

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038979.D
 Acq On : 10 Mar 2023 13:49
 Operator : CG/JU
 Sample : 01784-06DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD8DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 23:15:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	8760	0.400	ng/ul	0.00
4) Naphthalene-d8	10.806	136	30724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	18858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	40576	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	31150	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	26225	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7933	0.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	2371	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	6103	0.082	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.855	128	1720818	23.427	ng/ul	99
7) 2-Methylnaphthalene	12.461	142	94055	2.110	ng/ul	100
8) 1-Methylnaphthalene	12.681	142	158024	3.379	ng/ul	99
10) Acenaphthylene	14.346	152	33261	0.485	ng/ul	96
11) Acenaphthene	14.688	153	370871	6.576	ng/ul	97
12) Fluorene	15.674	166	30161	0.474	ng/ul#	96
14) Pentachlorophenol	17.020	266	89273	9.143	ng/ul	99
15) Phenanthrene	17.412	178	191257	1.783	ng/ul	99
16) Anthracene	17.505	178	24675	0.279	ng/ul	99
19) Fluoranthene	19.426	202	40528	0.384	ng/ul	99
20) Pyrene	19.789	202	25646m	0.237	ng/ul	

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

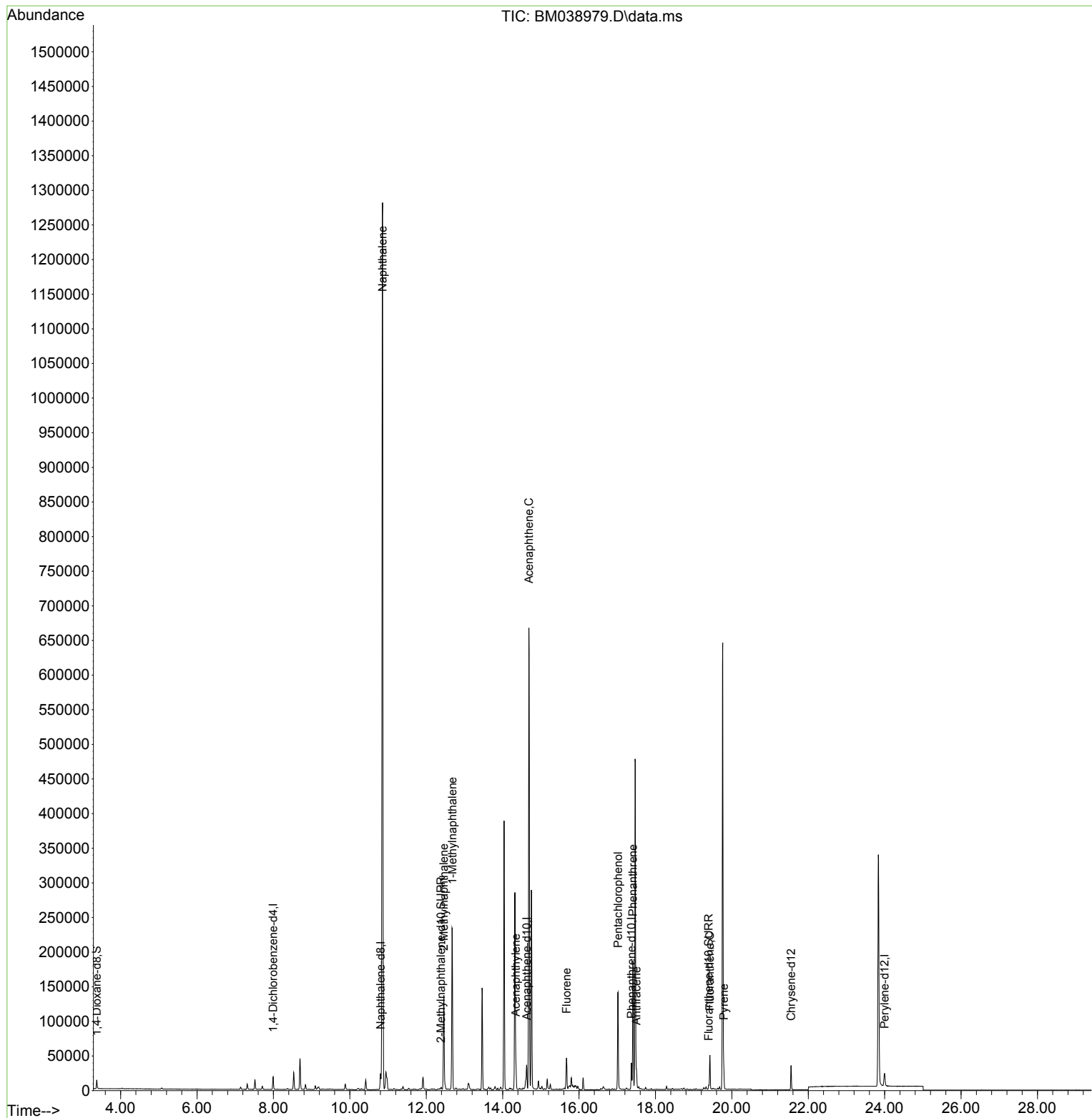
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
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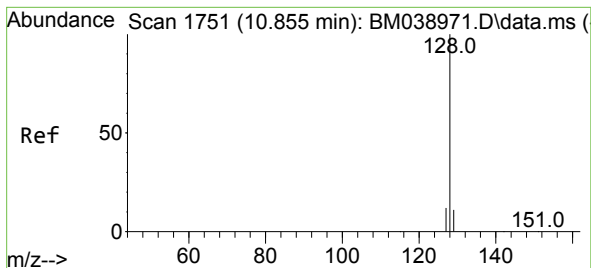
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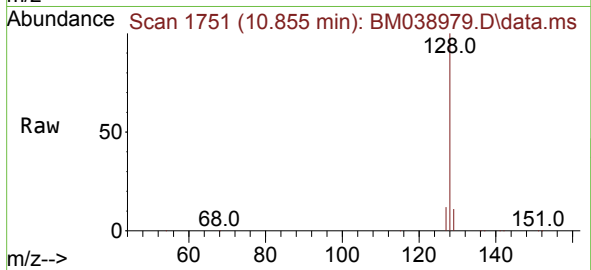
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
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#5
Naphthalene
Concen: 23.427 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

