

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
 Data File : BM034343.D
 Acq On : 23 Mar 2022 17:44
 Operator : CG/JU
 Sample : N2070-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 285

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 02:42:55 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	163363	20.000	ng	0.00
21) Naphthalene-d8	10.748	136	654060	20.000	ng	0.00
39) Acenaphthene-d10	14.577	164	399544	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	806397	20.000	ng	0.00
76) Chrysene-d12	21.489	240	807709	20.000	ng	0.00
86) Perylene-d12	23.900	264	872396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1102391	121.059	ng	0.00
7) Phenol-d6	7.096	99	1432002	109.832	ng	0.00
23) Nitrobenzene-d5	9.095	82	919177	68.421	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	568356	105.538	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	1904871	65.149	ng	-0.01
79) Terphenyl-d14	19.936	244	2850064	61.313	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.354	178	260170	5.761	ng	99
75) Fluoranthene	19.371	202	503057	9.937	ng	99
78) Pyrene	19.730	202	481160	8.455	ng	100
81) Benzo(a)anthracene	21.471	228	284047	5.572	ng	99
83) Chrysene	21.524	228	288902	5.549	ng	98
87) Indeno(1,2,3-cd)pyrene	26.406	276	176825	3.151	ng	99
88) Benzo(b)fluoranthene	23.165	252	392712	7.528	ng	# 96
89) Benzo(k)fluoranthene	23.212	252	116594m	2.110	ng	
90) Benzo(a)pyrene	23.789	252	253245	5.726	ng	# 96
92) Benzo(g,h,i)perylene	27.171	276	178960	3.800	ng	98

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

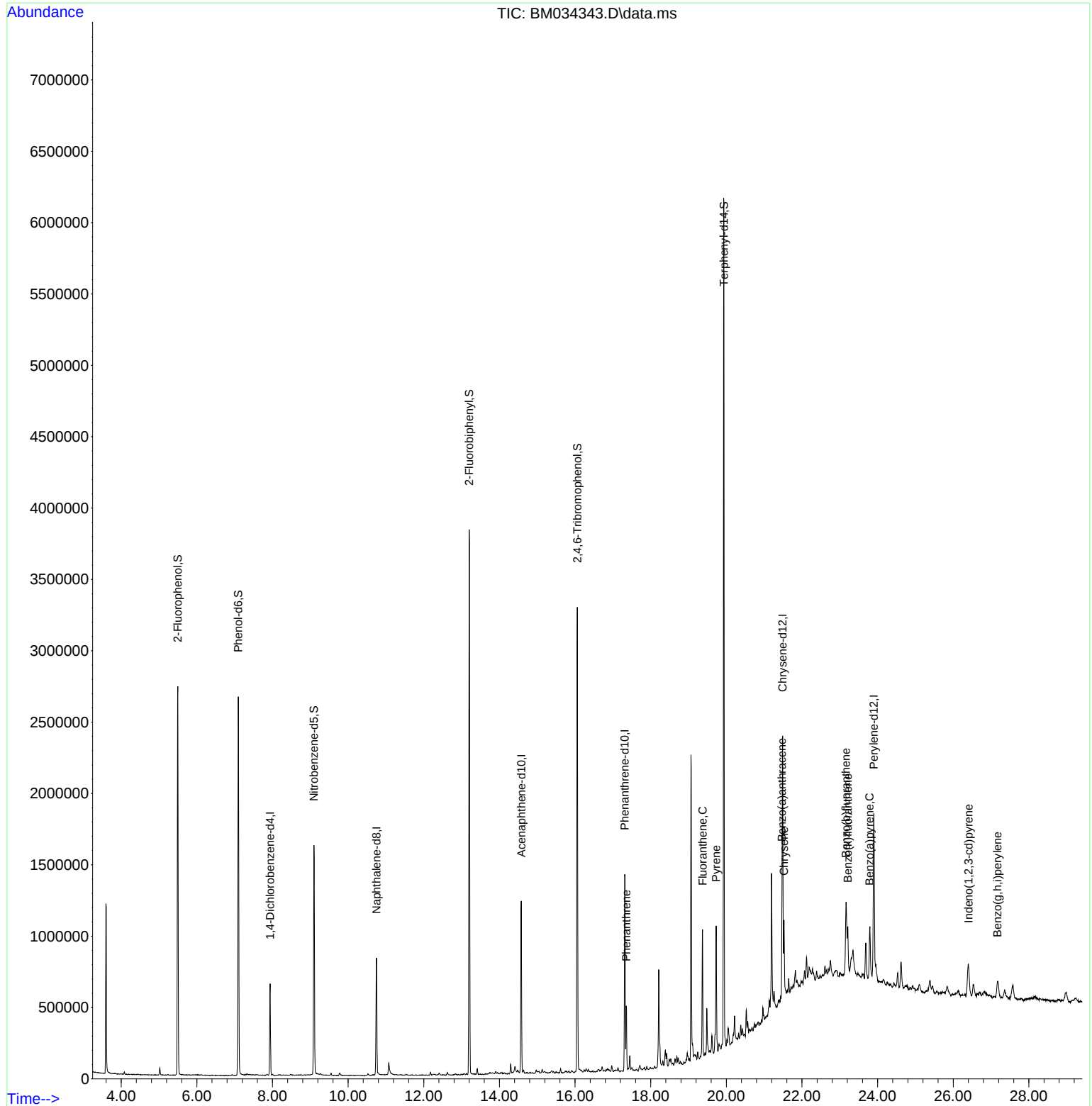
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034343.D
Acq On : 23 Mar 2022 17:44
Operator : CG/JU
Sample : N2070-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

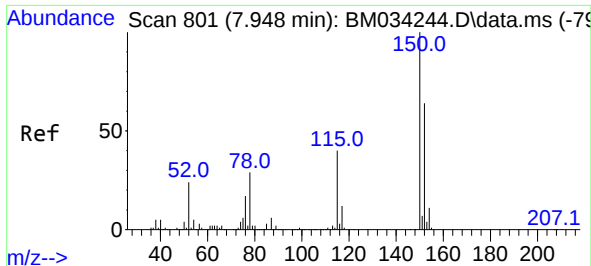
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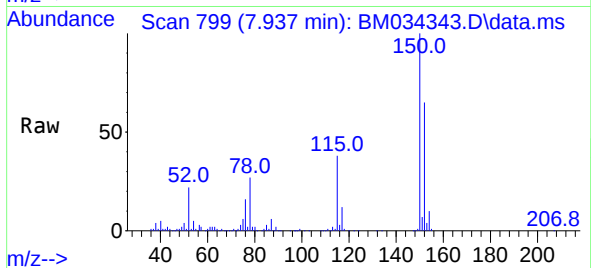
Quant Time: Mar 24 02:42:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 794
Delta R.T. -0.005 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

