

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039715.D
 Acq On : 27 Apr 2023 20:47
 Operator : CG/JU
 Sample : 02418-24DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z8DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:34:57 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3064	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	11312	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14643	0.400	ng/ul	-0.01
17) Chrysene-d12	21.398	240	11545	0.400	ng/ul	-0.01
23) Perylene-d12	23.745	264	9289	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3102	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	826	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1929	0.062	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	8096	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.289	142	3202	0.195	ng/ul	96
8) 1-Methylnaphthalene	12.498	142	3217	0.183	ng/ul	100
10) Acenaphthylene	14.173	152	6967	0.268	ng/ul	95
11) Acenaphthene	14.511	153	15626	0.766	ng/ul	97
12) Fluorene	15.505	166	15168	0.670	ng/ul	99
15) Phenanthrene	17.242	178	334206	8.663	ng/ul	98
16) Anthracene	17.335	178	58646	1.770	ng/ul	98
19) Fluoranthene	19.266	202	587206	14.257	ng/ul	97
20) Pyrene	19.629	202	516782	11.619	ng/ul	99
21) Benzo(a)anthracene	21.381	228	237448	7.153	ng/ul	100
22) Chrysene	21.433	228	223822	5.958	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	268834	8.241	ng/ul	92
25) Benzo(k)fluoranthene	23.070	252	93793m	2.824	ng/ul	
26) Benzo(a)pyrene	23.637	252	170158	5.810	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.166	276	107881	2.913	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.172	278	24312	0.846	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	91663	2.840	ng/ul	98

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

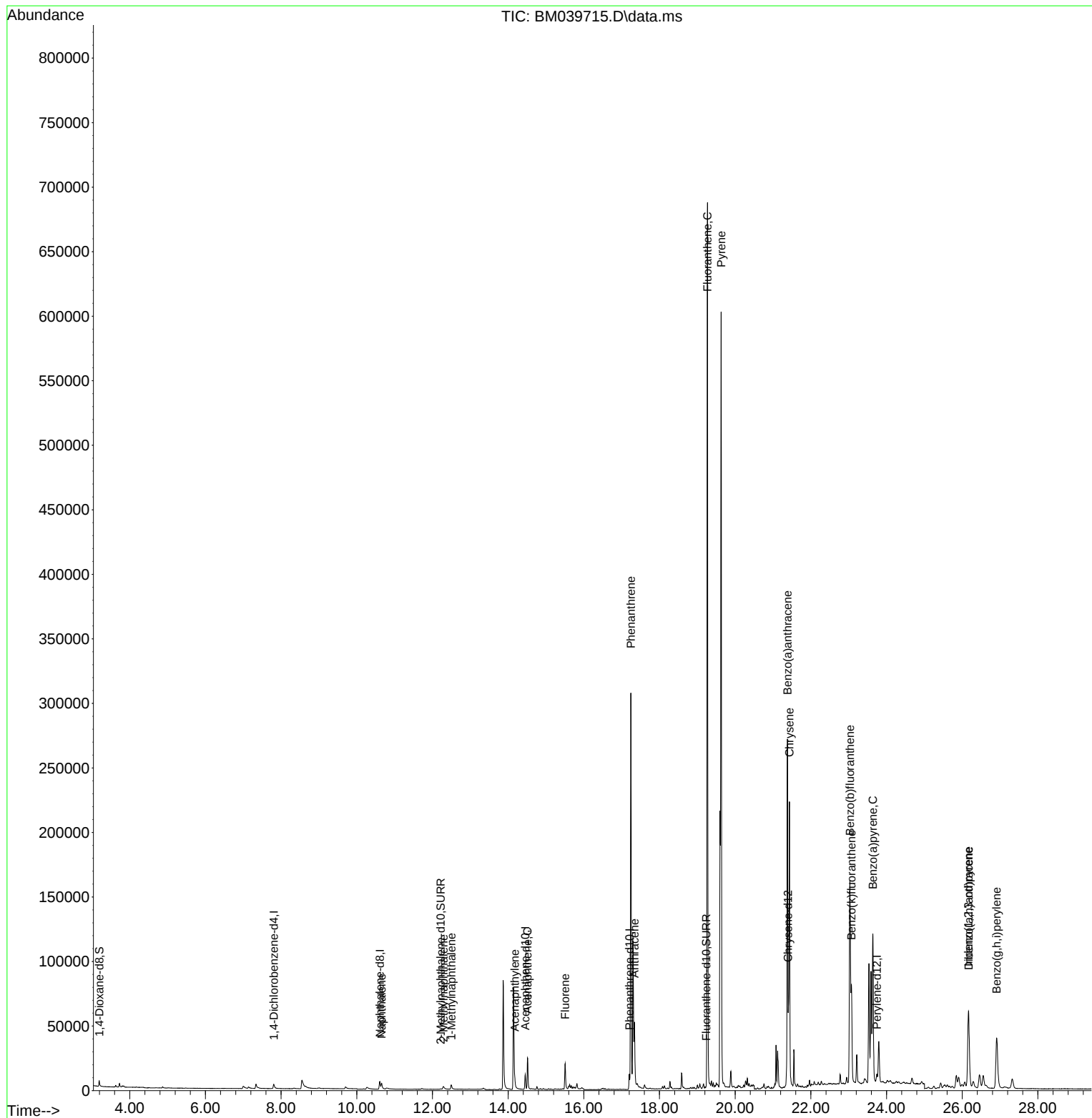
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039715.D
Acq On : 27 Apr 2023 20:47
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ALS Vial : 17 Sample Multiplier: 1

