

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009356.D
 Acq On : 10 Mar 2022 21:45
 Operator : CG/JU
 Sample : N1843-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/11/2022
 Supervised By : Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 05:04:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	516982	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2212521	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1452351	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3110067	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2303441	20.000	ng	0.00
86) Perylene-d12	23.739	264	2318790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1267131	35.777	ng	0.00
7) Phenol-d6	6.993	99	1693490	37.626	ng	0.00
23) Nitrobenzene-d5	8.969	82	1080136	26.889	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	913849	52.109	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2494283	23.618	ng	0.00
79) Terphenyl-d14	19.792	244	3693867	30.263	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.016	94	110311	2.367	ng	87
71) Phenanthrene	17.263	178	2395066	13.400	ng	100
72) Anthracene	17.351	178	619564	3.483	ng	99
73) Carbazole	17.622	167	396060	2.443	ng	100
75) Fluoranthene	19.239	202	7081253	34.324	ng	99
78) Pyrene	19.592	202	6640807	42.700	ng	99
81) Benzo(a)anthracene	21.316	228	3854821	24.690	ng	98
83) Chrysene	21.363	228	3728396	24.596	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	223885	2.494	ng	# 97
87) Indeno(1,2,3-cd)pyrene	26.251	276	3105802	17.239	ng	# 92
88) Benzo(b)fluoranthene	23.010	252	5604172m	35.795	ng	
89) Benzo(k)fluoranthene	23.051	252	2000006m	13.372	ng	
90) Benzo(a)pyrene	23.633	252	4133830	27.839	ng	97
91) Dibenzo(a,h)anthracene	26.256	278	790246	5.173	ng	# 79
92) Benzo(g,h,i)perylene	27.027	276	3143509	20.829	ng	96

