

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034348.D
 Acq On : 23 Mar 2022 20:45
 Operator : CG/JU
 Sample : N1962-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-18-17-18

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 02:43:33 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	7.937	152	165942	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	659876	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	392313	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	770814	20.000	ng	0.00
76) Chrysene-d12	21.489	240	743956	20.000	ng	0.00
86) Perylene-d12	23.900	264	821625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	210129	22.717	ng	0.00
7) Phenol-d6	7.095	99	262509	19.821	ng	0.00
23) Nitrobenzene-d5	9.095	82	169773	12.526	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	102527	19.389	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	373427	13.007	ng	0.00
79) Terphenyl-d14	19.936	244	534941	12.494	ng	0.00
Target Compounds						Qvalue
58) Fluorene	15.618	166	74519	2.555	ng	98
71) Phenanthrene	17.359	178	632682	14.657	ng	100
72) Anthracene	17.448	178	149473	3.558	ng	100
75) Fluoranthene	19.371	202	648757	13.406	ng	99
78) Pyrene	19.730	202	561716	10.717	ng	99
81) Benzo(a)anthracene	21.471	228	229075	4.879	ng	96
83) Chrysene	21.524	228	208259m	4.343	ng	
88) Benzo(b)fluoranthene	23.165	252	231517	4.712	ng	# 95
90) Benzo(a)pyrene	23.794	252	172878	4.151	ng	# 96
92) Benzo(g,h,i)perylene	27.182	276	104885	2.364	ng	99

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

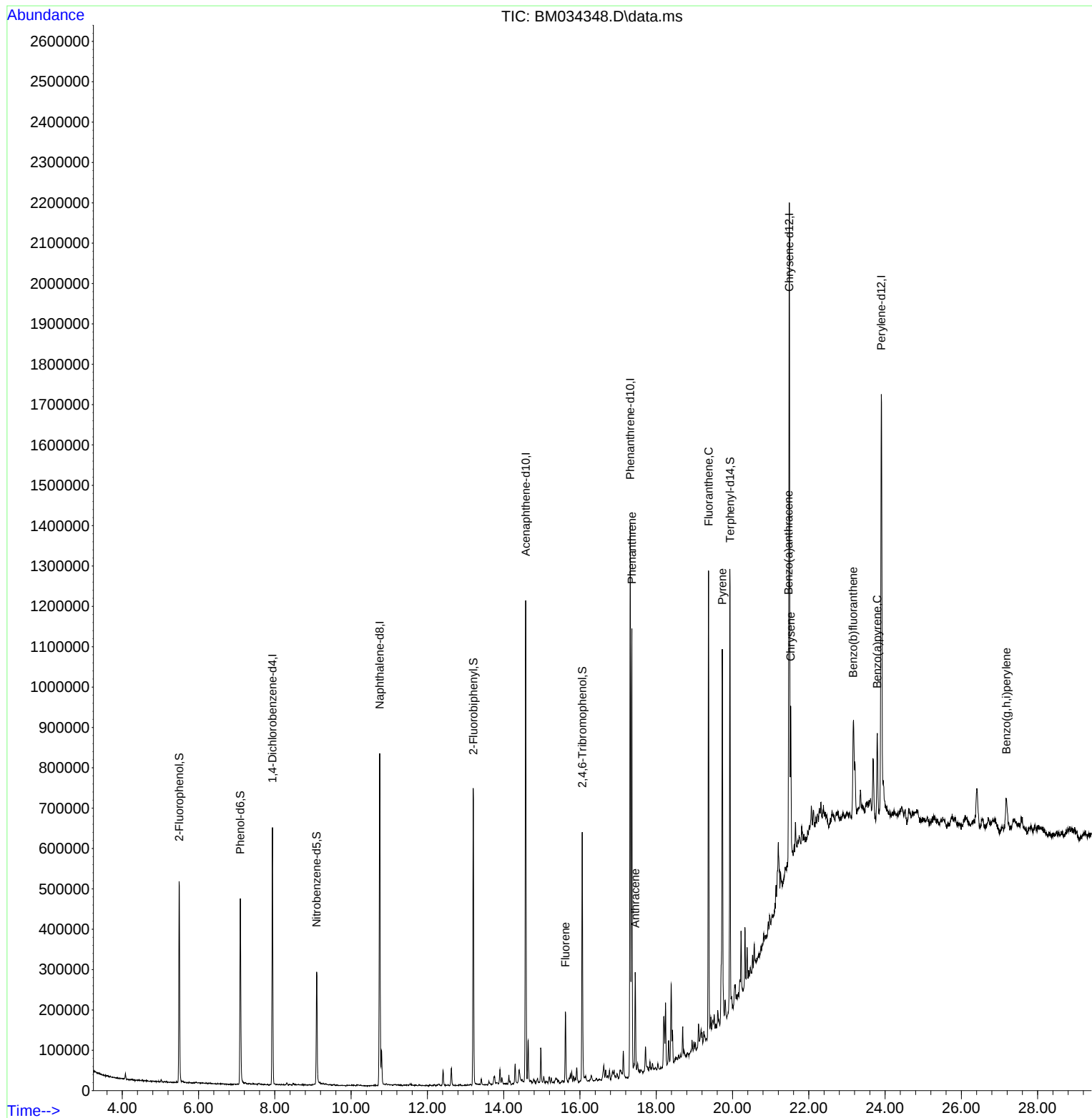
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034348.D
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Operator : CG/JU
Sample : N1962-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

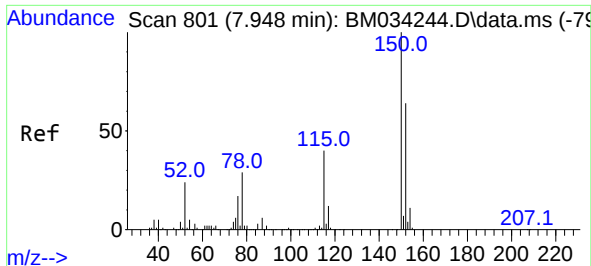
Instrument :
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C-18-17-18

Quant Time: Mar 24 02:43:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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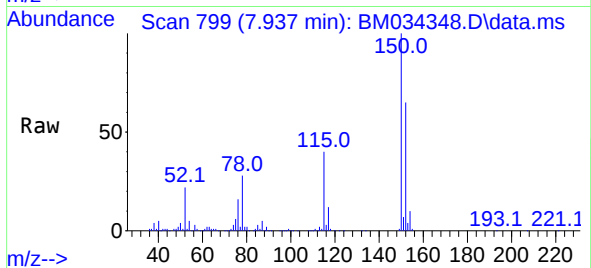
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