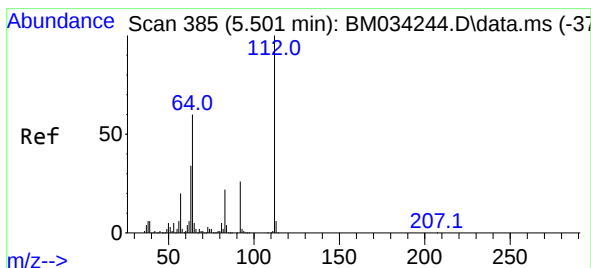
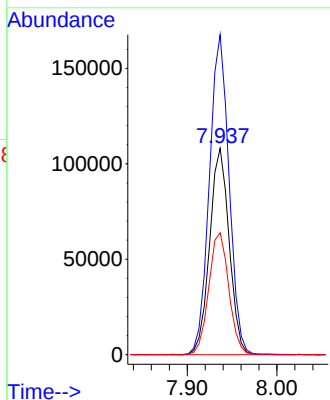
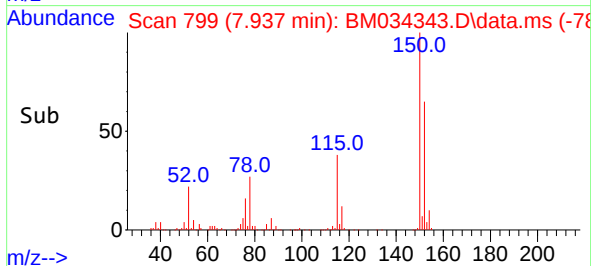
Instrument :
BNA_M
ClientSampleId :
285



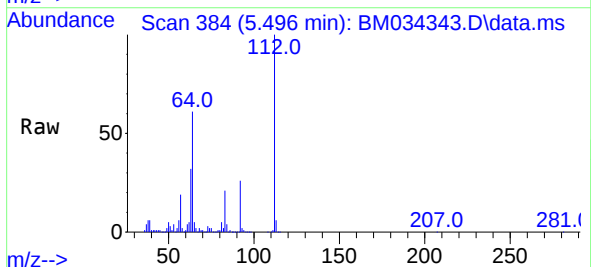
Tgt Ion:152 Resp: 16336
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.2
115 59.1 50.1 75.1

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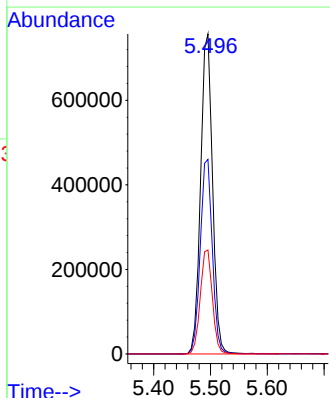
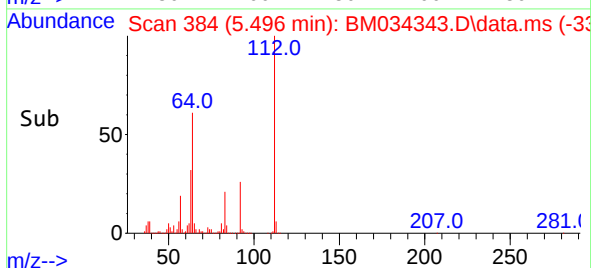
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

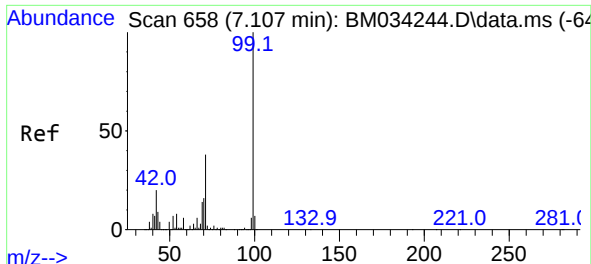


#5
2-Fluorophenol
Concen: 121.059 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44



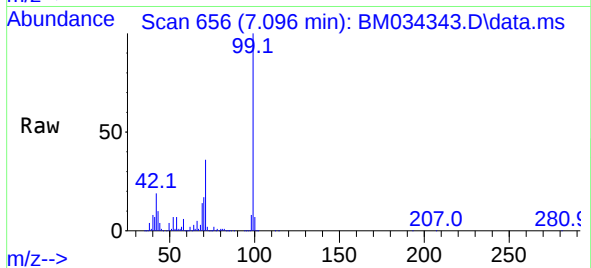
Tgt Ion:112 Resp: 1102391
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 32.5 27.1 40.7





#7
Phenol-d6
Concen: 109.832 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

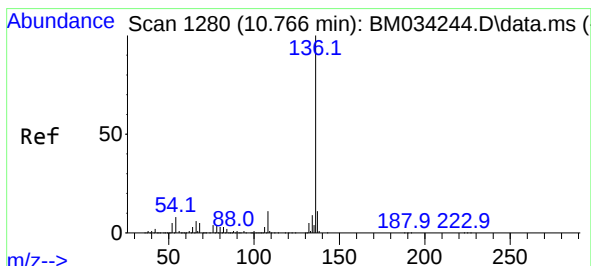
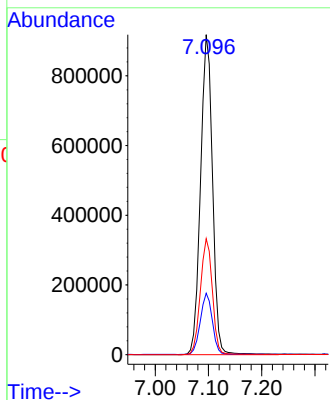
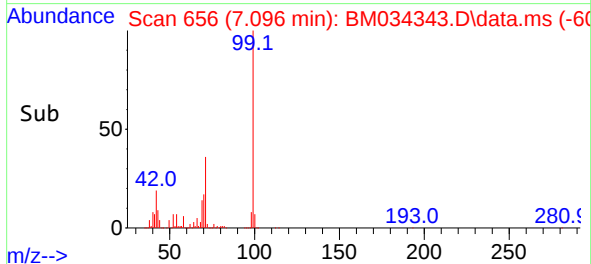
Instrument :
BNA_M
ClientSampleId :
285



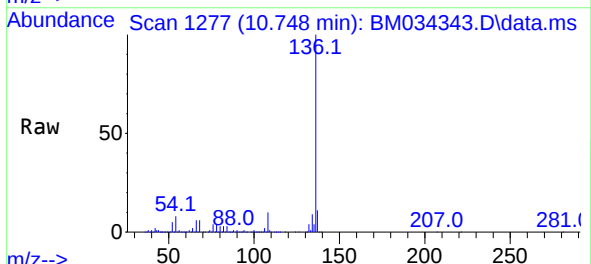
Tgt Ion: 99 Resp: 143200
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 36.2 30.6 46.0

