

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
 Data File : BM036172.D
 Acq On : 09 Aug 2022 13:07
 Operator : CG/JU
 Sample : N3962-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-205

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 03:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:36:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	232073	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	911285	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	478522	20.000	ng	-0.01
64) Phenanthrene-d10	17.227	188	899254	20.000	ng	0.00
76) Chrysene-d12	21.415	240	948858	20.000	ng	0.00
86) Perylene-d12	23.768	264	1080983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1932711	135.019	ng	0.00
7) Phenol-d6	7.057	99	2366713	129.939	ng	0.00
23) Nitrobenzene-d5	9.016	82	1427281	87.673	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	764158	136.124	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2885217	89.023	ng	-0.01
79) Terphenyl-d14	19.856	244	4036521	83.909	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.969	122	31957	3.605	ng	88
71) Phenanthrene	17.268	178	1115518	24.349	ng	100
72) Anthracene	17.356	178	194289	4.380	ng	98
73) Carbazole	17.639	167	236739	5.268	ng	99
75) Fluoranthene	19.286	202	4188281	81.670	ng	98
78) Pyrene	19.650	202	4359805	74.098	ng	98
81) Benzo(a)anthracene	21.397	228	3627141	62.062	ng	99
83) Chrysene	21.450	228	3826240	68.872	ng	97
87) Indeno(1,2,3-cd)pyrene	26.221	276	3228380	42.498	ng	97
88) Benzo(b)fluoranthene	23.056	252	6142050	96.979	ng	96
89) Benzo(k)fluoranthene	23.097	252	2182448m	34.118	ng	
90) Benzo(a)pyrene	23.674	252	4597748	86.523	ng	98
91) Dibenzo(a,h)anthracene	26.226	278	909265m	14.299	ng	
92) Benzo(g,h,i)perylene	26.985	276	3362346	54.620	ng	99

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

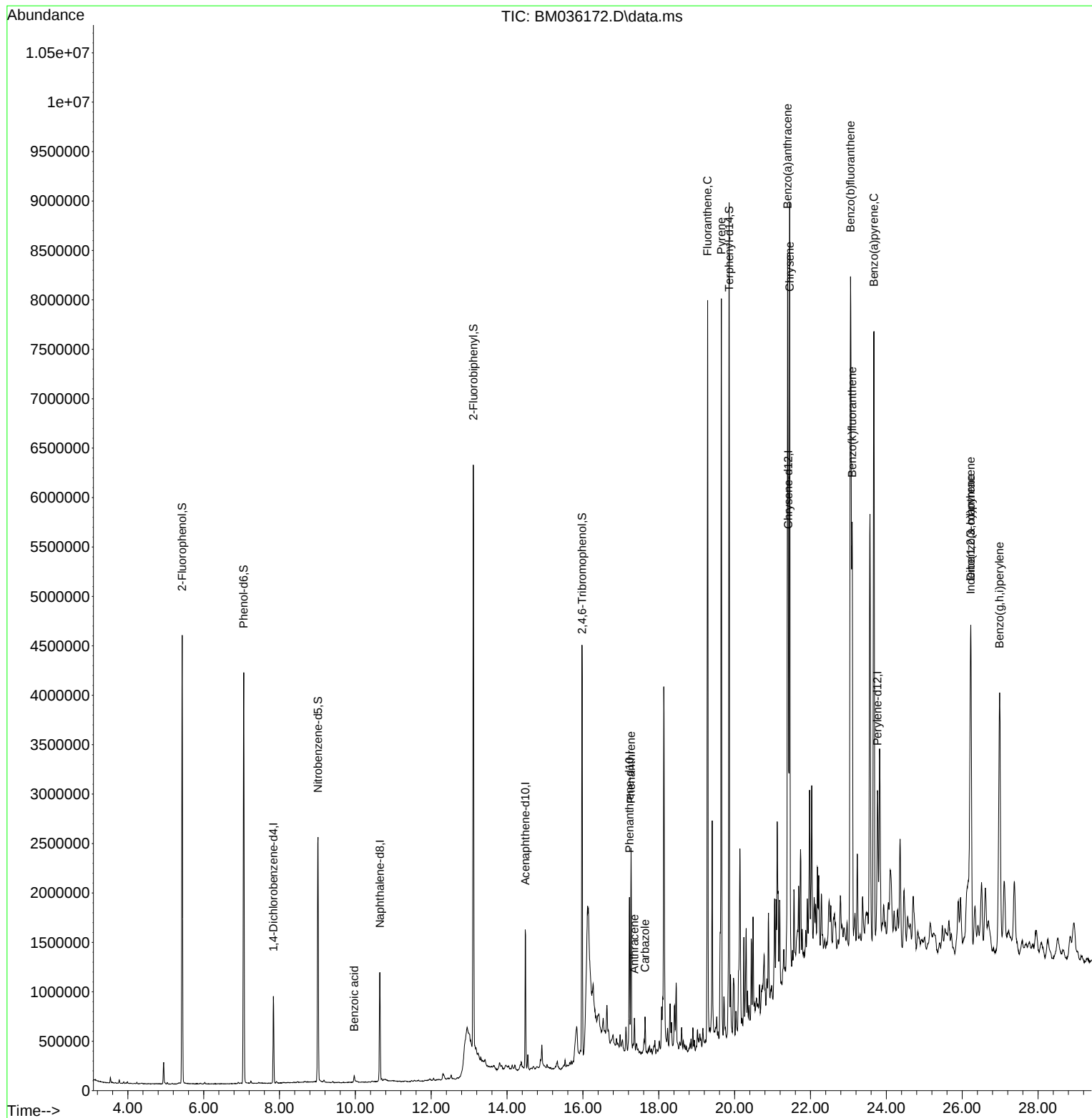
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036172.D
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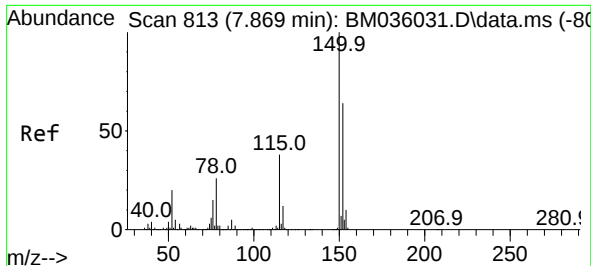
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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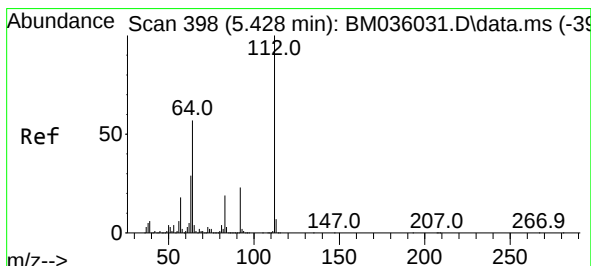
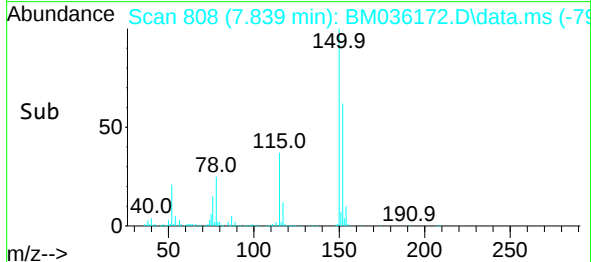
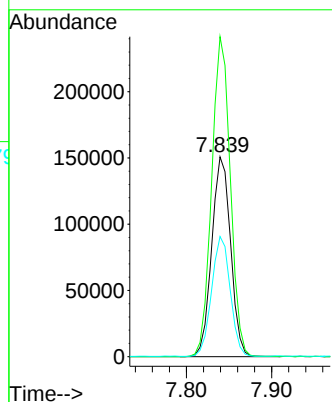
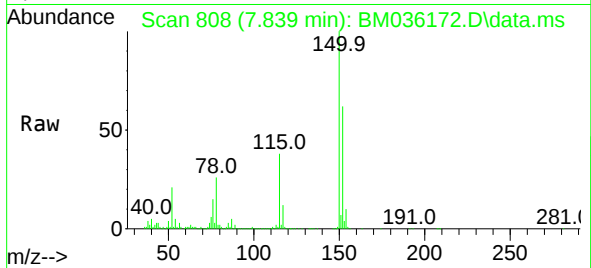
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

