

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039811.D
 Acq On : 02 May 2023 20:31
 Operator : CG/JU
 Sample : 02419-22DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW919DL

Manual Integrations
 APPROVED

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

Quant Time: May 03 04:17:33 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	7.791	152	3269	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	10643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	5780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	11982	0.400	ng/ul	0.00
17) Chrysene-d12	21.407	240	8802	0.400	ng/ul	# 0.00
23) Perylene-d12	23.766	264	10263	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2470	0.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	652	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	1352	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	9185	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	8395	0.544	ng/ul	95
8) 1-Methylnaphthalene	12.487	142	6394	0.386	ng/ul	100
10) Acenaphthylene	14.173	152	19392	0.867	ng/ul	98
11) Acenaphthene	14.511	153	18126	1.032	ng/ul	98
12) Fluorene	15.505	166	20594	1.056	ng/ul	98
15) Phenanthrene	17.246	178	375384	11.892	ng/ul	98
16) Anthracene	17.339	178	86037	3.174	ng/ul	98
19) Fluoranthene	19.271	202	725127	23.092	ng/ul	99
20) Pyrene	19.638	202	606990	17.899	ng/ul	98
21) Benzo(a)anthracene	21.389	228	302326	11.946	ng/ul	99
22) Chrysene	21.442	228	277348	9.684	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	407342m	11.302	ng/ul	
25) Benzo(k)fluoranthene	23.090	252	132766m	3.618	ng/ul	
26) Benzo(a)pyrene	23.663	252	289727	8.953	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.212	276	214873	5.251	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.212	278	52708	1.660	ng/ul#	91
29) Benzo(g,h,i)perylene	26.967	276	201533	5.652	ng/ul	99

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

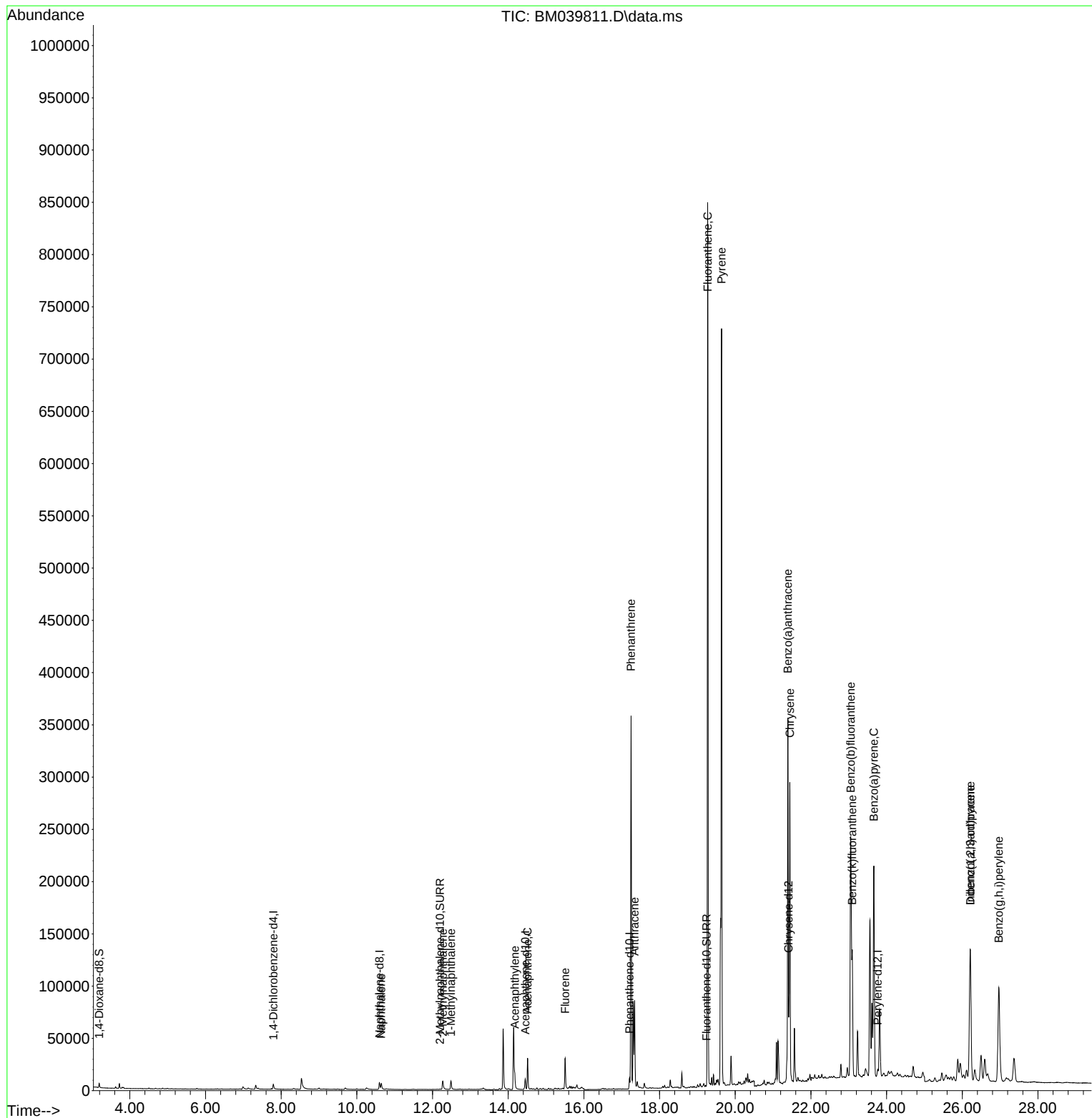
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039811.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