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

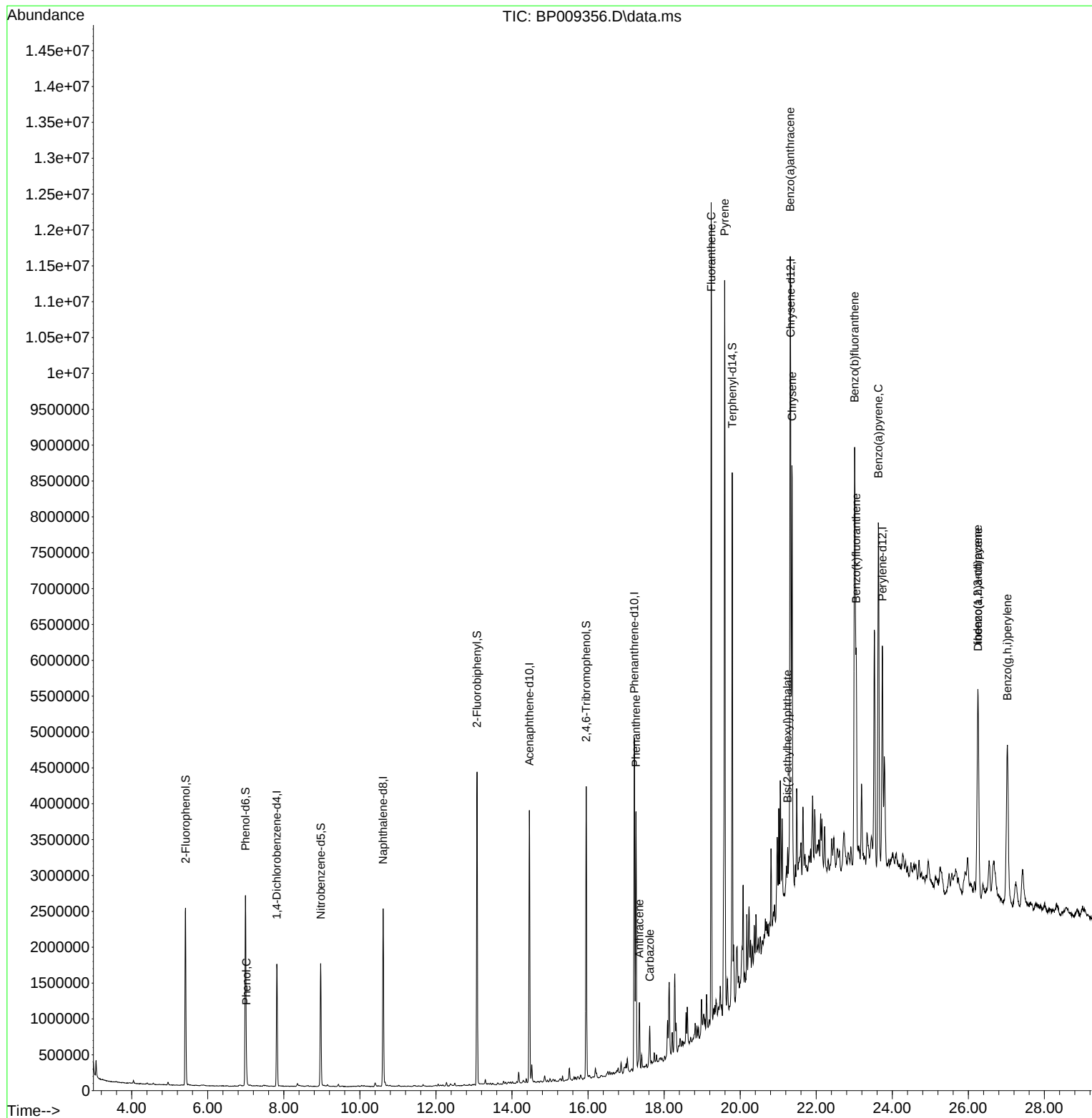
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009356.D
Acq On : 10 Mar 2022 21:45
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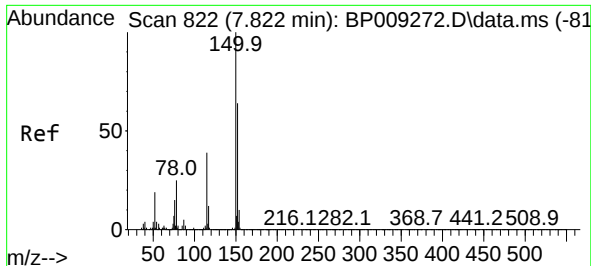
Instrument :
BNA_P
ClientSampleId :
FS-1

Quant Time: Mar 11 05:04:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

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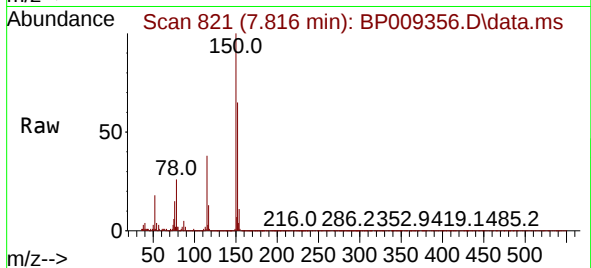
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