Instrument :
BNA_M
ClientSampleId :
RVE-205

Tgt Ion:152 Resp: 23207
Ion Ratio Lower Upper
152 100
150 160.1 124.9 187.3
115 60.1 47.9 71.9

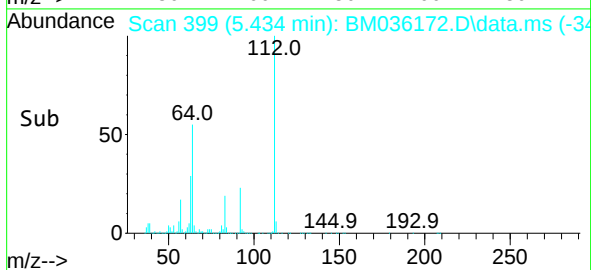
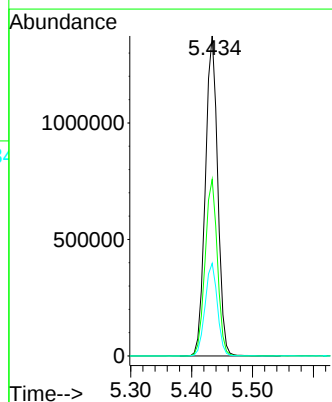
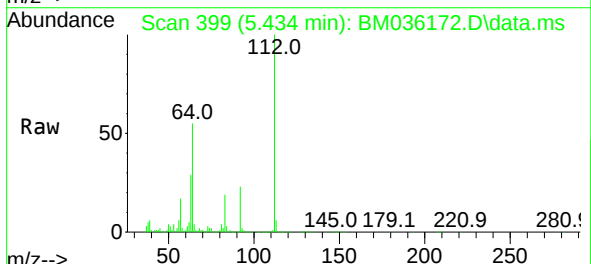
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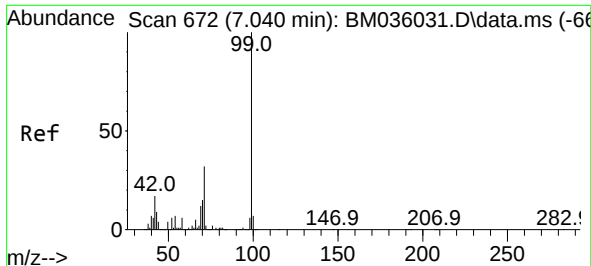
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 135.019 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.000 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

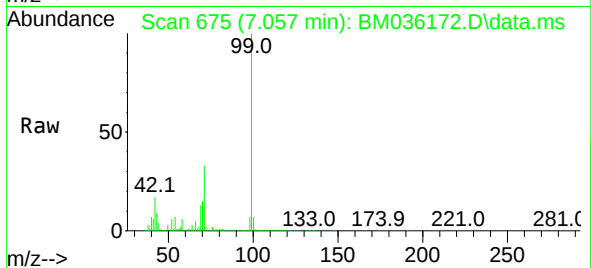
Tgt Ion:112 Resp: 1932711
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 28.9 26.6 40.0





#7
Phenol-d6
Concen: 129.939 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

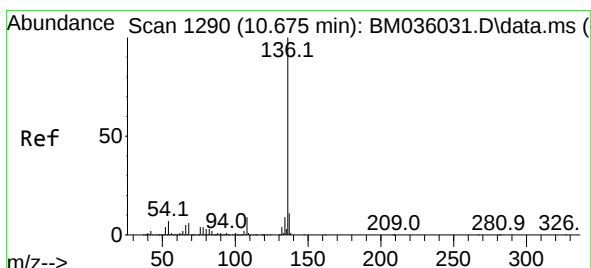
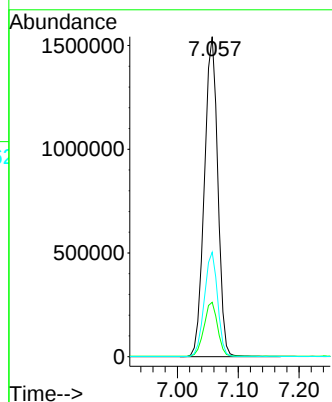
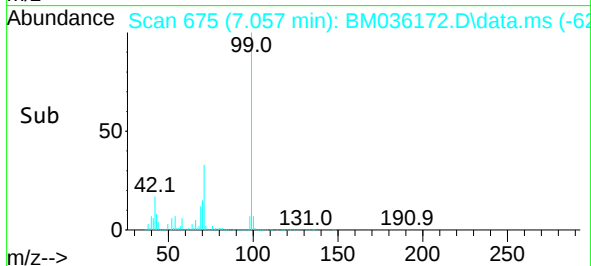
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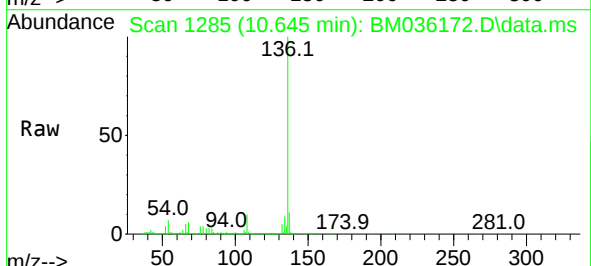
Tgt Ion: 99 Resp: 236671
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2
71 32.7 30.2 45.2

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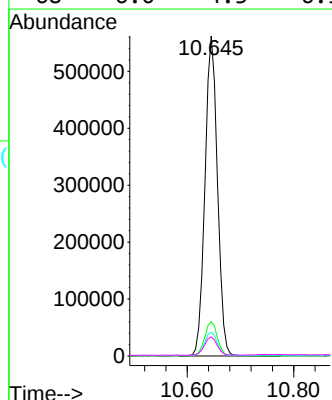
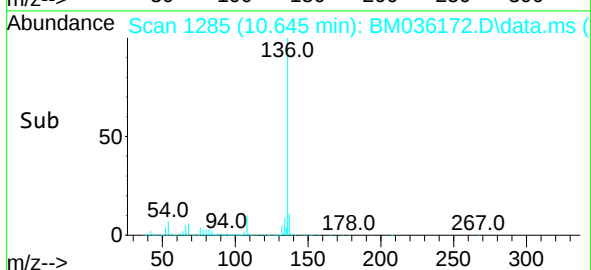
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

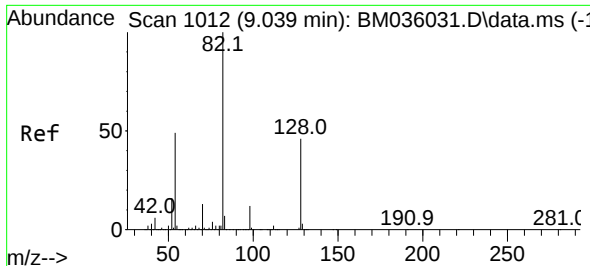


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07



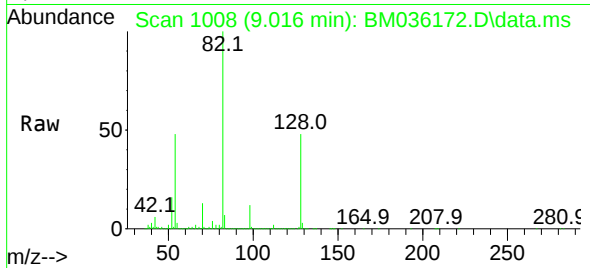
Tgt Ion:136 Resp: 911285
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 7.0 10.4
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 87.673 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