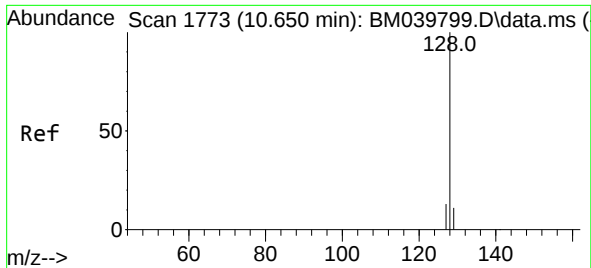
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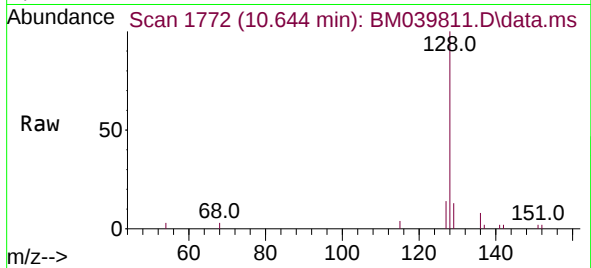
Quant Time: May 03 04:17:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

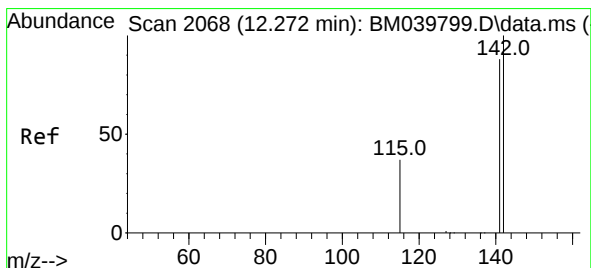
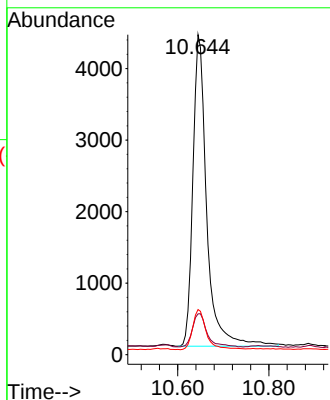
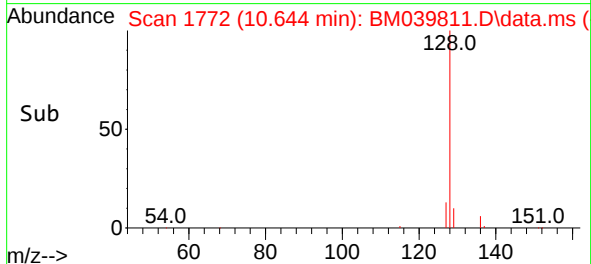
Instrument :
BNA_M
ClientSampleId :
EW919DL



Tgt Ion:128 Resp: 918
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 14.1 11.1 16.7

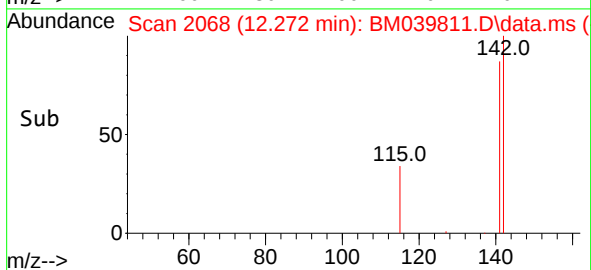
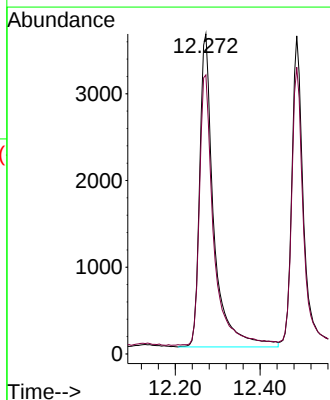
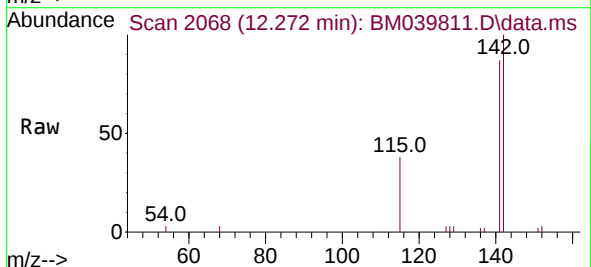
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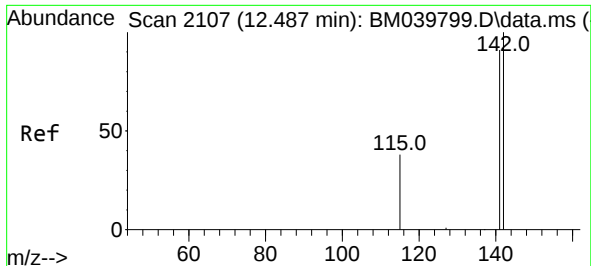
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 0.544 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

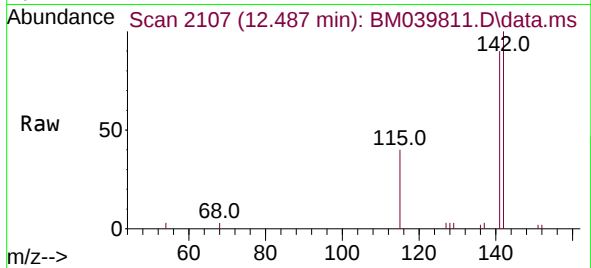
Tgt Ion:142 Resp: 8395
Ion Ratio Lower Upper
142 100
141 86.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