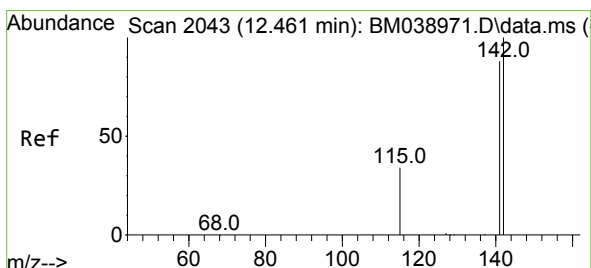
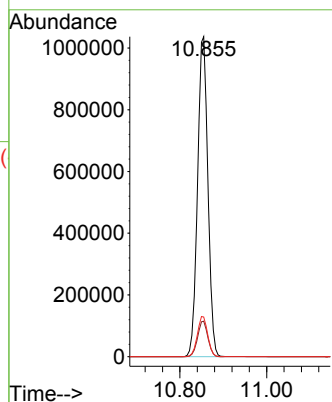
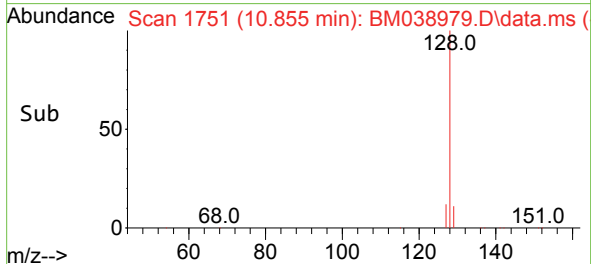
Instrument :
BNA_M
ClientSampleId :
DCAD8DL



Tgt Ion:128 Resp: 1720818
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.4 10.3 15.5

