

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034346.D
 Acq On : 23 Mar 2022 19:33
 Operator : CG/JU
 Sample : N1958-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-1-0-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/24/2022
 Supervised By : Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 02:43:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	168746	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	677989	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	403303	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	771427	20.000	ng	0.00
76) Chrysene-d12	21.489	240	740111	20.000	ng	0.00
86) Perylene-d12	23.900	264	810788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	191496	20.358	ng	0.00
7) Phenol-d6	7.095	99	243522	18.082	ng	0.00
23) Nitrobenzene-d5	9.095	82	157752	11.328	ng	-0.01
42) 2,4,6-Tribromophenol	16.059	330	88262	16.237	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	358379	12.143	ng	-0.01
79) Terphenyl-d14	19.930	244	509155	11.954	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.795	128	122506	3.468	ng	98
71) Phenanthrene	17.353	178	133132	3.082	ng	99
75) Fluoranthene	19.365	202	295827	6.108	ng	96
78) Pyrene	19.730	202	290925	5.579	ng	99
81) Benzo(a)anthracene	21.471	228	157589	3.374	ng	96
83) Chrysene	21.524	228	154472	3.238	ng	98
84) Bis(2-ethylhexyl)phtha...	21.400	149	170233	5.227	ng	98
88) Benzo(b)fluoranthene	23.165	252	229537m	4.734	ng	
90) Benzo(a)pyrene	23.788	252	167163	4.067	ng	# 91
92) Benzo(g,h,i)perylene	27.182	276	135388	3.093	ng	95

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

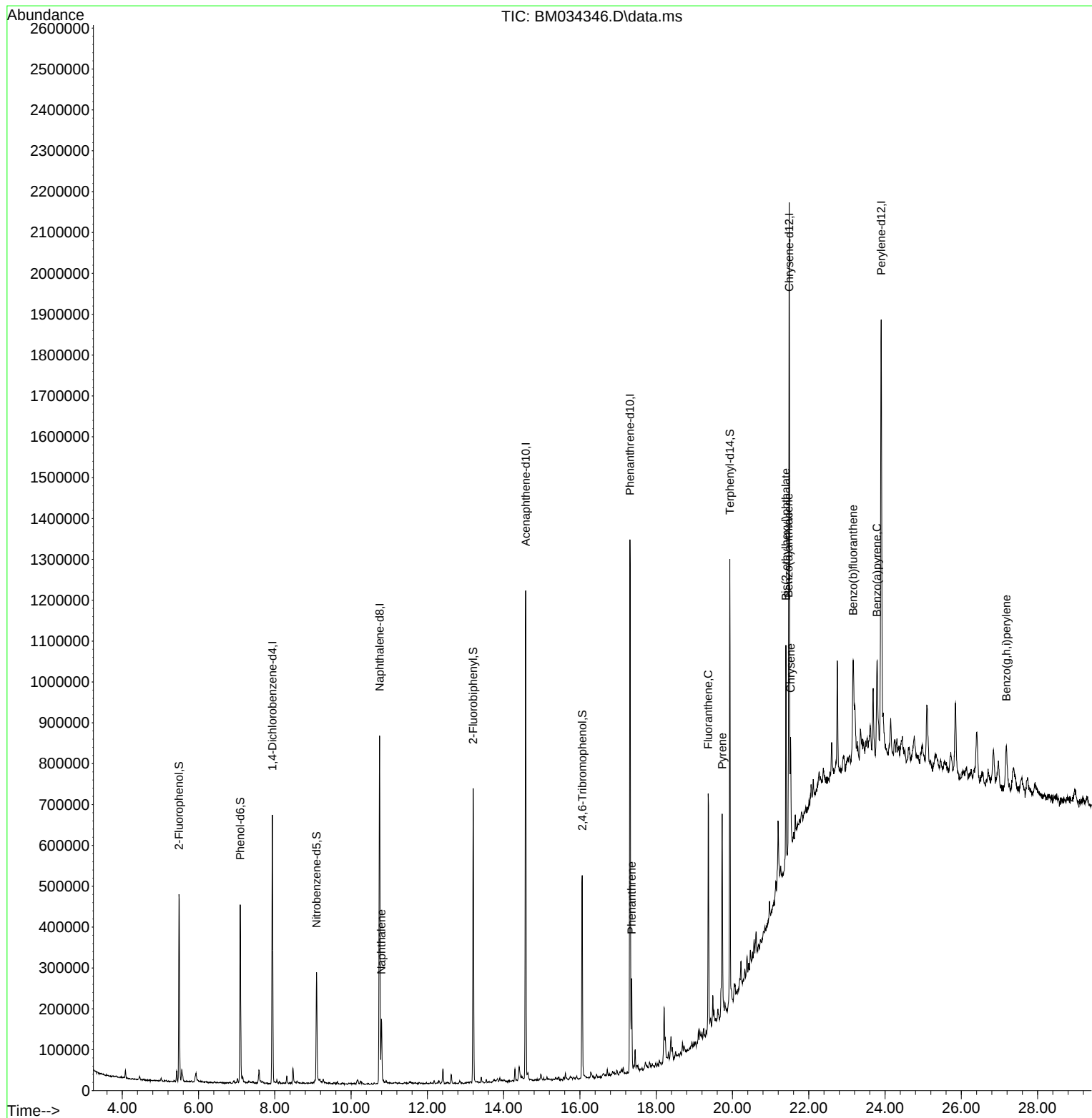
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034346.D
Acq On : 23 Mar 2022 19:33
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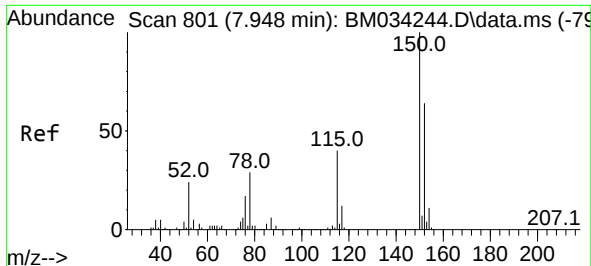
Instrument :
BNA_M
ClientSampleId :
C-1-0-1

Quant Time: Mar 24 02:43:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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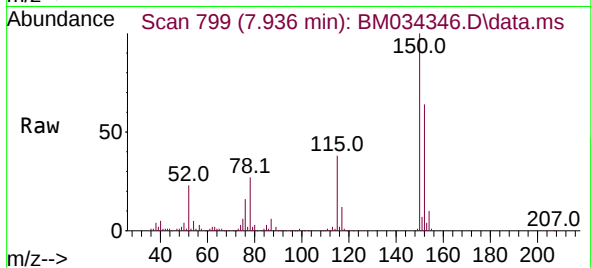
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