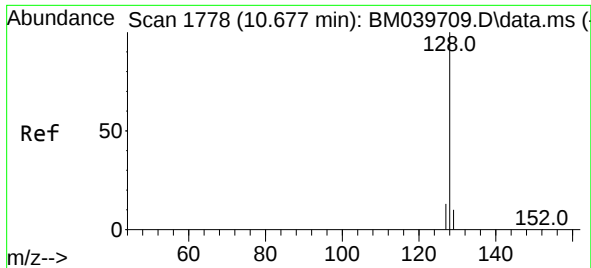
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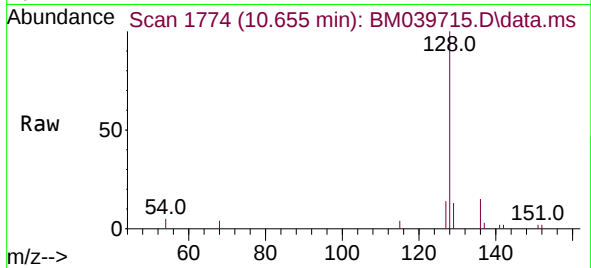
Quant Time: Apr 28 02:34:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.655 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

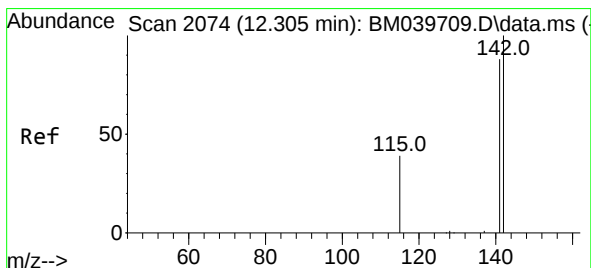
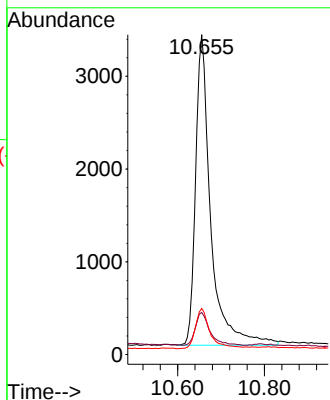
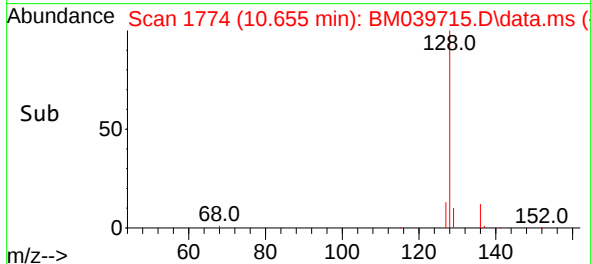
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



Tgt Ion:128 Resp: 8096
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.6
127 14.4 11.1 16.7

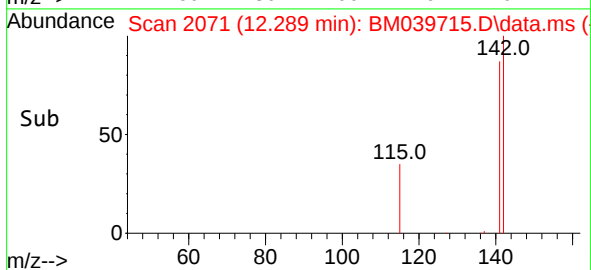
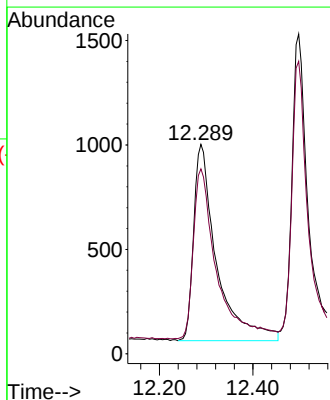
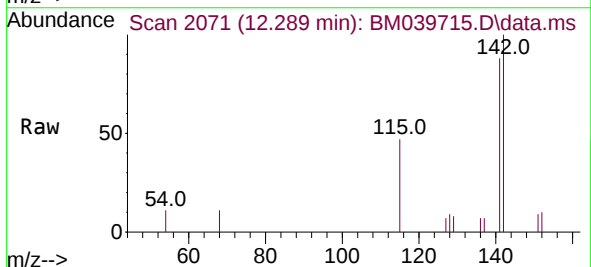
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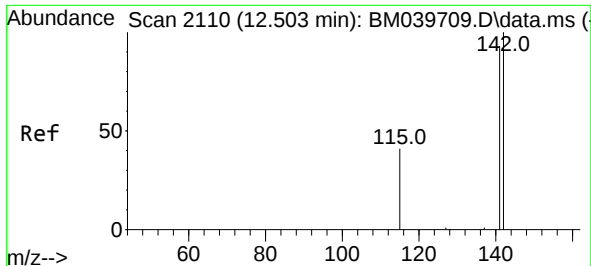
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

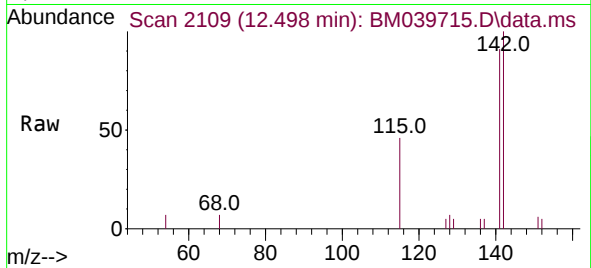
Tgt Ion:142 Resp: 3202
Ion Ratio Lower Upper
142 100
141 87.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.498 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