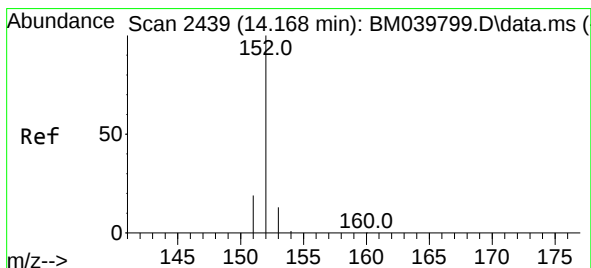
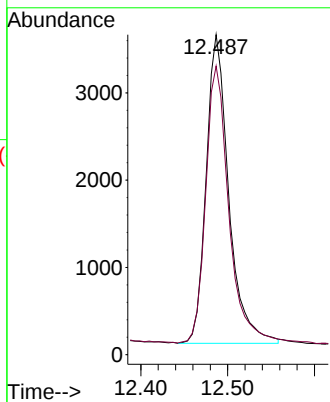
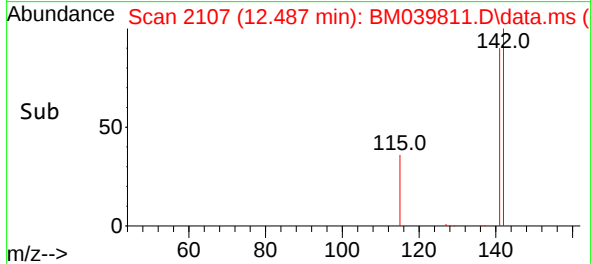
Instrument :
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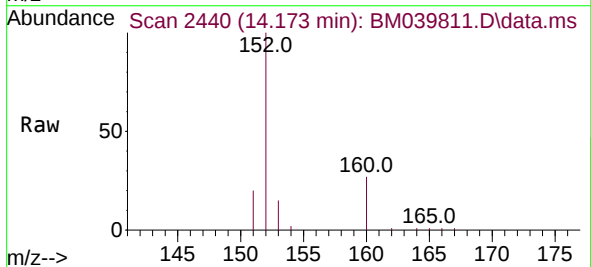
Tgt Ion:142 Resp: 6394
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

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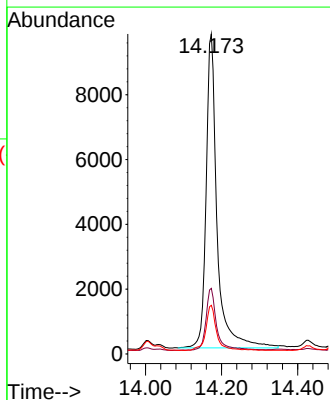
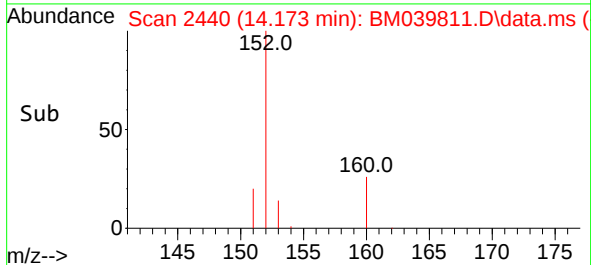
Reviewed By :Christian Giraldo 05/03/2023
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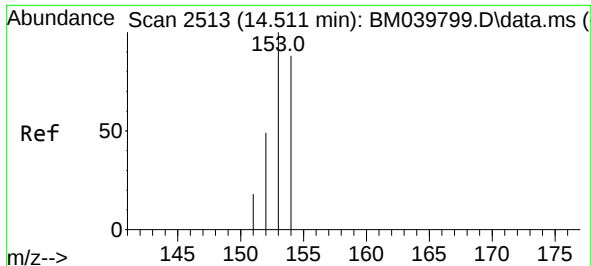


#10
Acenaphthylene
Concen: 0.867 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



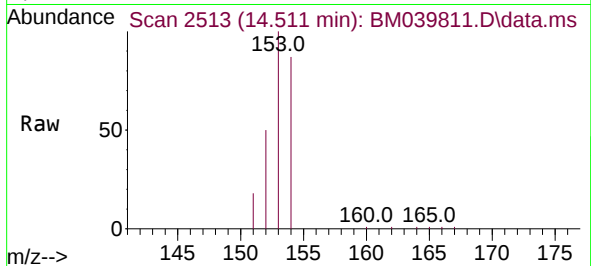
Tgt Ion:152 Resp: 19392
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 15.2 11.2 16.8





#11
Acenaphthene
Concen: 1.032 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

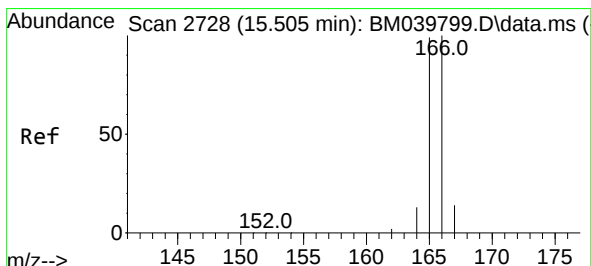
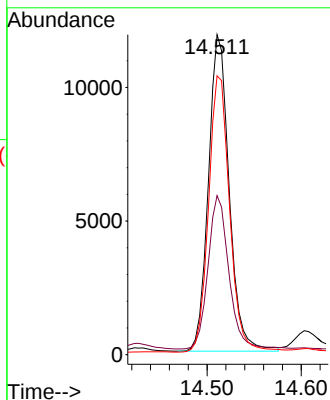
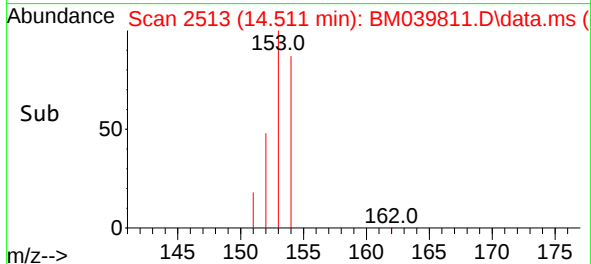
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 18120
Ion Ratio Lower Upper
153 100
152 49.7 40.6 61.0
154 87.2 71.9 107.9