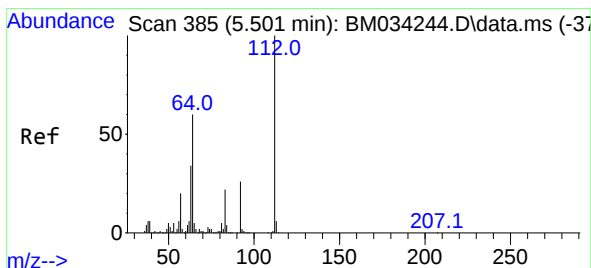
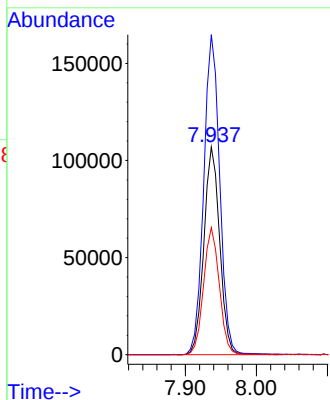
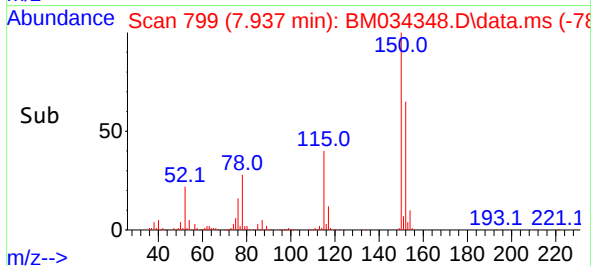
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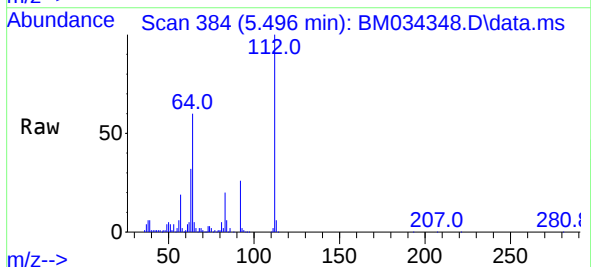
Tgt Ion:152 Resp: 16594
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.2
115 61.2 50.1 75.1

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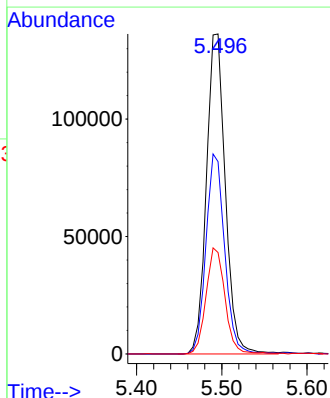
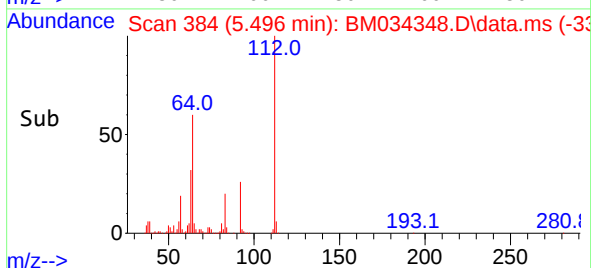
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

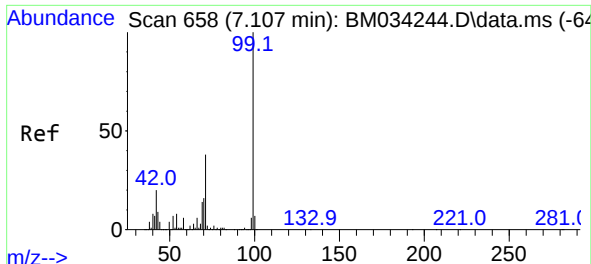


#5
2-Fluorophenol
Concen: 22.717 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



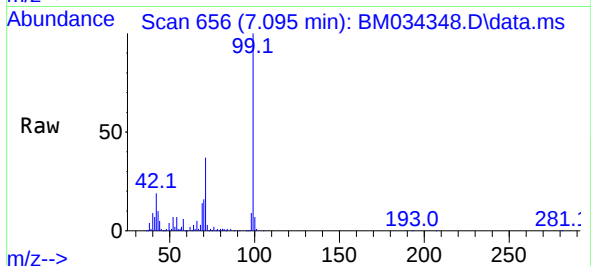
Tgt Ion:112 Resp: 210129
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.7 27.1 40.7





#7
Phenol-d6
Concen: 19.821 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

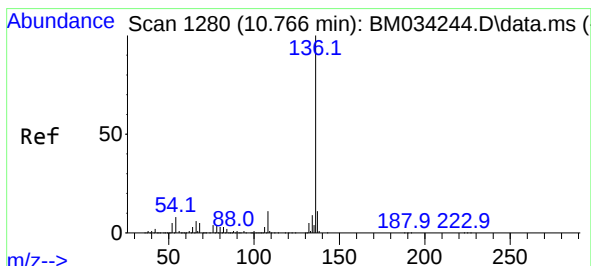
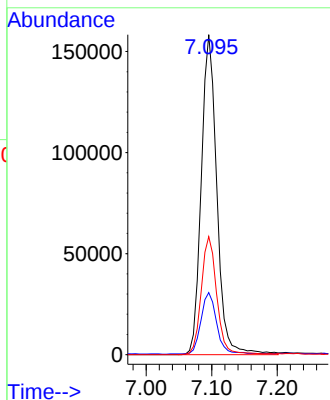
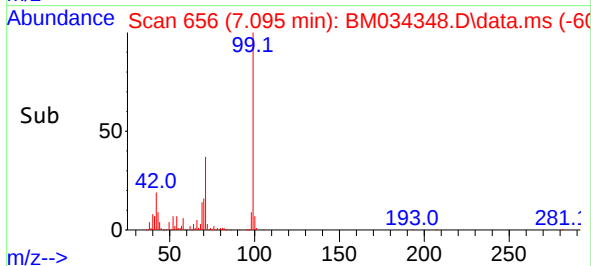
Instrument :
BNA_M
ClientSampleId :
C-18-17-18



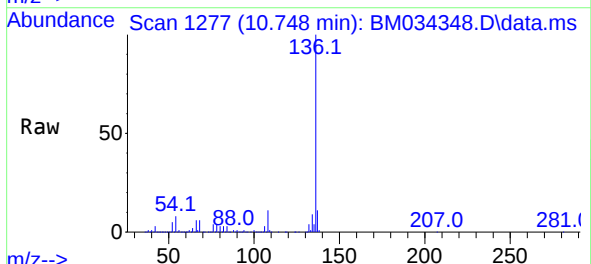
Tgt Ion: 99 Resp: 262509
Ion Ratio Lower Upper
99 100
42 19.4 15.6 23.4
71 36.9 30.6 46.0