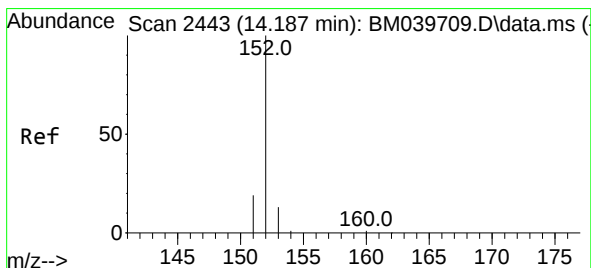
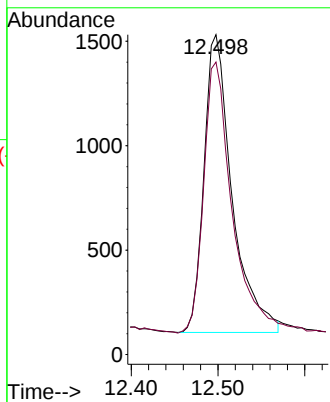
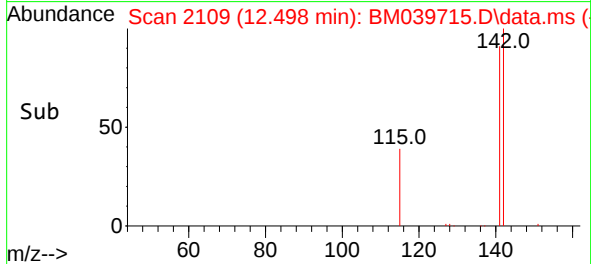
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Tgt Ion:142 Resp: 3217
Ion Ratio Lower Upper
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141 91.8 73.4 110.2

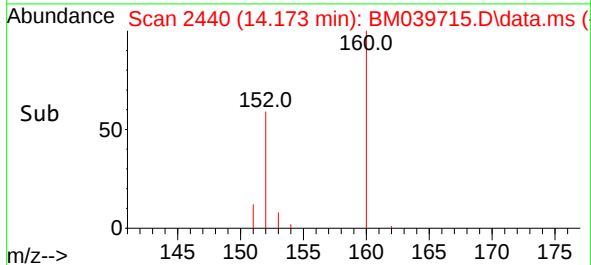
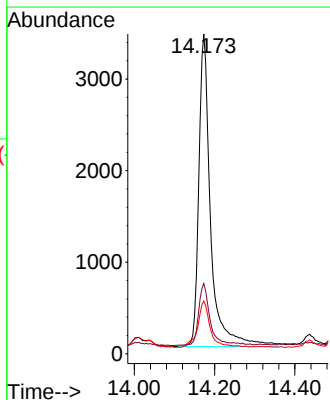
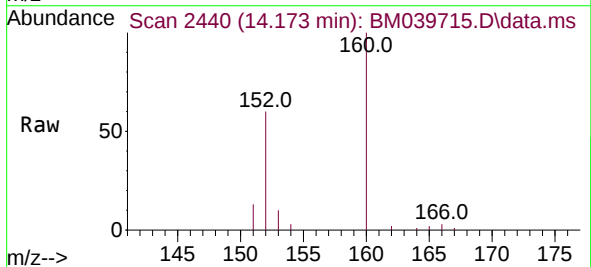
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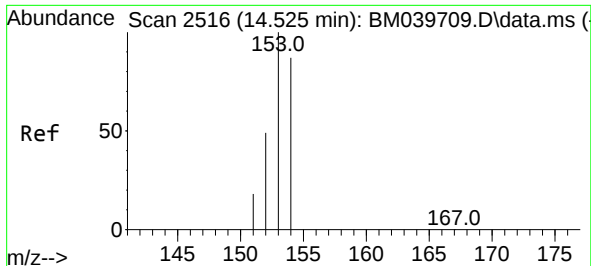
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

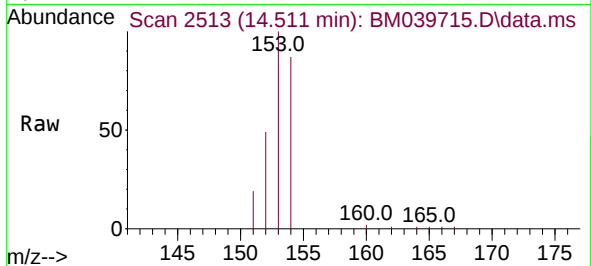
Tgt Ion:152 Resp: 6967
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 16.5 11.2 16.8





#11
Acenaphthene
Concen: 0.766 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

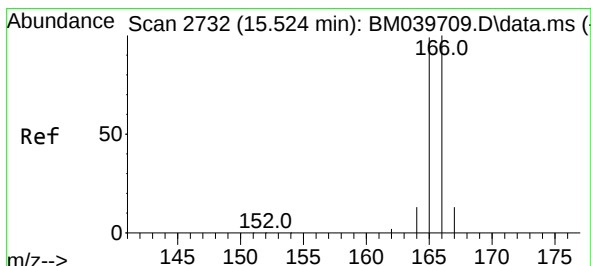
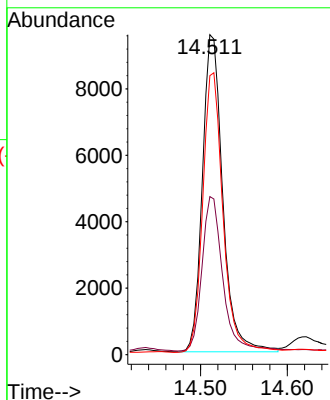
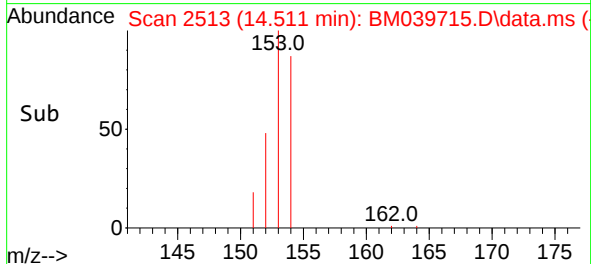
Instrument :
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ClientSampleId :
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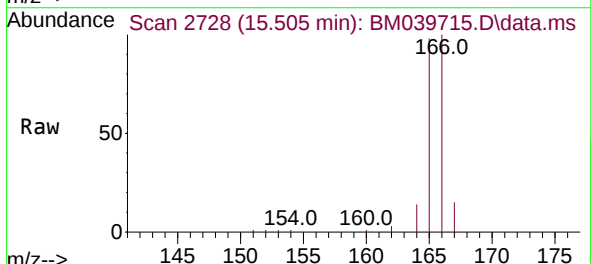
Tgt Ion:153 Resp: 15626
Ion Ratio Lower Upper
153 100
152 49.4 40.6 61.0
154 87.2 71.9 107.9