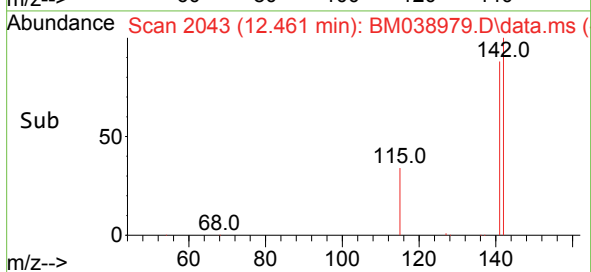
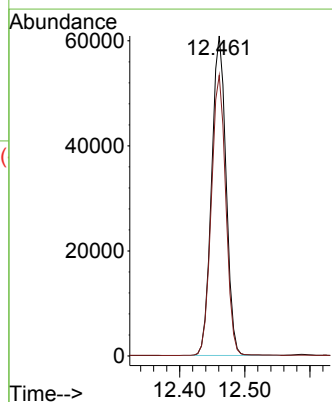
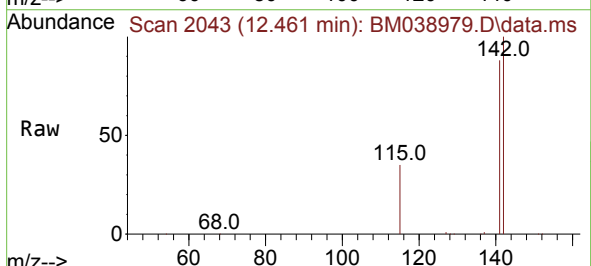
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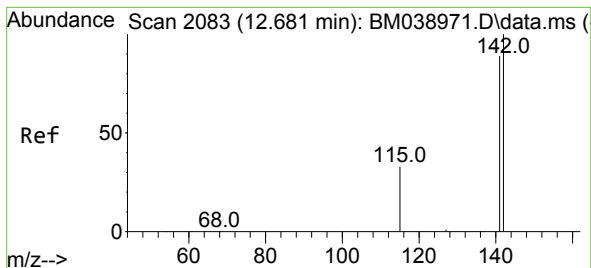
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#7
2-Methylnaphthalene
Concen: 2.110 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

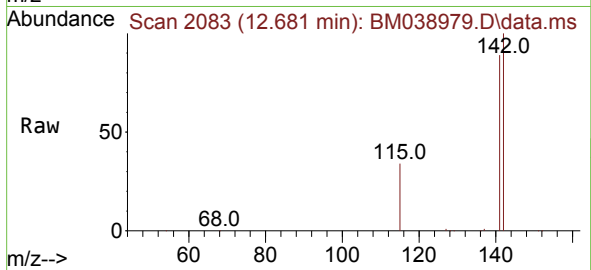
Tgt Ion:142 Resp: 94055
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9





#8
1-Methylnaphthalene
Concen: 3.379 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

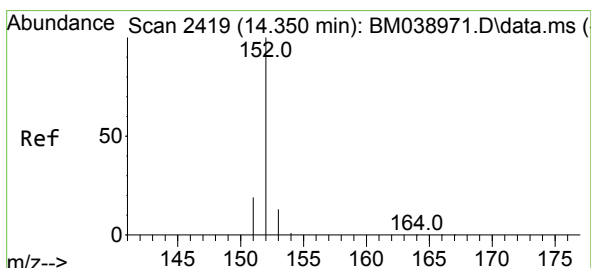
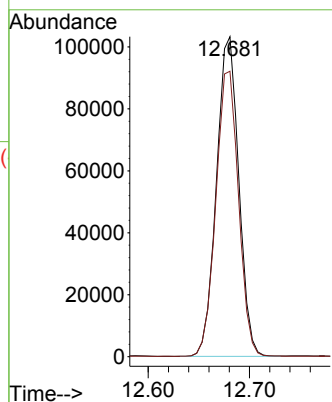
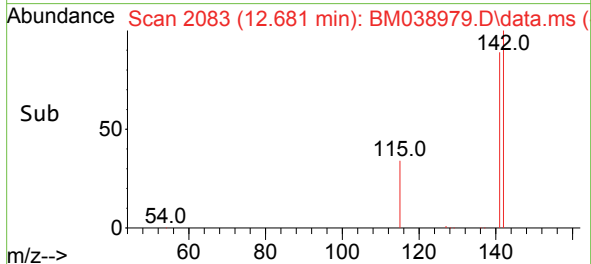
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Tgt Ion:142 Resp: 158024
Ion Ratio Lower Upper
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141 90.6 73.5 110.3