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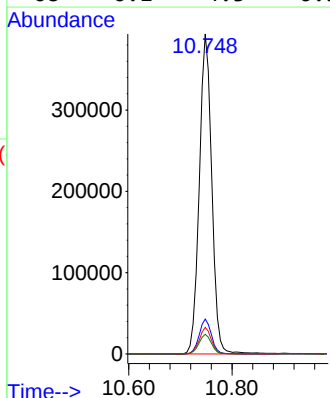
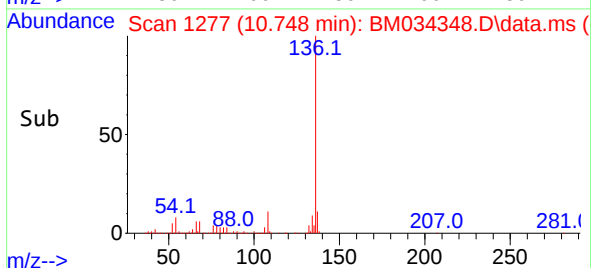
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

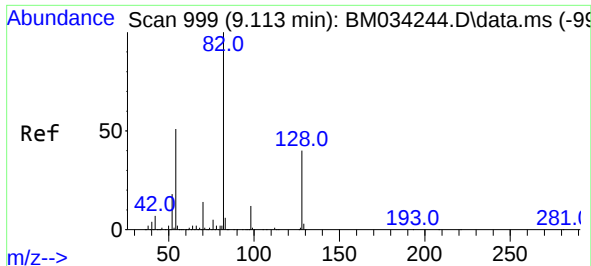


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



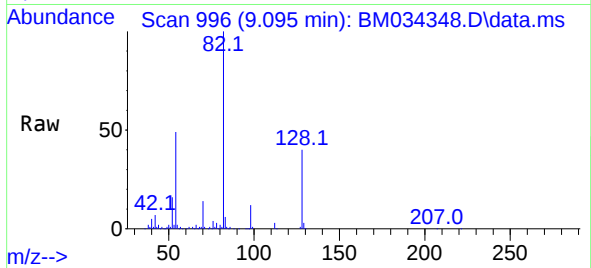
Tgt Ion:136 Resp: 659876
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.2 9.4
68 6.1 4.3 6.5





#23
Nitrobenzene-d5
Concen: 12.526 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

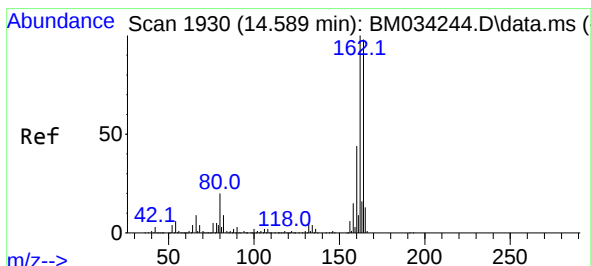
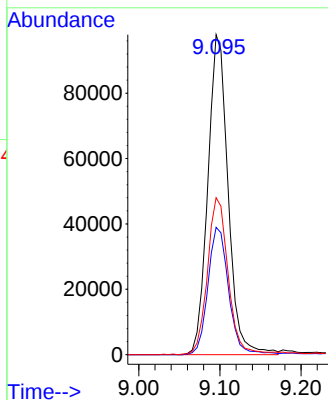
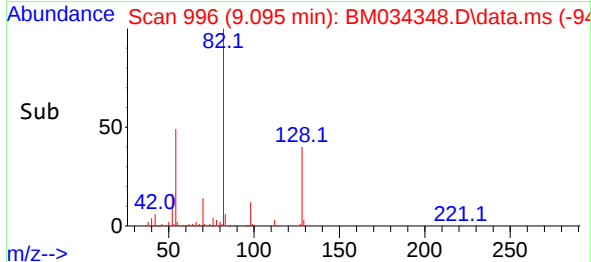
Instrument :
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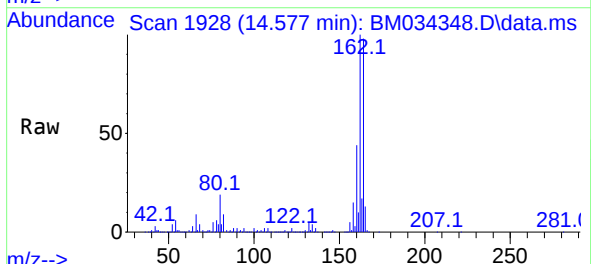
Tgt Ion: 82 Resp: 16977
Ion Ratio Lower Upper
82 100
128 39.8 31.9 47.9
54 49.0 40.6 61.0

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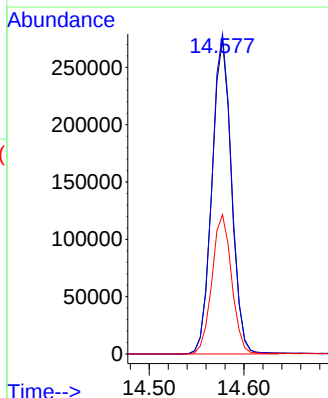
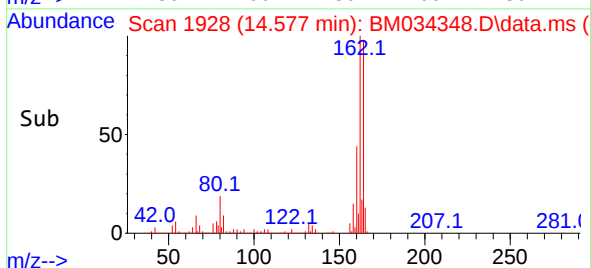
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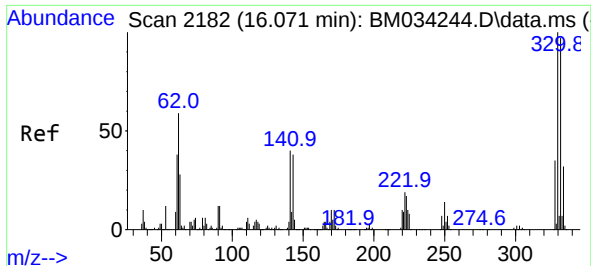


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



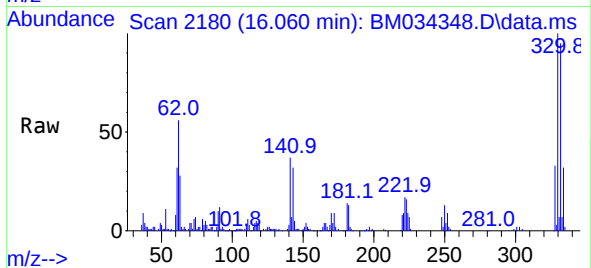
Tgt Ion:164 Resp: 392313
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 44.4 35.6 53.4





#42
2,4,6-Tribromophenol
Concen: 19.389 ng
RT: 16.060 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