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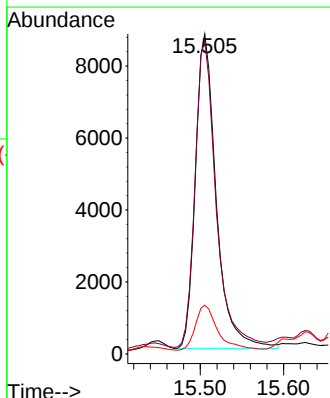
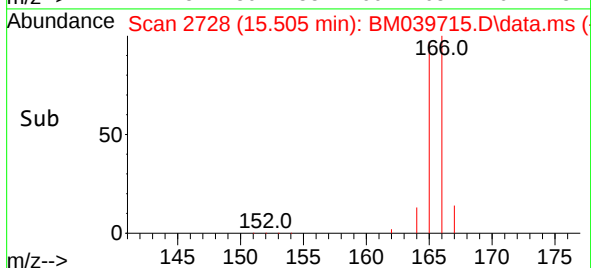
Reviewed By :Christian Giraldo 04/28/2023
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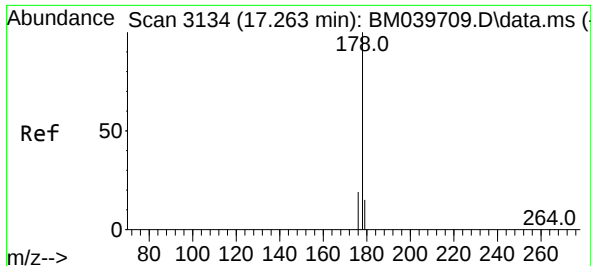


#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47



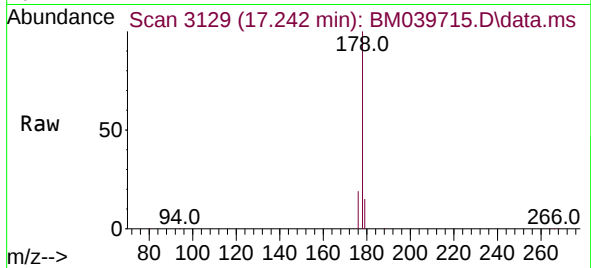
Tgt Ion:166 Resp: 15168
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 15.2 11.8 17.6





#15
Phenanthrene
Concen: 8.663 ng/ul
RT: 17.242 min Scan# 311
Delta R.T. -0.013 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

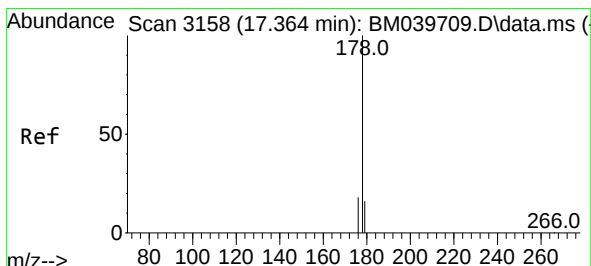
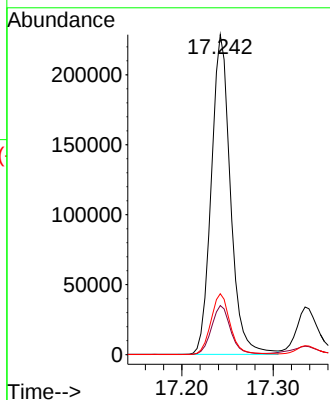
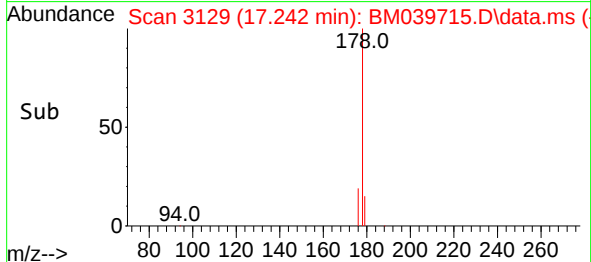
Instrument :
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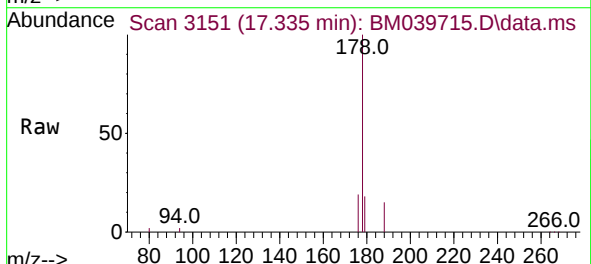
Tgt Ion:178 Resp: 334206
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.0 15.8 23.8

