

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
 Data File : BM036176.D
 Acq On : 09 Aug 2022 15:38
 Operator : CG/JU
 Sample : N3963-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-207

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 03:34:07 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	244188	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	962248	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	531726	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1057778	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1057018	20.000	ng	-0.01
86) Perylene-d12	23.768	264	1137218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1653737	109.798	ng	0.00
7) Phenol-d6	7.051	99	2049358	106.933	ng	-0.01
23) Nitrobenzene-d5	9.016	82	1229656	71.533	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	729779	116.992	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2629433	73.013	ng	-0.01
79) Terphenyl-d14	19.856	244	3878260	72.370	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.268	178	172050	3.193	ng	99
75) Fluoranthene	19.286	202	535232	8.873	ng	99
78) Pyrene	19.650	202	542644	8.279	ng	99
81) Benzo(a)anthracene	21.397	228	349721	5.372	ng	98
83) Chrysene	21.444	228	397753	6.427	ng	97
87) Indeno(1,2,3-cd)pyrene	26.209	276	339426	4.247	ng	97
88) Benzo(b)fluoranthene	23.050	252	624906	9.379	ng	# 95
89) Benzo(k)fluoranthene	23.091	252	213387m	3.171	ng	
90) Benzo(a)pyrene	23.662	252	433284	7.751	ng	# 93
92) Benzo(g,h,i)perylene	26.968	276	358060	5.529	ng	98

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

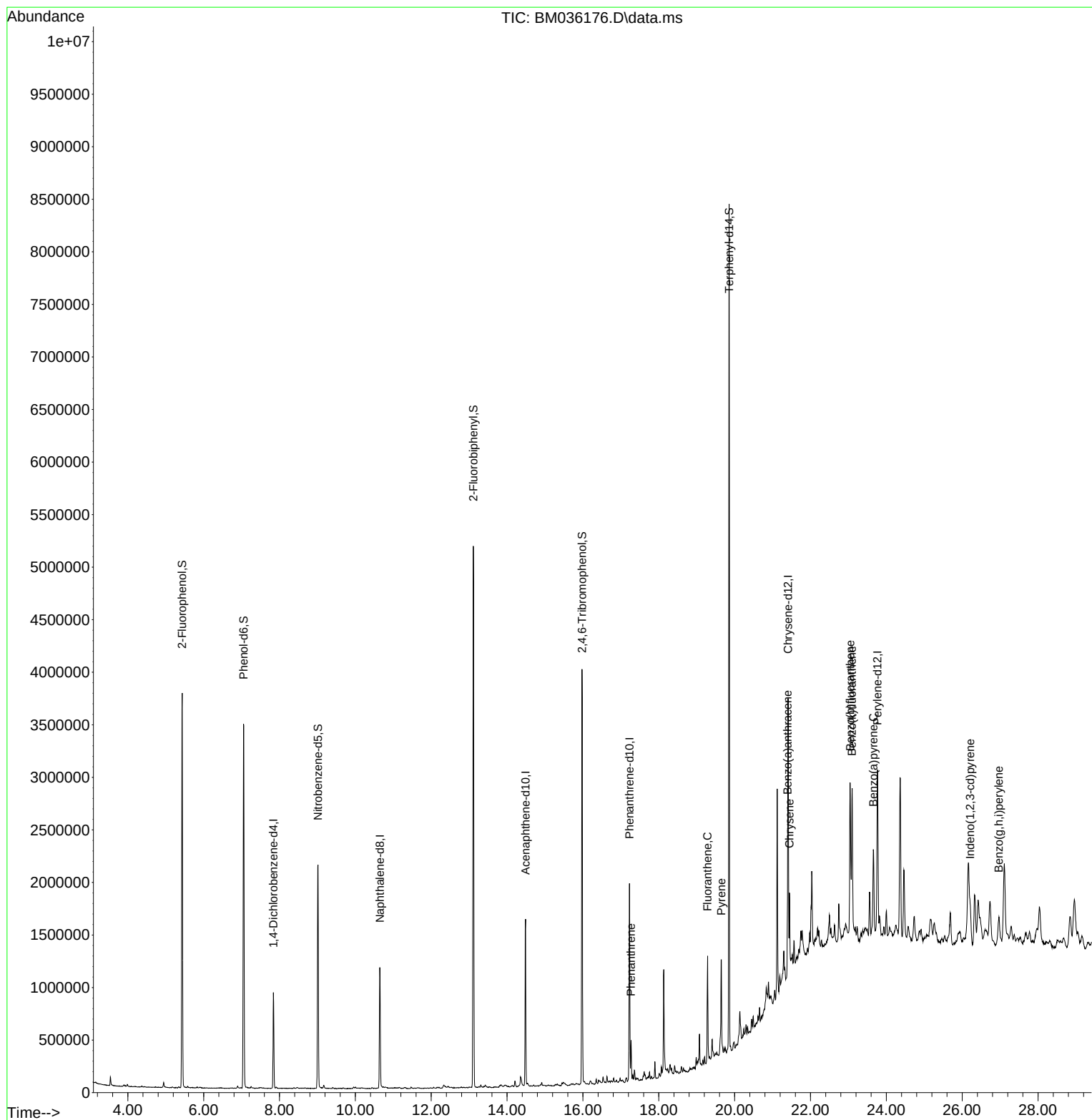
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036176.D
Acq On : 09 Aug 2022 15:38
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

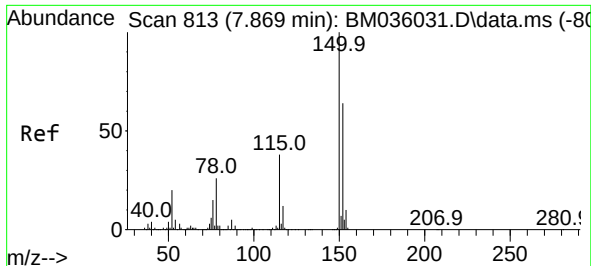
Instrument :
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ClientSampleId :
RVE-207

Quant Time: Aug 10 03:34:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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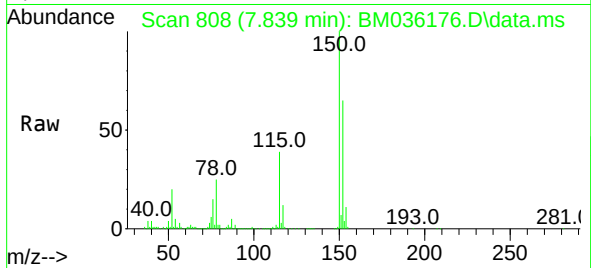
Reviewed By : Christian Giraldo 08/10/2022
Supervised By : Jagrut Upadhyay 08/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

