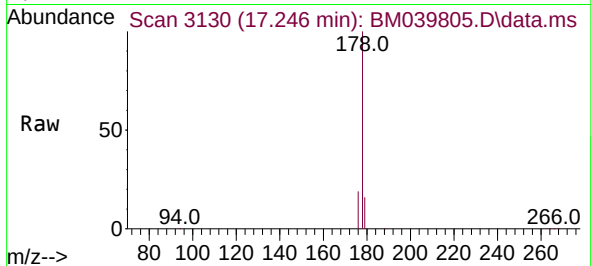
Tgt Ion:166 Resp: 69789
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 14.4 11.8 17.6





#15
Phenanthrene
Concen: 35.453 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

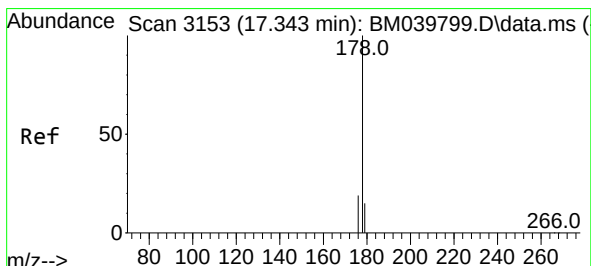
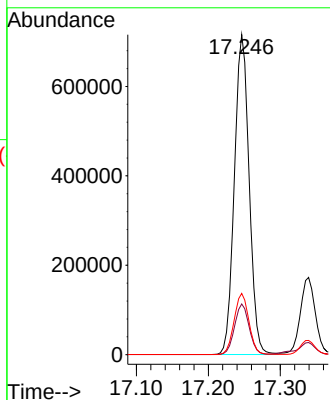
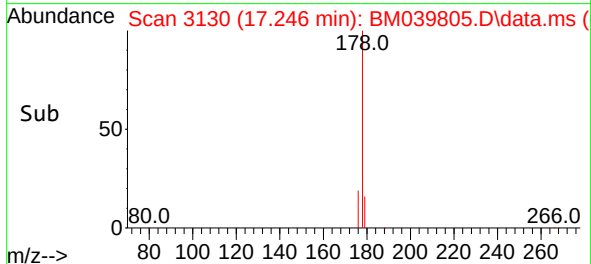
Instrument :
BNA_M
ClientSampleId :
EW922



Tgt Ion:178 Resp: 101826
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.8 23.8

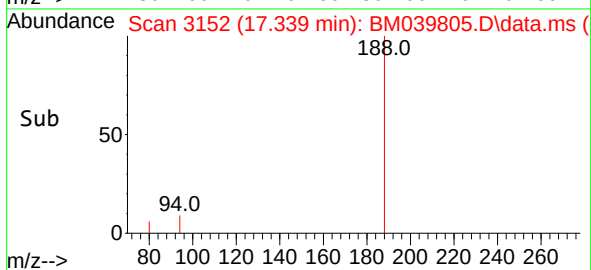
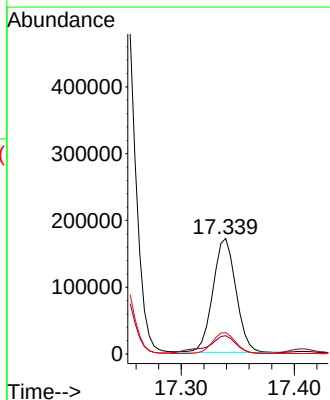
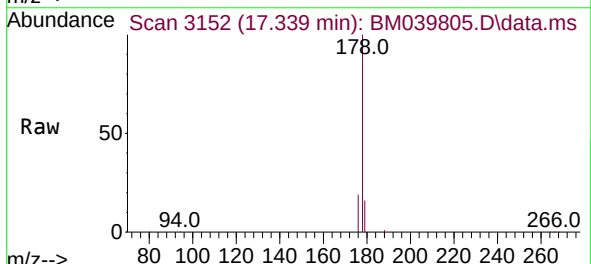
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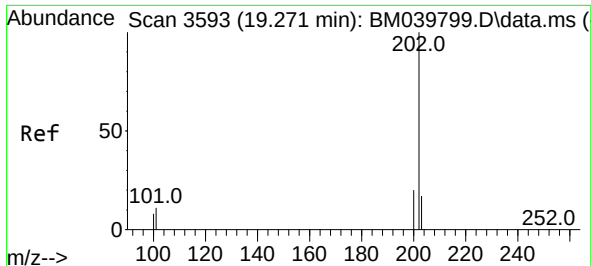
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 9.797 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