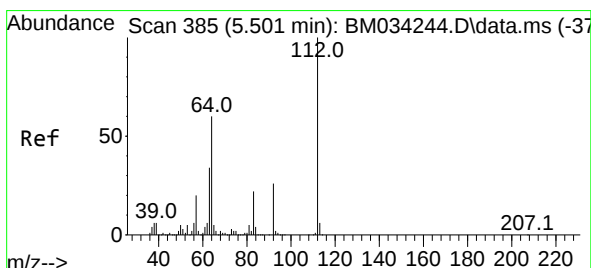
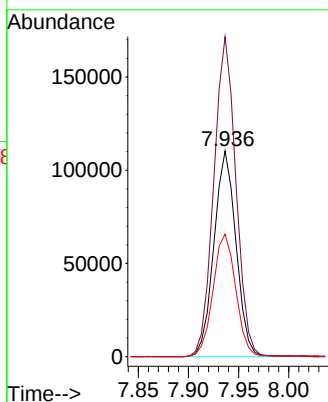
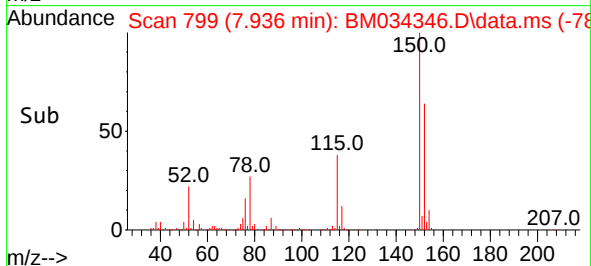
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



Tgt Ion:152 Resp: 168746
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.2
115 59.6 50.1 75.1

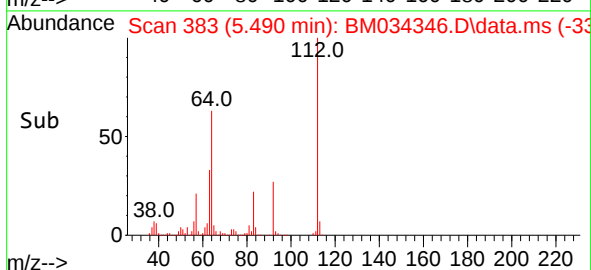
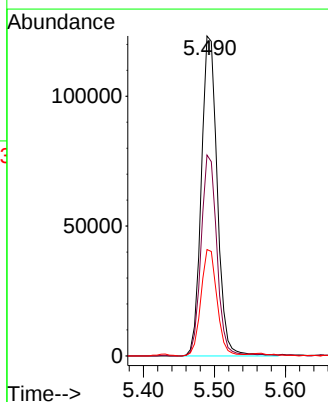
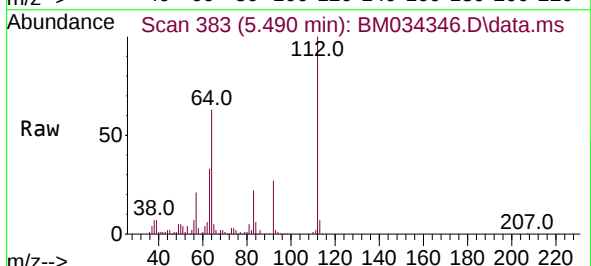
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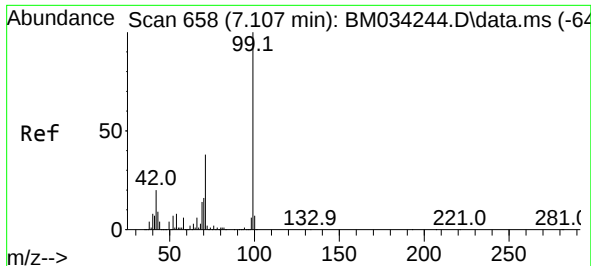
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#5
2-Fluorophenol
Concen: 20.358 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.000 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

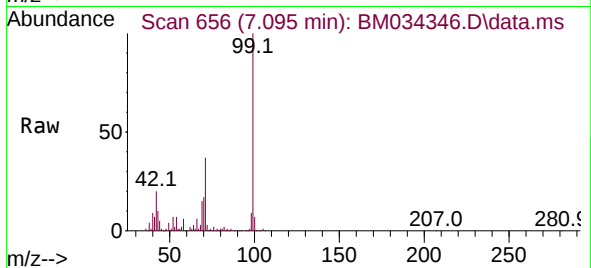
Tgt Ion:112 Resp: 191496
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 33.2 27.1 40.7





#7
Phenol-d6
Concen: 18.082 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

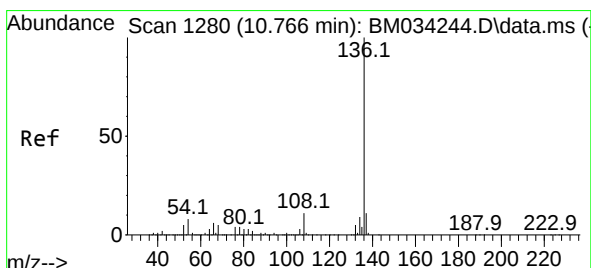
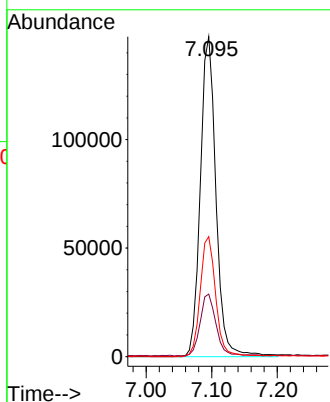
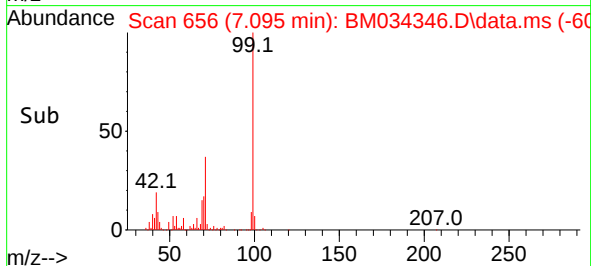
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



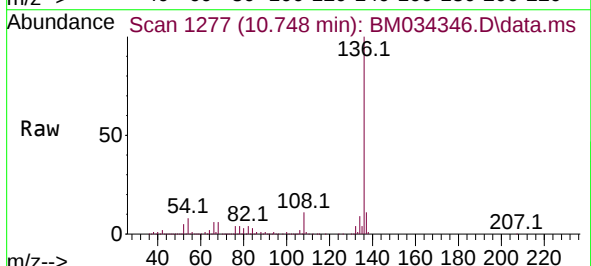
Tgt Ion: 99 Resp: 243522
Ion Ratio Lower Upper
99 100
42 19.5 15.6 23.4
71 37.5 30.6 46.0