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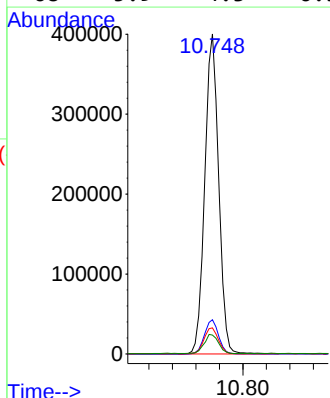
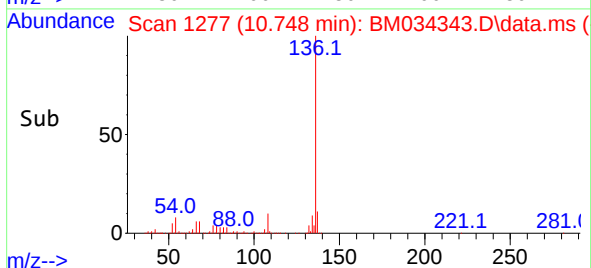
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

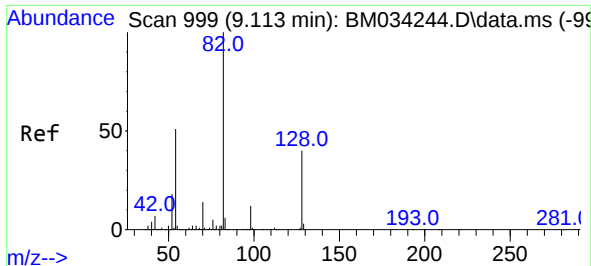


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44



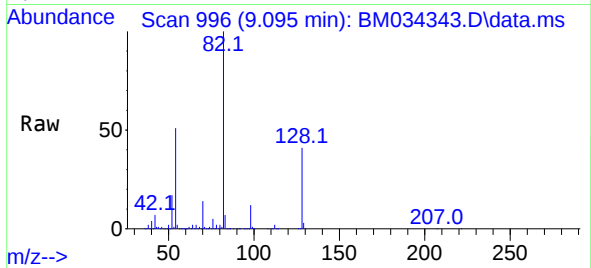
Tgt Ion:136 Resp: 654060
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 6.2 9.4
68 5.9 4.3 6.5





#23
Nitrobenzene-d5
Concen: 68.421 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

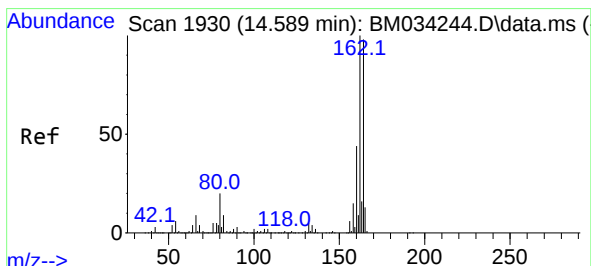
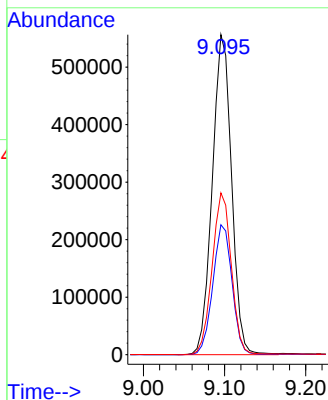
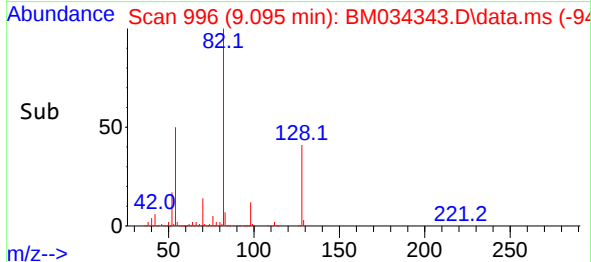
Instrument :
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ClientSampleId :
285



Tgt Ion: 82 Resp: 91917
Ion Ratio Lower Upper
82 100
128 40.6 31.9 47.9
54 50.5 40.6 61.0

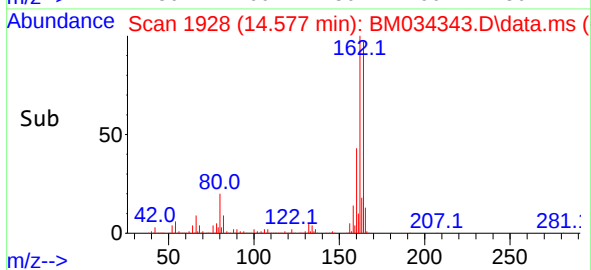
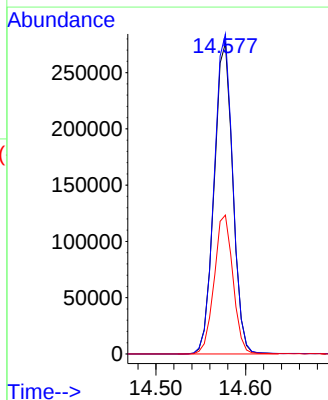
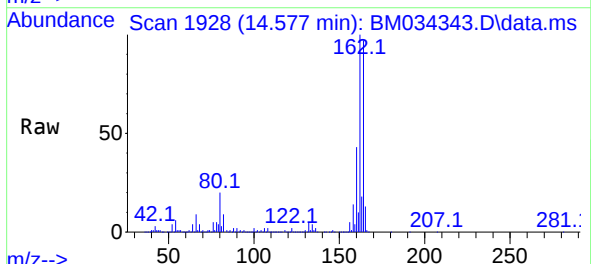
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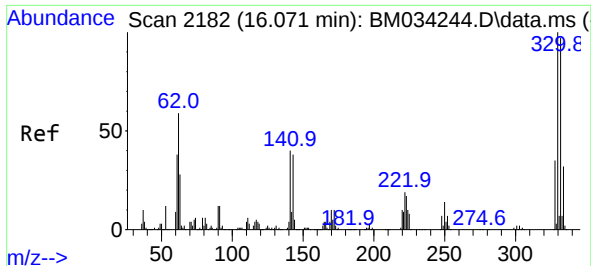
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Tgt Ion:164 Resp: 399544
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 44.7 35.6 53.4





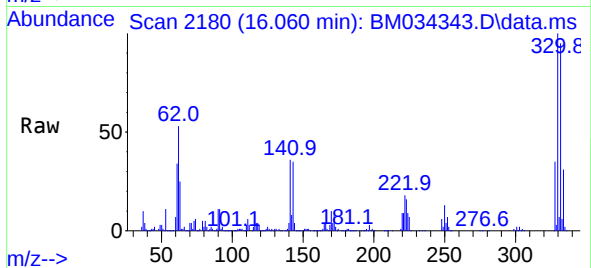
#42
2,4,6-Tribromophenol
Concen: 105.538 ng
RT: 16.060 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Instrument :