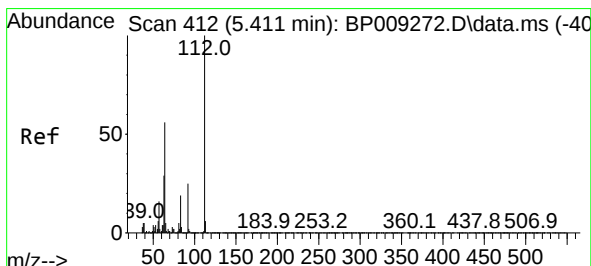
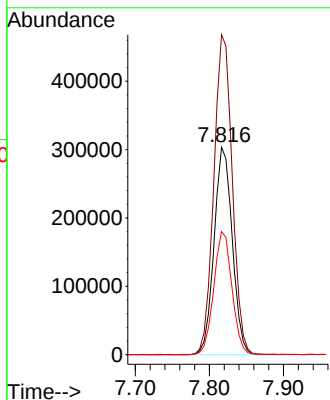
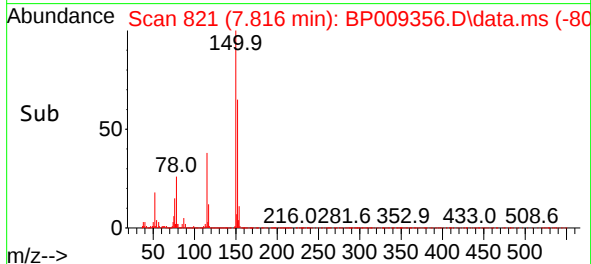
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion:152 Resp: 51698
Ion Ratio Lower Upper
152 100
150 154.2 124.5 186.7
115 59.3 48.2 72.4

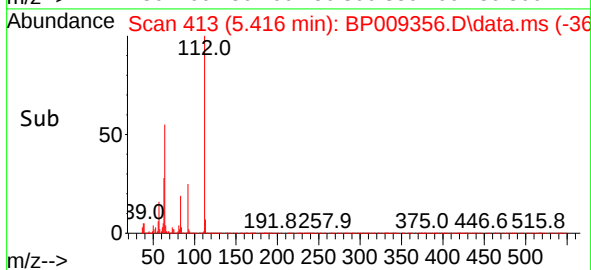
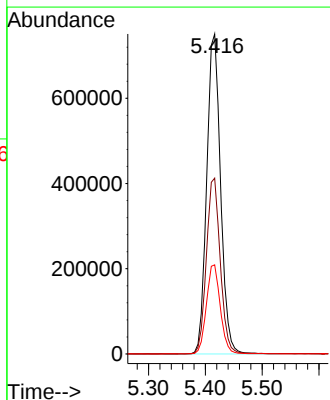
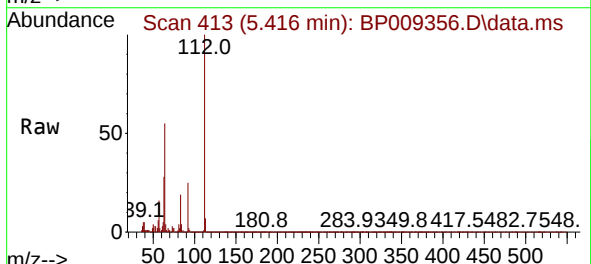
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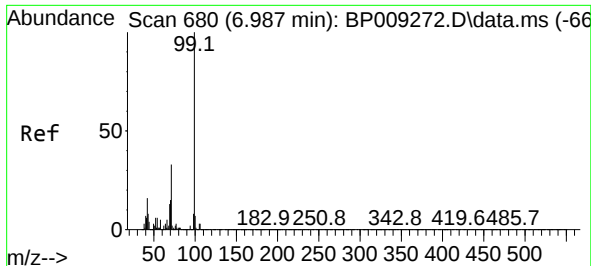
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#5
2-Fluorophenol
Concen: 35.777 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Tgt Ion:112 Resp: 1267131
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 27.8 23.0 34.6