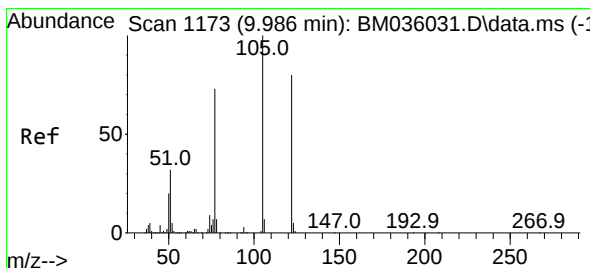
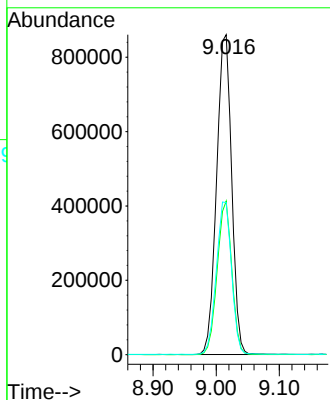
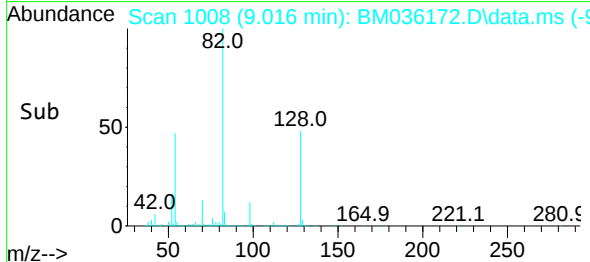
Instrument :
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ClientSampleId :
RVE-205



Tgt Ion: 82 Resp: 142728
Ion Ratio Lower Upper
82 100
128 48.0 33.7 50.5
54 47.5 43.2 64.8

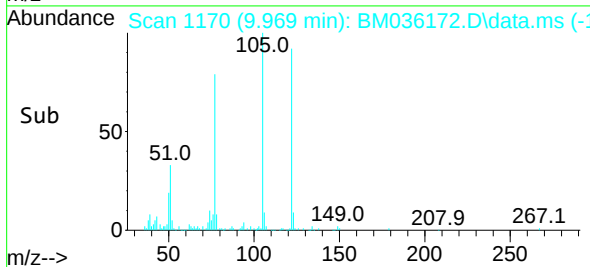
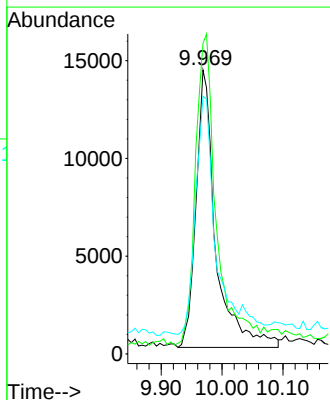
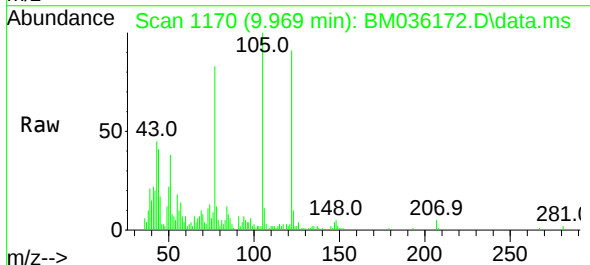
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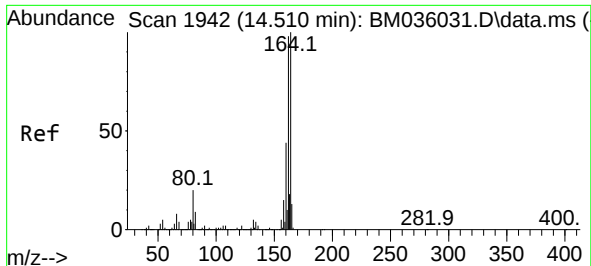
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#32
Benzoic acid
Concen: 3.605 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.076 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

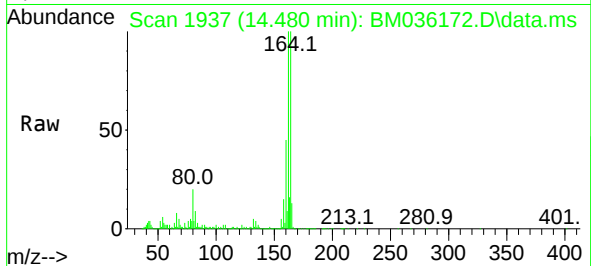
Tgt Ion:122 Resp: 31957
Ion Ratio Lower Upper
122 100
105 109.5 105.7 145.7
77 90.8 80.0 120.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

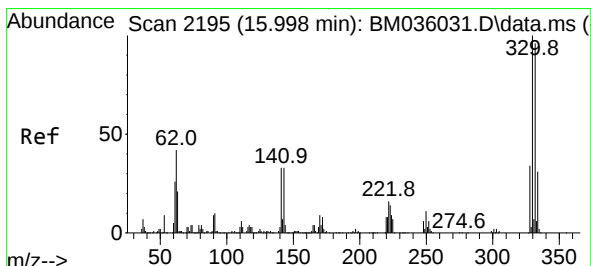
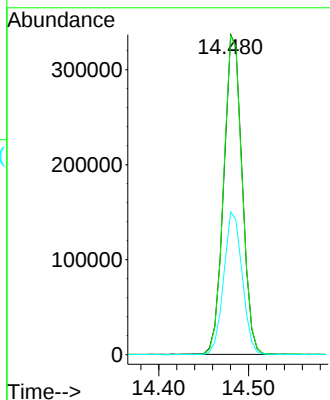
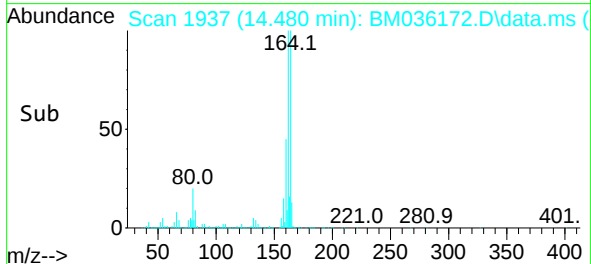
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RVE-205



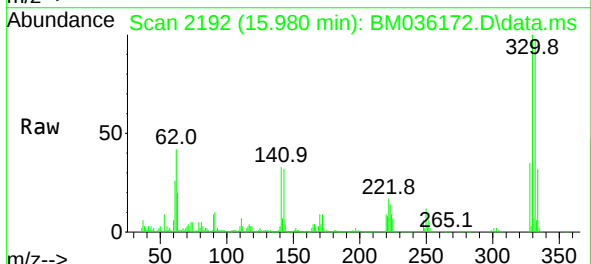
Tgt Ion:164 Resp: 47852
Ion Ratio Lower Upper
164 100
162 99.7 83.0 124.6
160 44.7 37.0 55.4

Manual Integrations
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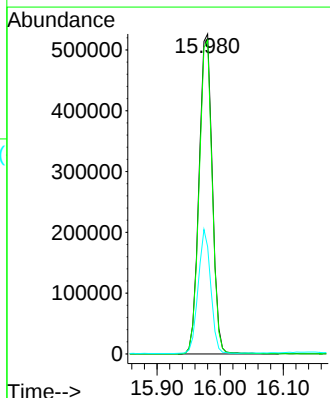
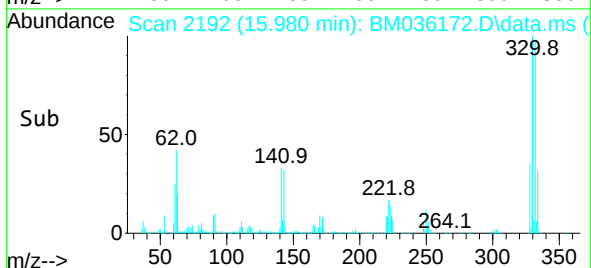
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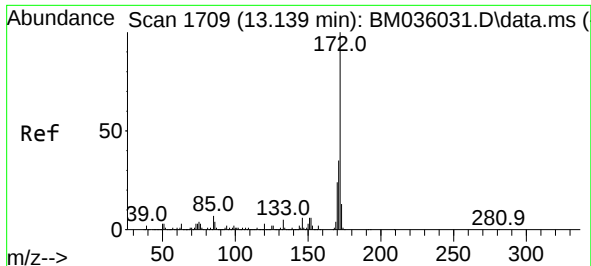