Manual Integrations
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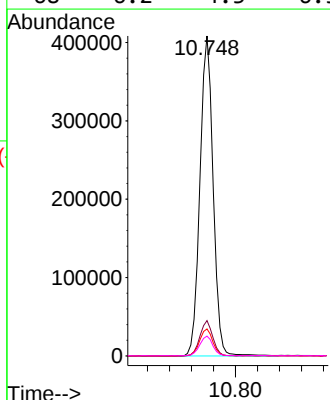
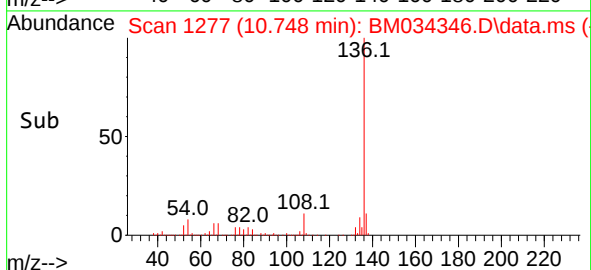
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

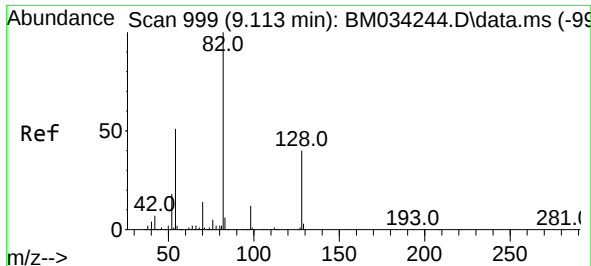


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33



Tgt Ion:136 Resp: 677989
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 6.2 9.4
68 6.2 4.3 6.5





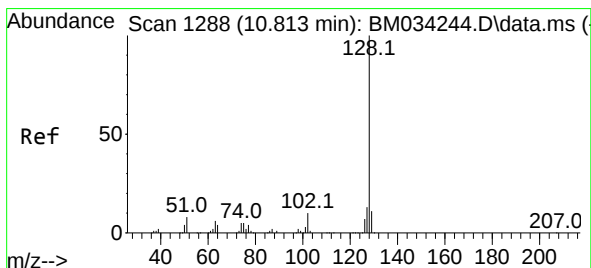
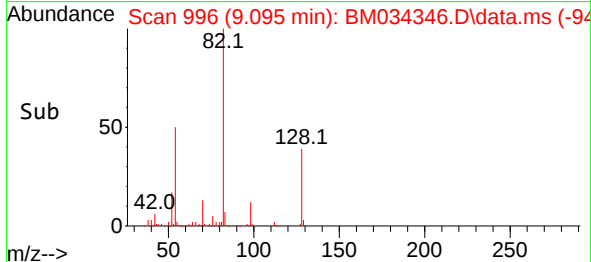
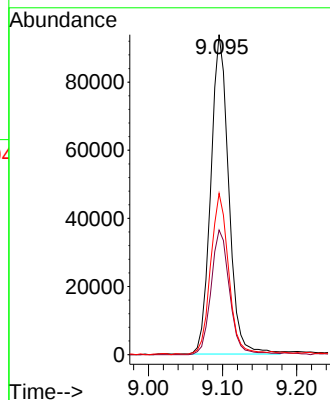
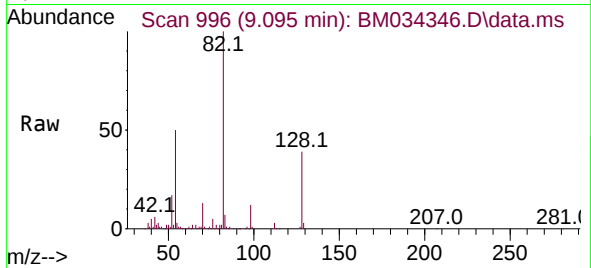
#23
Nitrobenzene-d5
Concen: 11.328 ng
RT: 9.095 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

Instrument :
BNA_M
ClientSampleId :
C-1-0-1

Tgt Ion: 82 Resp: 157752
Ion Ratio Lower Upper
82 100
128 38.9 31.9 47.9
54 50.4 40.6 61.0

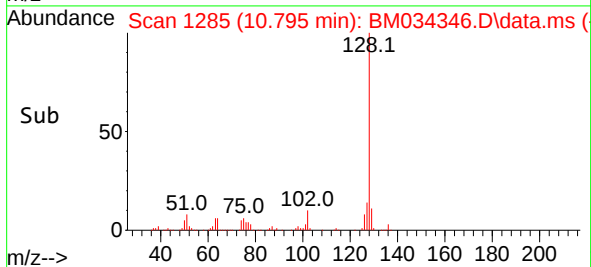
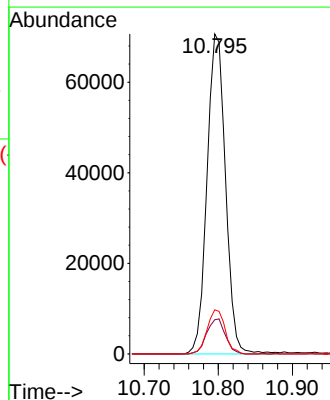
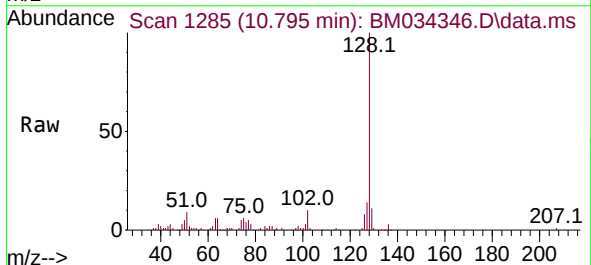
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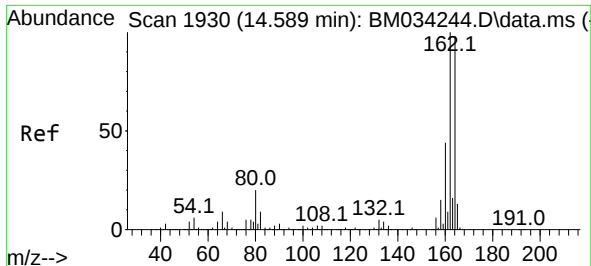
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#31
Naphthalene
Concen: 3.468 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

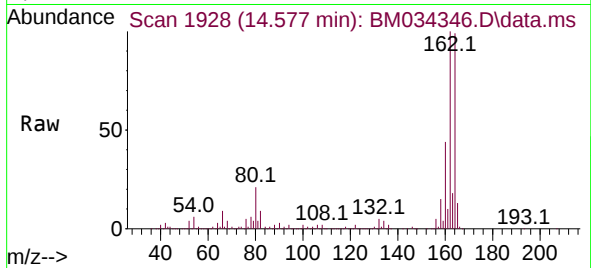
Tgt Ion:128 Resp: 122506
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.8 10.2 15.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