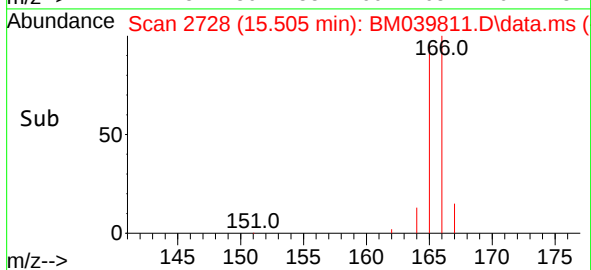
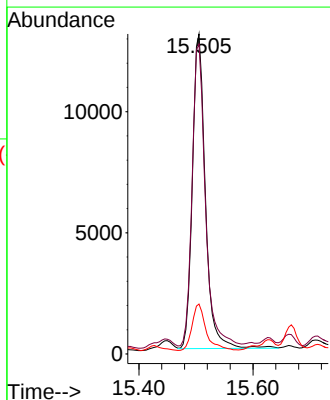
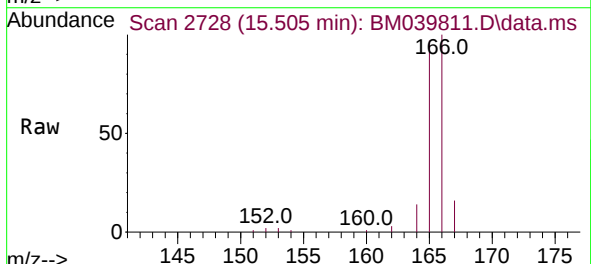
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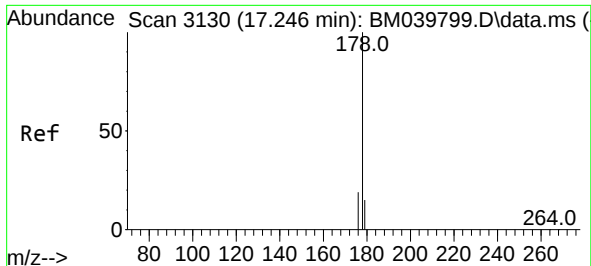
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 1.056 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

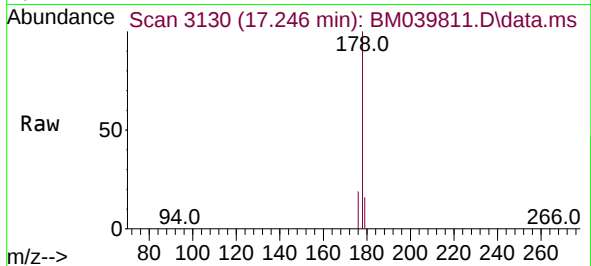
Tgt Ion:166 Resp: 20594
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.6
167 15.6 11.8 17.6





#15
Phenanthrene
Concen: 11.892 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

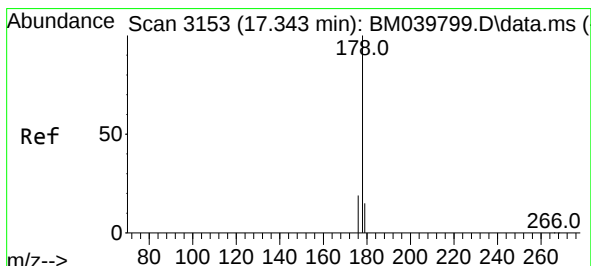
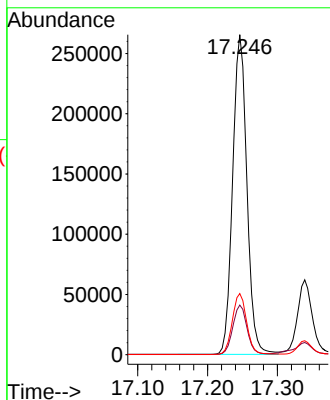
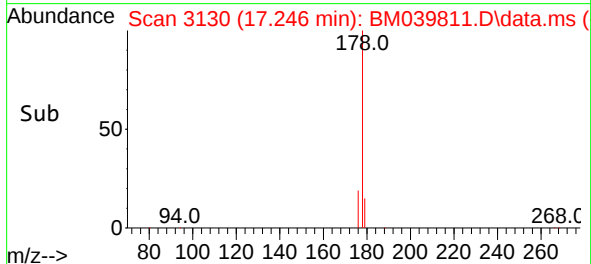
Instrument :
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ClientSampleId :
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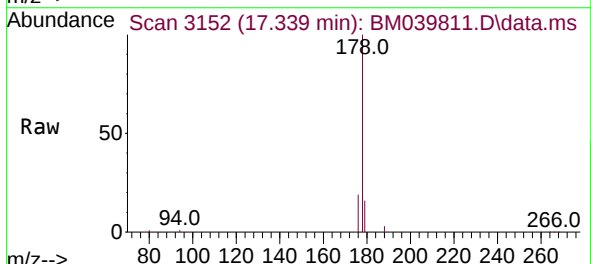
Tgt Ion:178 Resp: 375384
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.1 15.8 23.8