BNA_M

ClientSampleId :

285

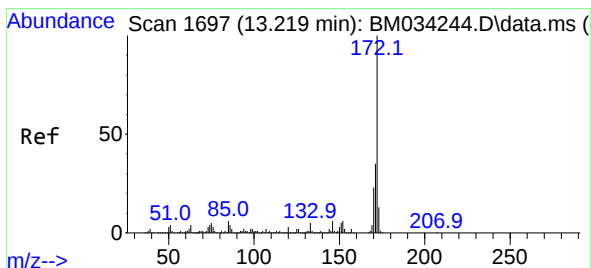
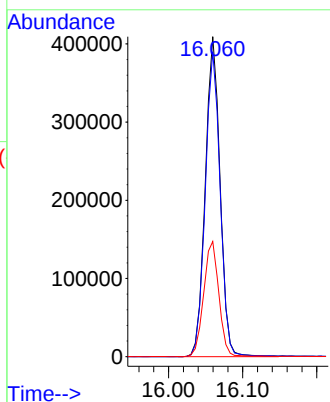
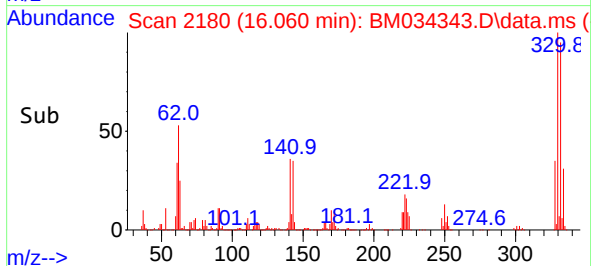


Tgt Ion:330 Resp: 568350
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 37.0 30.6 45.8

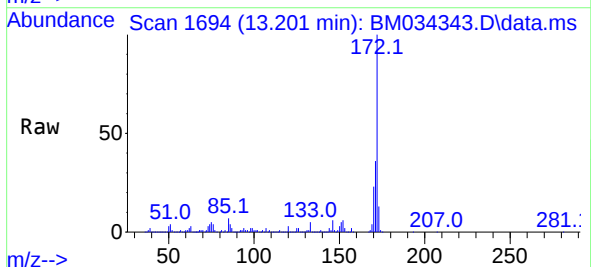
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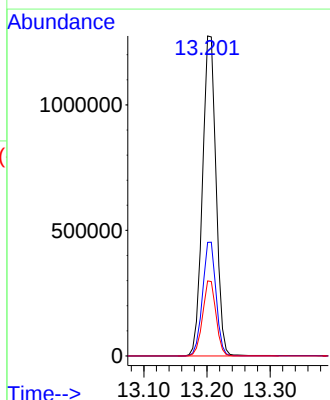
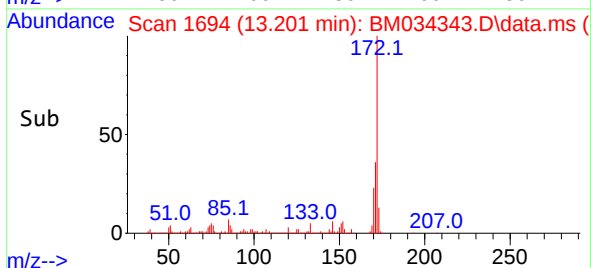
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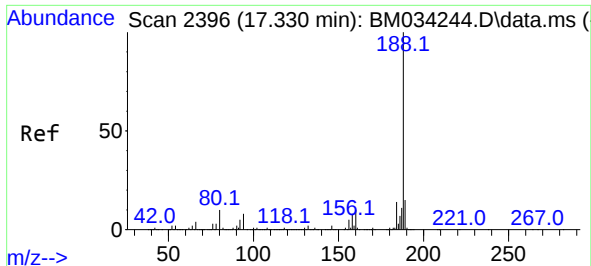


#45
2-Fluorobiphenyl
Concen: 65.149 ng
RT: 13.201 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44



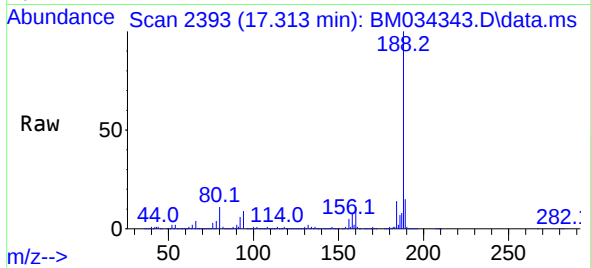
Tgt Ion:172 Resp: 1904871
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.6 28.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

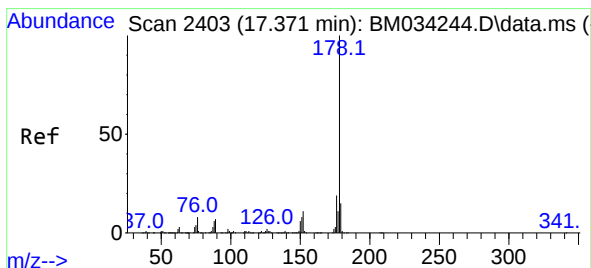
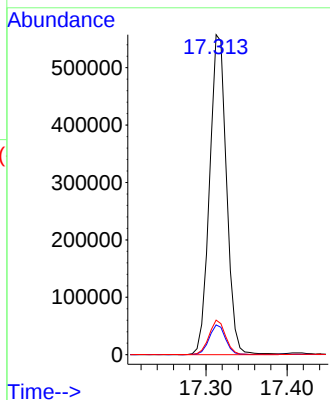
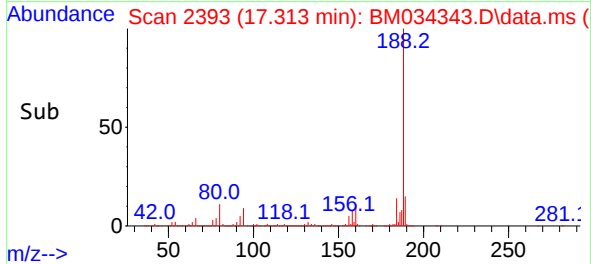
Instrument :
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ClientSampleId :
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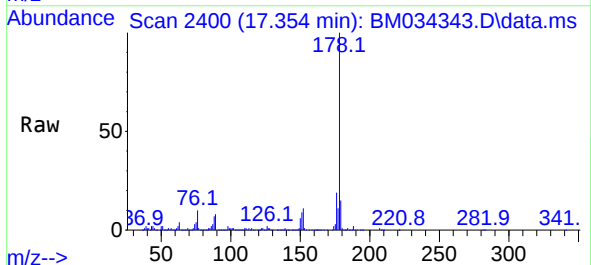
Tgt Ion:188 Resp: 80639
Ion Ratio Lower Upper
188 100
94 9.3 6.6 9.8
80 10.8 7.8 11.8