#42
2,4,6-Tribromophenol
Concen: 136.124 ng
RT: 15.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07



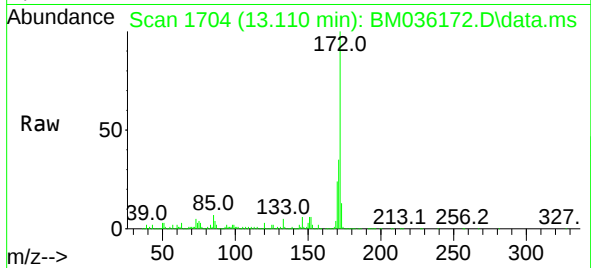
Tgt Ion:330 Resp: 764158
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 36.6 35.3 52.9





#45
2-Fluorobiphenyl
Concen: 89.023 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

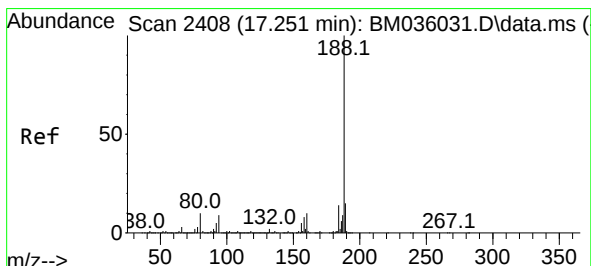
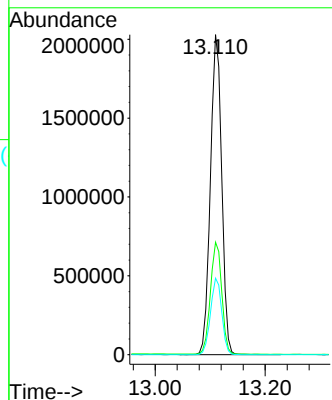
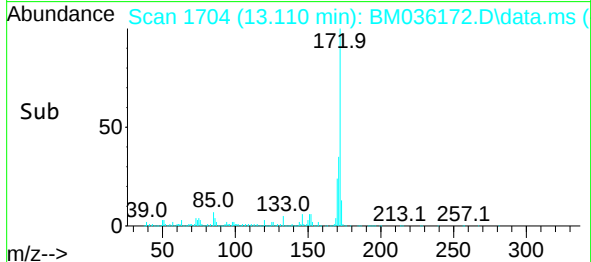
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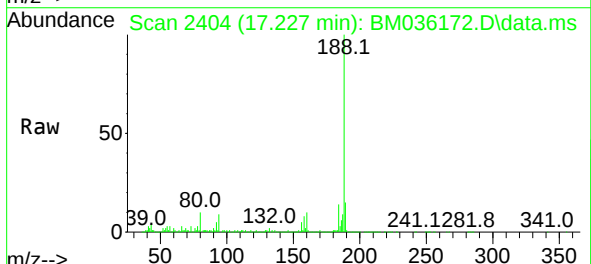
Tgt Ion:172 Resp: 288521
Ion Ratio Lower Upper
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171 35.2 28.5 42.7
170 23.9 18.7 28.1

Manual Integrations
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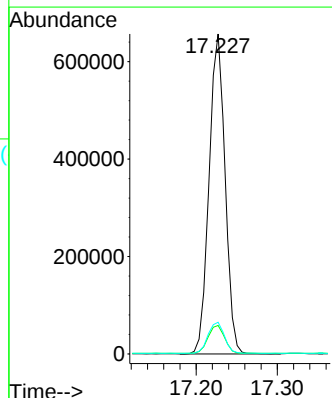
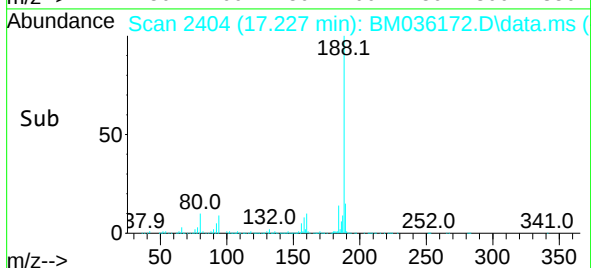
Reviewed By :Christian Giraldo 08/10/2022
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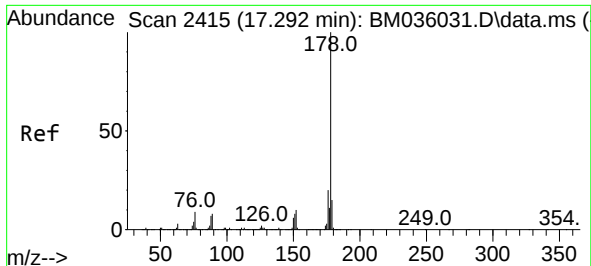


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07



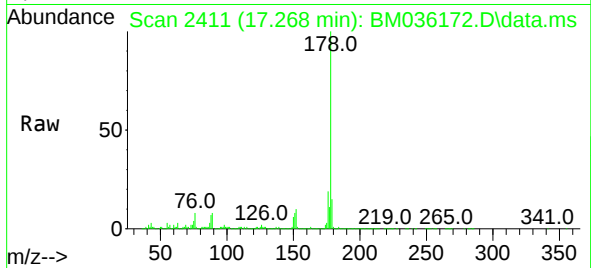
Tgt Ion:188 Resp: 899254
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.9 7.6 11.4





#71
Phenanthrene
Concen: 24.349 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

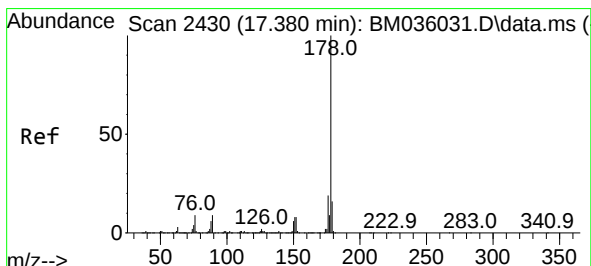
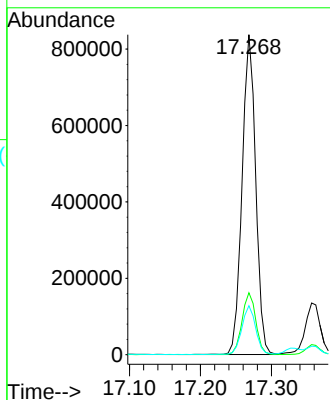
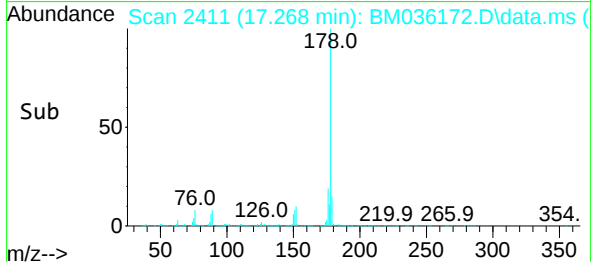
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Tgt Ion:178 Resp: 1115518
Ion Ratio Lower Upper
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176 19.3 15.4 23.0
179 15.3 12.4 18.6