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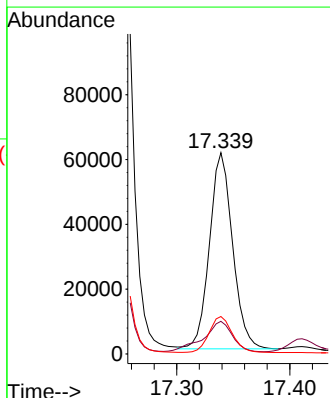
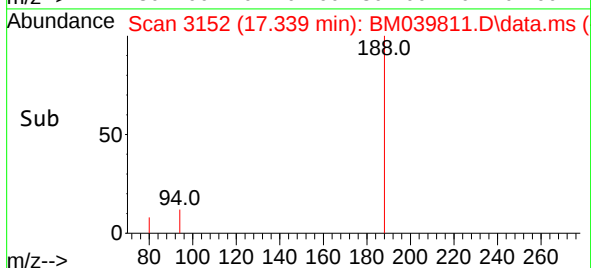
Reviewed By :Christian Giraldo 05/03/2023
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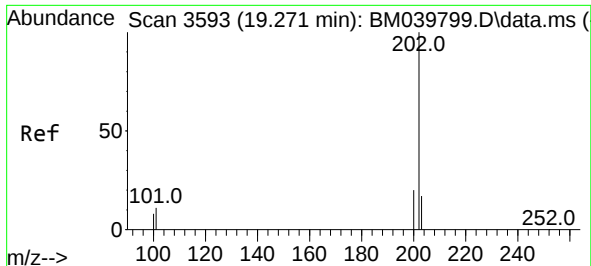


#16
Anthracene
Concen: 3.174 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



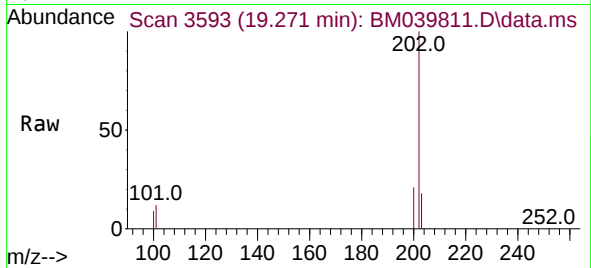
Tgt Ion:178 Resp: 86037
Ion Ratio Lower Upper
178 100
179 16.2 13.8 20.6
176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 23.092 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

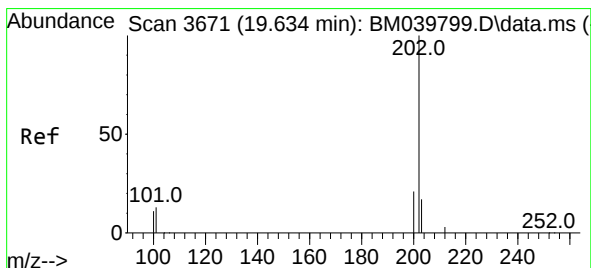
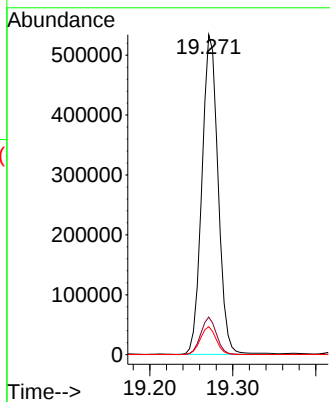
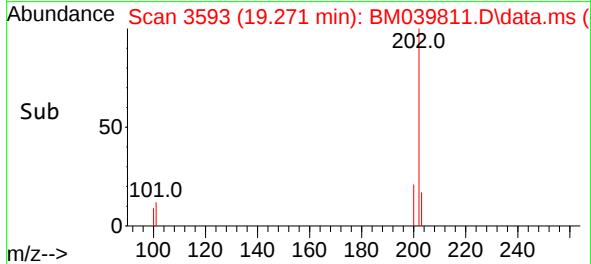
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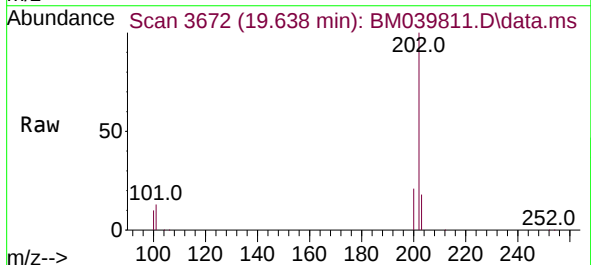
Tgt Ion:202 Resp: 72512
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.8 7.3 10.9

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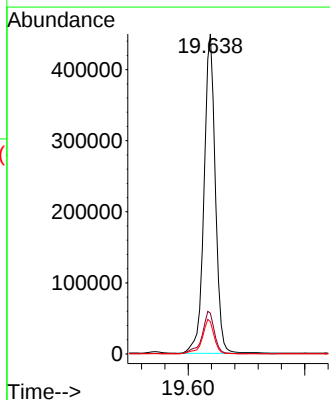
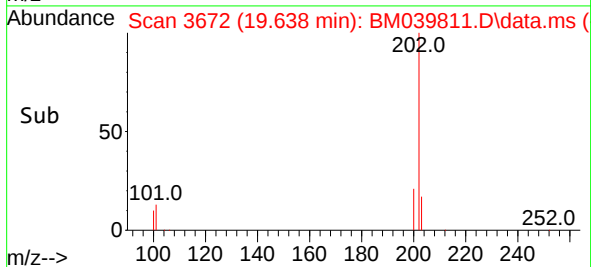
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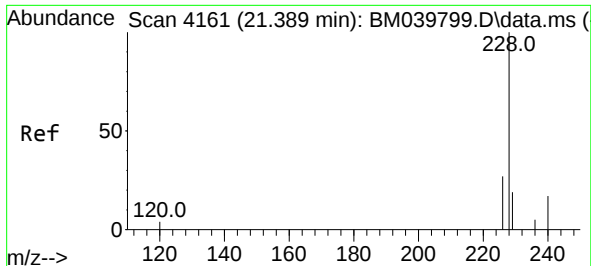