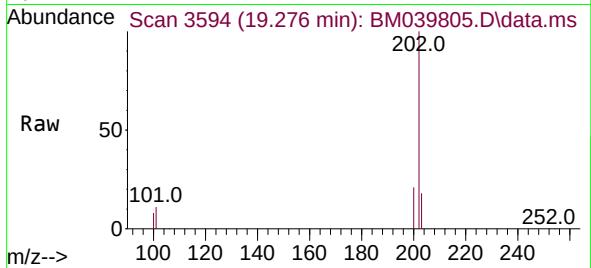
Tgt Ion:178 Resp: 241620
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.6
176 18.5 15.8 23.8





#19
Fluoranthene
Concen: 66.836 ng/u1
RT: 19.276 min Scan# 3593
Delta R.T. 0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

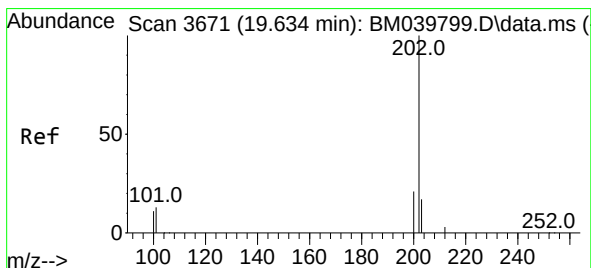
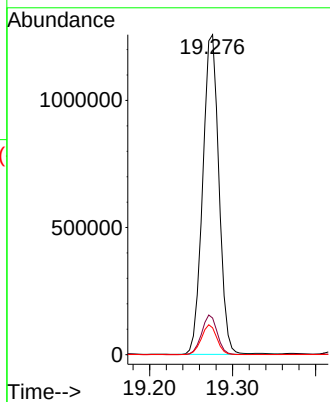
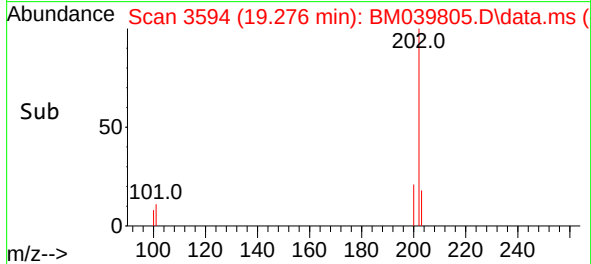
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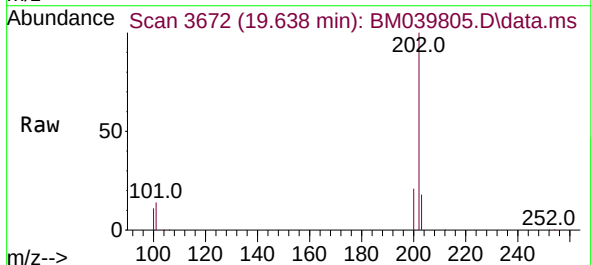
Tgt Ion:202 Resp: 171130
Ion Ratio Lower Upper
202 100
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100 8.4 7.3 10.9

Manual Integrations
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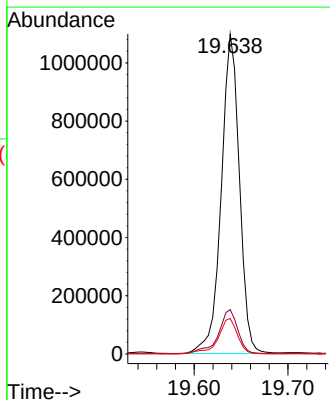
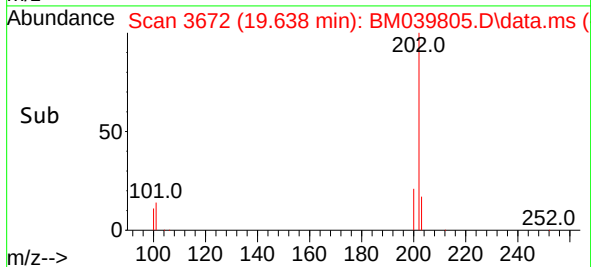
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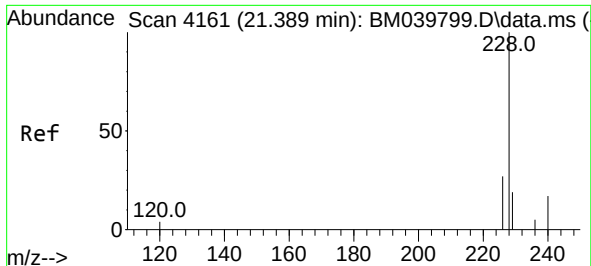