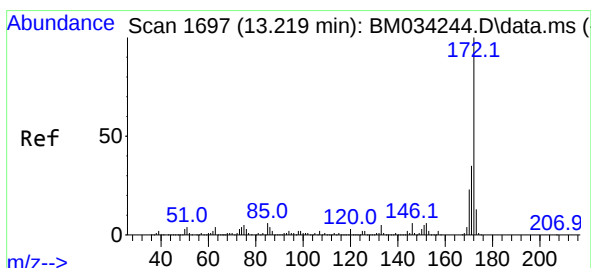
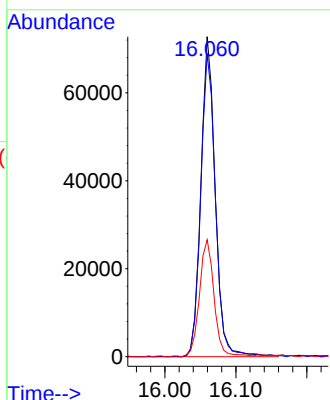
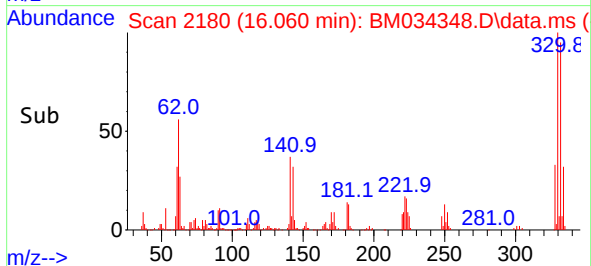
Instrument :
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ClientSampleId :
C-18-17-18



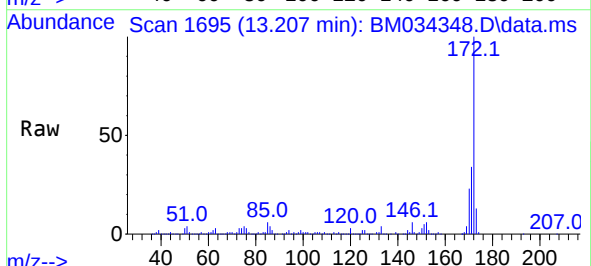
Tgt Ion:330 Resp: 10252
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 37.3 30.6 45.8

Manual Integrations
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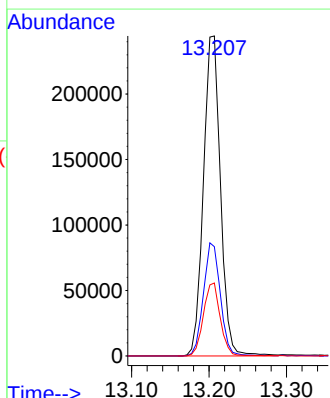
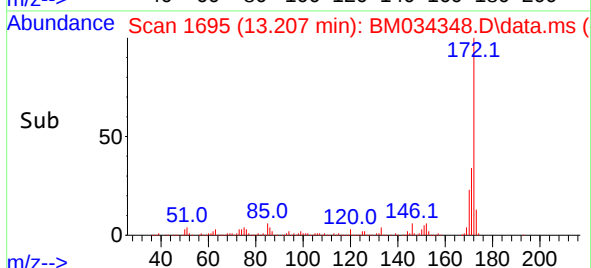
Reviewed By :Christian Giraldo 03/24/2022
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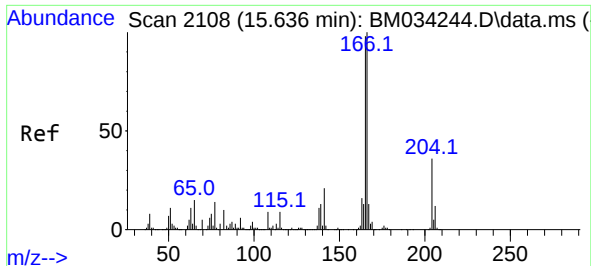


#45
2-Fluorobiphenyl
Concen: 13.007 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



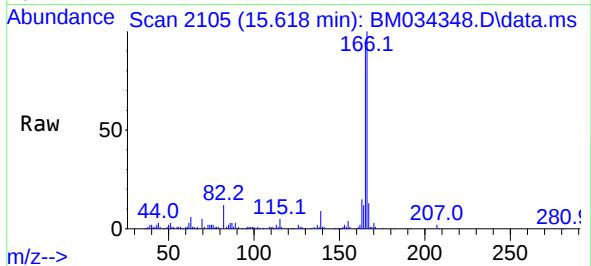
Tgt Ion:172 Resp: 373427
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.8 18.6 28.0





#58
Fluorene
Concen: 2.555 ng
RT: 15.618 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

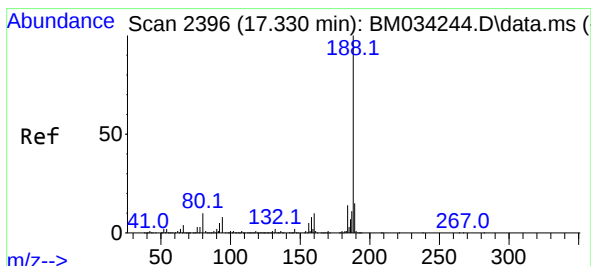
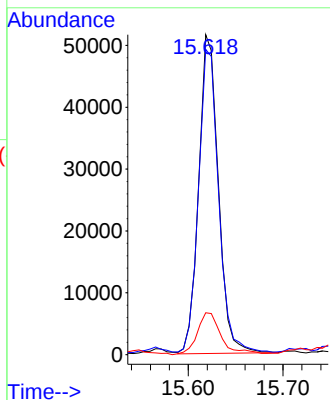
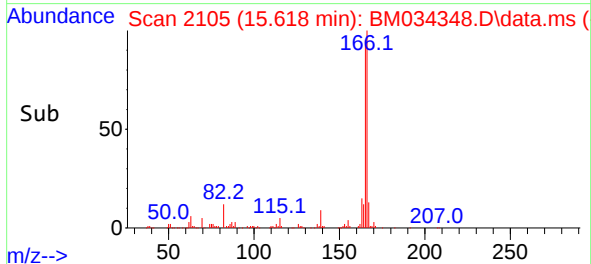
Instrument :
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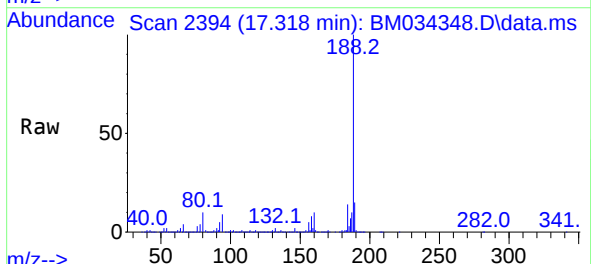
Tgt Ion:166 Resp: 74519
Ion Ratio Lower Upper
166 100
165 95.4 78.0 117.0
167 13.1 10.5 15.7