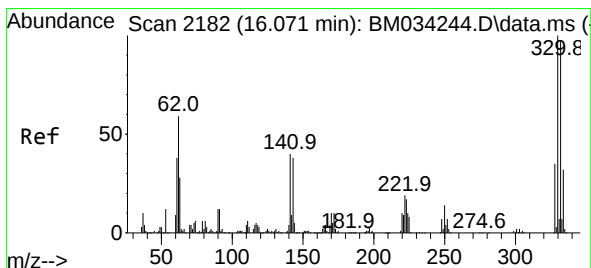
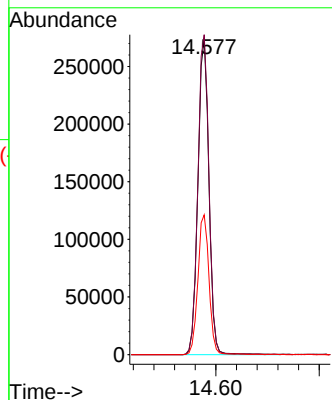
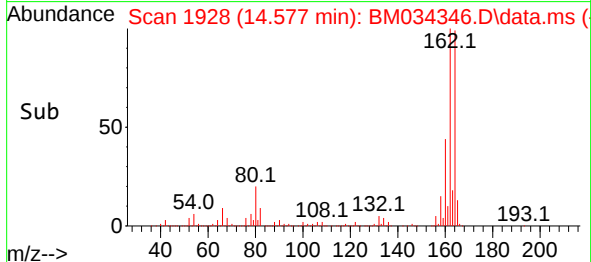
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



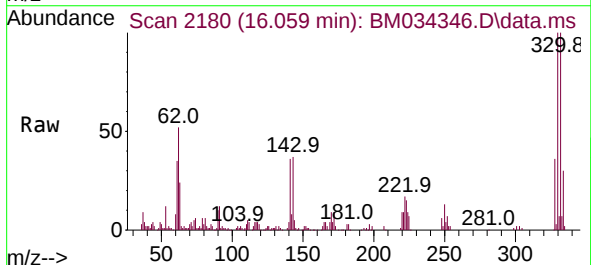
Tgt Ion:164 Resp: 403303
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 44.3 35.6 53.4

Manual Integrations
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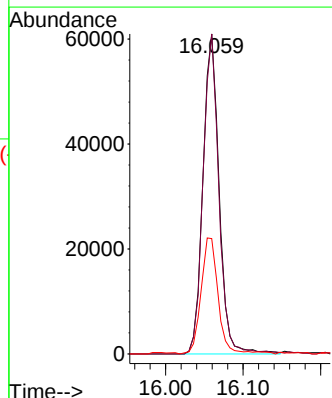
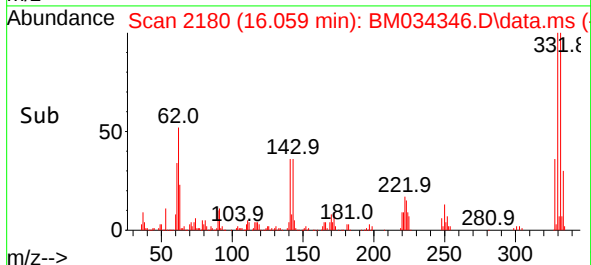
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

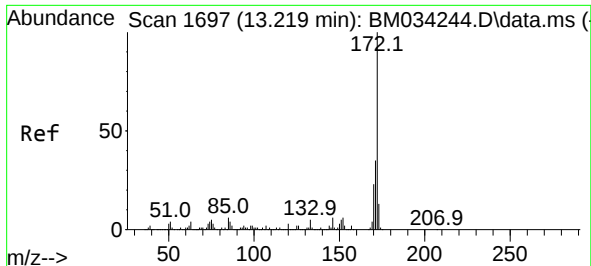


#42
2,4,6-Tribromophenol
Concen: 16.237 ng
RT: 16.059 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33



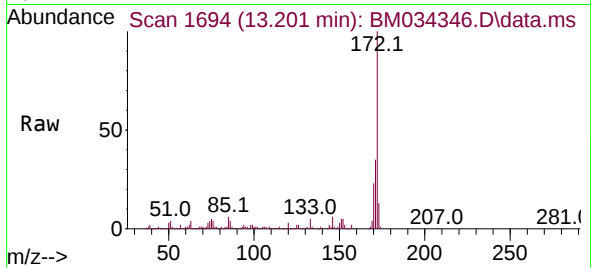
Tgt Ion:330 Resp: 88262
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 38.4 30.6 45.8





#45
2-Fluorobiphenyl
Concen: 12.143 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

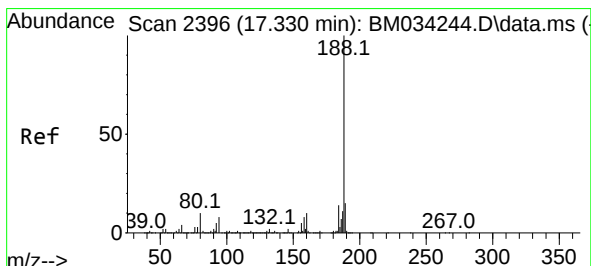
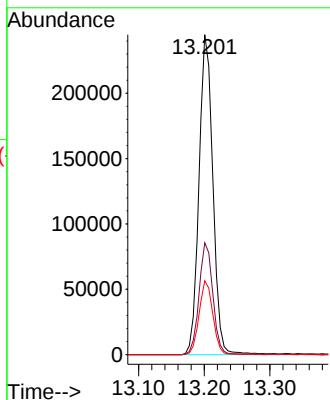
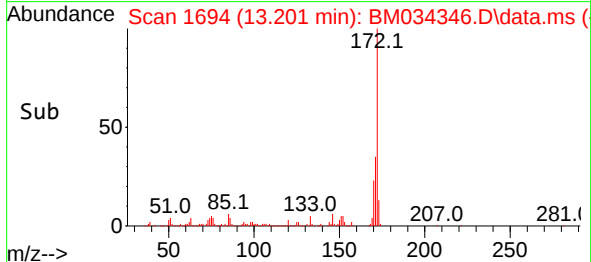
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



Tgt Ion:172 Resp: 358379
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.1 18.6 28.0