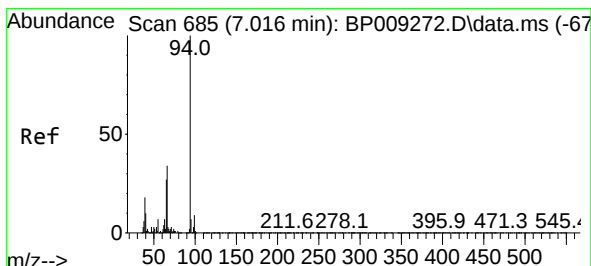
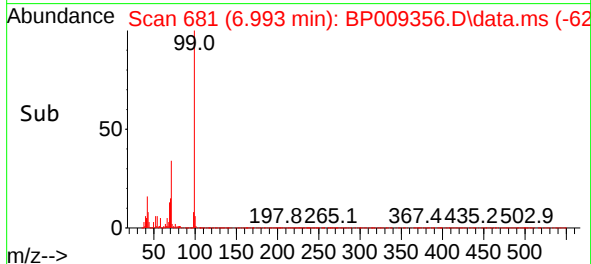
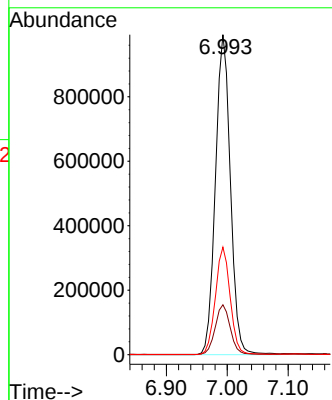
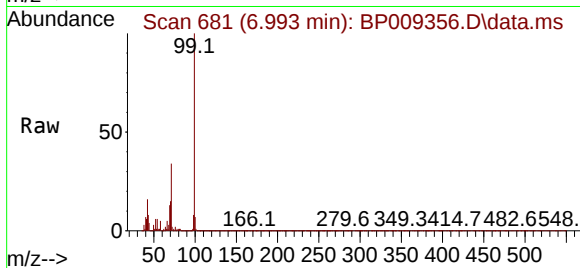
#7
Phenol-d6
Concen: 37.626 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Instrument :
BNA_P
ClientSampleId :
FS-1

Tgt Ion: 99 Resp: 1693490
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.6 26.3 39.5

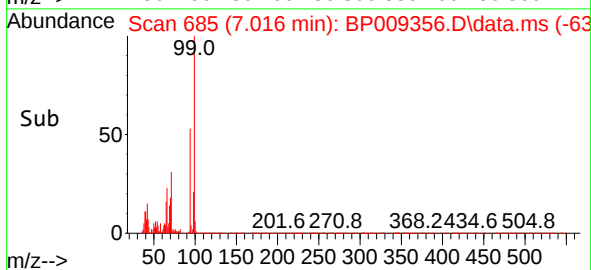
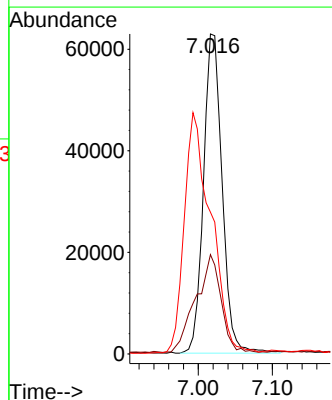
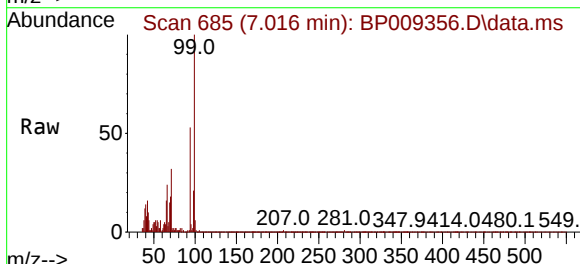
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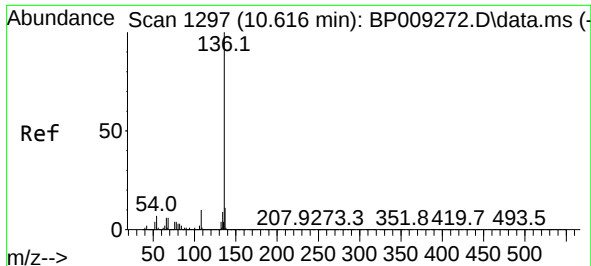
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#10
Phenol
Concen: 2.367 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