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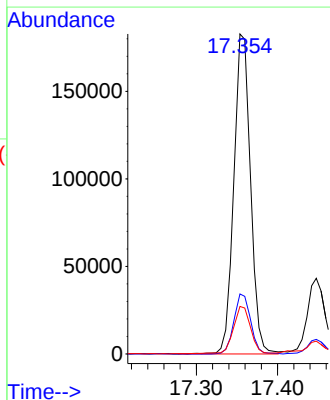
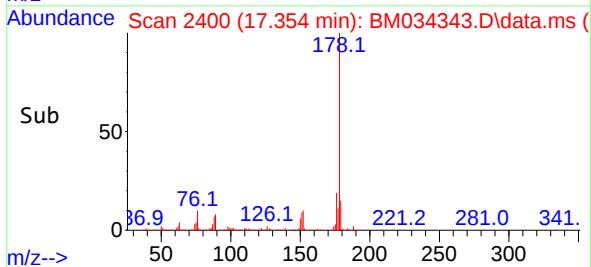
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

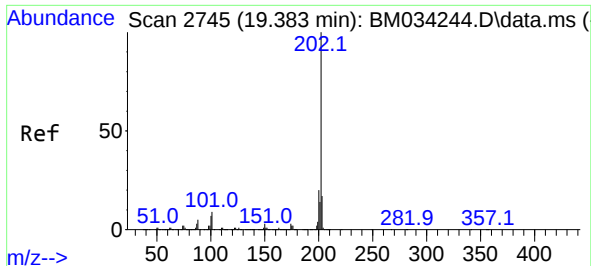


#71
Phenanthrene
Concen: 5.761 ng
RT: 17.354 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44



Tgt Ion:178 Resp: 260170
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 14.9 12.2 18.4





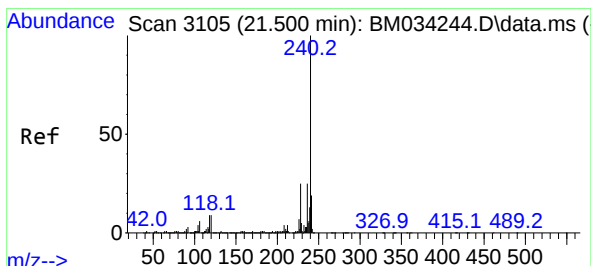
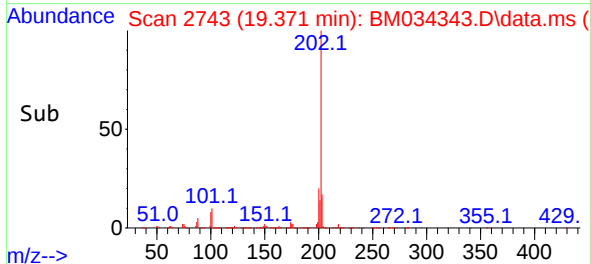
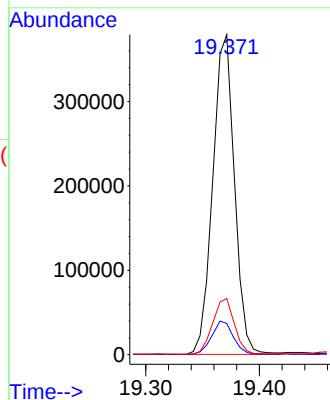
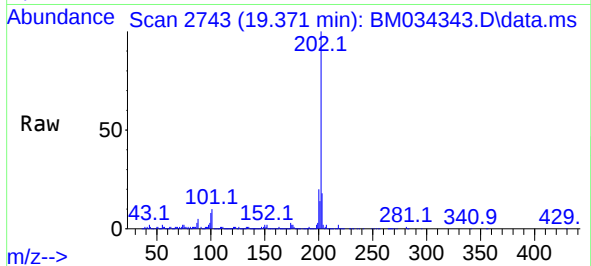
#75
Fluoranthene
Concen: 9.937 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 50305
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.4
203 17.6 0.0 37.1

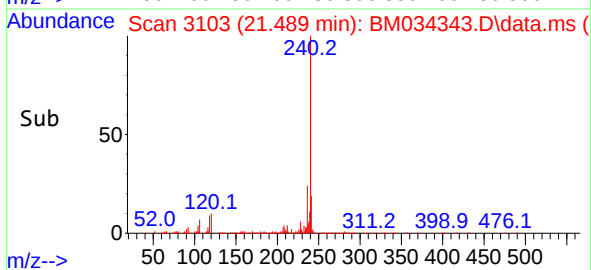
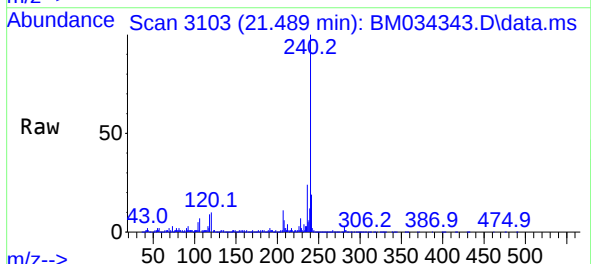
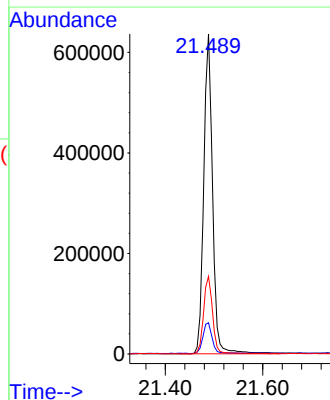
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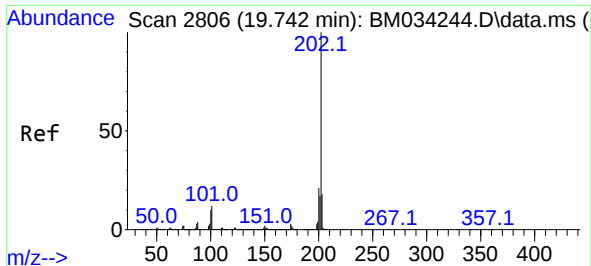
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

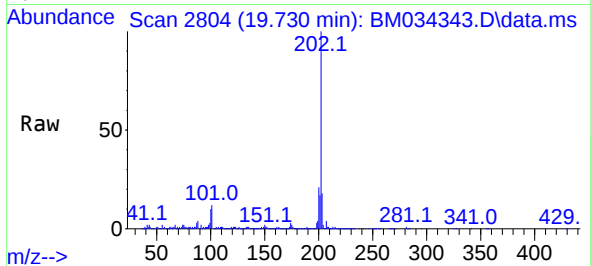
Tgt Ion:240 Resp: 807709
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 24.3 20.2 30.2





#78
Pyrene
Concen: 8.455 ng
RT: 19.730 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