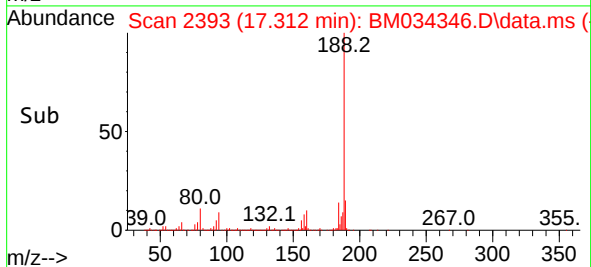
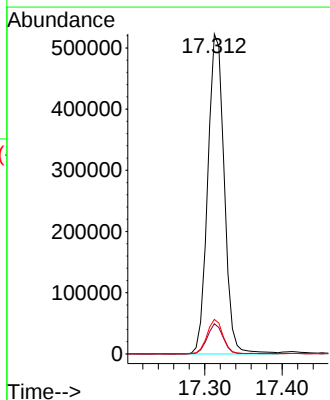
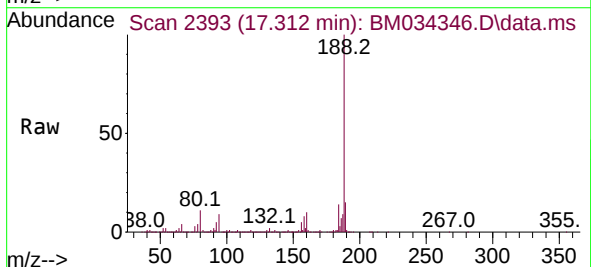
Manual Integrations
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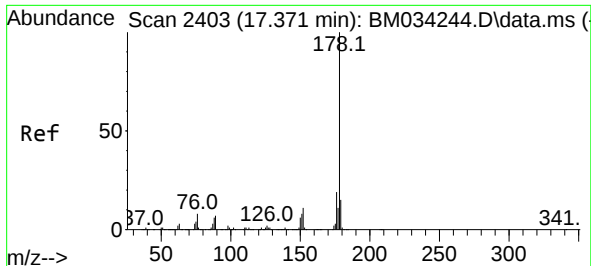
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

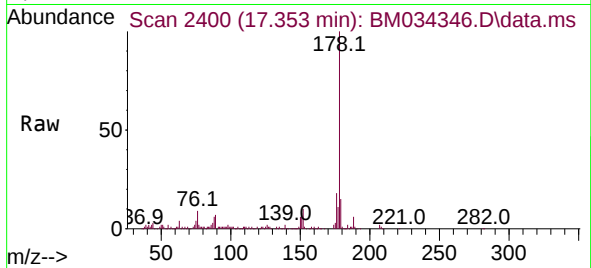
Tgt Ion:188 Resp: 771427
Ion Ratio Lower Upper
188 100
94 9.4 6.6 9.8
80 10.8 7.8 11.8





#71
Phenanthrene
Concen: 3.082 ng
RT: 17.353 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

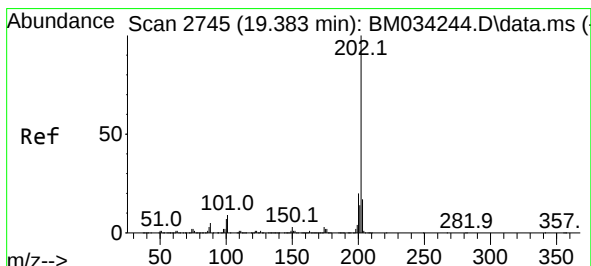
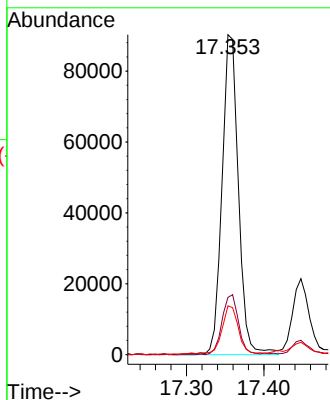
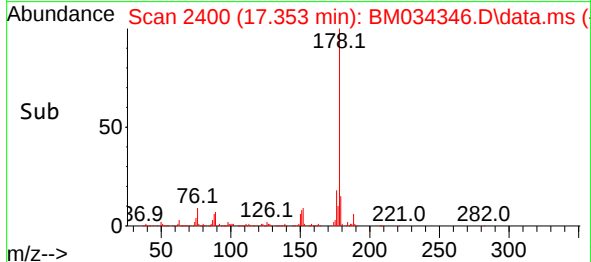
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



Tgt Ion:178 Resp: 133132
Ion Ratio Lower Upper
178 100
176 17.9 15.1 22.7
179 15.3 12.2 18.4

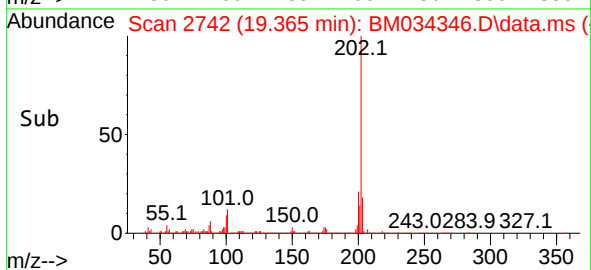
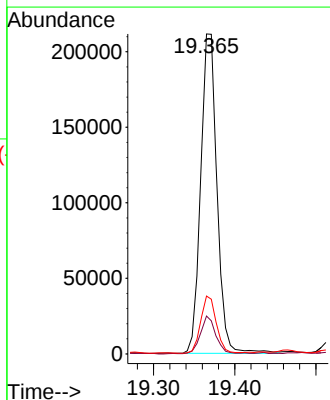
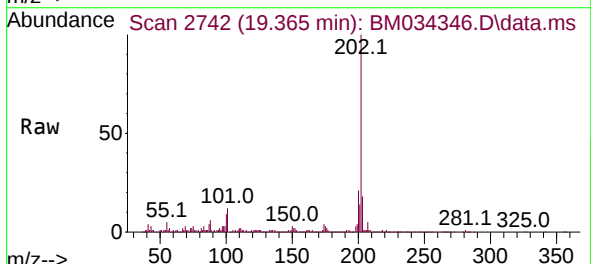
Manual Integrations
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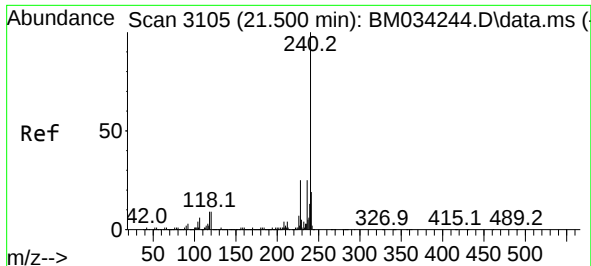
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#75
Fluoranthene
Concen: 6.108 ng
RT: 19.365 min Scan# 2742
Delta R.T. -0.012 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

Tgt Ion:202 Resp: 295827
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.4
203 18.1 0.0 37.1