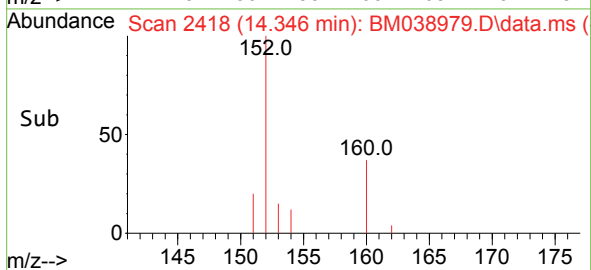
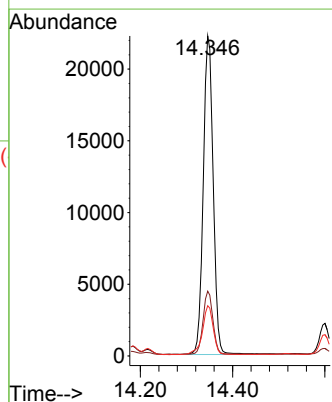
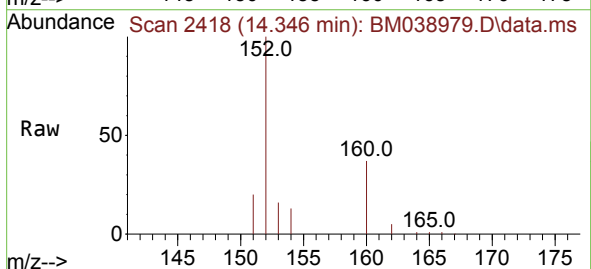
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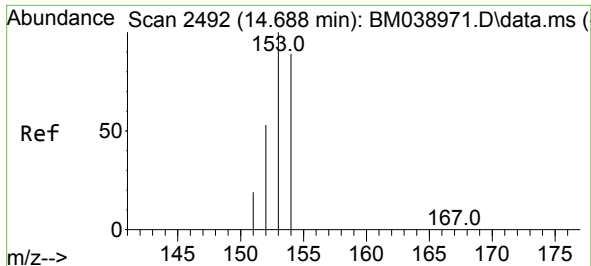
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Acenaphthylene
Concen: 0.485 ng/ul
RT: 14.346 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

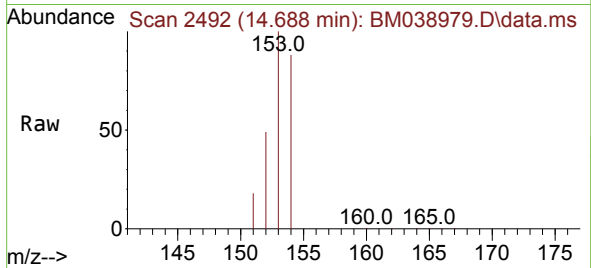
Tgt Ion:152 Resp: 33261
Ion Ratio Lower Upper
152 100
151 20.3 15.6 23.4
153 15.7 10.6 15.8





#11
Acenaphthene
Concen: 6.576 ng/ul
RT: 14.688 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

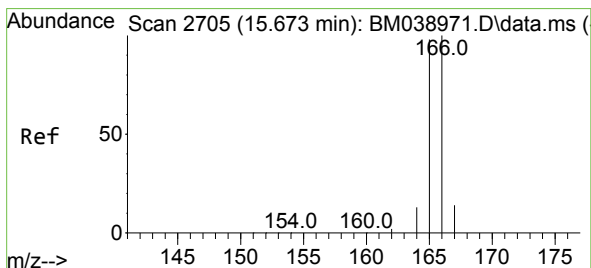
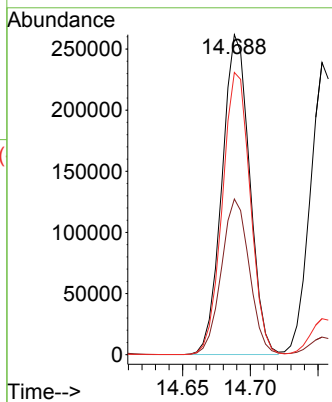
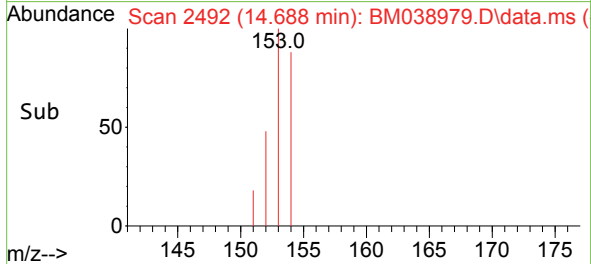
Instrument :
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ClientSampleId :
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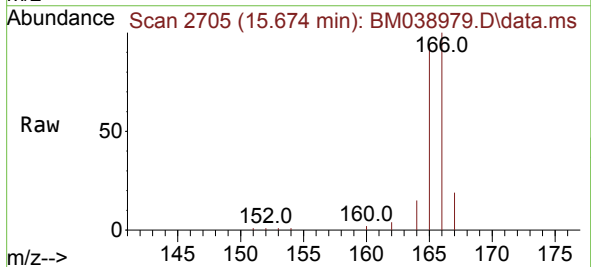
Tgt Ion:153 Resp: 37087
Ion Ratio Lower Upper
153 100
152 48.7 44.2 66.2
154 88.2 70.6 105.8