#20
Pyrene
Concen: 17.899 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



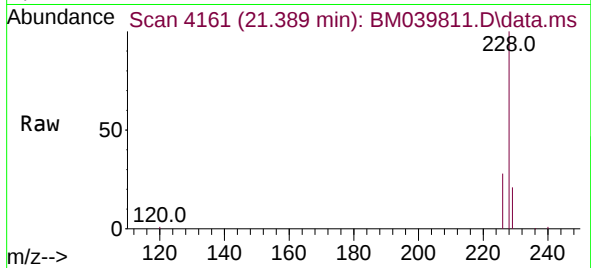
Tgt Ion:202 Resp: 606990
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 11.946 ng/ul
RT: 21.389 min Scan# 4161
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

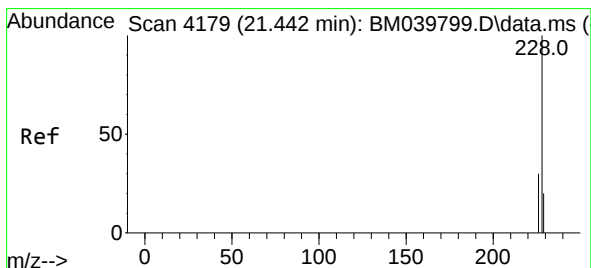
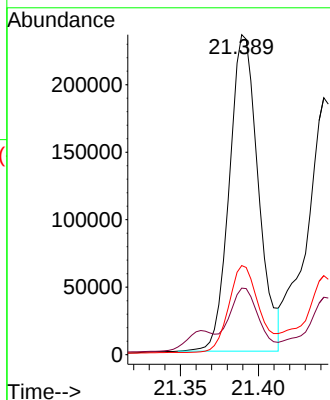
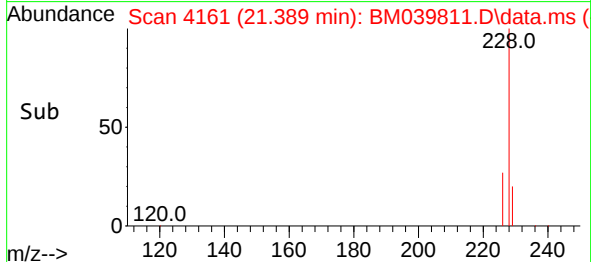
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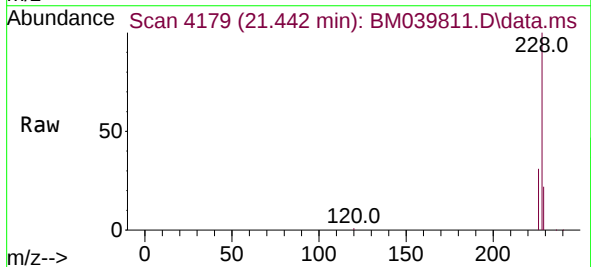
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Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.8 21.6 32.4

Manual Integrations
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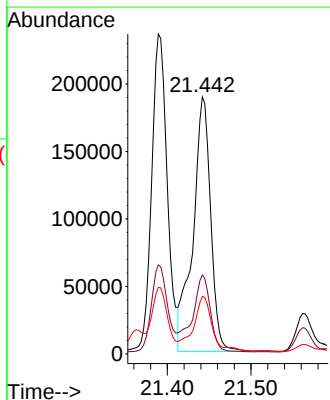
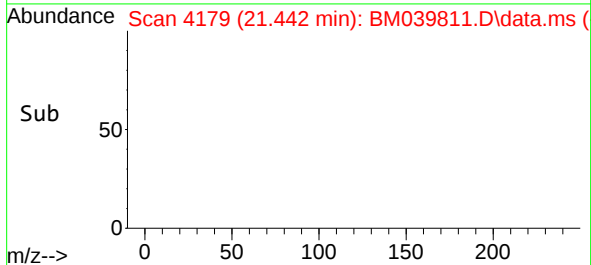
Reviewed By :Christian Giraldo 05/03/2023
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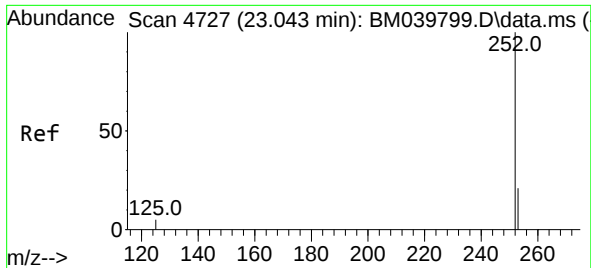


#22
Chrysene
Concen: 9.684 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



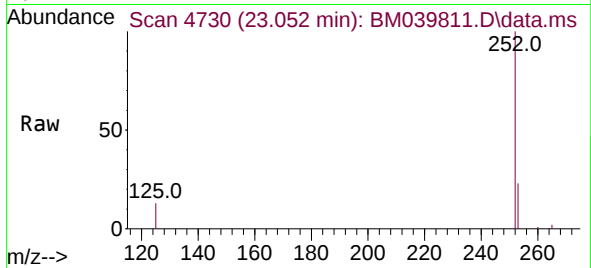
Tgt Ion:228 Resp: 277348
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 11.302 ng/ul m
RT: 23.052 min Scan# 4730
Delta R.T. 0.009 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