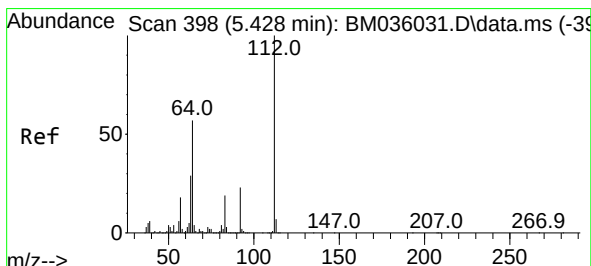
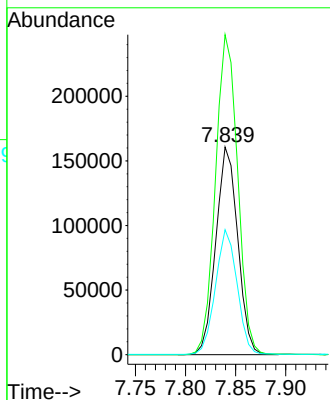
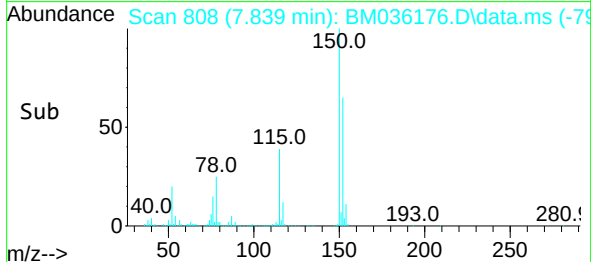
Instrument :
BNA_M
ClientSampleId :
RVE-207



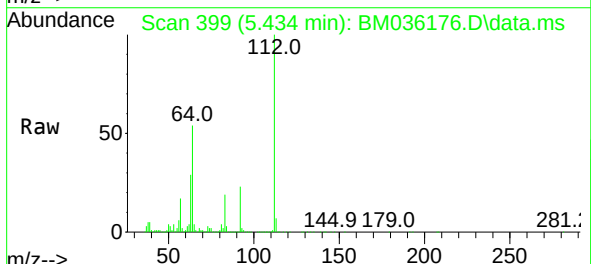
Tgt Ion:152 Resp: 244188
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 60.2 47.9 71.9

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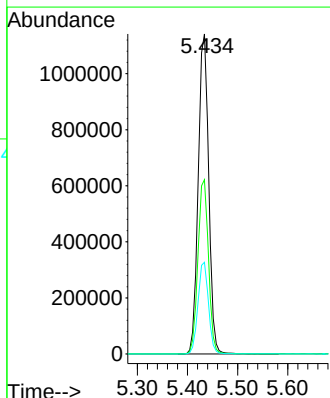
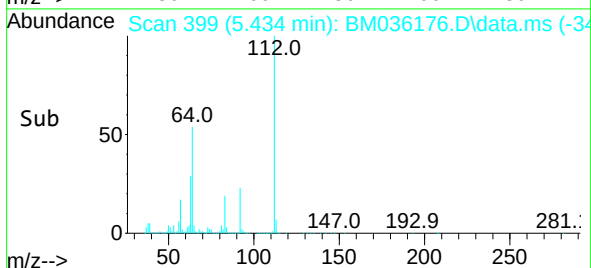
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

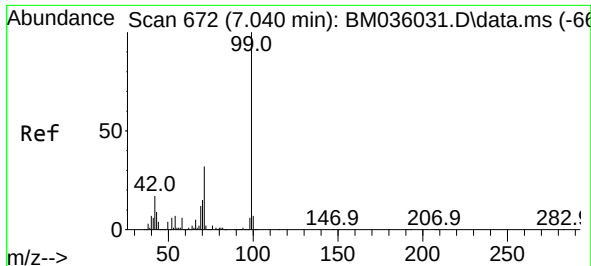


#5
2-Fluorophenol
Concen: 109.798 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



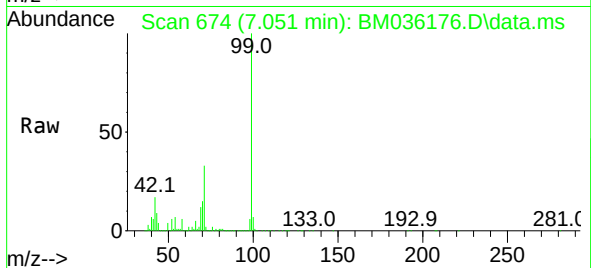
Tgt Ion:112 Resp: 1653737
Ion Ratio Lower Upper
112 100
64 54.4 47.8 71.6
63 28.6 26.6 40.0





#7
Phenol-d6
Concen: 106.933 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

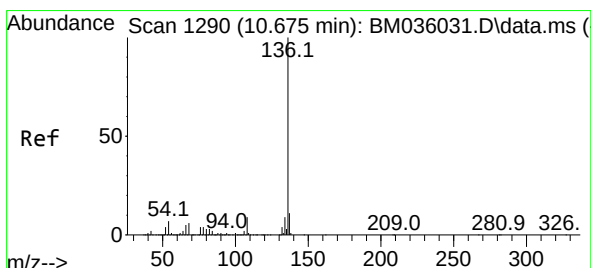
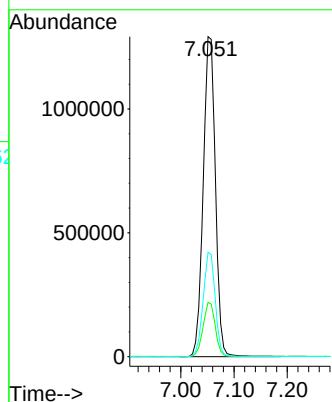
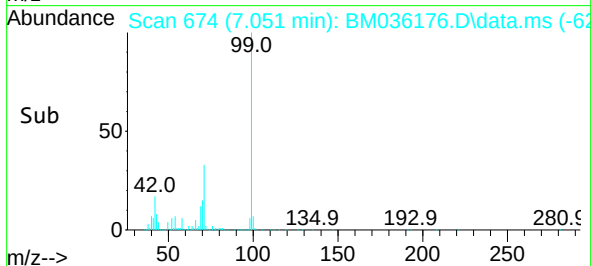
Instrument :
BNA_M
ClientSampleId :
RVE-207



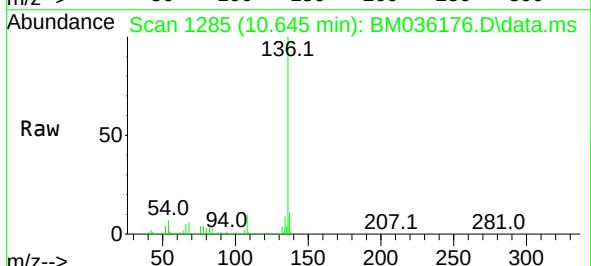
Tgt Ion: 99 Resp: 204935
Ion Ratio Lower Upper
99 100
42 16.9 18.8 28.2
71 32.6 30.2 45.2