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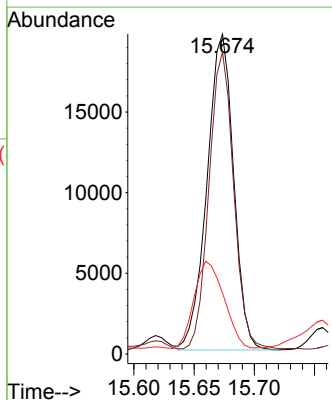
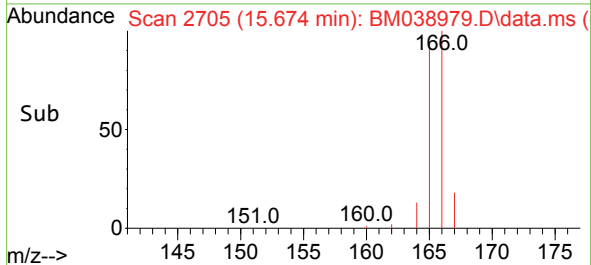
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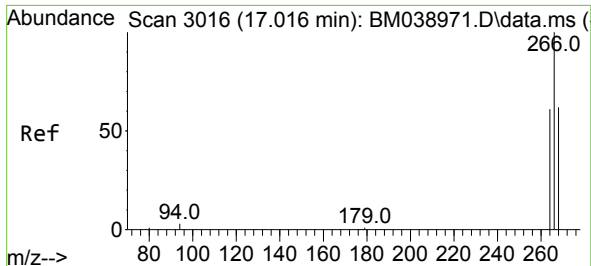


#12
Fluorene
Concen: 0.474 ng/ul
RT: 15.674 min Scan# 2705
Delta R.T. -0.005 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49



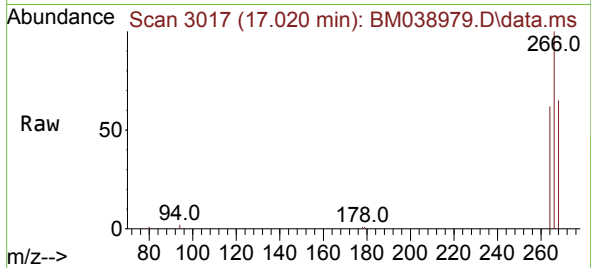
Tgt Ion:166 Resp: 30161
Ion Ratio Lower Upper
166 100
165 94.4 77.8 116.6
167 19.0 11.4 17.2#





#14
Pentachlorophenol
Concen: 9.143 ng/ul
RT: 17.020 min Scan# 3016
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

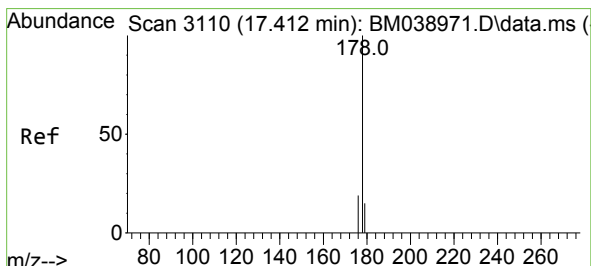
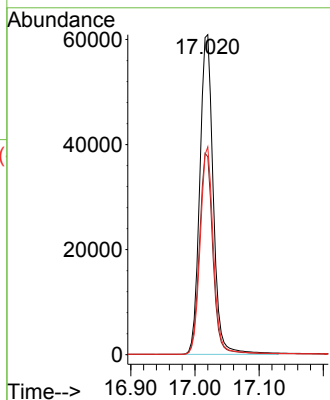
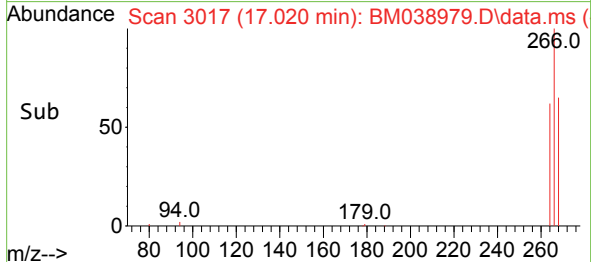
Instrument :
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DCAD8DL