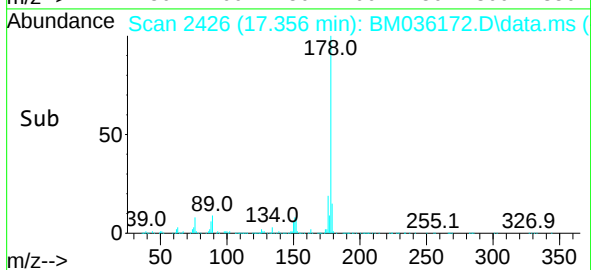
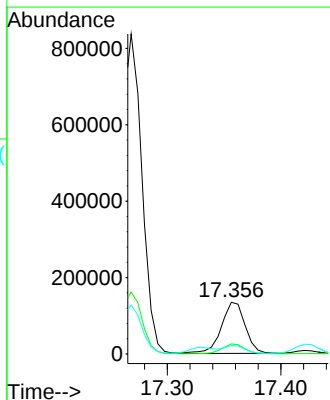
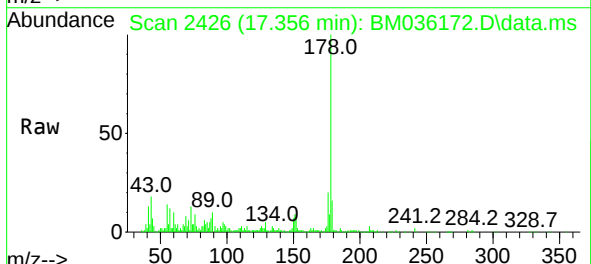
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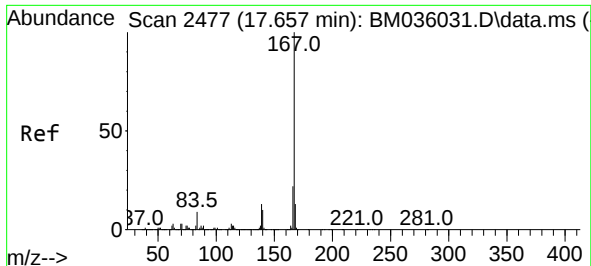
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#72
Anthracene
Concen: 4.380 ng
RT: 17.356 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

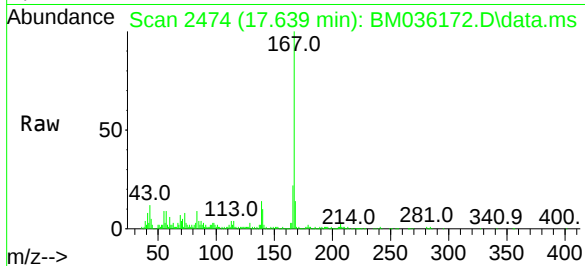
Tgt Ion:178 Resp: 194289
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.3 12.2 18.2





#73
 Carbazole
 Concen: 5.268 ng
 RT: 17.639 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM036172.D
 Acq: 09 Aug 2022 13:07

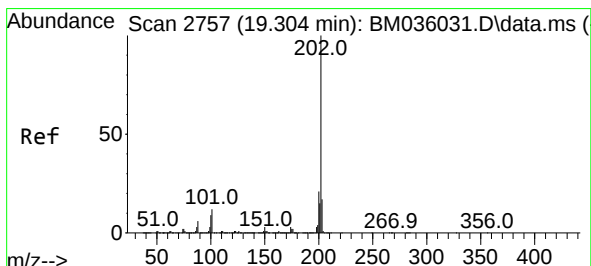
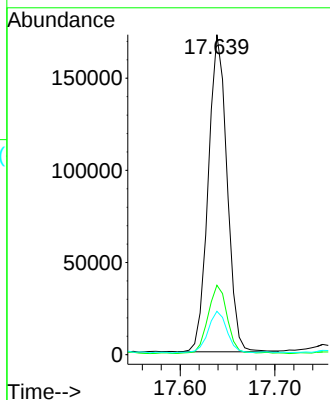
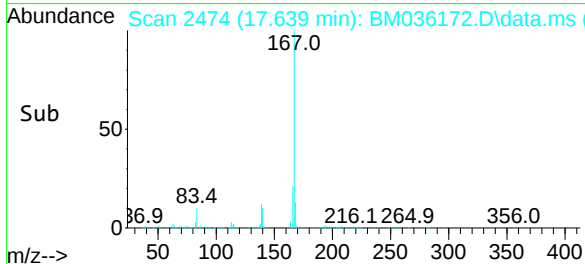
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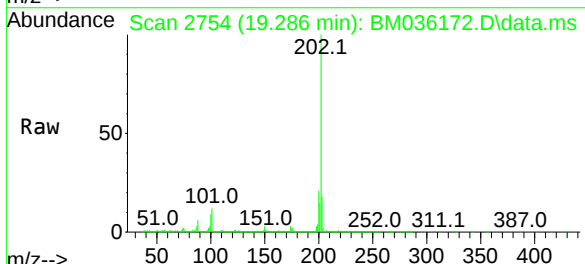
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 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

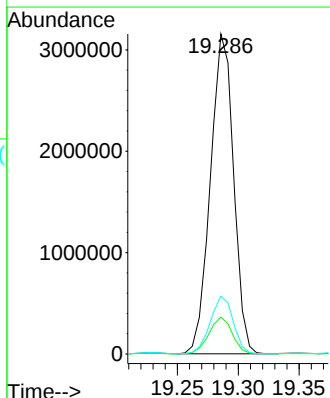
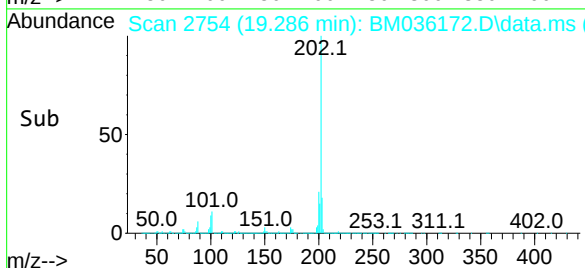
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

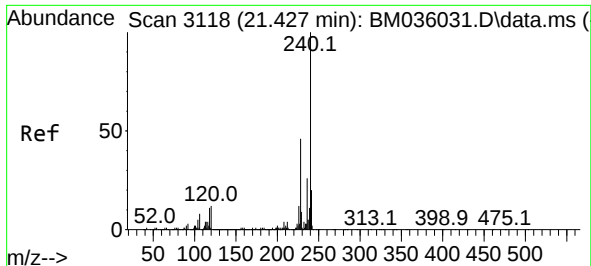


#75
 Fluoranthene
 Concen: 81.670 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. -0.006 min
 Lab File: BM036172.D
 Acq: 09 Aug 2022 13:07



Tgt Ion:202 Resp: 4188281
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.6
 203 18.1 0.0 37.4





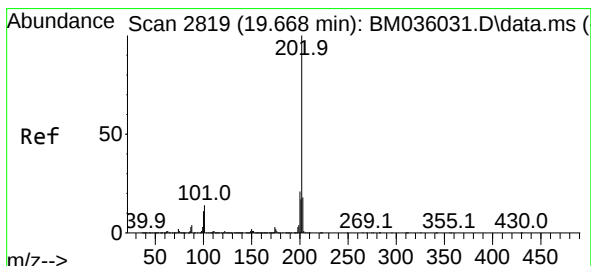
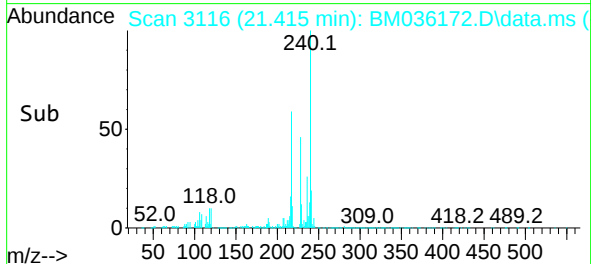
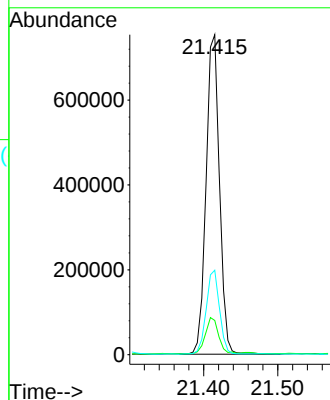
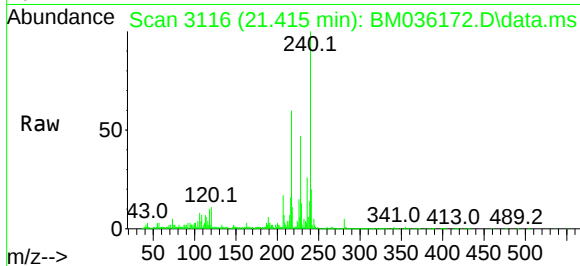
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

Instrument :
BNA_M
ClientSampleId :
RVE-205

Tgt Ion:240 Resp: 948858
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.0
236 26.4 20.6 30.8