Manual Integrations
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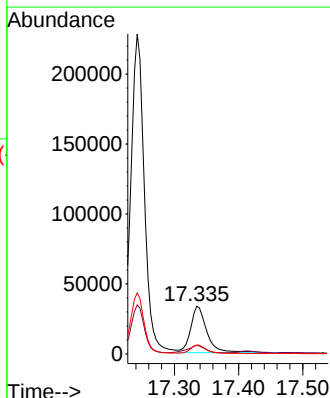
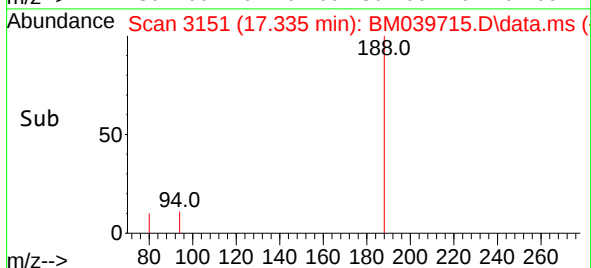
Reviewed By :Christian Giraldo 04/28/2023
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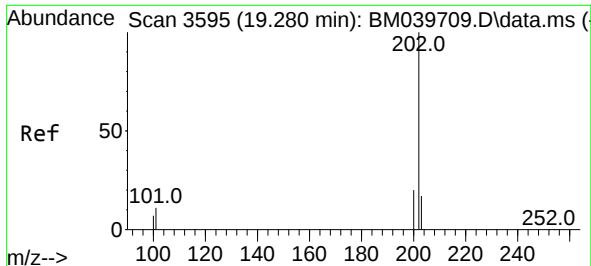


#16
Anthracene
Concen: 1.770 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47



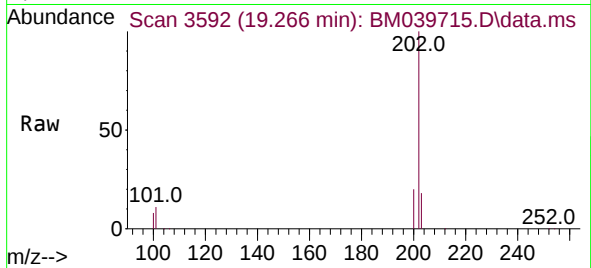
Tgt Ion:178 Resp: 58646
Ion Ratio Lower Upper
178 100
179 17.7 13.8 20.6
176 18.7 15.8 23.8





#19
Fluoranthene
Concen: 14.257 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

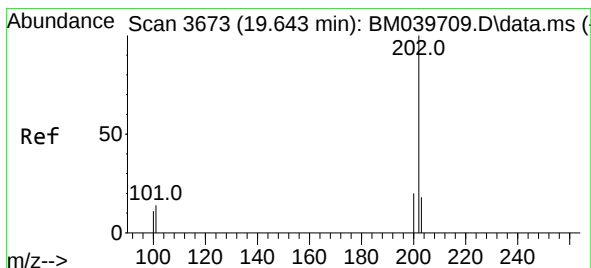
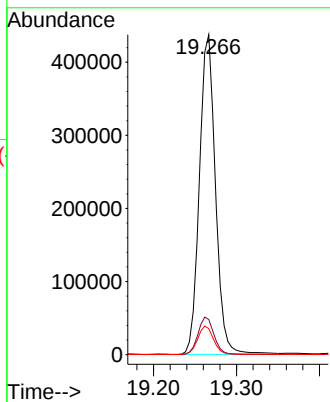
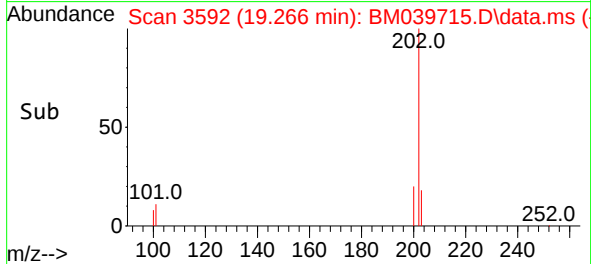
Instrument :
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Tgt Ion:202 Resp: 587206
Ion Ratio Lower Upper
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101 11.0 9.8 14.8
100 8.1 7.3 10.9

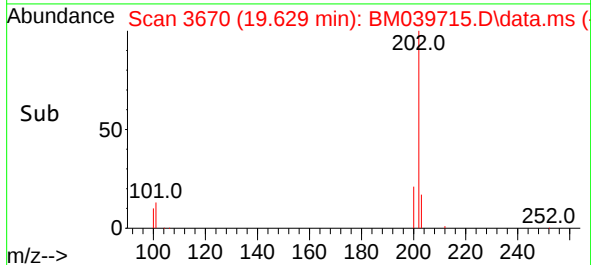
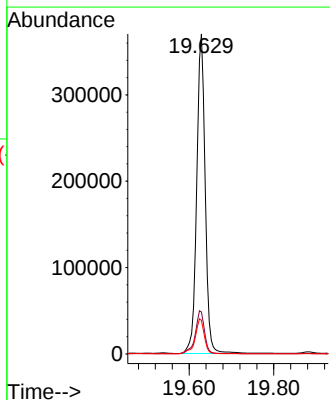
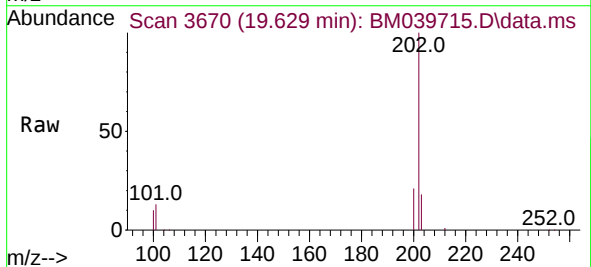
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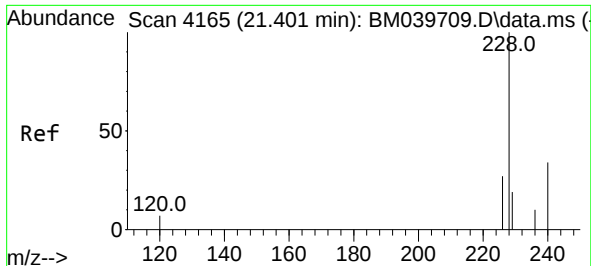
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#20
Pyrene
Concen: 11.619 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