Tgt Ion:266 Resp: 8927
Ion Ratio Lower Upper
266 100
264 62.9 50.2 75.2
268 63.9 50.2 75.4

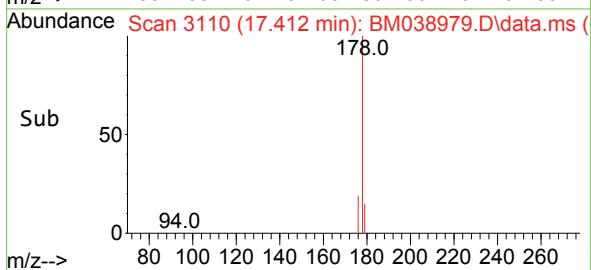
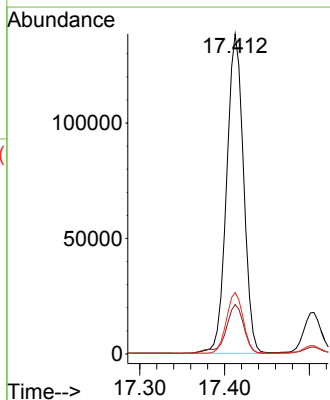
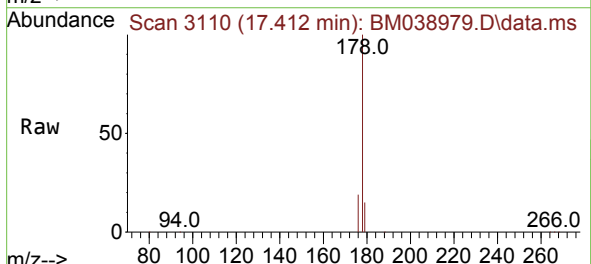
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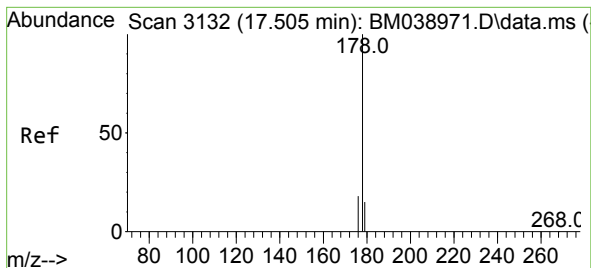
Reviewed By :Christian Giraldo 03/13/2023
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#15
Phenanthrene
Concen: 1.783 ng/ul
RT: 17.412 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

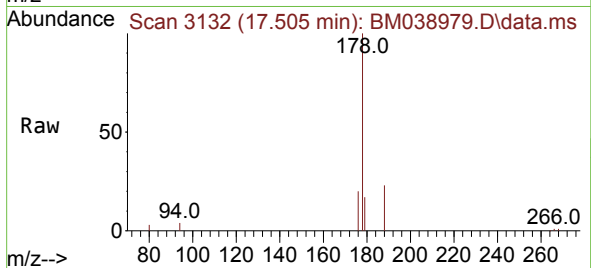
Tgt Ion:178 Resp: 191257
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 15.9 23.9





#16
 Anthracene
 Concen: 0.279 ng/ul
 RT: 17.505 min Scan# 3132
 Delta R.T. -0.000 min
 Lab File: BM038979.D
 Acq: 10 Mar 2023 13:49