#20
Pyrene
Concen: 53.430 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54



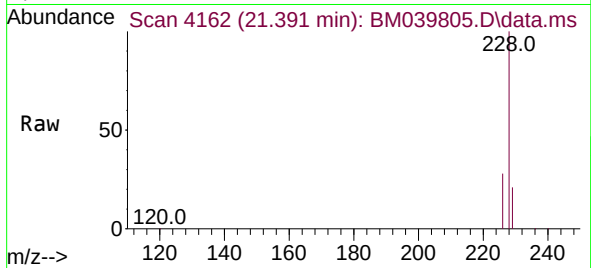
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Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 39.244 ng/uI
RT: 21.391 min Scan# 4161
Delta R.T. 0.001 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

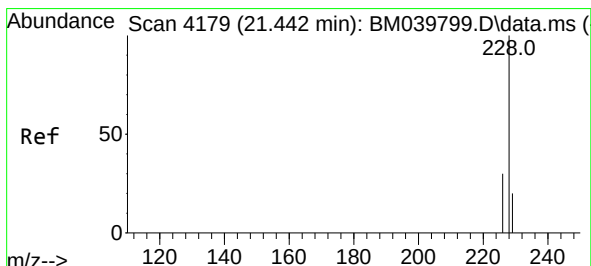
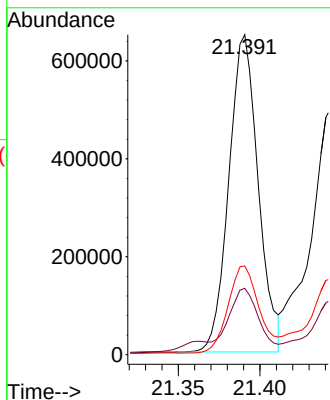
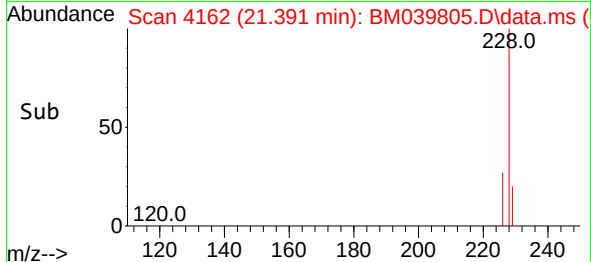
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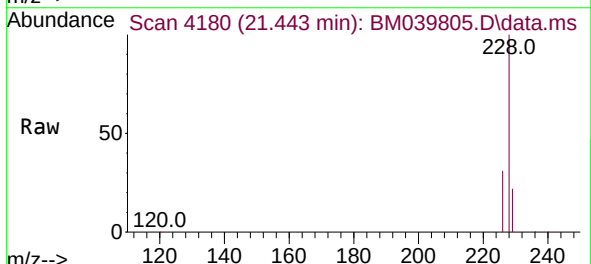
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Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.8 21.6 32.4

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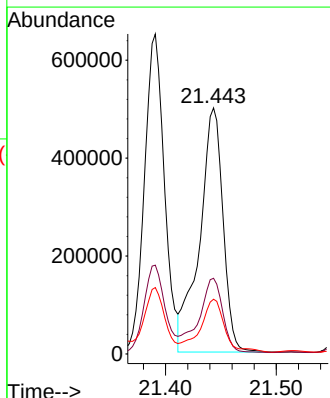
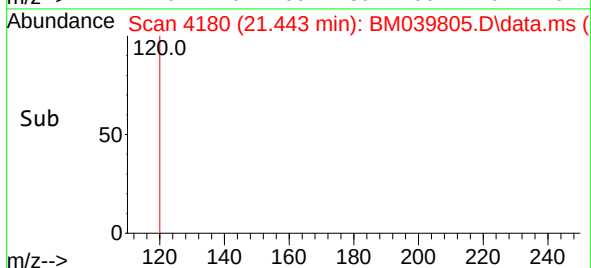
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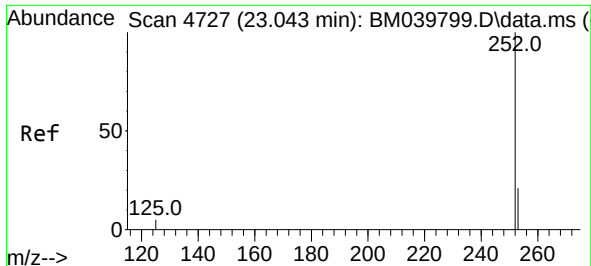