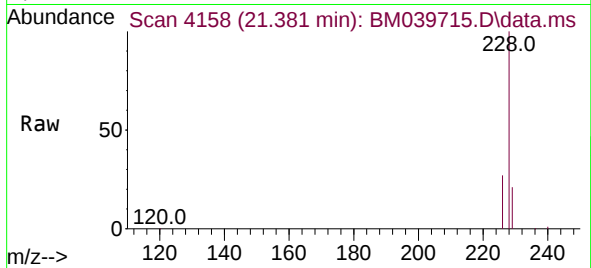
Tgt Ion:202 Resp: 516782
Ion Ratio Lower Upper
202 100
101 13.1 10.9 16.3
100 10.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 7.153 ng/ul
RT: 21.381 min Scan# 4165
Delta R.T. -0.016 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

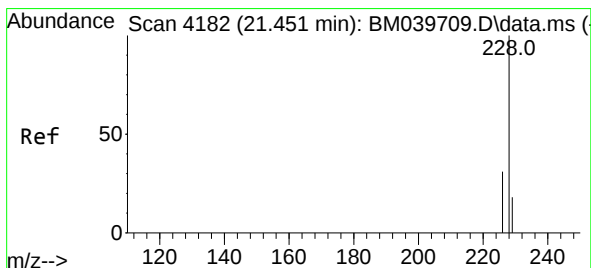
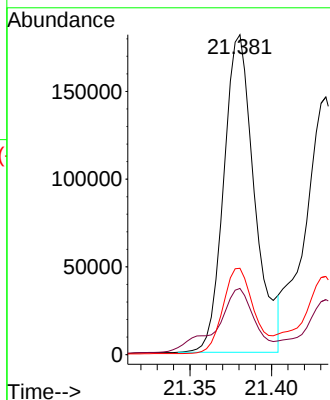
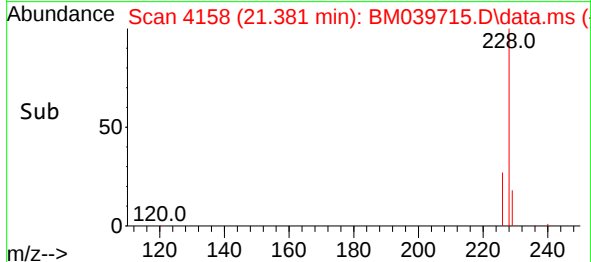
Instrument :
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EW8Z8DL



Tgt Ion:228 Resp: 237448
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.0 21.6 32.4

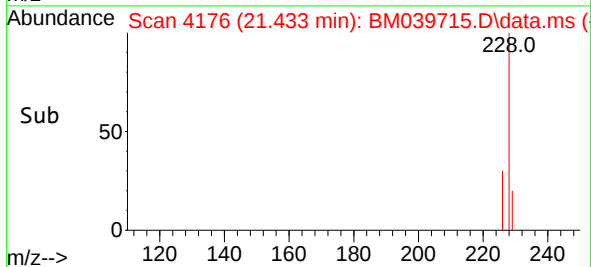
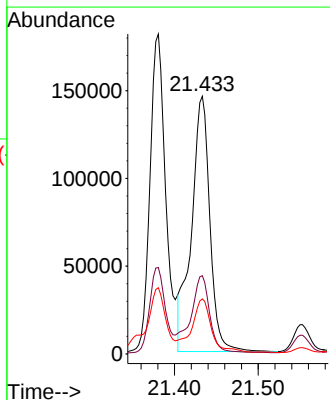
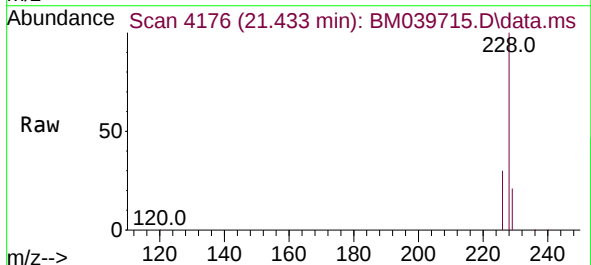
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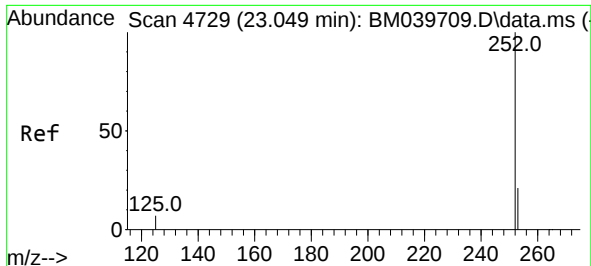
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Chrysene
Concen: 5.958 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

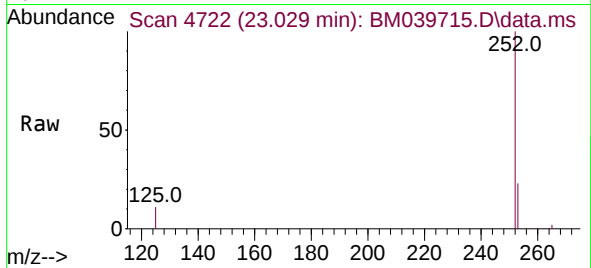
Tgt Ion:228 Resp: 223822
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 8.241 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.016 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