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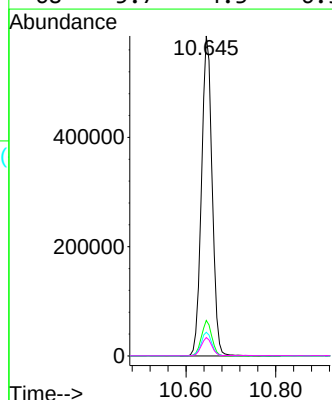
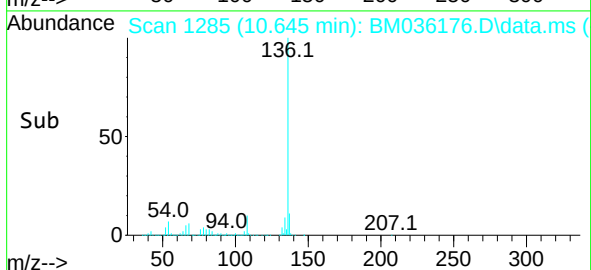
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

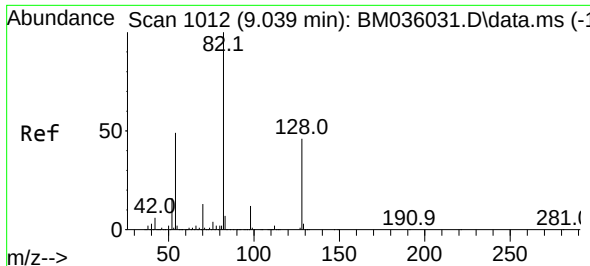


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



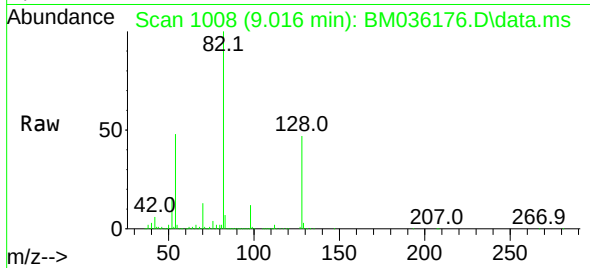
Tgt Ion:136 Resp: 962248
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 71.533 ng
RT: 9.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

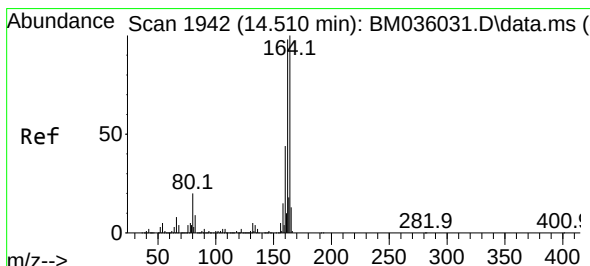
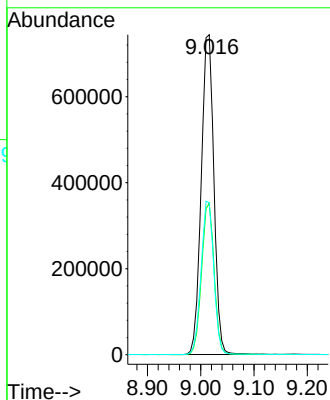
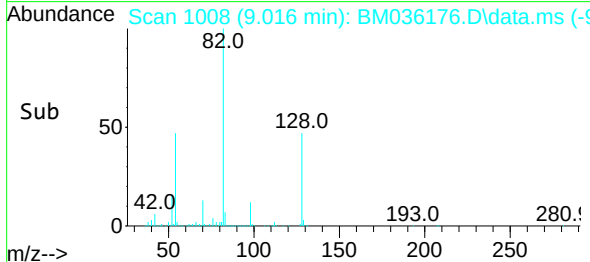
Instrument :
BNA_M
ClientSampleId :
RVE-207



Tgt Ion: 82 Resp: 1229650
Ion Ratio Lower Upper
82 100
128 47.3 33.7 50.5
54 47.5 43.2 64.8

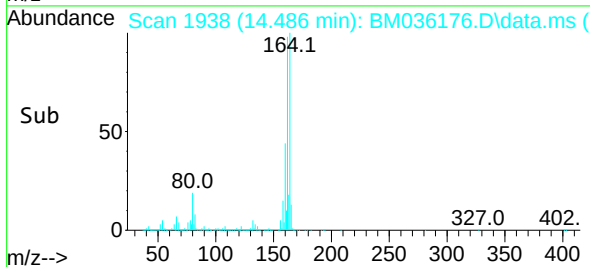
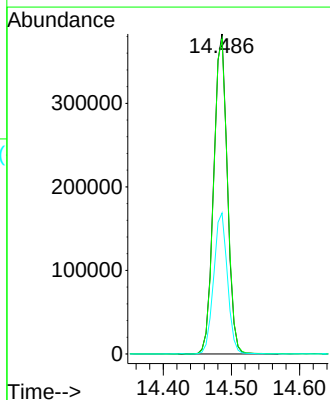
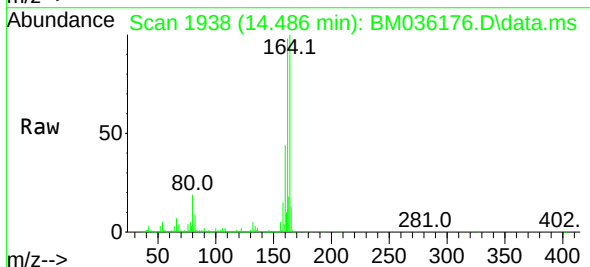
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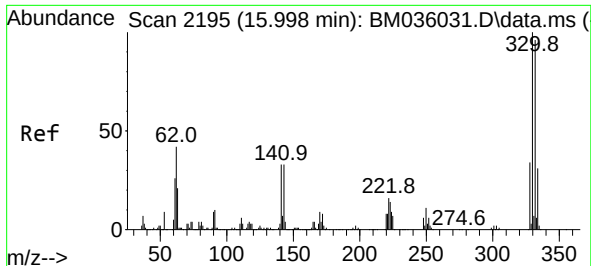
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

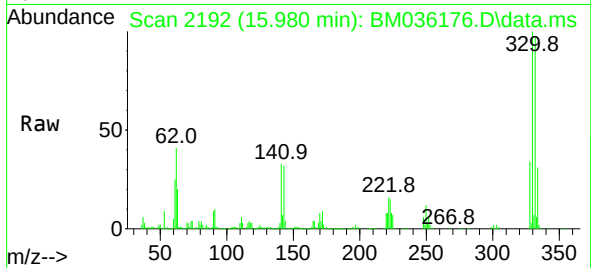
Tgt Ion:164 Resp: 531726
Ion Ratio Lower Upper
164 100
162 98.4 83.0 124.6
160 44.1 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 116.992 ng
RT: 15.980 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