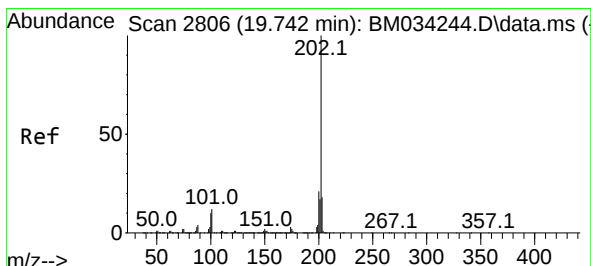
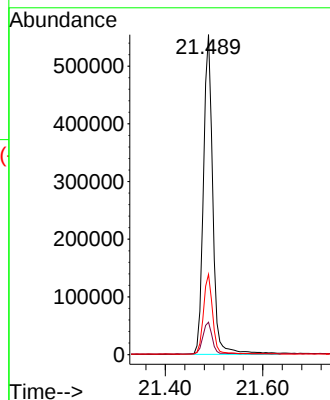
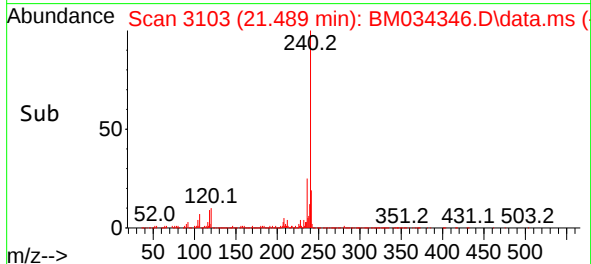
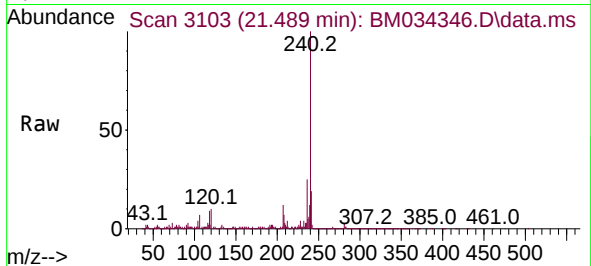
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

Instrument :
BNA_M
ClientSampleId :
C-1-0-1

Tgt Ion:240 Resp: 74011
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.1 20.2 30.2

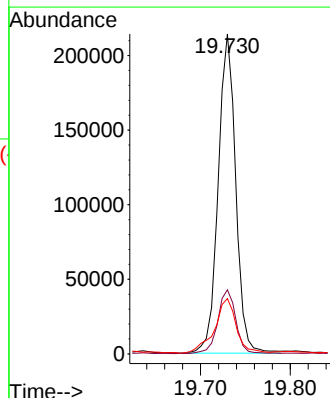
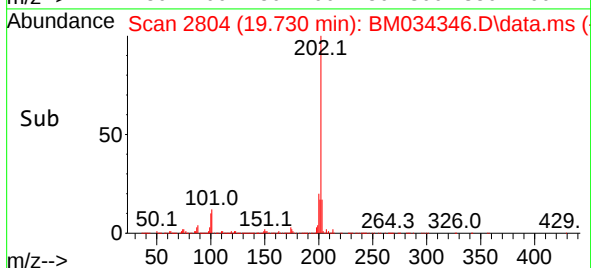
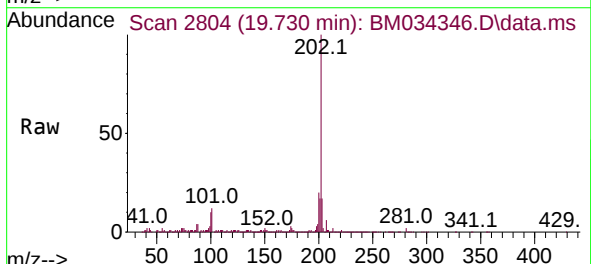
Manual Integrations
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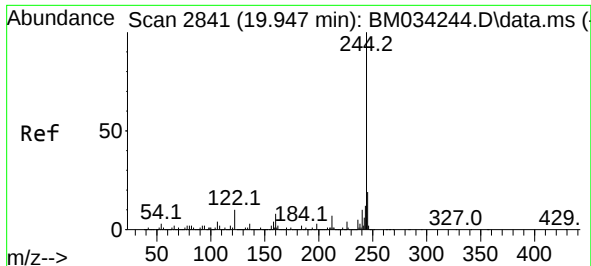
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#78
Pyrene
Concen: 5.579 ng
RT: 19.730 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

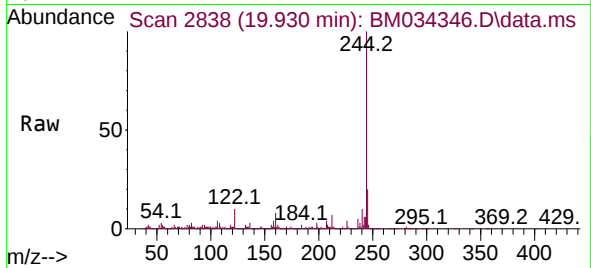
Tgt Ion:202 Resp: 290925
Ion Ratio Lower Upper
202 100
200 20.0 16.6 24.8
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 11.954 ng
RT: 19.930 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

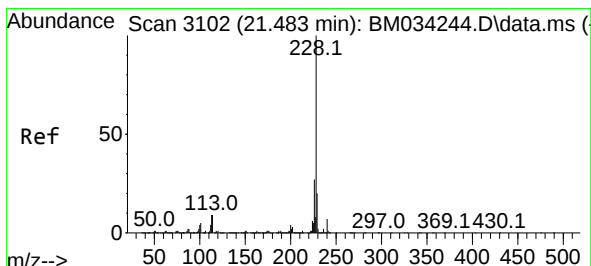
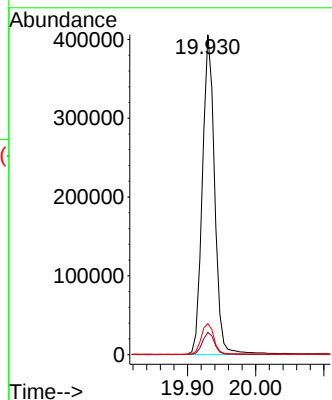
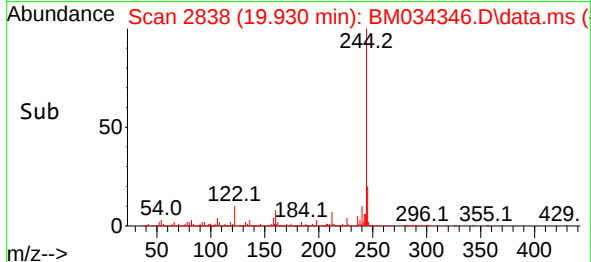
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



Tgt Ion:244 Resp: 509155
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.7 7.8 11.8