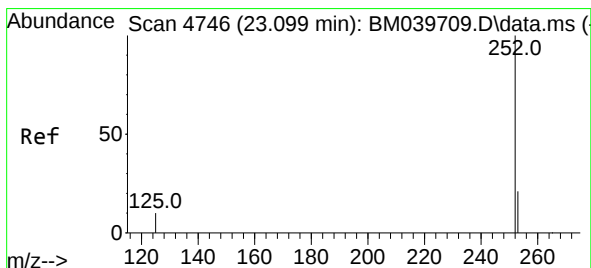
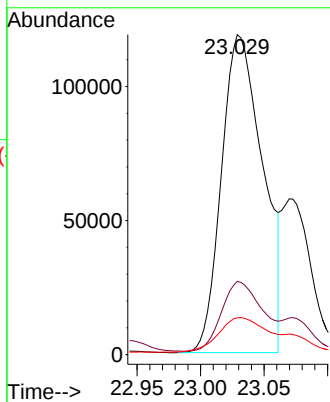
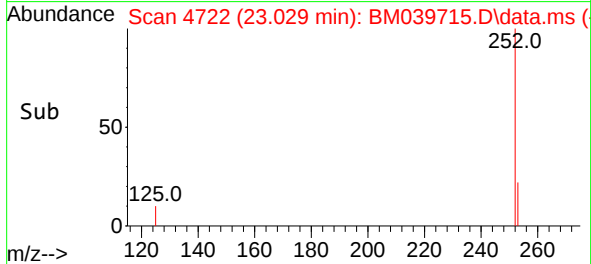
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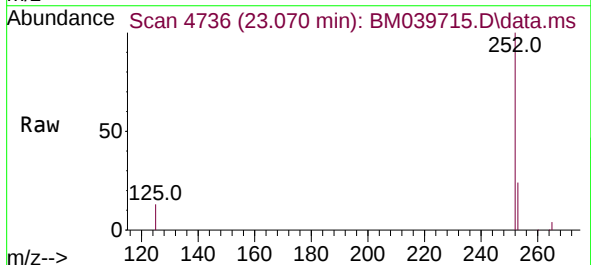
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Ion Ratio Lower Upper
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253 22.9 0.0 52.8
125 11.5 0.0 31.6

Manual Integrations
APPROVED

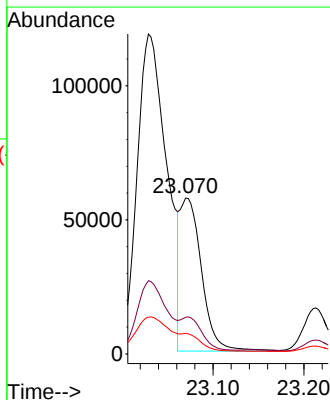
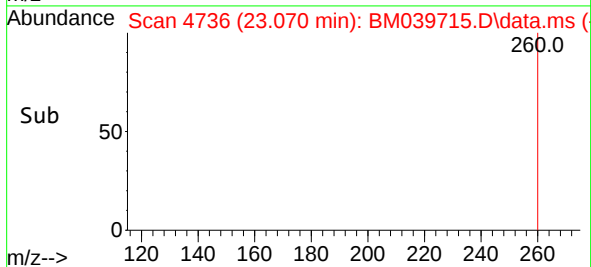
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

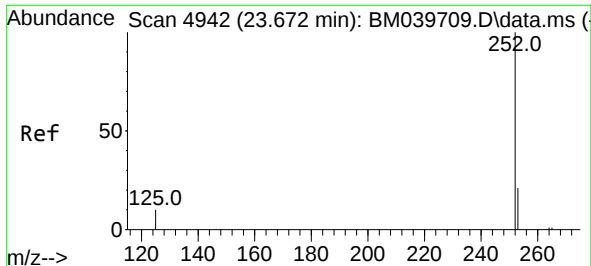


#25
Benzo(k)fluoranthene
Concen: 2.824 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.025 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47



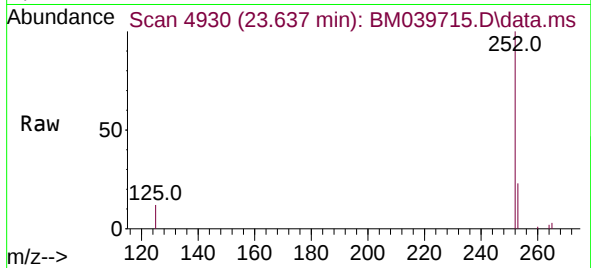
Tgt Ion:252 Resp: 93793
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 13.2 13.0 19.6





#26
Benzo(a)pyrene
Concen: 5.810 ng/ul
RT: 23.637 min Scan# 4942
Delta R.T. -0.028 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

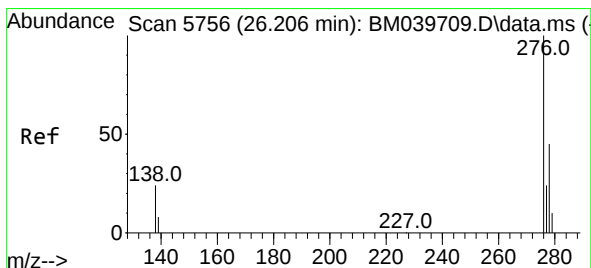
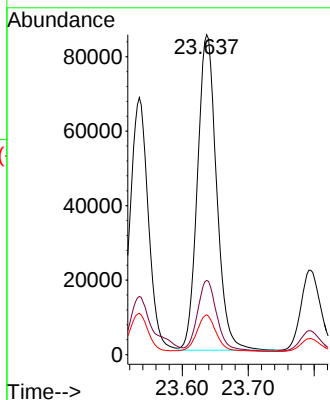
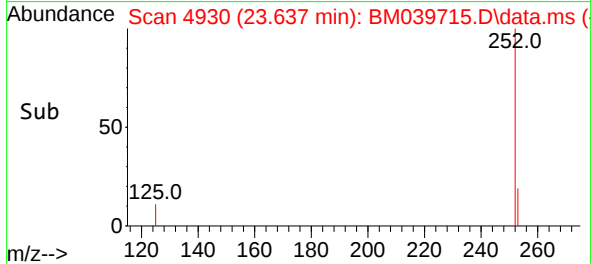
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