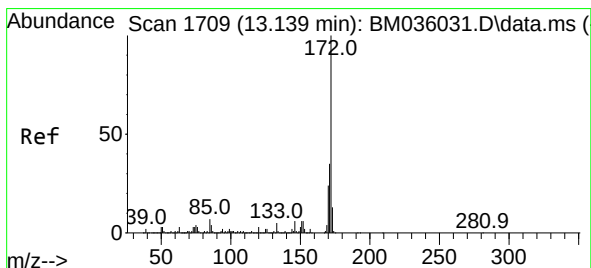
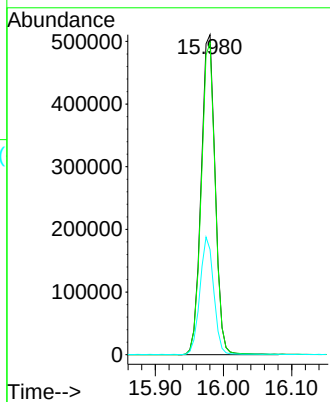
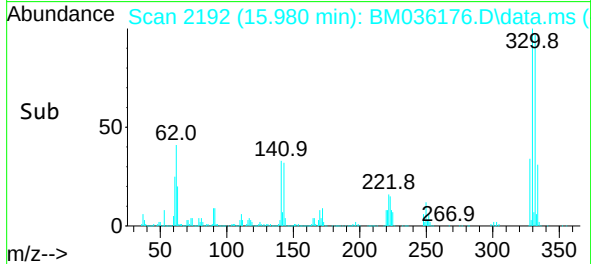
Instrument :
BNA_M
ClientSampleId :
RVE-207



Tgt Ion:330 Resp: 729775
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 36.1 35.3 52.9

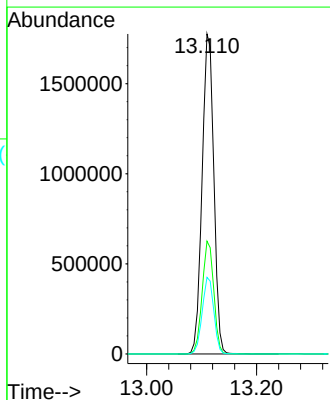
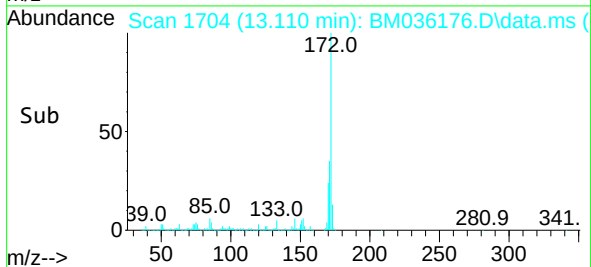
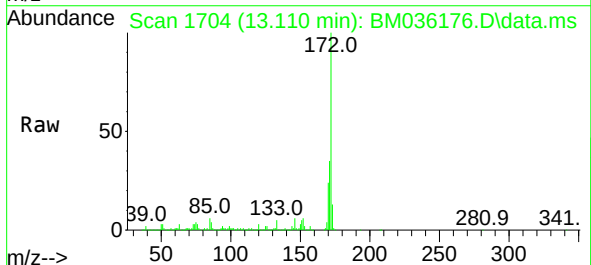
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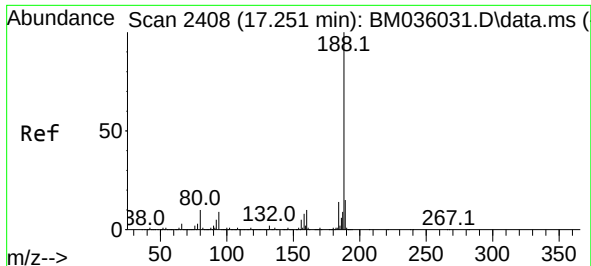
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 73.013 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

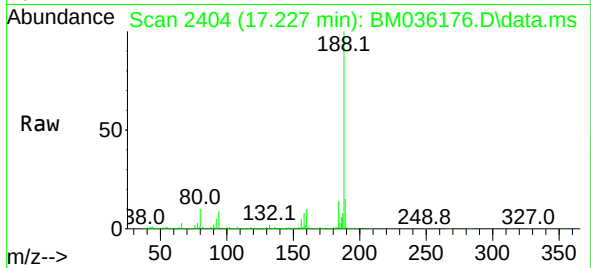
Tgt Ion:172 Resp: 2629433
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

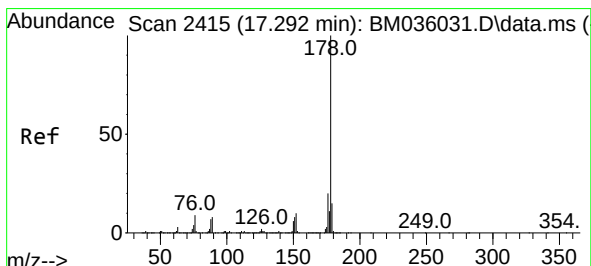
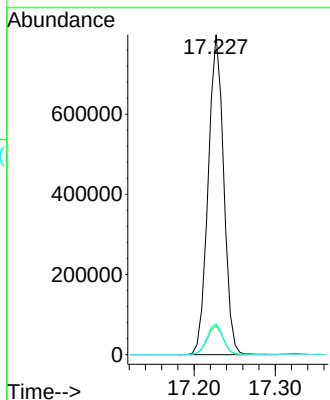
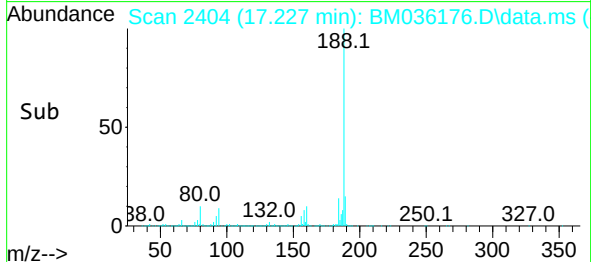
Instrument :
BNA_M
ClientSampleId :
RVE-207



Tgt Ion:188 Resp: 1057778
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.7 7.6 11.4