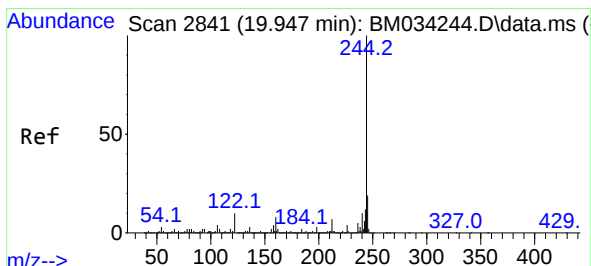
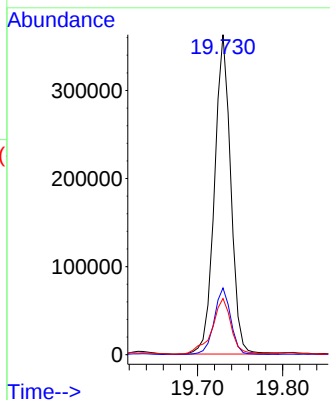
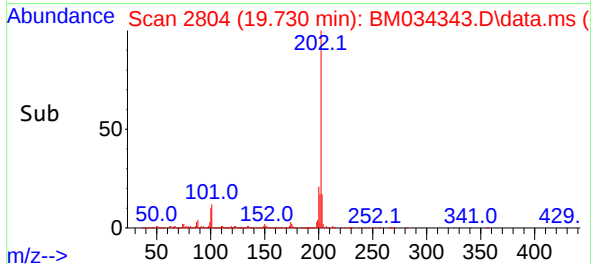
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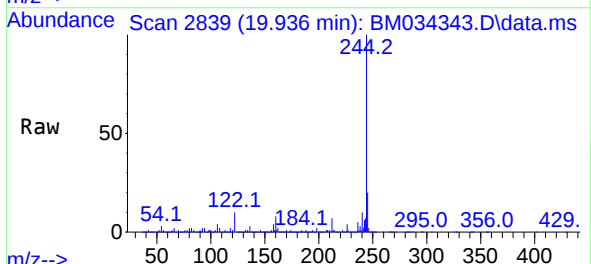
Tgt Ion:202 Resp: 481160
Ion Ratio Lower Upper
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200 20.8 16.6 24.8
203 17.6 14.1 21.1

Manual Integrations
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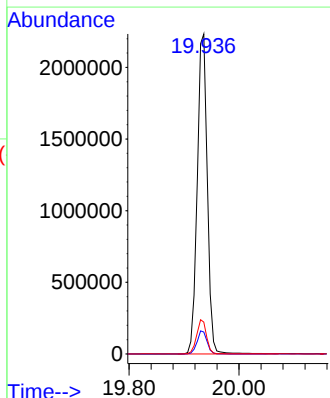
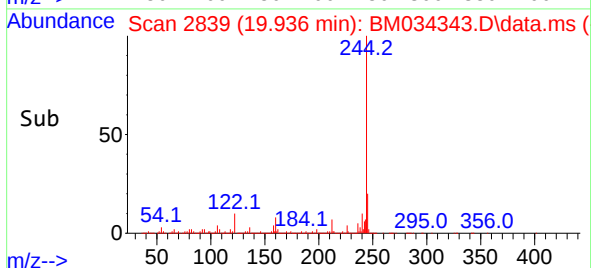
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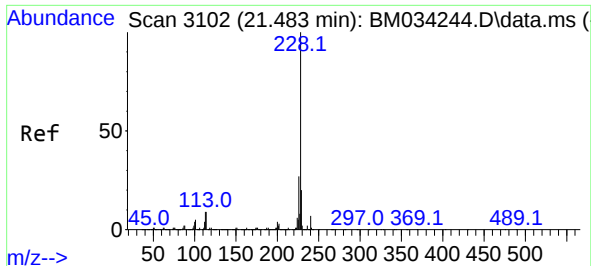


#79
Terphenyl-d14
Concen: 61.313 ng
RT: 19.936 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44



Tgt Ion:244 Resp: 2850064
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.9 7.8 11.8





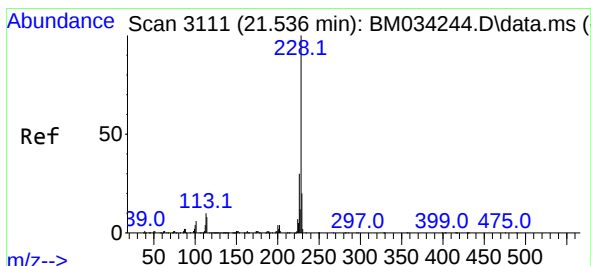
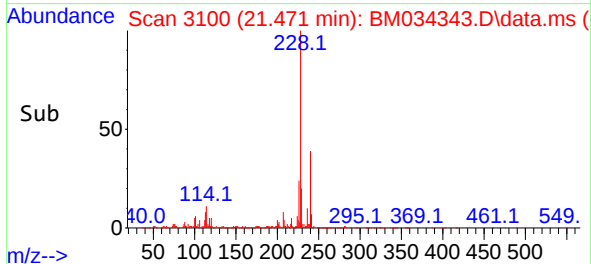
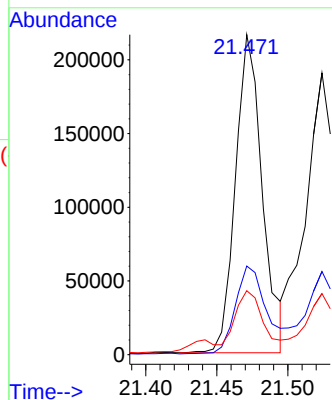
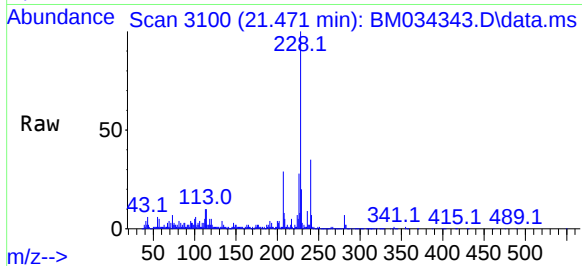
#81
Benzo(a)anthracene
Concen: 5.572 ng
RT: 21.471 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Instrument :
BNA_M
ClientSampleId :
285

Tgt Ion:228 Resp: 28404
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.0 15.8 23.6