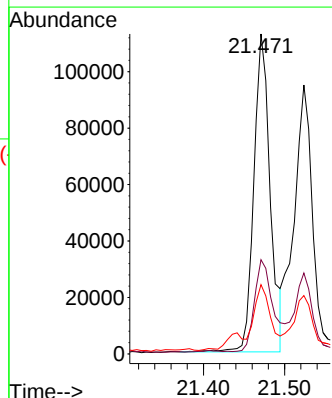
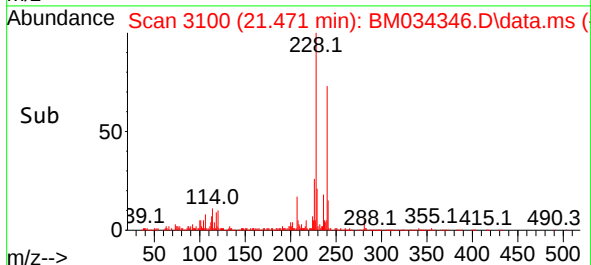
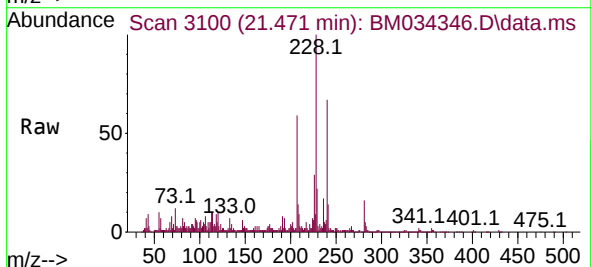
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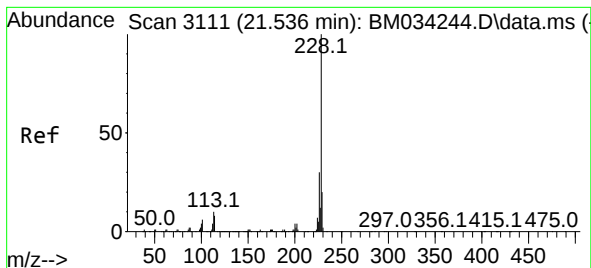
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#81
Benzo(a)anthracene
Concen: 3.374 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

Tgt Ion:228 Resp: 157589
Ion Ratio Lower Upper
228 100
226 29.4 21.6 32.4
229 21.6 15.8 23.6





#83

Chrysene

Concen: 3.238 ng

RT: 21.524 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM034346.D

Acq: 23 Mar 2022 19:33

Instrument :

BNA_M

ClientSampleId :

C-1-0-1

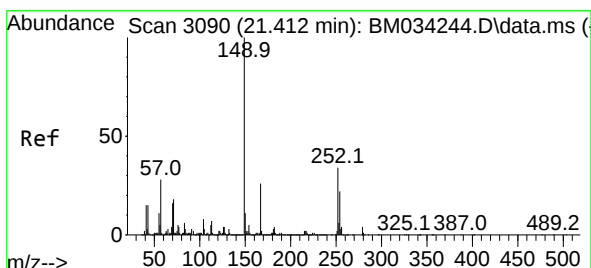
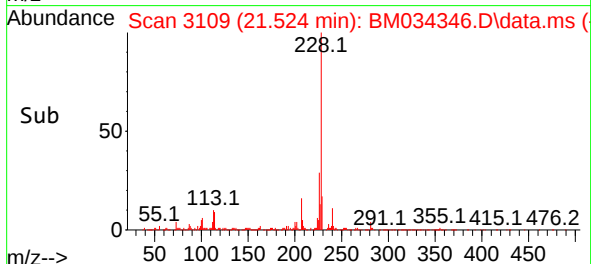
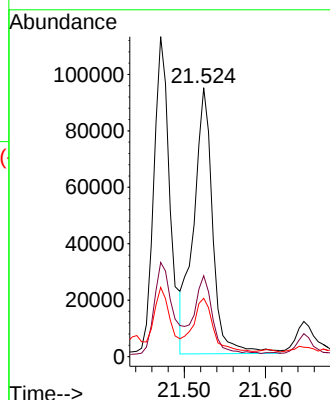
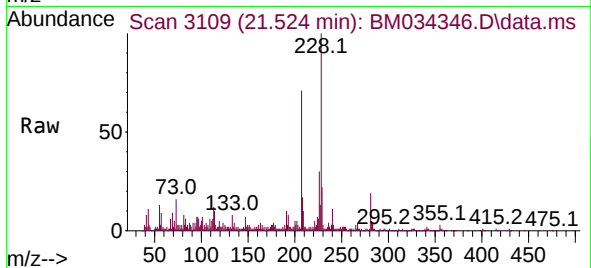
Tgt Ion:228 Resp: 154472
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.8 35.6
 229 21.7 15.6 23.4

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Supervised By :Jagrut Upadhyay 03/24/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.227 ng

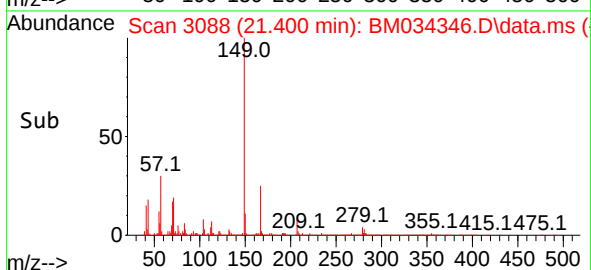
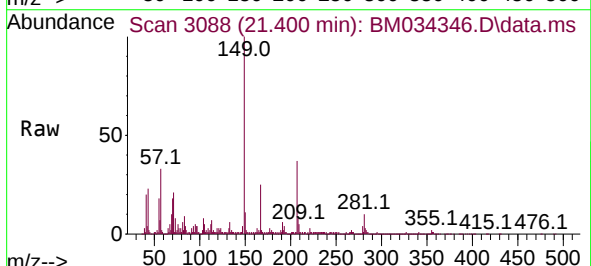
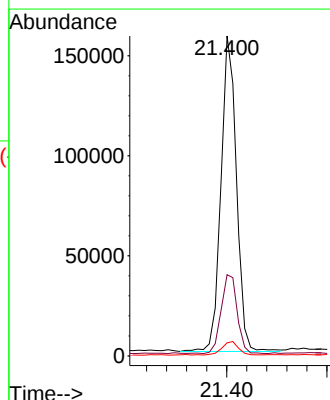
RT: 21.400 min Scan# 3088

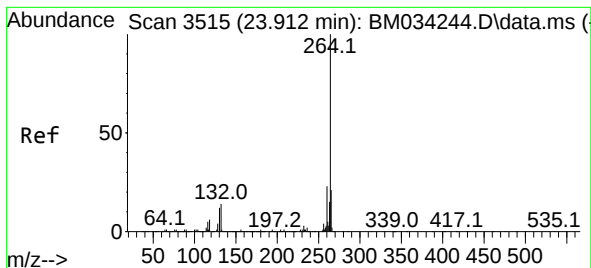
Delta R.T. -0.006 min

Lab File: BM034346.D

Acq: 23 Mar 2022 19:33

Tgt Ion:149 Resp: 170233
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.2 31.8
 279 4.1 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.900 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BM034346.D

Acq: 23 Mar 2022 19:33

Instrument :

BNA_M

ClientSampleId :