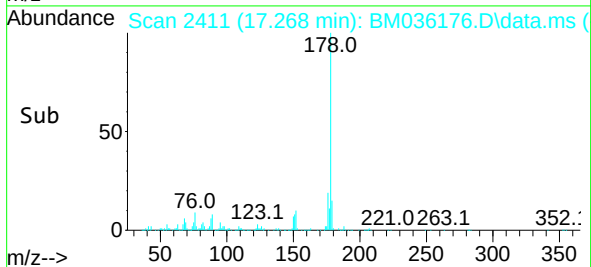
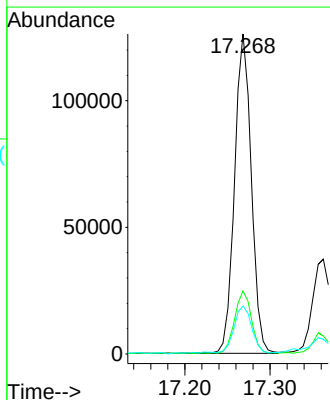
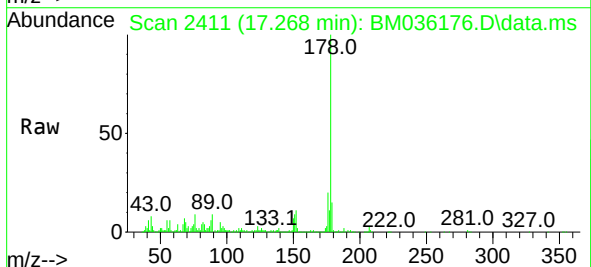
Manual Integrations
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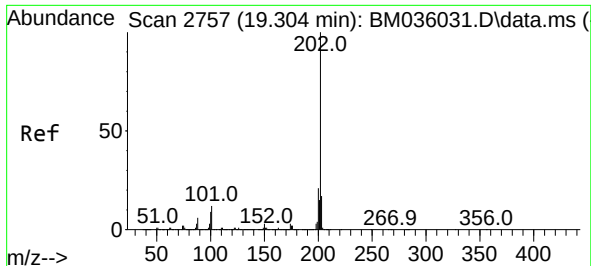
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#71
Phenanthrene
Concen: 3.193 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

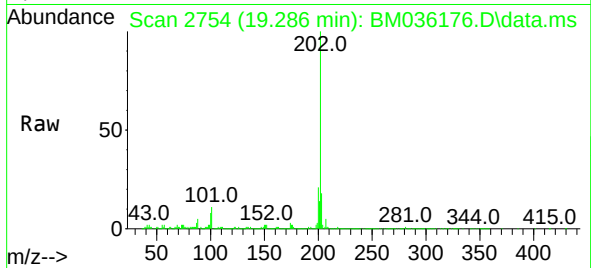
Tgt Ion:178 Resp: 172050
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.0 12.4 18.6





#75
Fluoranthene
Concen: 8.873 ng
RT: 19.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

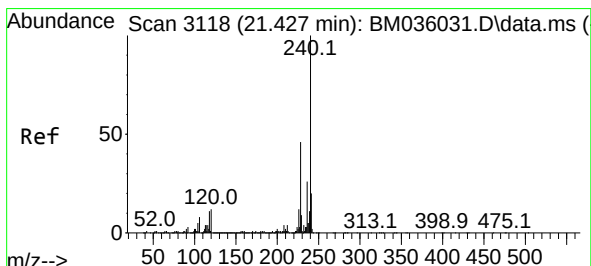
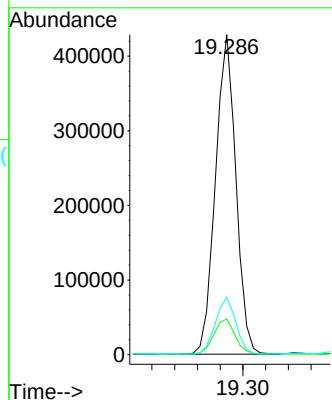
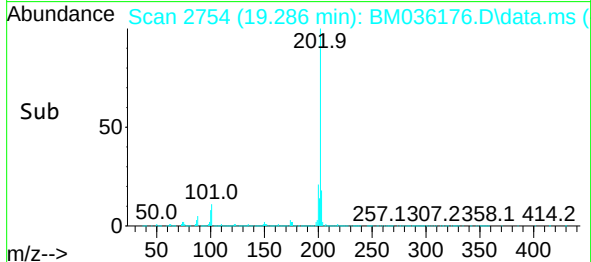
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RVE-207



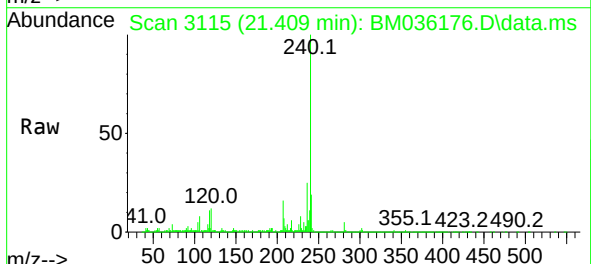
Tgt Ion:202 Resp: 53523
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.6
203 17.9 0.0 37.4

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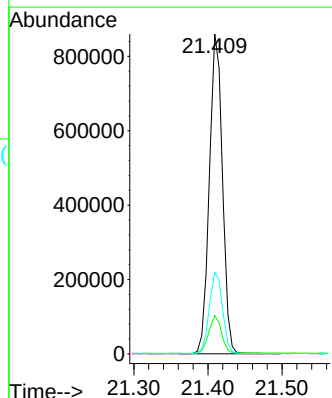
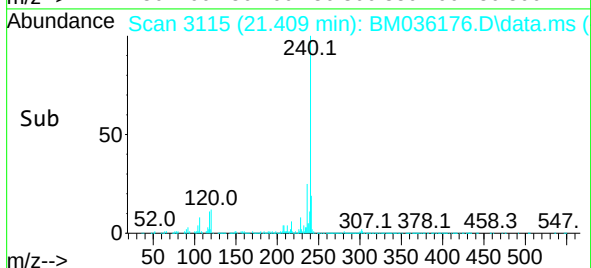
Reviewed By :Christian Giraldo 08/10/2022
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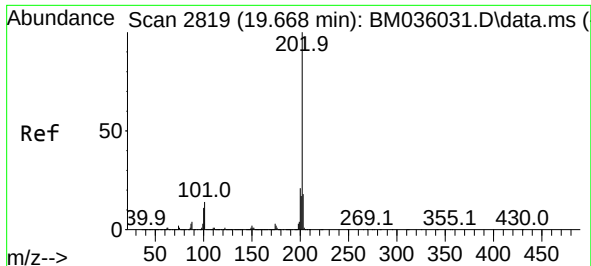


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



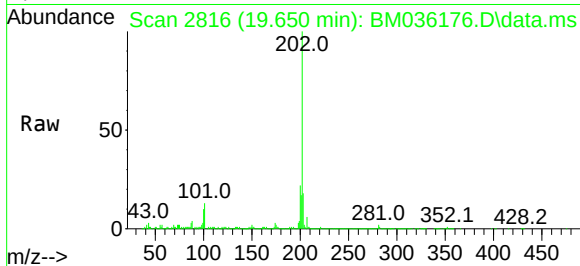
Tgt Ion:240 Resp: 1057018
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.0
236 25.5 20.6 30.8





#78
Pyrene
Concen: 8.279 ng
RT: 19.650 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