Manual Integrations
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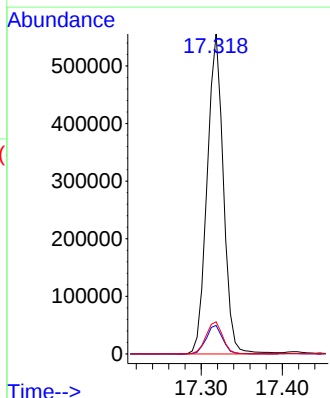
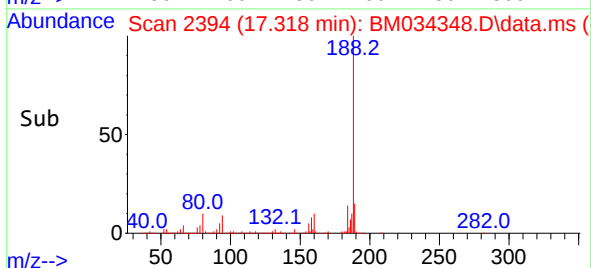
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Supervised By :Jagrut Upadhyay 03/24/2022

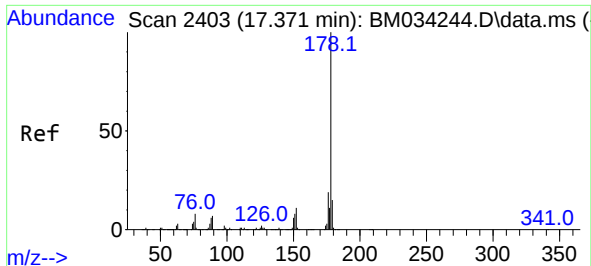


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



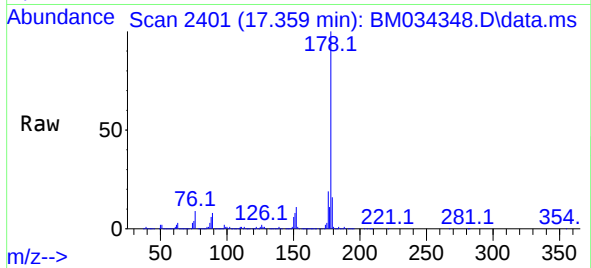
Tgt Ion:188 Resp: 770814
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 10.1 7.8 11.8





#71
Phenanthrene
Concen: 14.657 ng
RT: 17.359 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

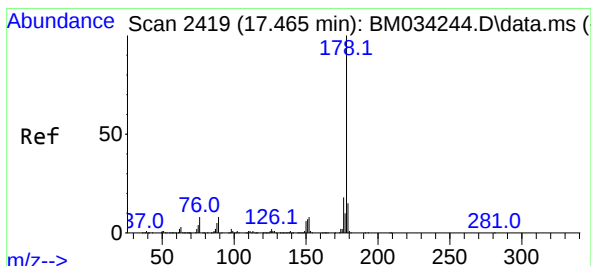
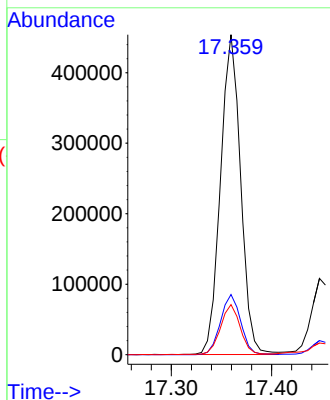
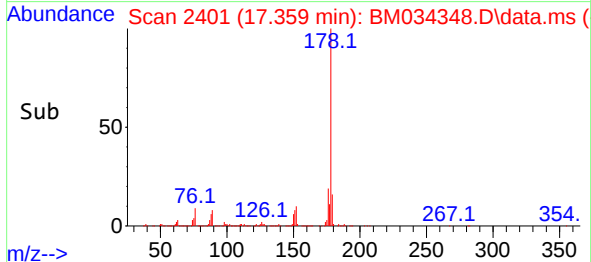
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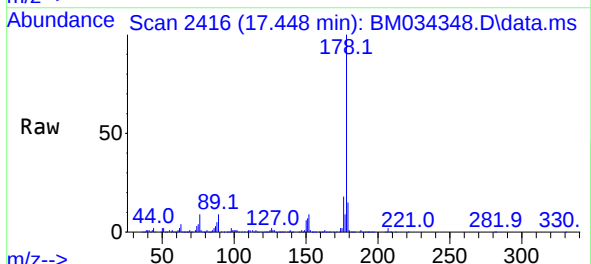
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Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.2 18.4

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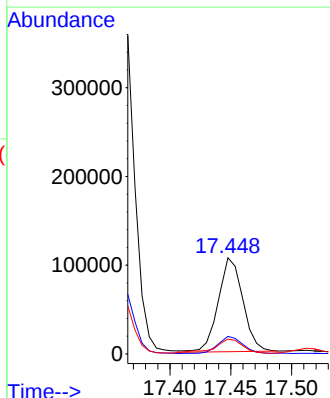
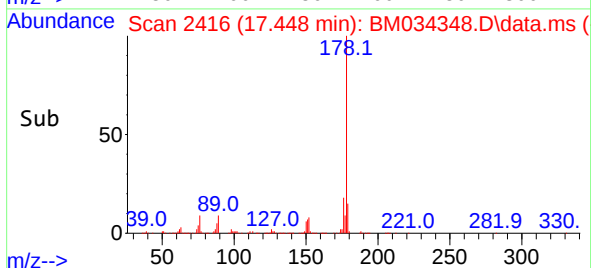
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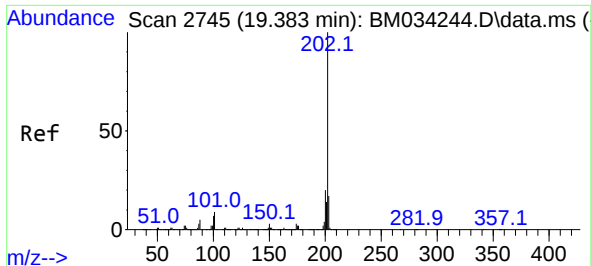


#72
Anthracene
Concen: 3.558 ng
RT: 17.448 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



Tgt Ion:178 Resp: 149473
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.4 12.2 18.2