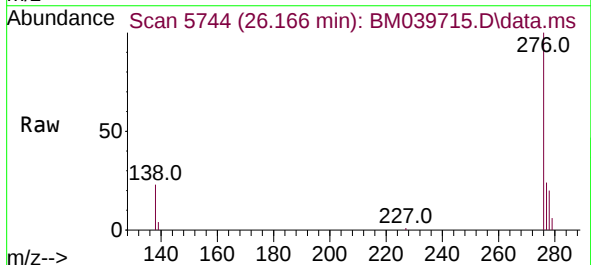
Tgt Ion:252 Resp: 170158
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1#
125 12.4 16.5 24.7#

Manual Integrations
APPROVED

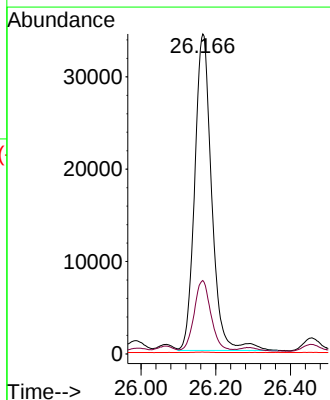
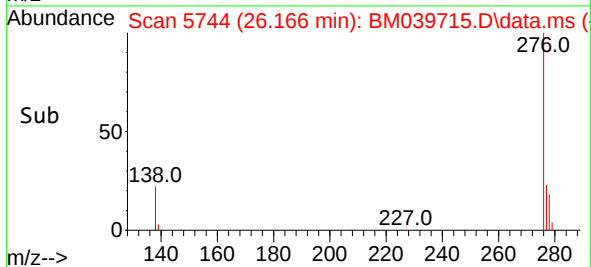
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

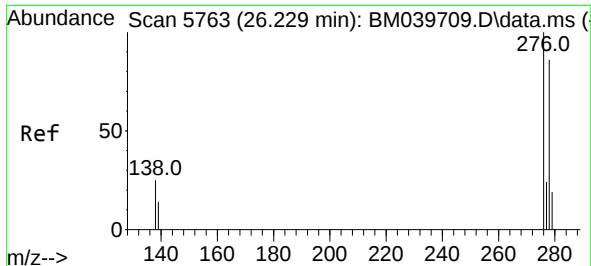


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.913 ng/ul
RT: 26.166 min Scan# 5744
Delta R.T. -0.035 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47



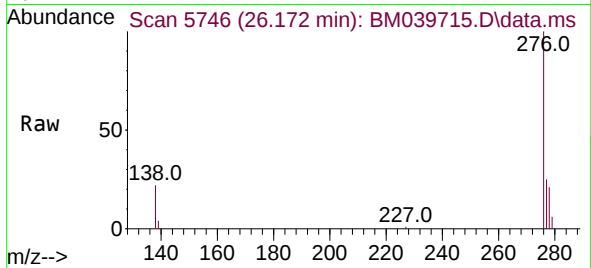
Tgt Ion:276 Resp: 107881
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.846 ng/ul
RT: 26.172 min Scan# 51
Delta R.T. -0.045 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47

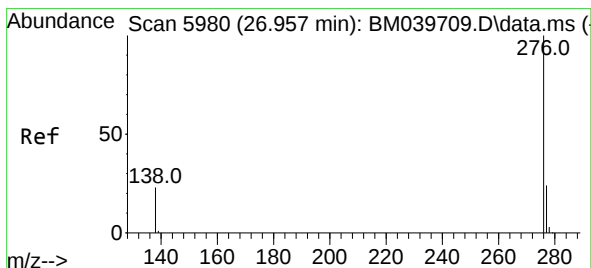
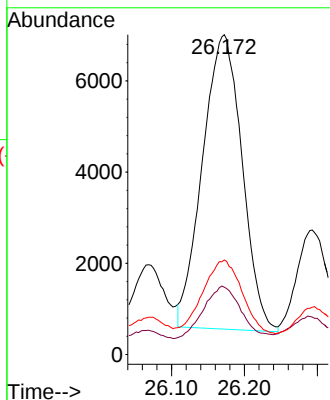
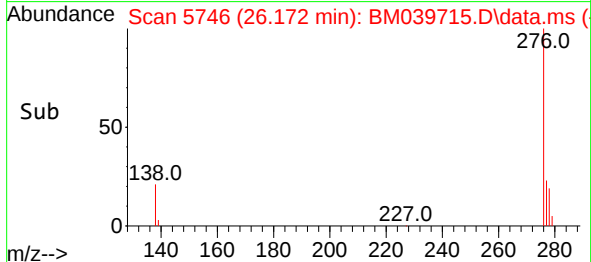
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



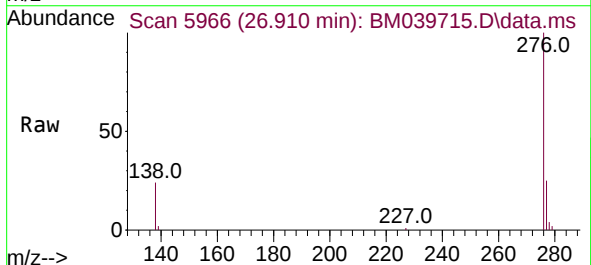
Tgt Ion:278 Resp: 24312
Ion Ratio Lower Upper
278 100
139 21.1 17.0 25.6
279 29.6 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#29
Benzo(g,h,i)perylene
Concen: 2.840 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.039 min
Lab File: BM039715.D
Acq: 27 Apr 2023 20:47



Tgt Ion:276 Resp: 91663
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 24.5 20.1 30.1