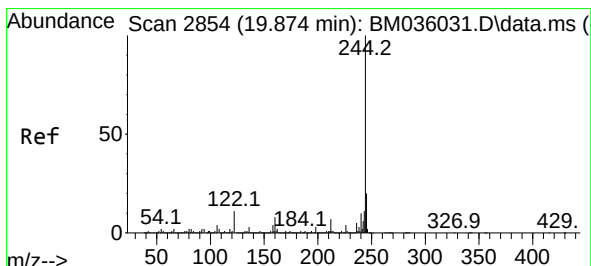
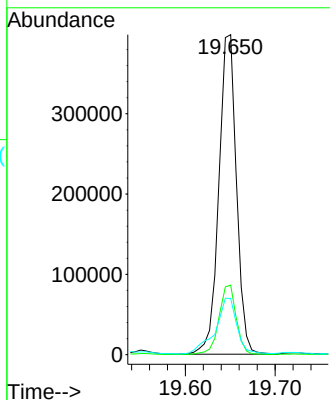
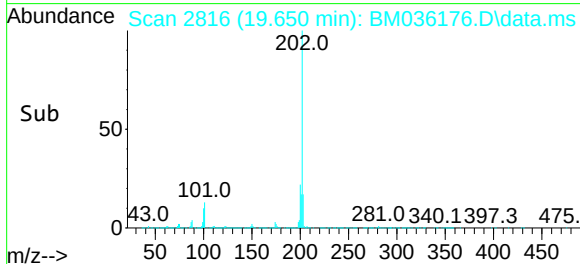
Instrument :
BNA_M
ClientSampleId :
RVE-207



Tgt Ion:202 Resp: 542644
Ion Ratio Lower Upper
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203 17.5 13.9 20.9

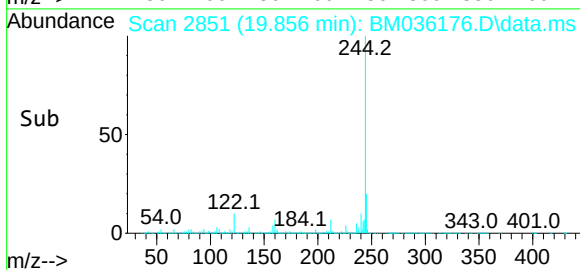
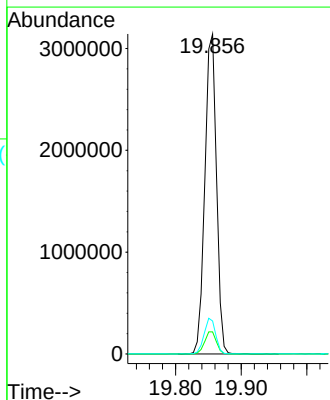
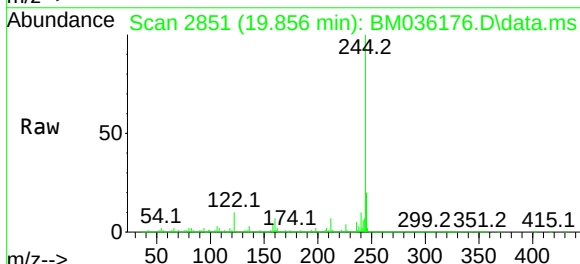
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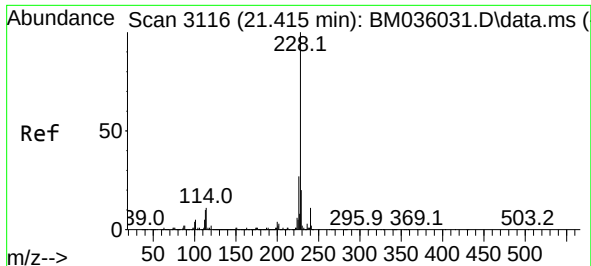
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#79
Terphenyl-d14
Concen: 72.370 ng
RT: 19.856 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

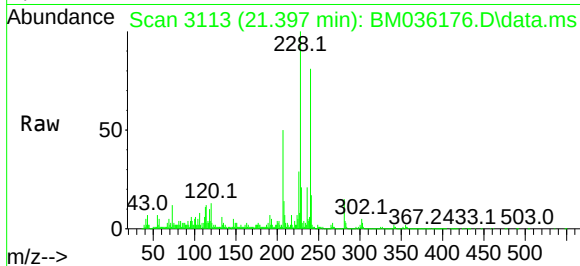
Tgt Ion:244 Resp: 3878260
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.4
122 10.3 8.3 12.5





#81
Benzo(a)anthracene
Concen: 5.372 ng
RT: 21.397 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

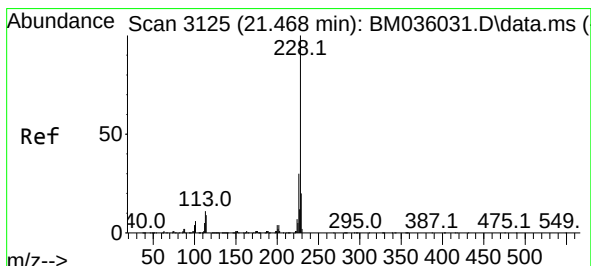
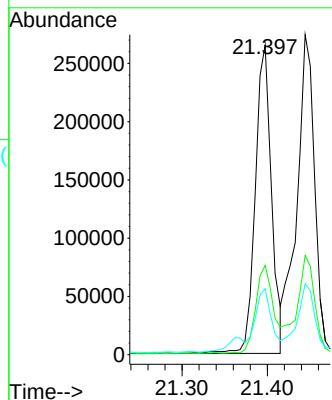
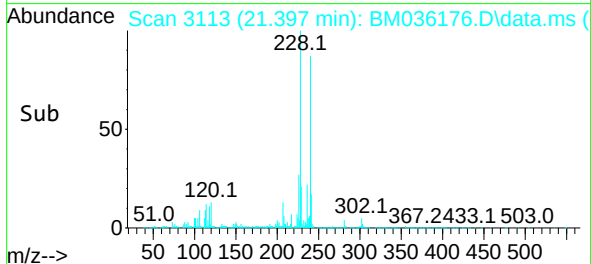
Instrument :
BNA_M
ClientSampleId :
RVE-207



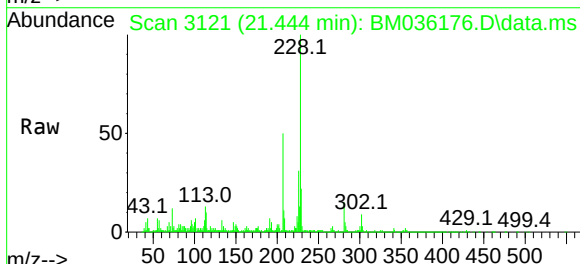
Tgt Ion:228 Resp: 34972
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 21.3 15.8 23.6