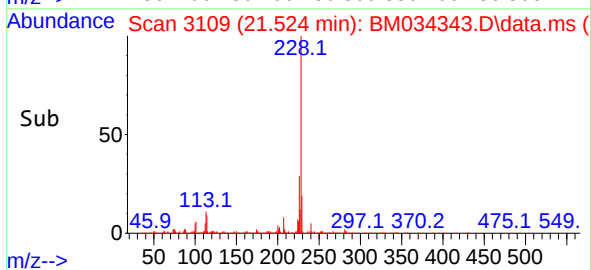
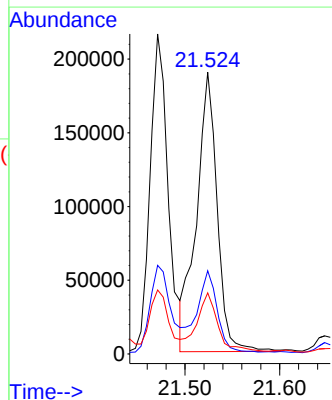
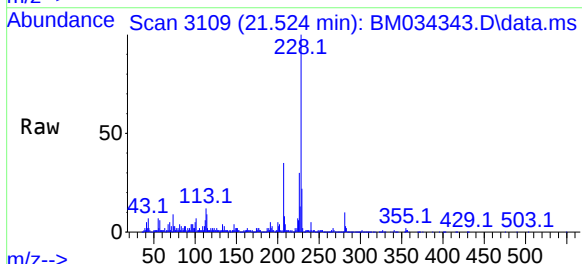
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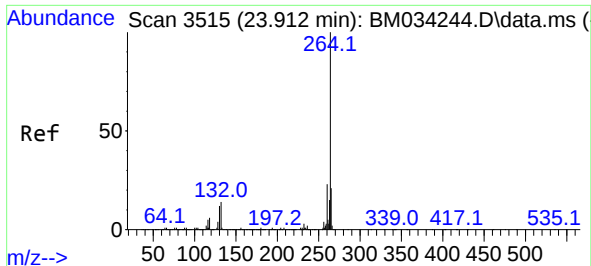
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#83
Chrysene
Concen: 5.549 ng
RT: 21.524 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

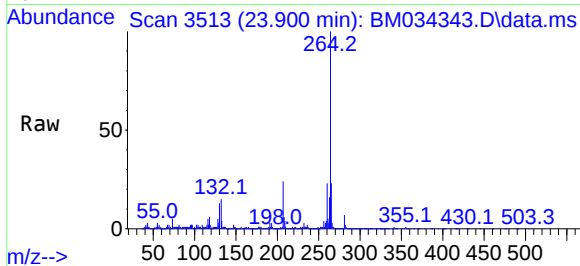
Tgt Ion:228 Resp: 288902
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.7 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

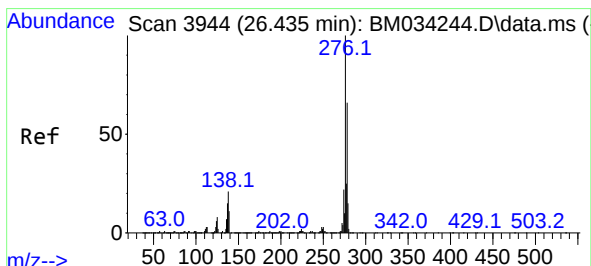
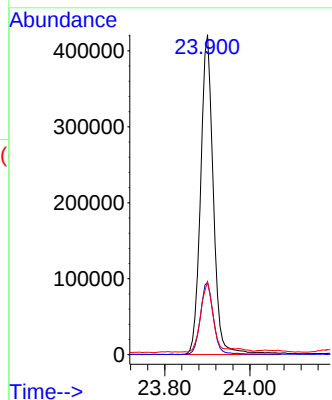
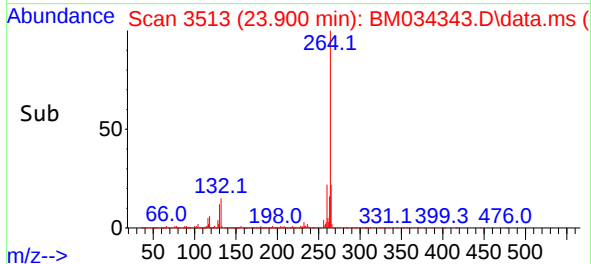
Instrument :
BNA_M
ClientSampleId :
285



Tgt Ion:264 Resp: 872390
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 22.8 17.6 26.4

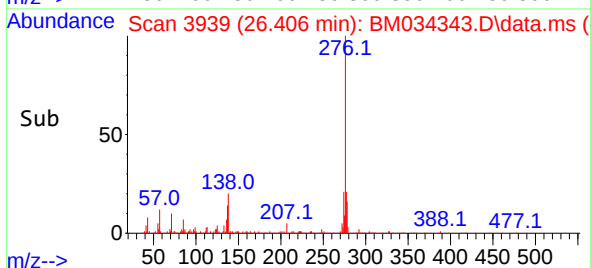
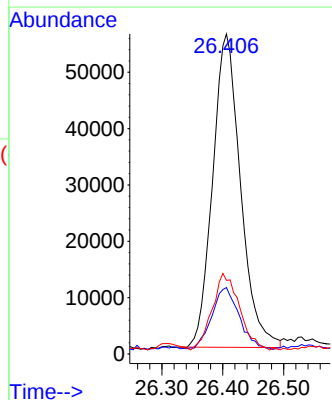
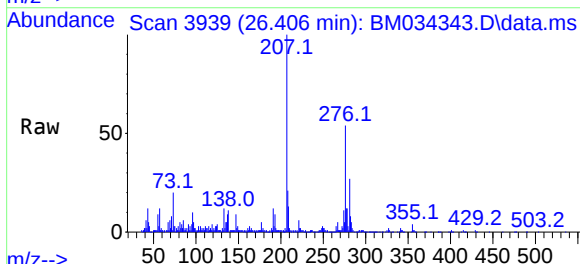
Manual Integrations
APPROVED

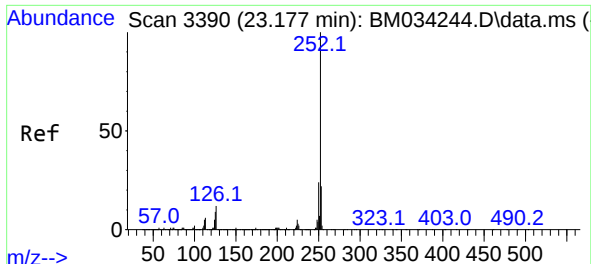
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.151 ng
RT: 26.406 min Scan# 3939
Delta R.T. -0.018 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Tgt Ion:276 Resp: 176825
Ion Ratio Lower Upper
276 100
138 19.6 16.6 25.0
277 24.6 19.8 29.6