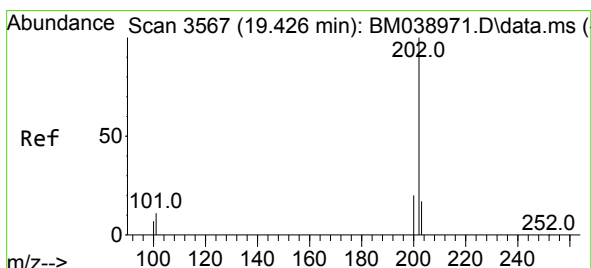
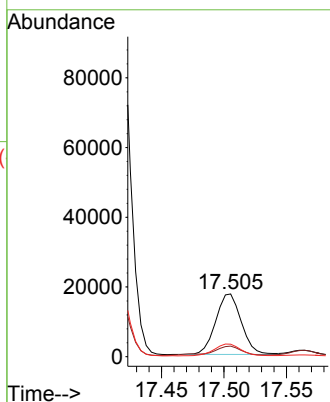
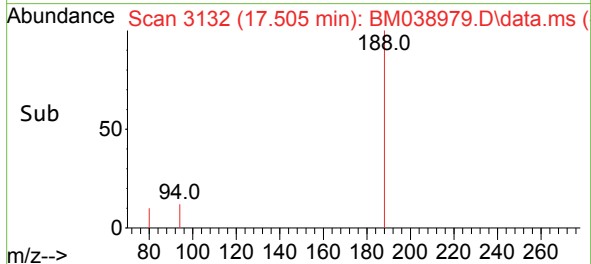
Instrument :
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Tgt Ion:178 Resp: 24675
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.0 19.6
 176 20.0 15.4 23.2

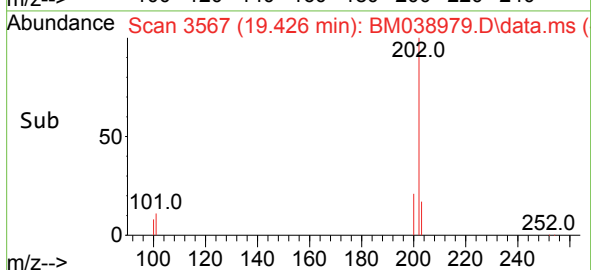
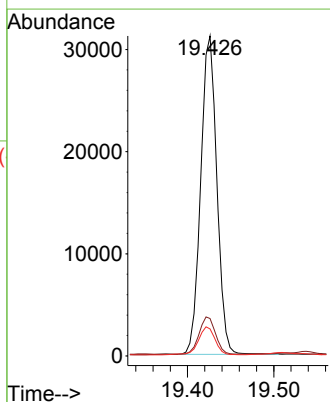
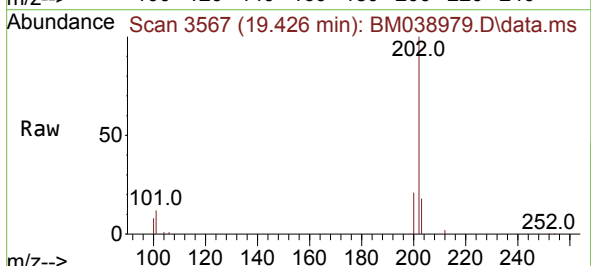
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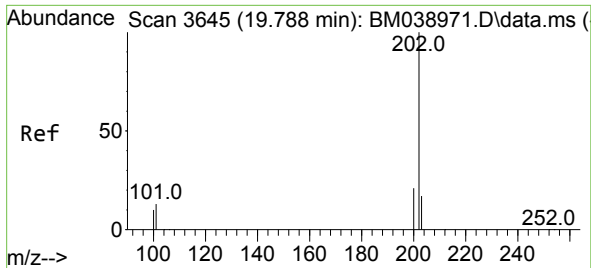
Reviewed By :Christian Giraldo 03/13/2023
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#19
 Fluoranthene
 Concen: 0.384 ng/ul
 RT: 19.426 min Scan# 3567
 Delta R.T. -0.000 min
 Lab File: BM038979.D
 Acq: 10 Mar 2023 13:49

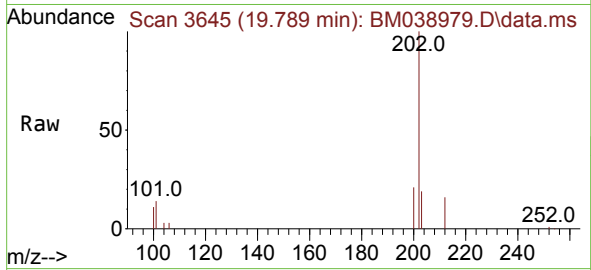
Tgt Ion:202 Resp: 40528
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.9 13.3
 100 8.5 6.8 10.2





#20
Pyrene
Concen: 0.237 ng/ul m
RT: 19.789 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038979.D
Acq: 10 Mar 2023 13:49

Instrument :
BNA_M
ClientSampleId :
DCAD8DL



Tgt Ion:202 Resp: 25640
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.8 9.0 13.6

Manual Integrations
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