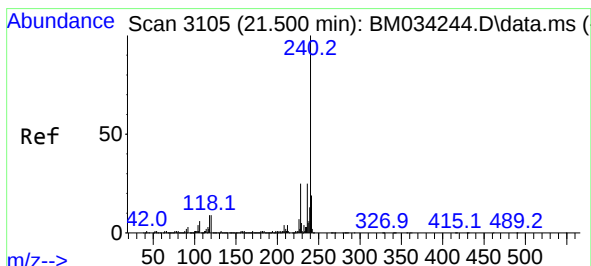
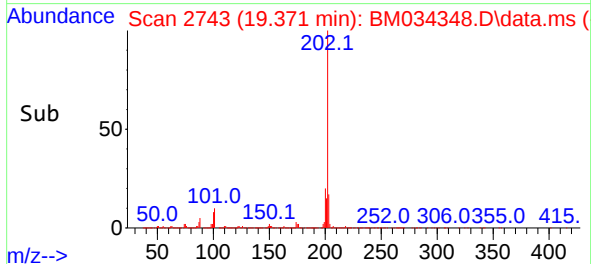
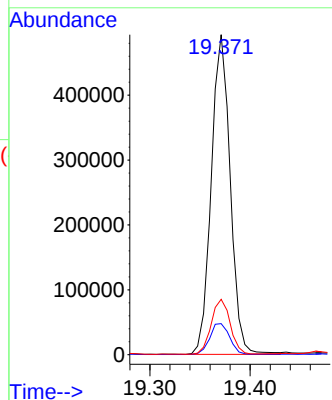
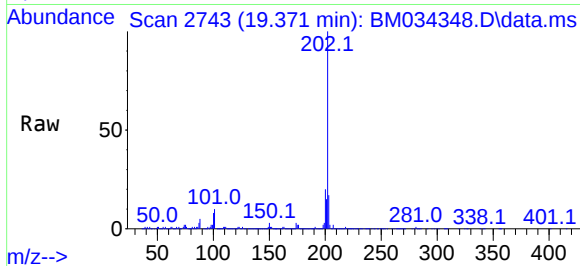
#75
Fluoranthene
Concen: 13.406 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

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Tgt Ion:202 Resp: 64875
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.4
203 17.3 0.0 37.1

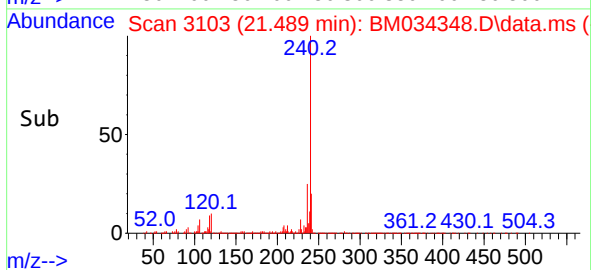
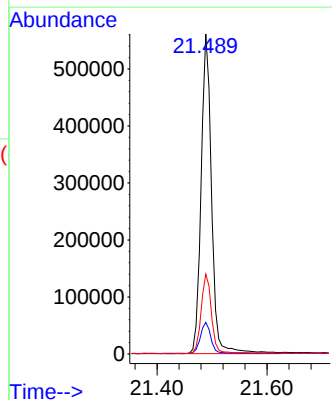
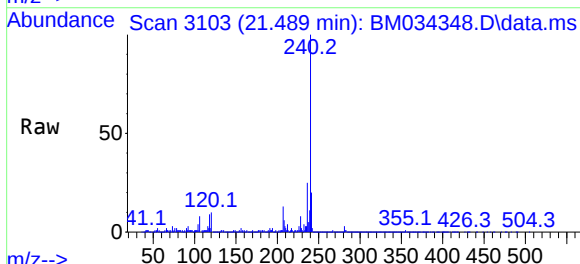
Manual Integrations
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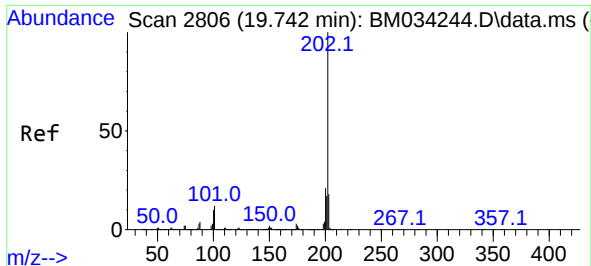
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

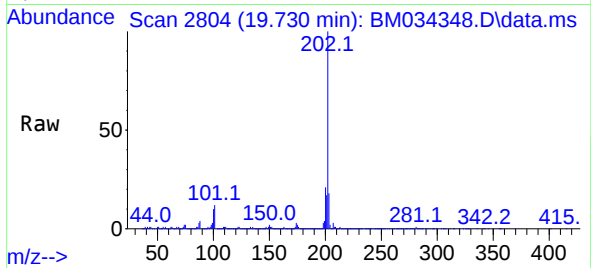
Tgt Ion:240 Resp: 743956
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 24.9 20.2 30.2





#78
Pyrene
Concen: 10.717 ng
RT: 19.730 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

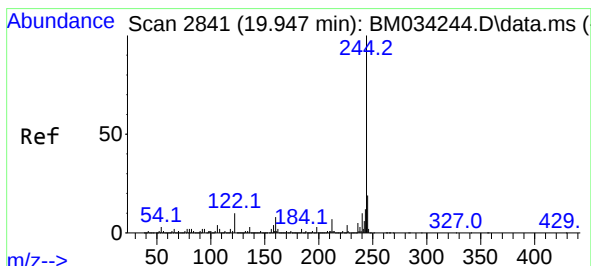
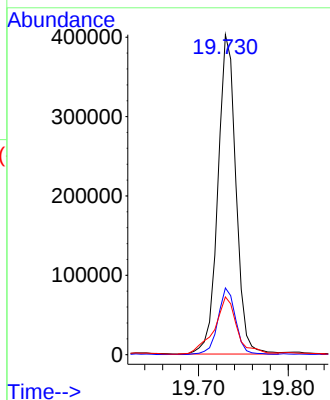
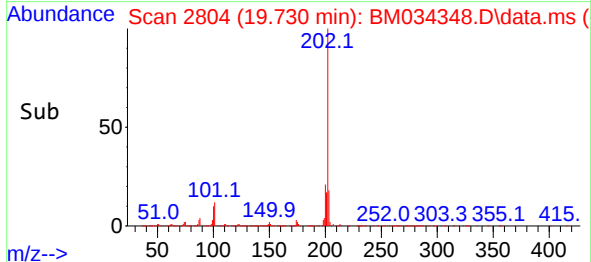
Instrument :
BNA_M
ClientSampleId :
C-18-17-18



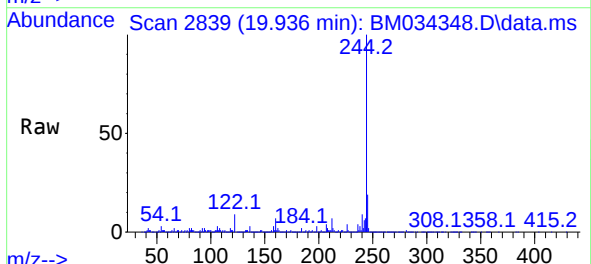
Tgt Ion:202 Resp: 561710
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 18.0 14.1 21.1