#22
Chrysene
Concen: 31.505 ng/uI
RT: 21.443 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54



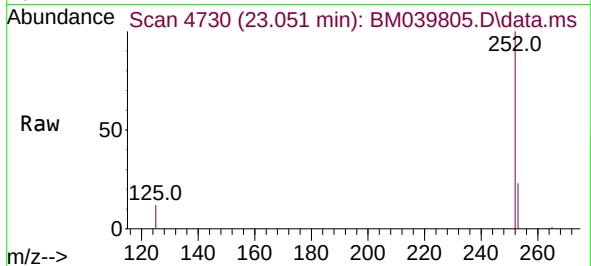
Tgt Ion:228 Resp: 735716
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 30.329 ng/ul
RT: 23.051 min Scan# 4730
Delta R.T. 0.007 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

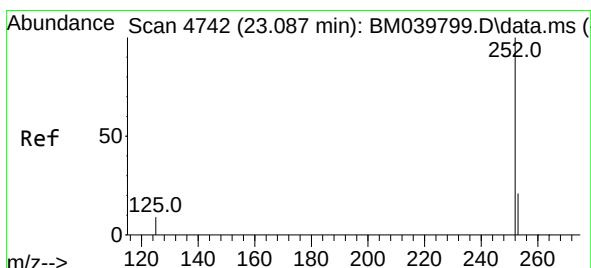
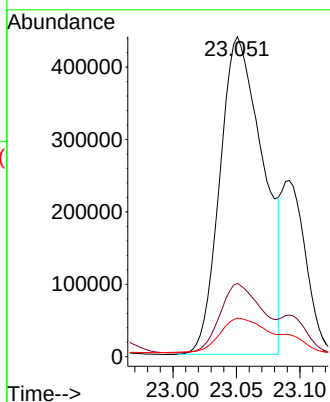
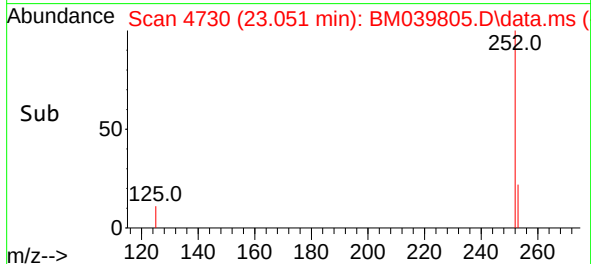
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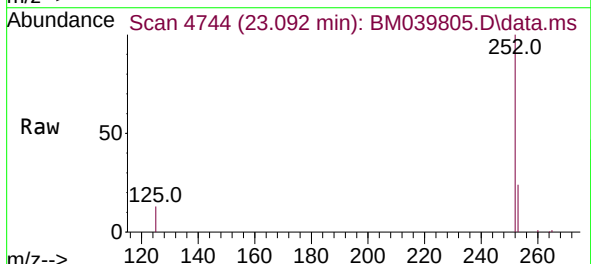
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Ion Ratio Lower Upper
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253 22.9 0.0 52.8
125 12.1 0.0 31.6

Manual Integrations
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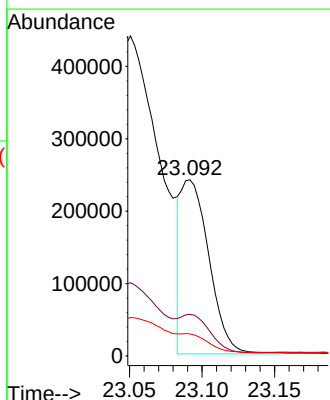
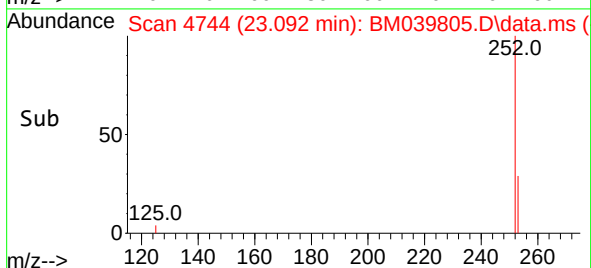
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