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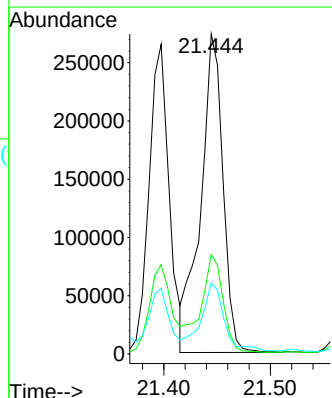
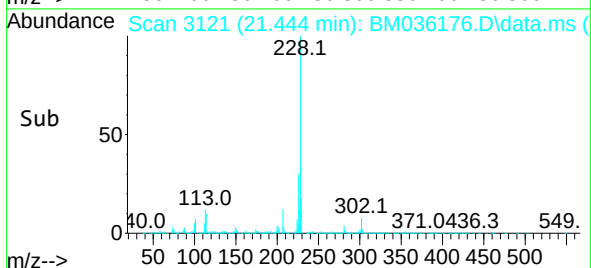
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

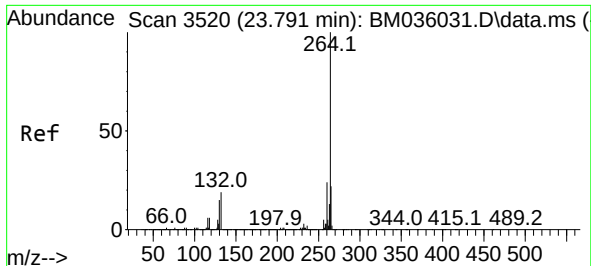


#83
Chrysene
Concen: 6.427 ng
RT: 21.444 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



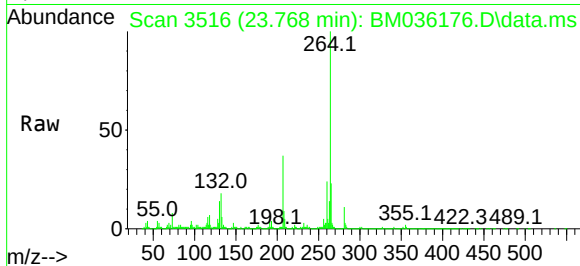
Tgt Ion:228 Resp: 397753
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 22.2 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

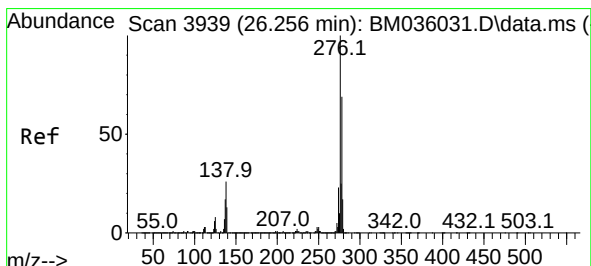
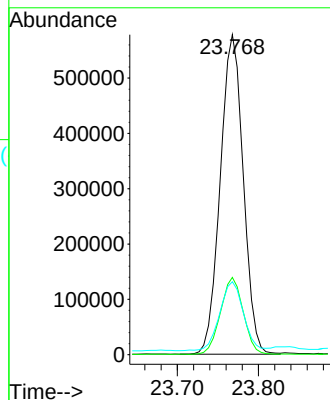
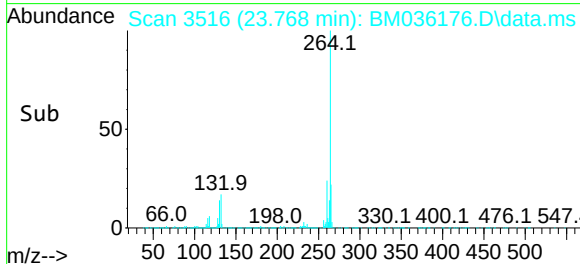
Instrument :
BNA_M
ClientSampleId :
RVE-207



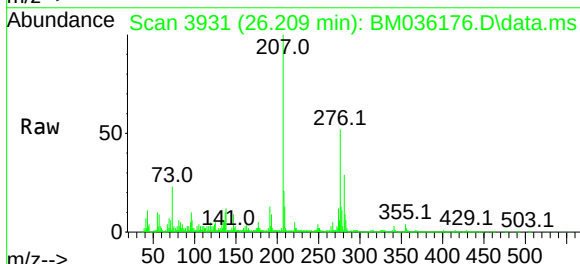
Tgt Ion:264 Resp: 1137218
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 22.8 17.5 26.3

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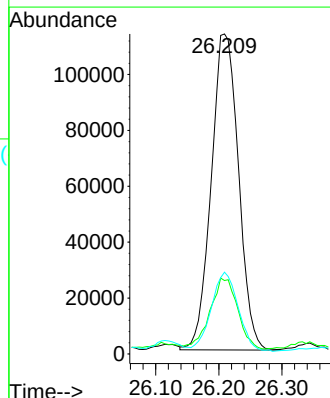
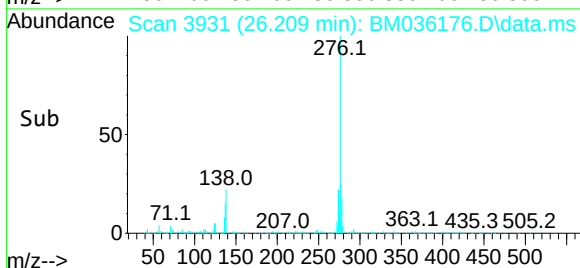
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

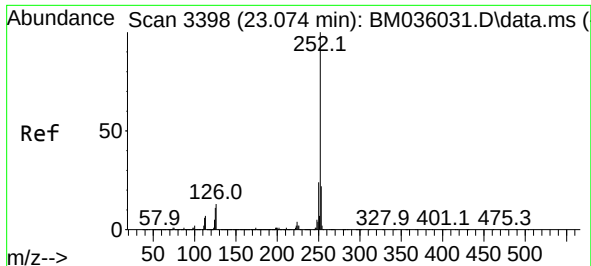


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.247 ng
RT: 26.209 min Scan# 3931
Delta R.T. -0.023 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



Tgt Ion:276 Resp: 339426
Ion Ratio Lower Upper
276 100
138 22.6 20.2 30.4
277 24.7 20.2 30.2