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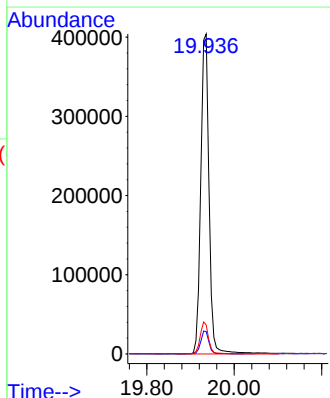
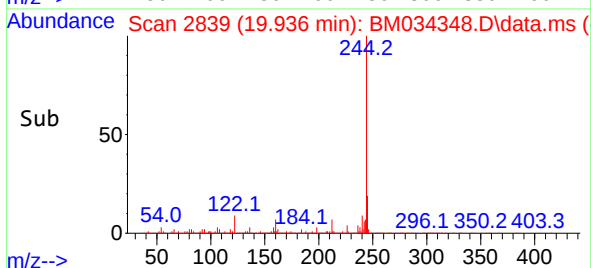
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

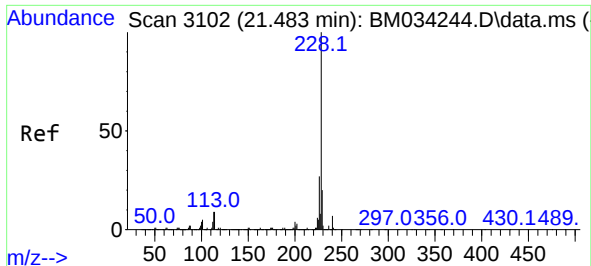


#79
Terphenyl-d14
Concen: 12.494 ng
RT: 19.936 min Scan# 2839
Delta R.T. -0.000 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45



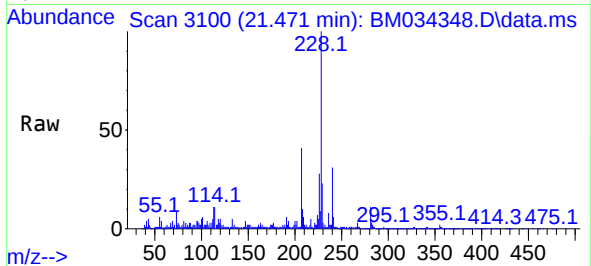
Tgt Ion:244 Resp: 534941
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.1 7.8 11.8





#81
Benzo(a)anthracene
Concen: 4.879 ng
RT: 21.471 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

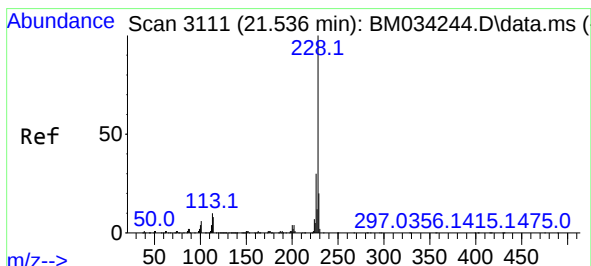
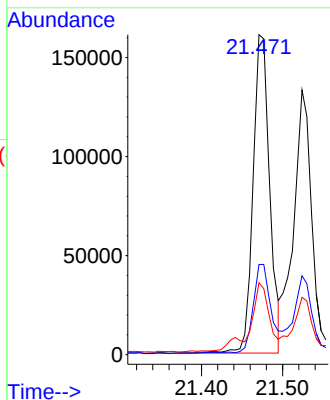
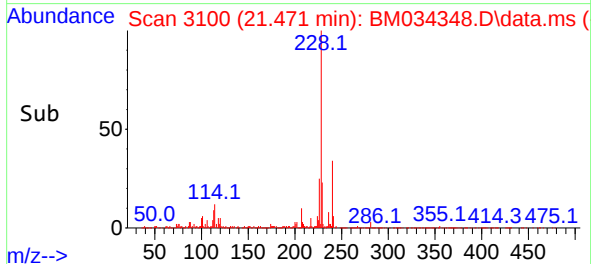
Instrument :
BNA_M
Client Sample Id :
C-18-17-18



Tgt Ion:228 Resp: 229075
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 22.5 15.8 23.6

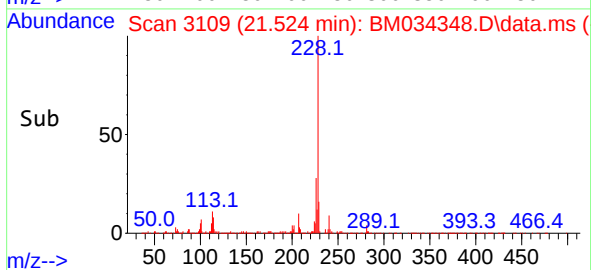
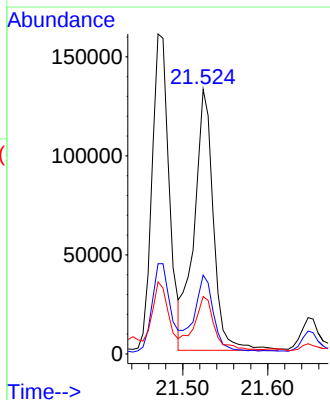
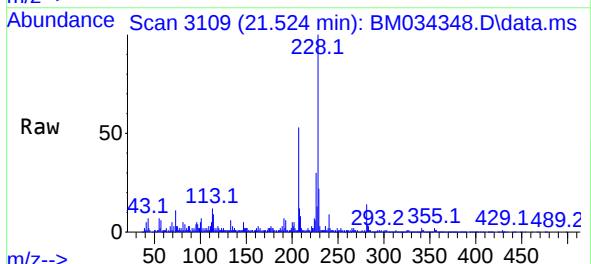
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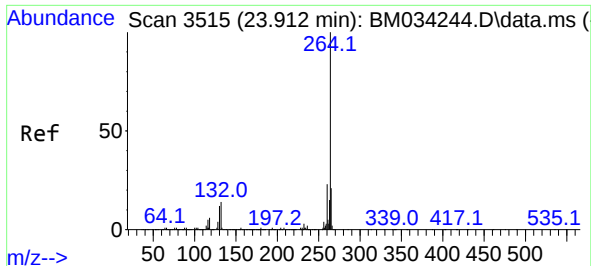
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#83
Chrysene
Concen: 4.343 ng m
RT: 21.524 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

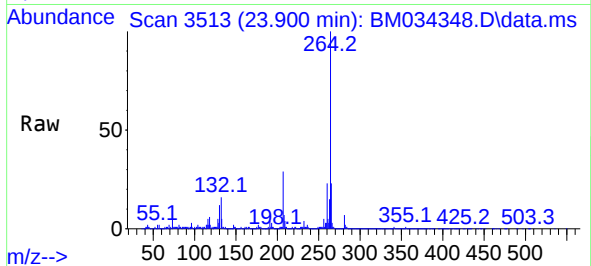
Tgt Ion:228 Resp: 208259
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 21.7 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