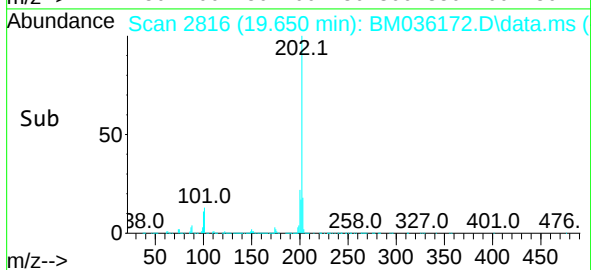
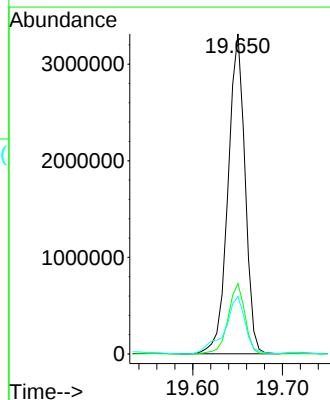
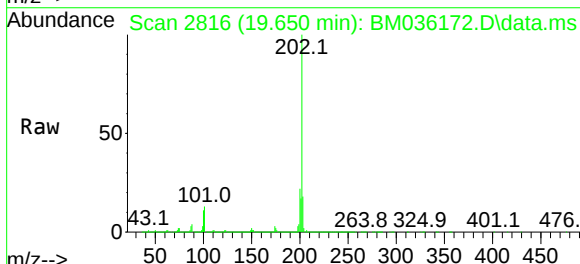
Manual Integrations
APPROVED

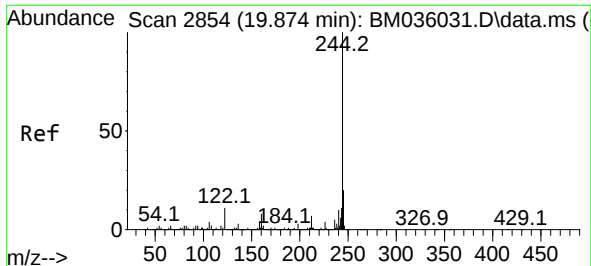
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#78
Pyrene
Concen: 74.098 ng
RT: 19.650 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

Tgt Ion:202 Resp: 4359805
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 18.0 13.9 20.9





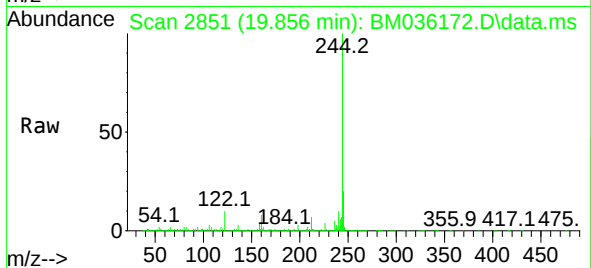
#79
 Terphenyl-d14
 Concen: 83.909 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM036172.D
 Acq: 09 Aug 2022 13:07

Instrument :

BNA_M

ClientSampleId :

RVE-205

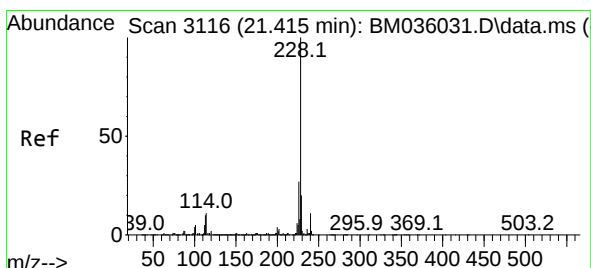
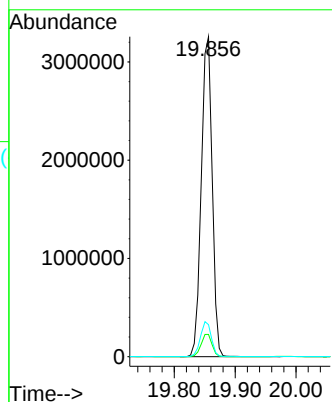
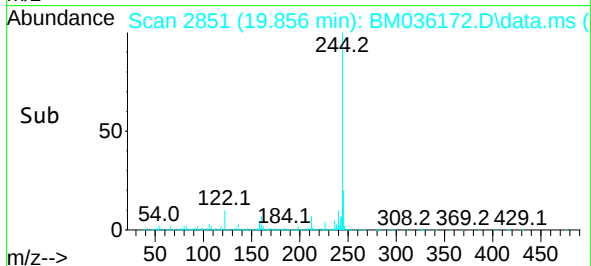


Tgt Ion:244 Resp: 403652
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 10.0 8.3 12.5

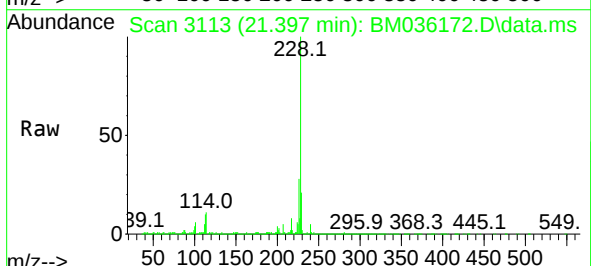
Manual Integrations

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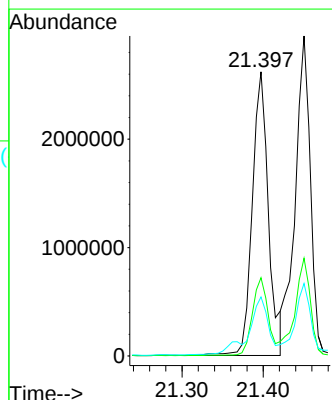
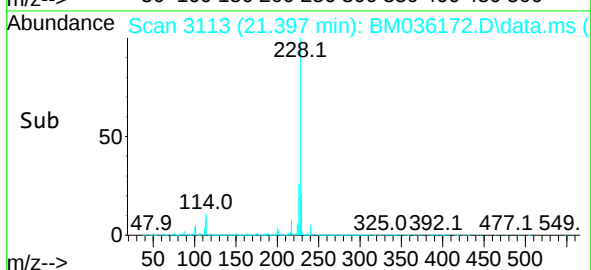
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

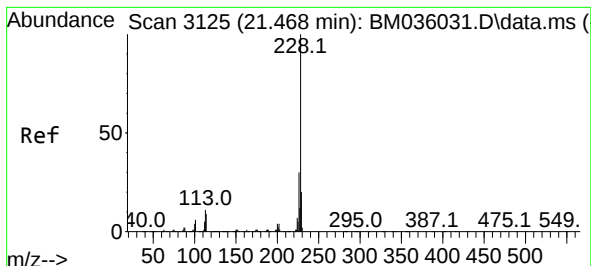


#81
 Benzo(a)anthracene
 Concen: 62.062 ng
 RT: 21.397 min Scan# 3113
 Delta R.T. -0.006 min
 Lab File: BM036172.D
 Acq: 09 Aug 2022 13:07



Tgt Ion:228 Resp: 3627141
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.3 33.5
 229 20.8 15.8 23.6





#83

Chrysene

Concen: 68.872 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036172.D

Acq: 09 Aug 2022 13:07

Instrument :

BNA_M

ClientSampleId :