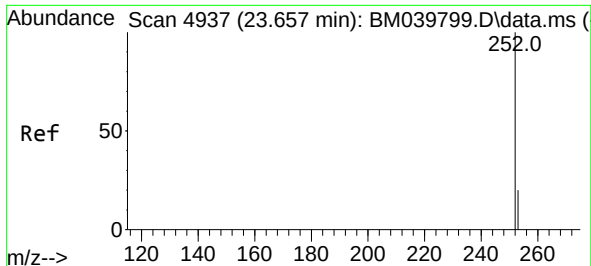


#25
Benzo(k)fluoranthene
Concen: 9.302 ng/ul m
RT: 23.092 min Scan# 4744
Delta R.T. 0.004 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54



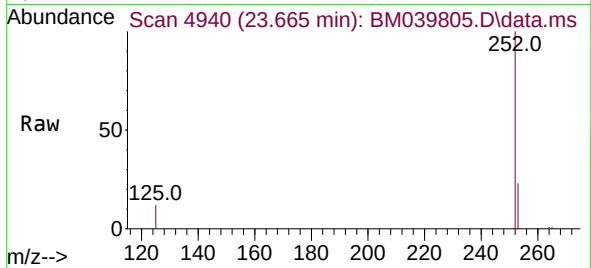
Tgt Ion:252 Resp: 324927
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 12.5 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 24.058 ng/ul
RT: 23.665 min Scan# 4937
Delta R.T. 0.007 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

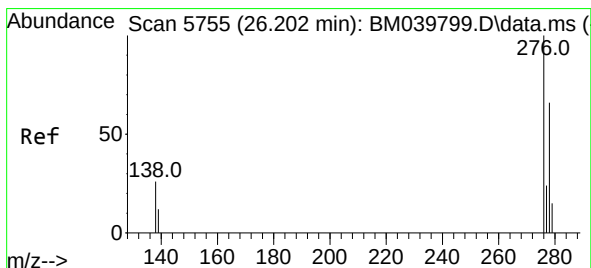
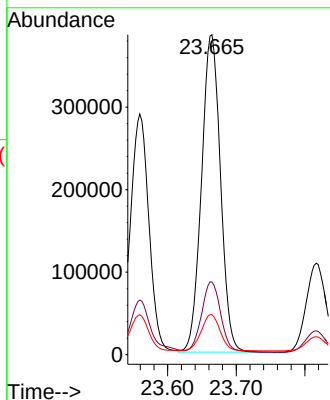
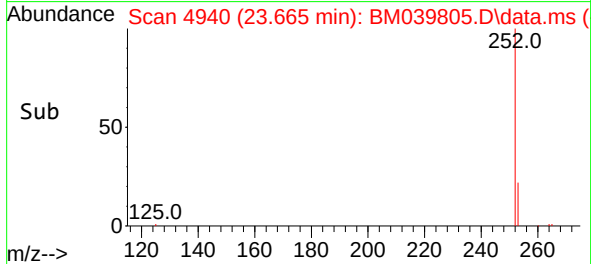
Instrument :
BNA_M
ClientSampleId :
EW922



Tgt Ion:252 Resp: 740982
Ion Ratio Lower Upper
252 100
253 22.7 24.7 37.1
125 12.5 16.5 24.7

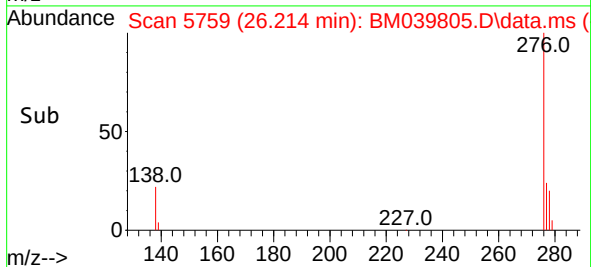
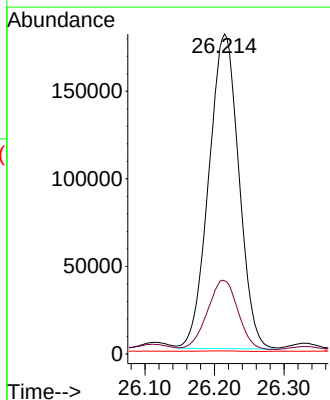
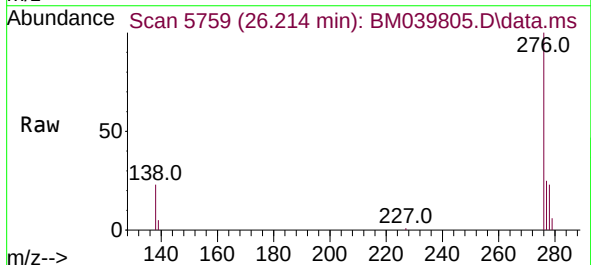
Manual Integrations
APPROVED