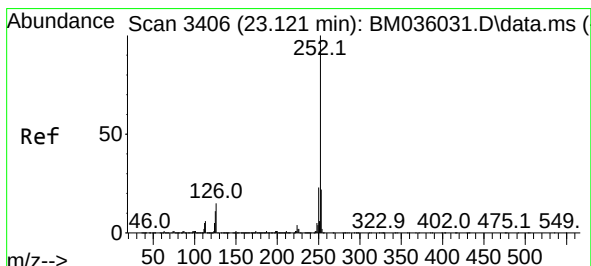
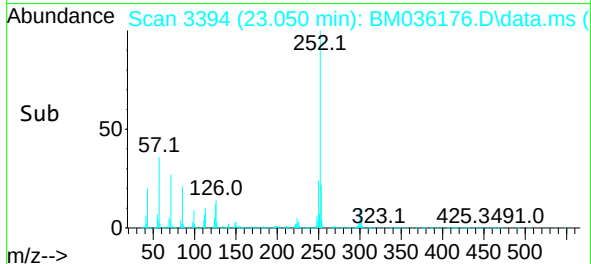
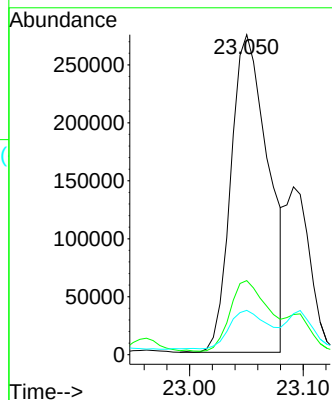
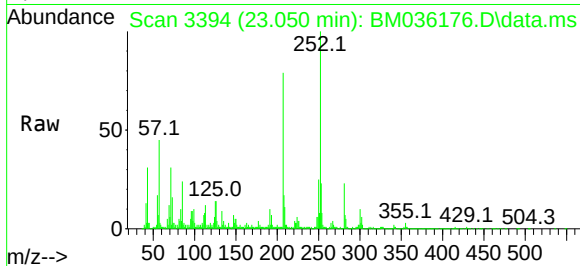
#88
Benzo(b)fluoranthene
Concen: 9.379 ng
RT: 23.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

Instrument :
BNA_M
ClientSampleId :
RVE-207

Tgt Ion:252 Resp: 624900
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 13.9 7.6 11.4

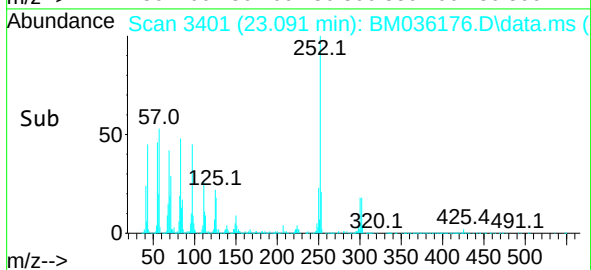
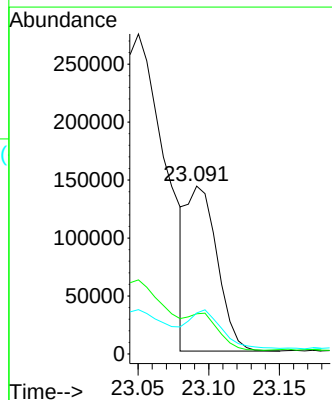
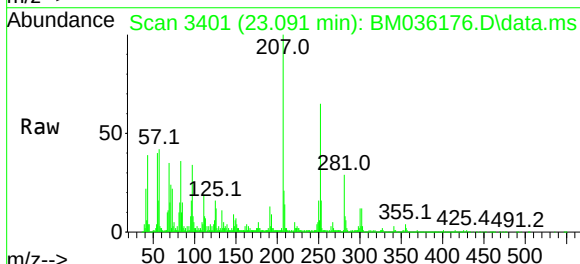
Manual Integrations
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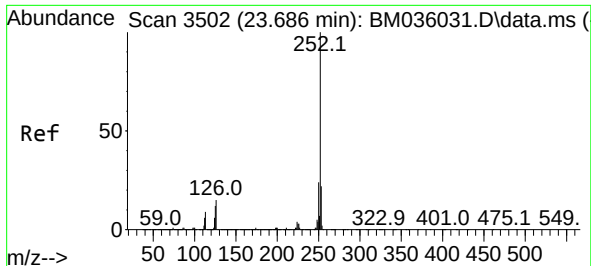
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#89
Benzo(k)fluoranthene
Concen: 3.171 ng m
RT: 23.091 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

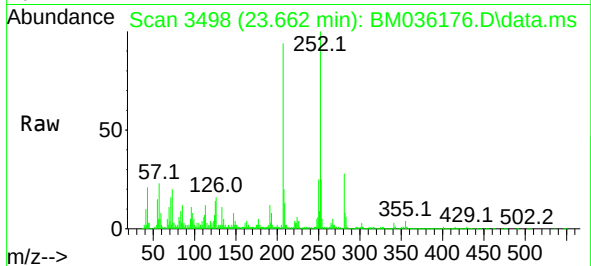
Tgt Ion:252 Resp: 213387
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 24.4 7.6 11.4





#90
Benzo(a)pyrene
Concen: 7.751 ng
RT: 23.662 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38

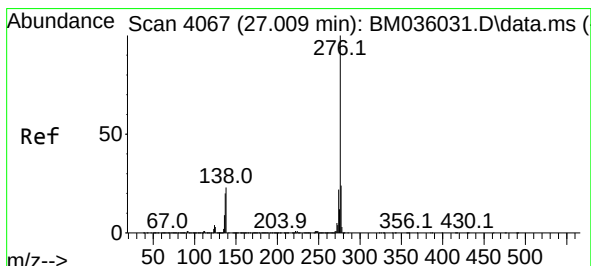
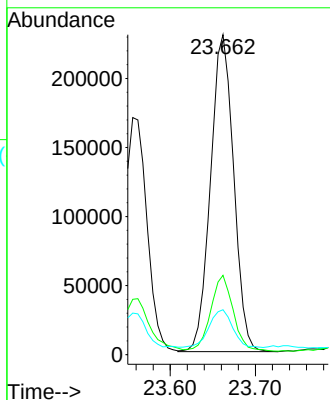
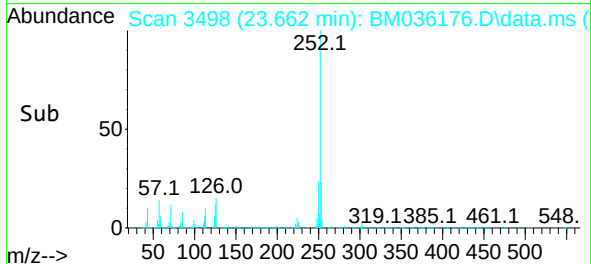
Instrument :
BNA_M
ClientSampleId :
RVE-207



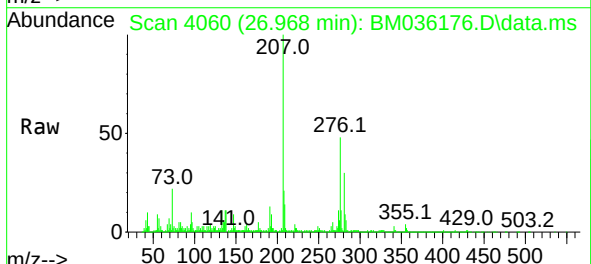
Tgt Ion:252 Resp: 433284
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 14.1 8.7 13.1

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



#92
Benzo(g,h,i)perylene
Concen: 5.529 ng
RT: 26.968 min Scan# 4060
Delta R.T. -0.023 min
Lab File: BM036176.D
Acq: 09 Aug 2022 15:38



Tgt Ion:276 Resp: 358060
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 23.2 17.6 26.4