RVE-205

Tgt Ion:228 Resp: 3826240

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

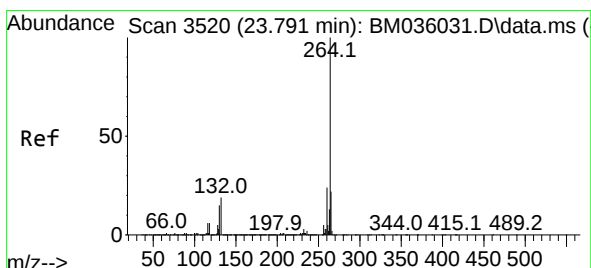
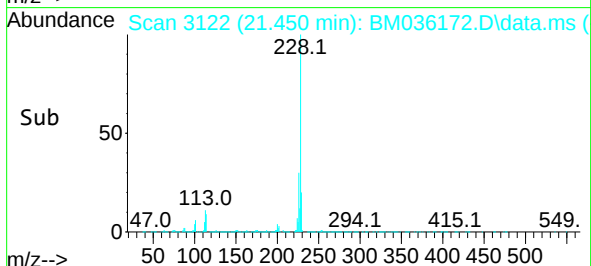
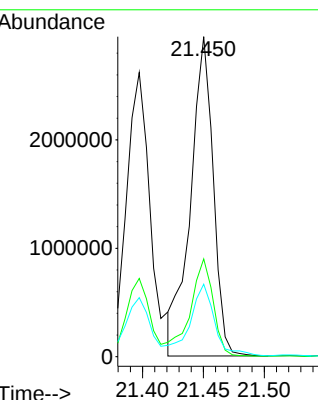
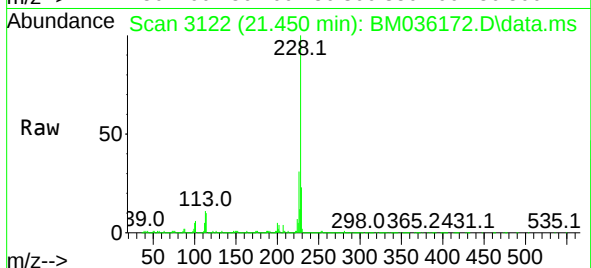
229 22.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BM036172.D

Acq: 09 Aug 2022 13:07

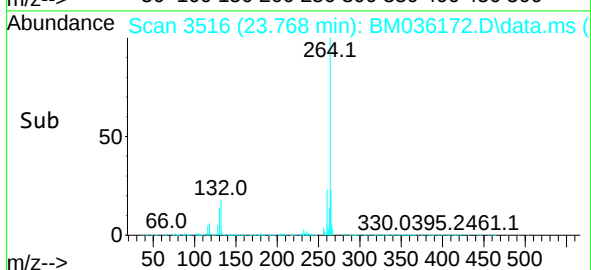
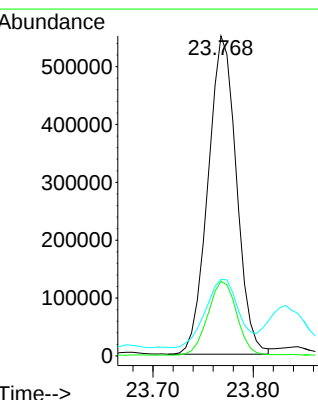
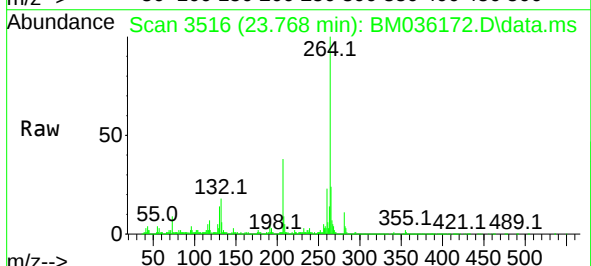
Tgt Ion:264 Resp: 1080983

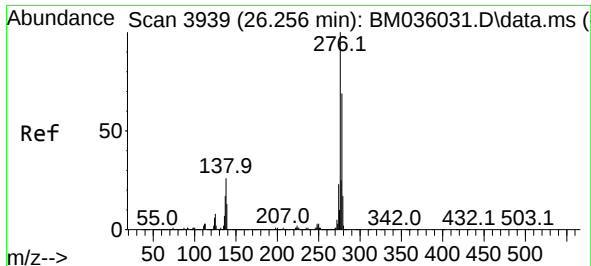
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

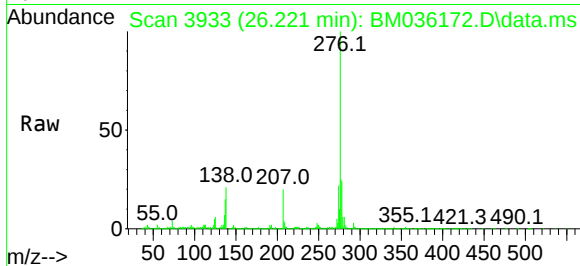
265 23.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.498 ng
RT: 26.221 min Scan# 3933
Delta R.T. -0.012 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

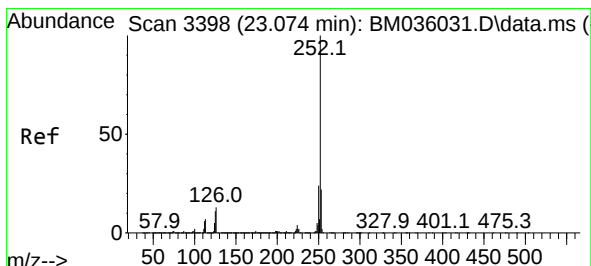
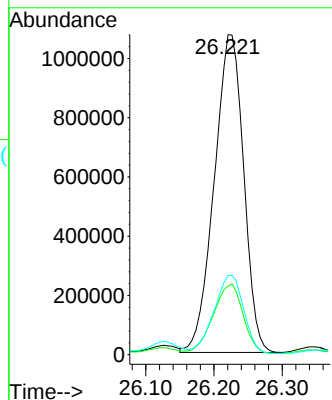
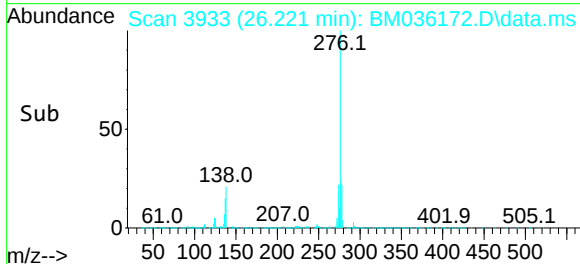
Instrument :
BNA_M
ClientSampleId :
RVE-205



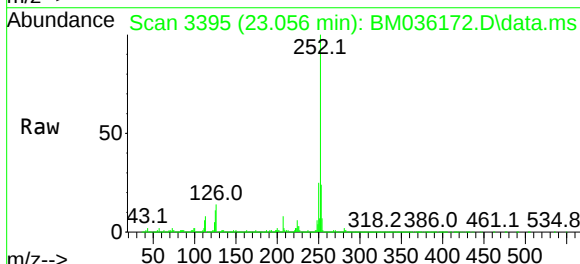
Tgt Ion: 276 Resp: 3228380
Ion Ratio Lower Upper
276 100
138 22.2 20.2 30.4
277 24.9 20.2 30.2

Manual Integrations
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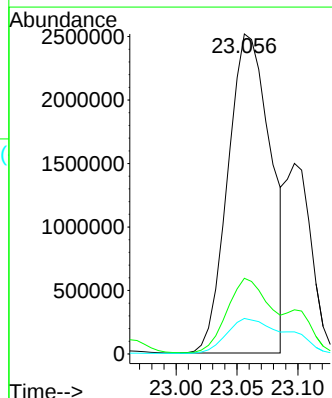
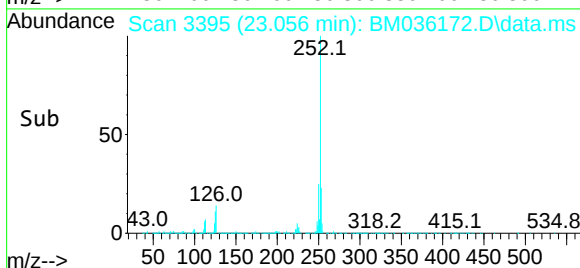
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022

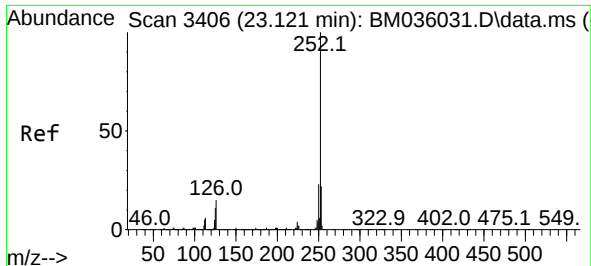


#88
Benzo(b)fluoranthene
Concen: 96.979 ng
RT: 23.056 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07