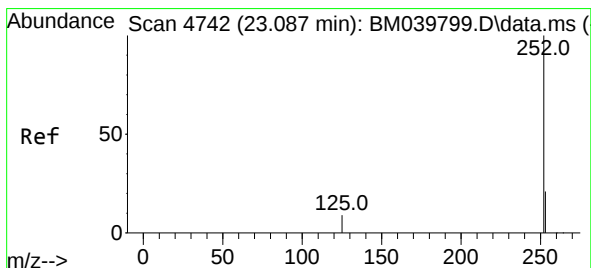
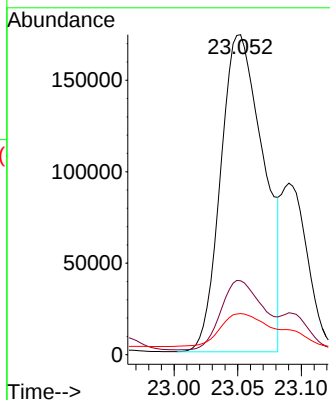
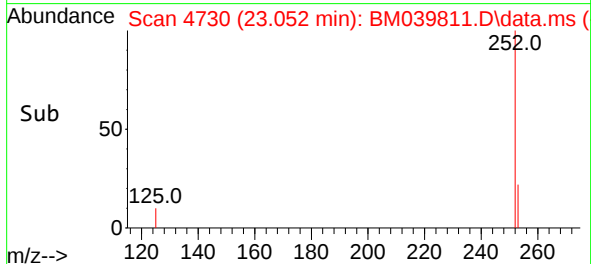
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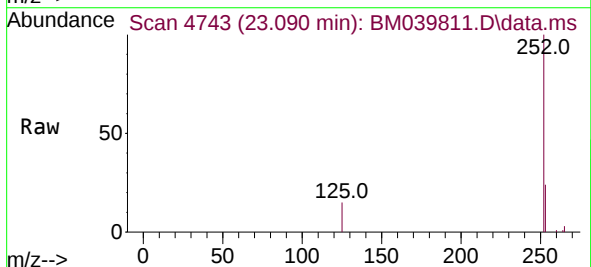
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Ion Ratio Lower Upper
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253 23.1 0.0 52.8
125 12.9 0.0 31.6

Manual Integrations
APPROVED

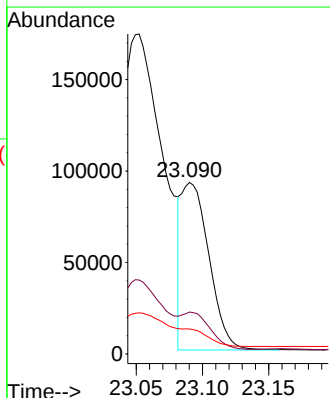
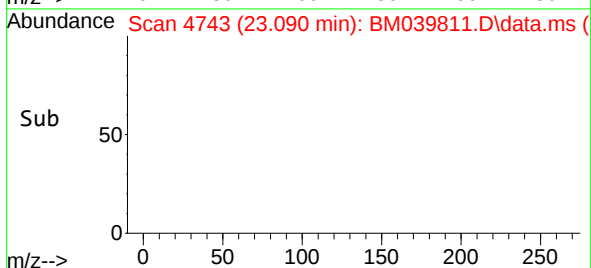
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

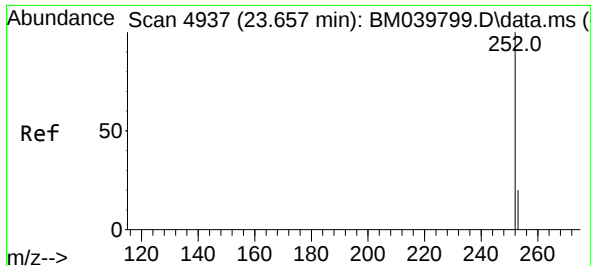


#25
Benzo(k)fluoranthene
Concen: 3.618 ng/ul m
RT: 23.090 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



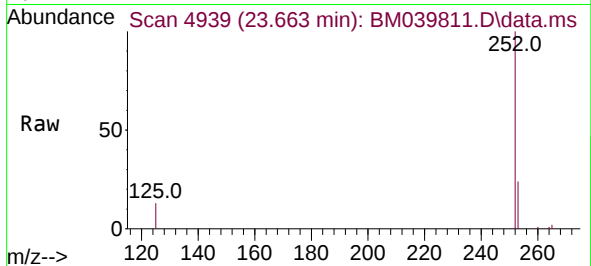
Tgt Ion:252 Resp: 132766
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 14.5 13.0 19.6





#26
Benzo(a)pyrene
Concen: 8.953 ng/ul
RT: 23.663 min Scan# 4939
Delta R.T. 0.006 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

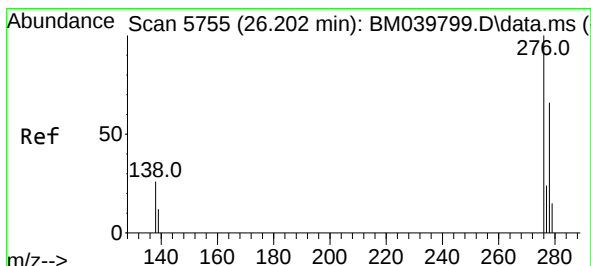
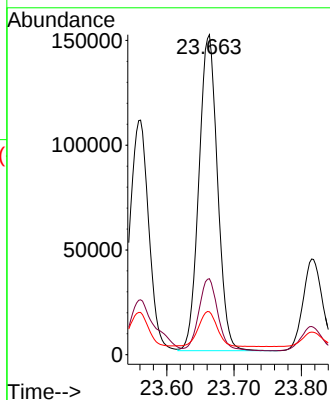
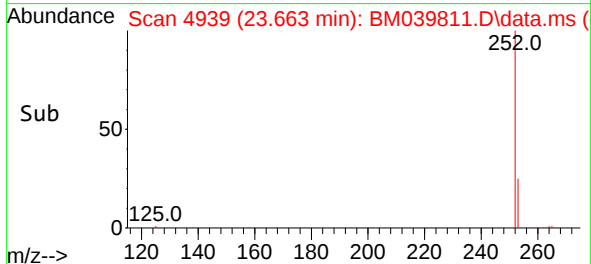
Instrument :
BNA_M
ClientSampleId :
EW919DL