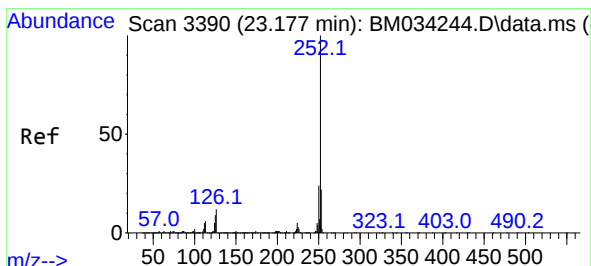
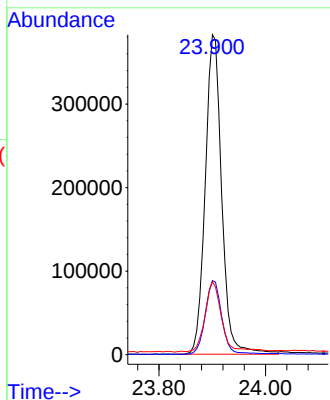
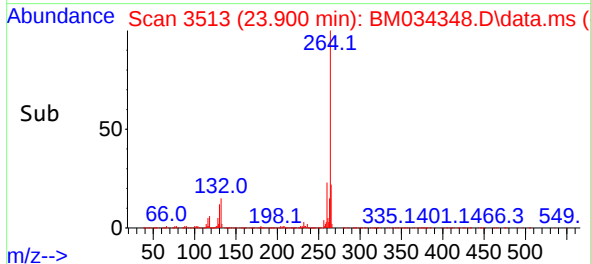
Instrument :
BNA_M
ClientSampleId :
C-18-17-18



Tgt Ion:264 Resp: 821629
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.8 17.6 26.4

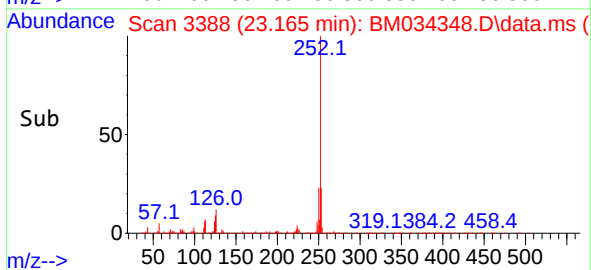
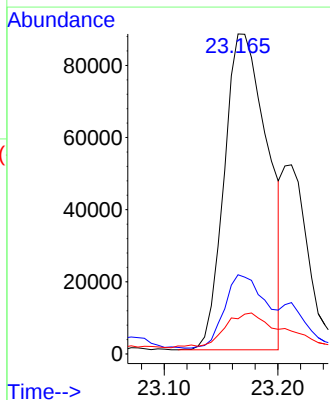
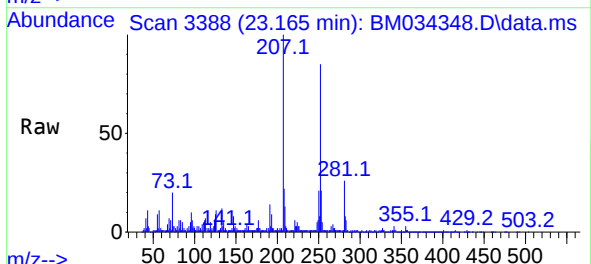
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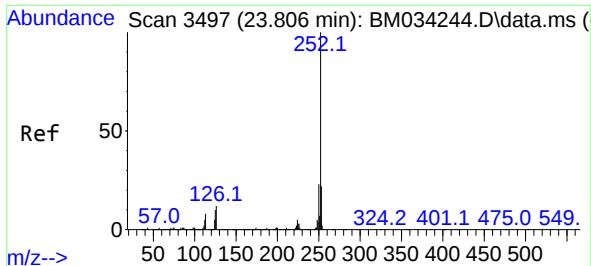
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#88
Benzo(b)fluoranthene
Concen: 4.712 ng
RT: 23.165 min Scan# 3388
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

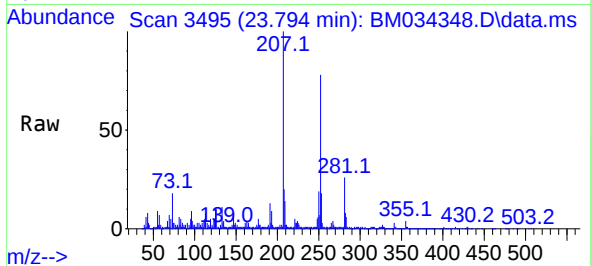
Tgt Ion:252 Resp: 231517
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 11.0 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 4.151 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

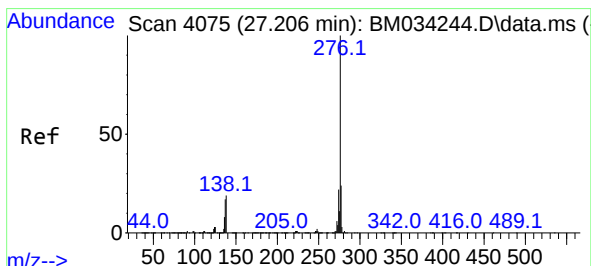
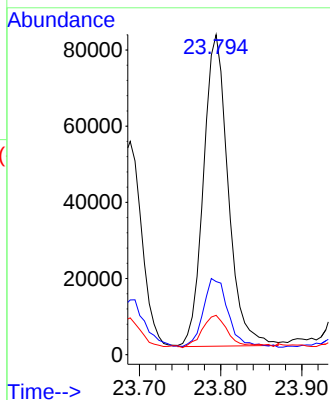
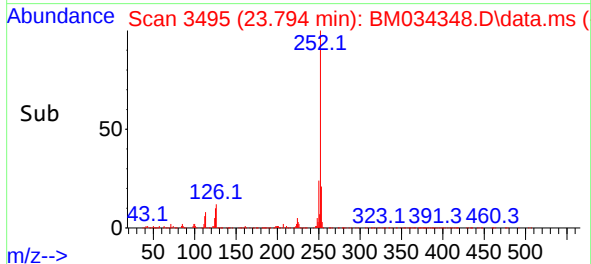
Instrument :
BNA_M
ClientSampleId :
C-18-17-18



Tgt Ion:252 Resp: 172878
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.3 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: 2.364 ng
RT: 27.182 min Scan# 4071
Delta R.T. -0.018 min
Lab File: BM034348.D
Acq: 23 Mar 2022 20:45

Tgt Ion:276 Resp: 104885
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 18.7 15.6 23.4