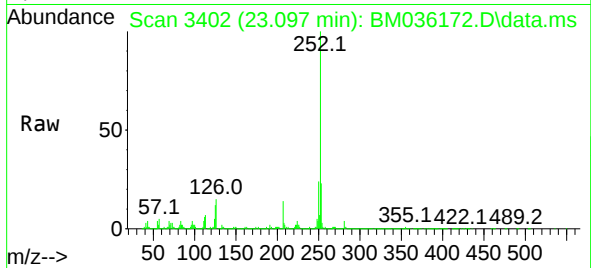
Tgt Ion: 252 Resp: 6142050
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 11.1 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 34.118 ng m
RT: 23.097 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

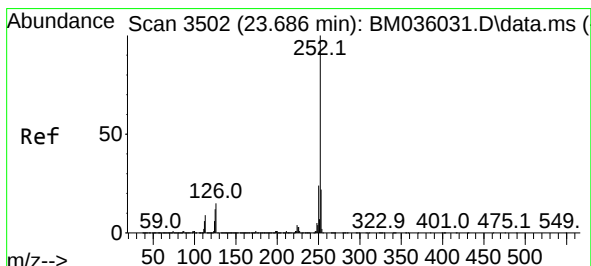
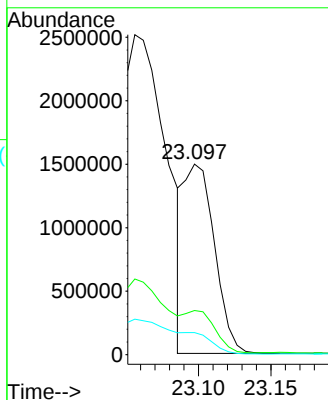
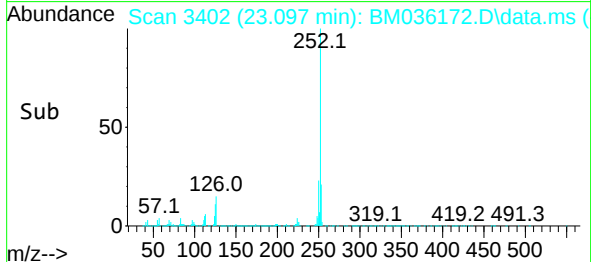
Instrument :
BNA_M
ClientSampleId :
RVE-205



Tgt Ion:252 Resp: 2182448
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 11.6 7.6 11.4

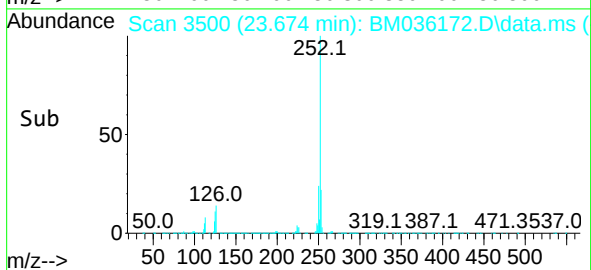
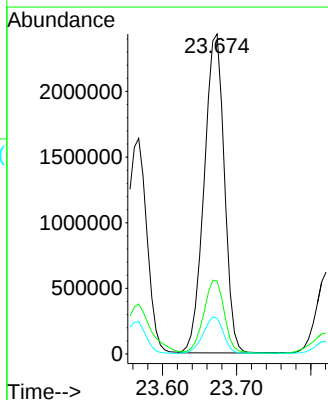
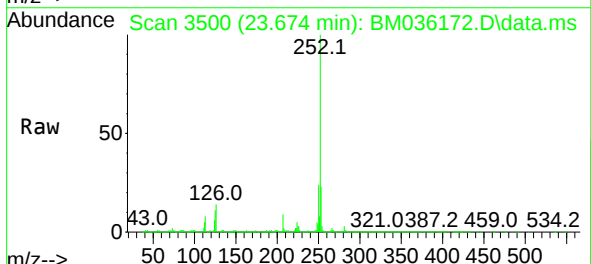
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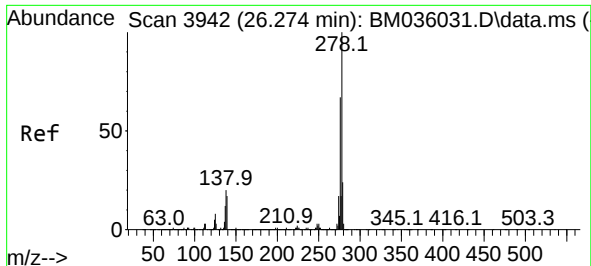
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#90
Benzo(a)pyrene
Concen: 86.523 ng
RT: 23.674 min Scan# 3500
Delta R.T. -0.000 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

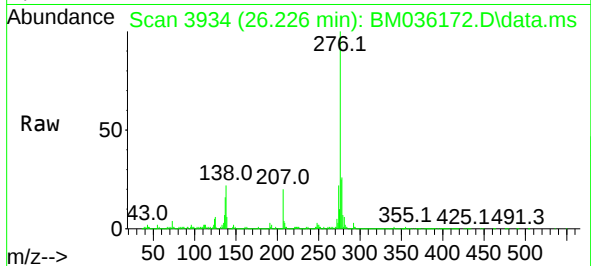
Tgt Ion:252 Resp: 4597748
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.1 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 14.299 ng m
RT: 26.226 min Scan# 3942
Delta R.T. -0.024 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07

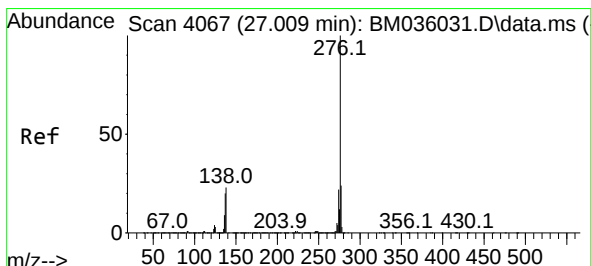
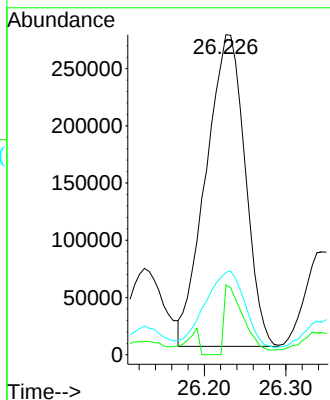
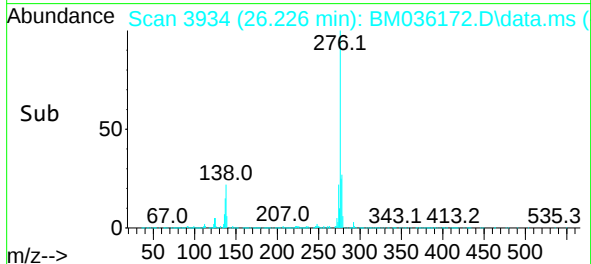
Instrument :
BNA_M
ClientSampleId :
RVE-205



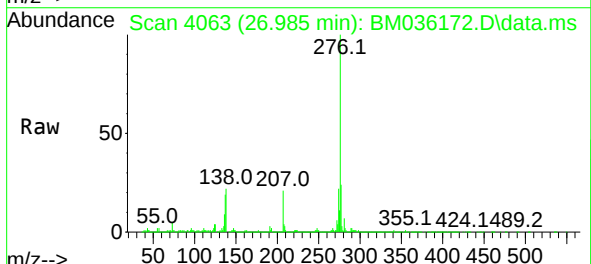
Tgt Ion: 278 Resp: 90926
Ion Ratio Lower Upper
278 100
139 21.8 12.9 19.3
279 25.7 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022



#92
Benzo(g,h,i)perylene
Concen: 54.620 ng
RT: 26.985 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BM036172.D
Acq: 09 Aug 2022 13:07



Tgt Ion: 276 Resp: 3362346
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 22.3 17.6 26.4