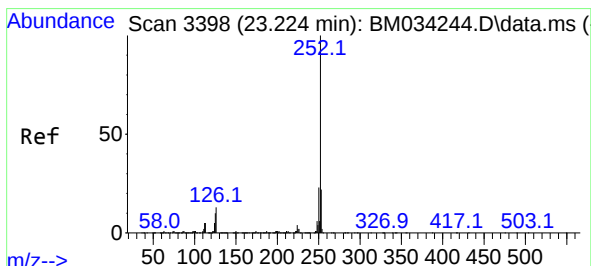
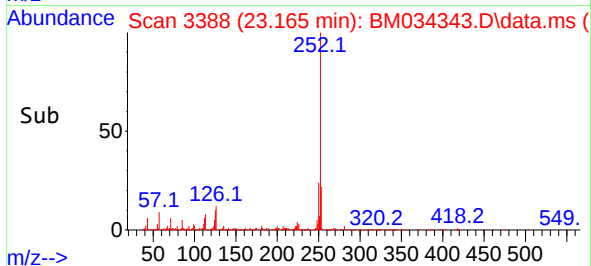
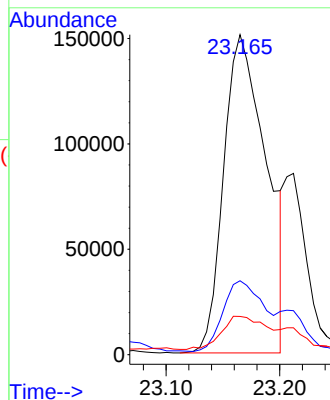
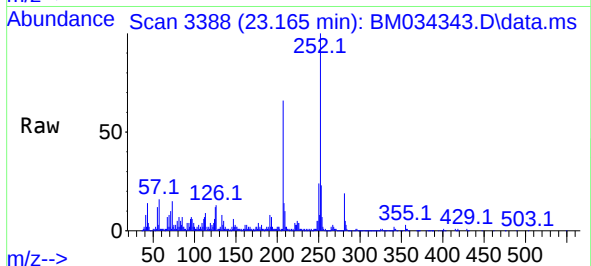
#88
Benzo(b)fluoranthene
Concen: 7.528 ng
RT: 23.165 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Instrument :
BNA_M
ClientSampleId :
285

Tgt Ion:252 Resp: 39271
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 12.0 7.2 10.8

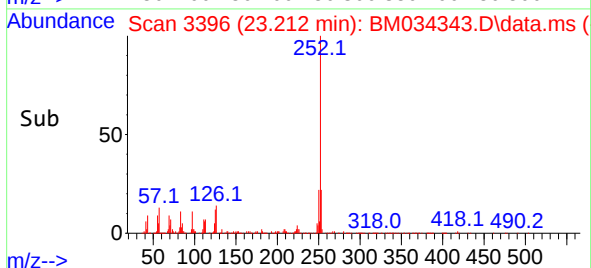
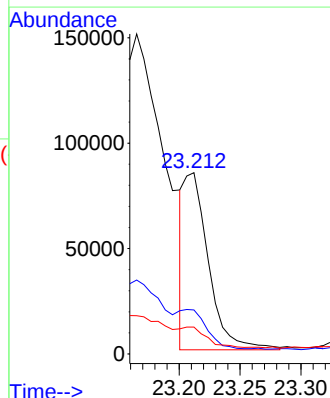
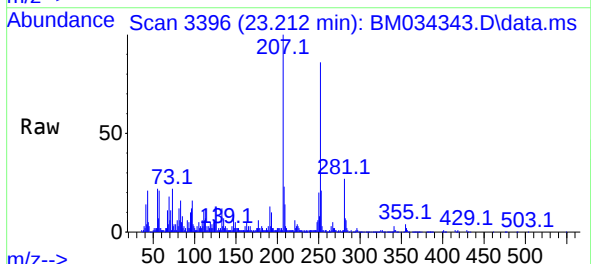
Manual Integrations
APPROVED

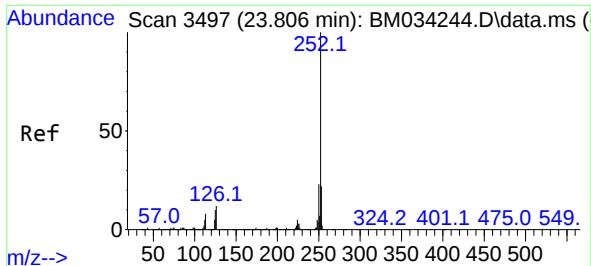
Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022



#89
Benzo(k)fluoranthene
Concen: 2.110 ng m
RT: 23.212 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

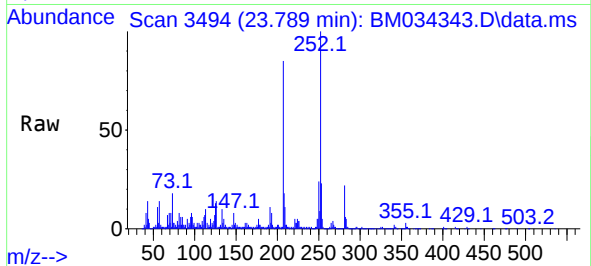
Tgt Ion:252 Resp: 116594
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 14.8 7.5 11.3





#90
Benzo(a)pyrene
Concen: 5.726 ng
RT: 23.789 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

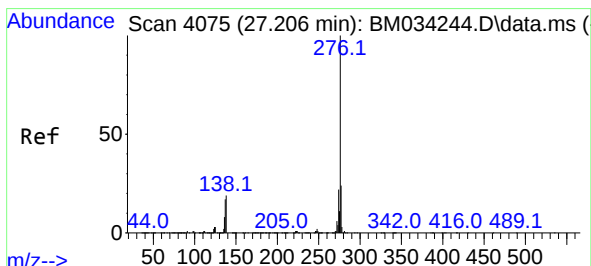
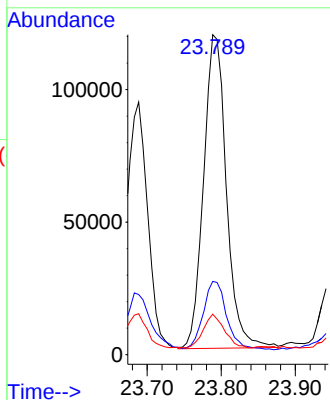
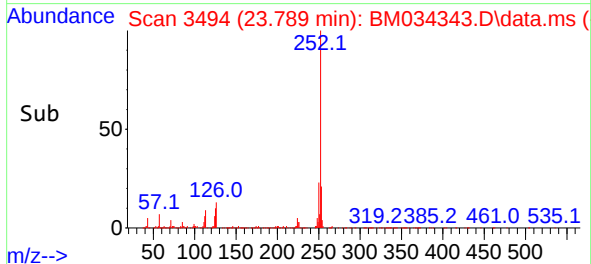
Instrument :
BNA_M
ClientSampleId :
285



Tgt Ion:252 Resp: 25324
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.6 7.8 11.6

Manual Integrations
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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: 3.800 ng
RT: 27.171 min Scan# 4069
Delta R.T. -0.029 min
Lab File: BM034343.D
Acq: 23 Mar 2022 17:44

Tgt Ion:276 Resp: 178960
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 21.2 15.6 23.4