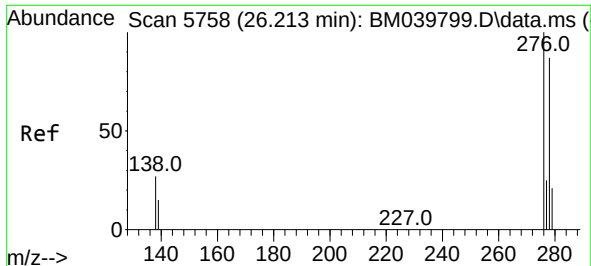
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.868 ng/ul
RT: 26.214 min Scan# 5759
Delta R.T. 0.012 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

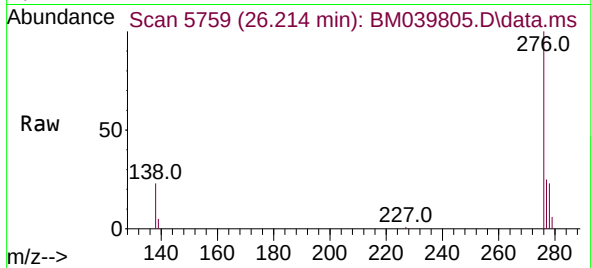
Tgt Ion:276 Resp: 540103
Ion Ratio Lower Upper
276 100
138 22.3 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.717 ng/ul
RT: 26.214 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

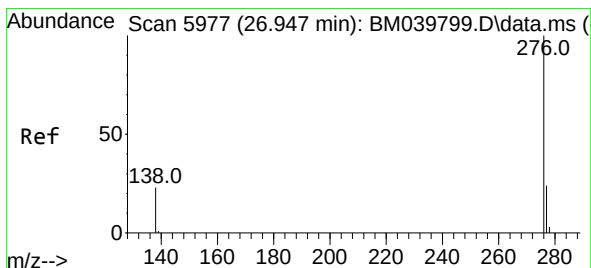
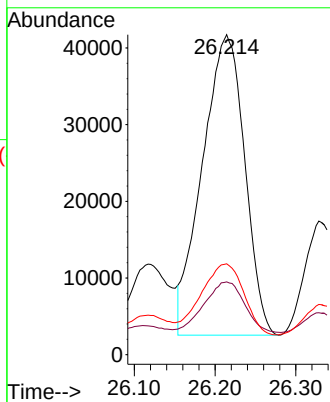
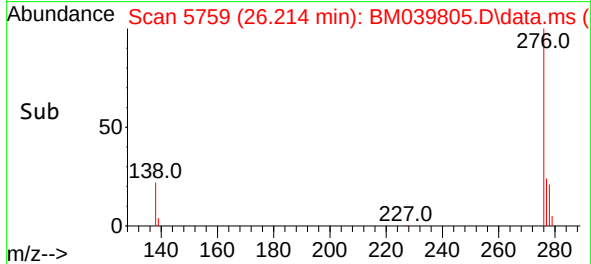
Instrument :
BNA_M
ClientSampleId :
EW922



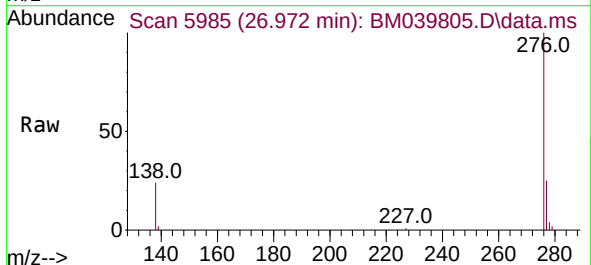
Tgt Ion:278 Resp: 14259
Ion Ratio Lower Upper
278 100
139 22.7 17.0 25.6
279 28.4 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 14.255 ng/ul
RT: 26.972 min Scan# 5985
Delta R.T. 0.025 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54



Tgt Ion:276 Resp: 483745
Ion Ratio Lower Upper
276 100
138 23.7 20.1 30.1
277 24.8 20.1 30.1