Tgt Ion:252 Resp: 28972
Ion Ratio Lower Upper
252 100
253 23.8 24.7 37.1
125 13.4 16.5 24.7

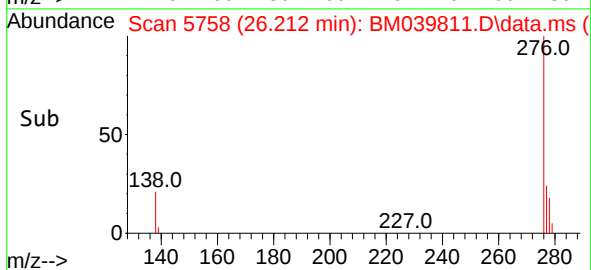
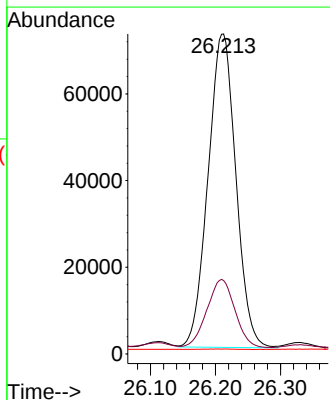
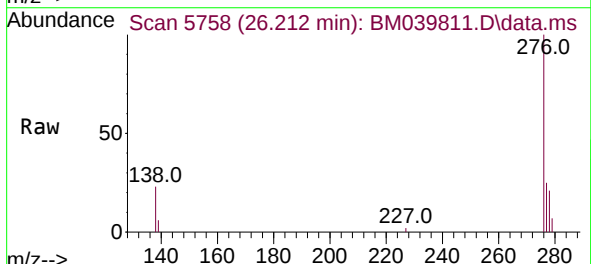
Manual Integrations
APPROVED

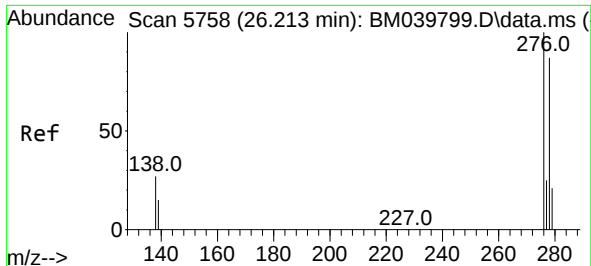
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.251 ng/ul
RT: 26.212 min Scan# 5758
Delta R.T. 0.010 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

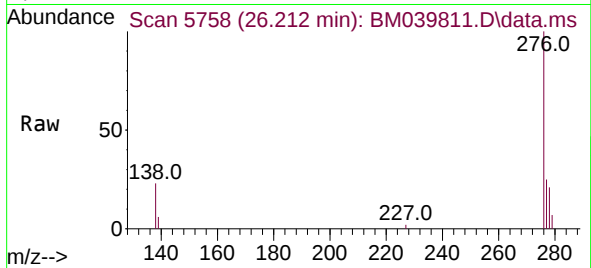
Tgt Ion:276 Resp: 214873
Ion Ratio Lower Upper
276 100
138 21.9 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.660 ng/ul
RT: 26.212 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31

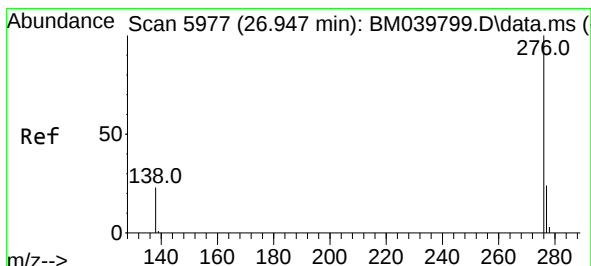
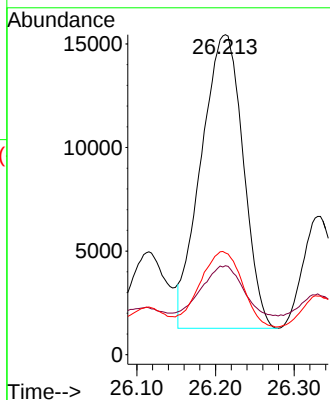
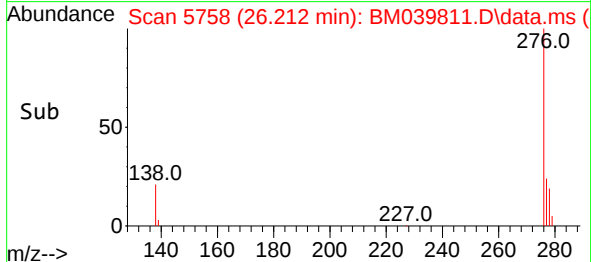
Instrument :
BNA_M
ClientSampleId :
EW919DL



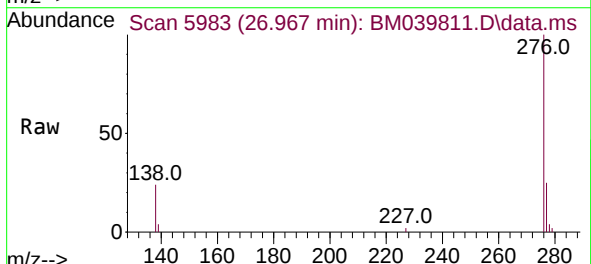
Tgt Ion:278 Resp: 52708
Ion Ratio Lower Upper
278 100
139 27.8 17.0 25.6
279 31.8 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 5.652 ng/ul
RT: 26.967 min Scan# 5983
Delta R.T. 0.020 min
Lab File: BM039811.D
Acq: 02 May 2023 20:31



Tgt Ion:276 Resp: 201533
Ion Ratio Lower Upper
276 100
138 23.9 20.1 30.1
277 25.0 20.1 30.1