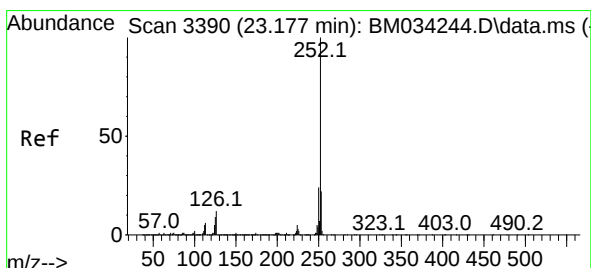
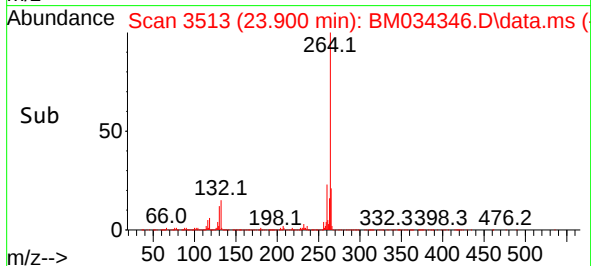
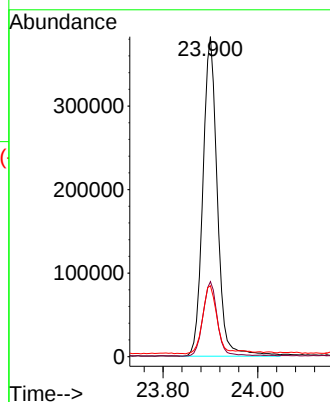
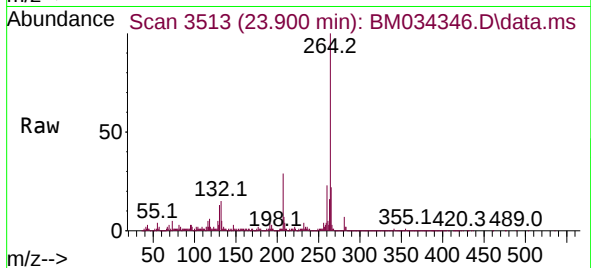
C-1-0-1

Tgt Ion:264 Resp: 810788
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.1 17.6 26.4

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Reviewed By :Christian Giraldo 03/24/2022
 Supervised By :Jagrut Upadhyay 03/24/2022



#88

Benzo(b)fluoranthene

Concen: 4.734 ng m

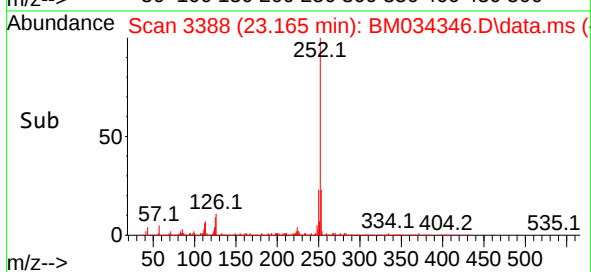
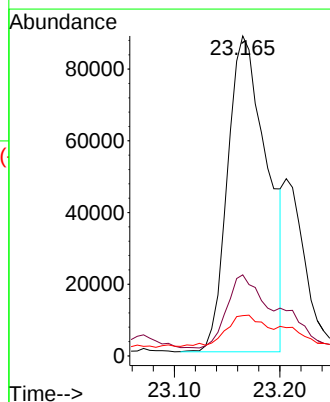
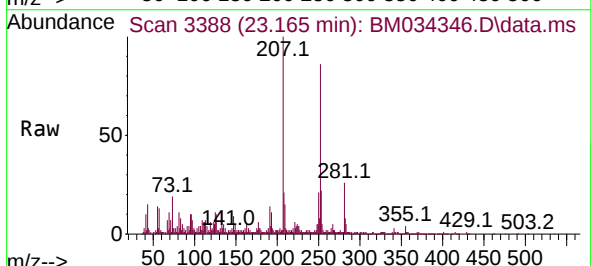
RT: 23.165 min Scan# 3388

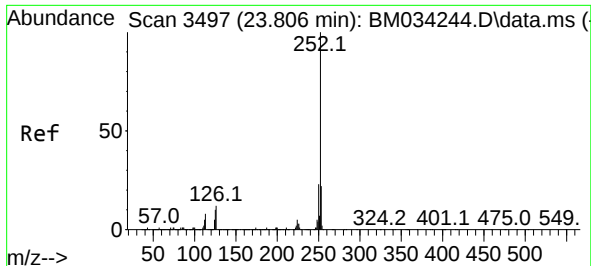
Delta R.T. -0.006 min

Lab File: BM034346.D

Acq: 23 Mar 2022 19:33

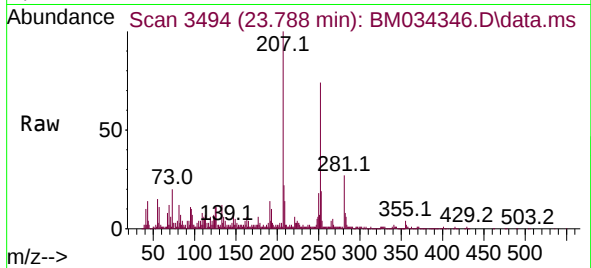
Tgt Ion:252 Resp: 229537
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.8 26.8
 125 12.6 7.2 10.8





#90
Benzo(a)pyrene
Concen: 4.067 ng
RT: 23.788 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

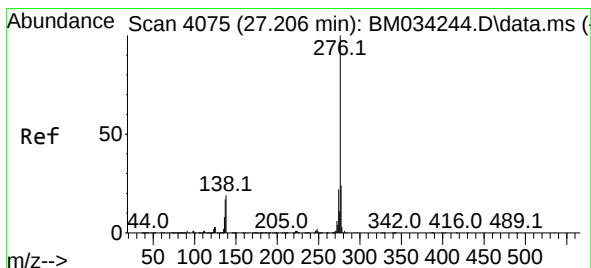
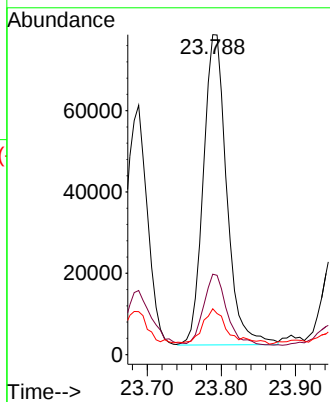
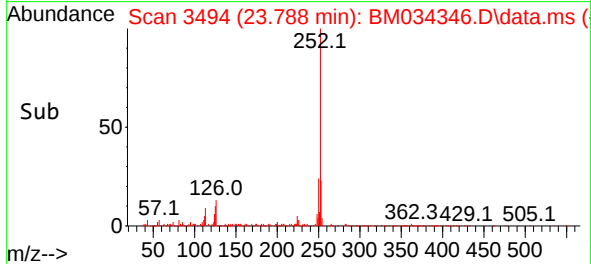
Instrument :
BNA_M
ClientSampleId :
C-1-0-1



Tgt Ion: 252 Resp: 167163
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 14.3 7.8 11.6

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Reviewed By : Christian Giraldo 03/24/2022
Supervised By : Jagrut Upadhyay 03/24/2022



#92
Benzo(g,h,i)perylene
Concen: 3.093 ng
RT: 27.182 min Scan# 4071
Delta R.T. -0.018 min
Lab File: BM034346.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 276 Resp: 135388
Ion Ratio Lower Upper
276 100
277 27.7 19.0 28.4
138 19.3 15.6 23.4