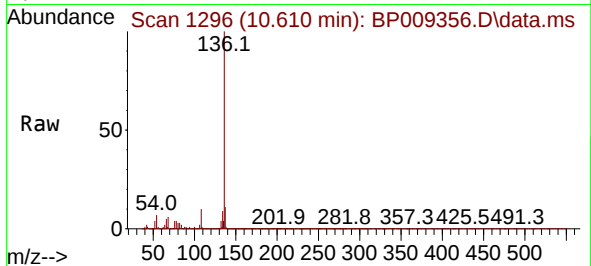
Tgt Ion: 94 Resp: 110311
Ion Ratio Lower Upper
94 100
65 31.1 7.2 47.2
66 44.3 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

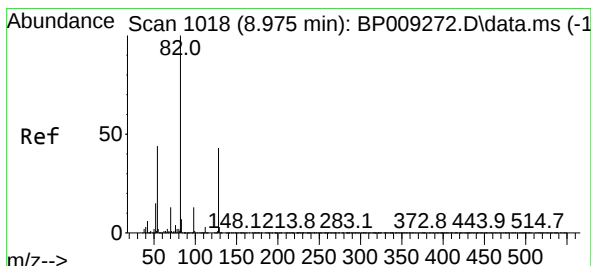
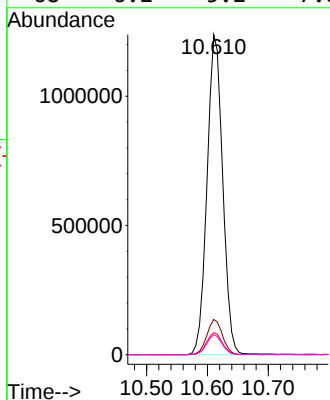
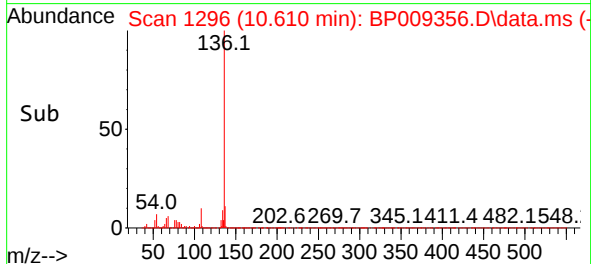
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion: 136 Resp: 221252
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.8 5.8 8.8
68 6.2 5.2 7.8

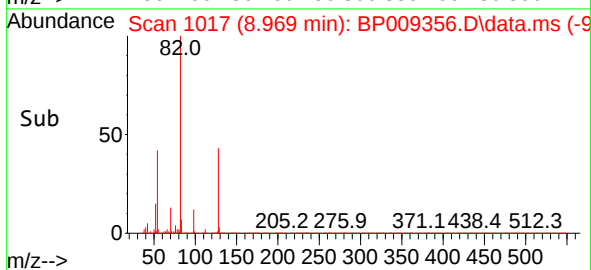
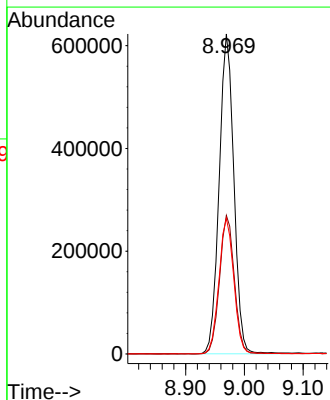
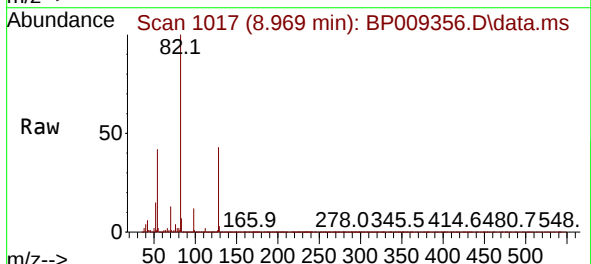
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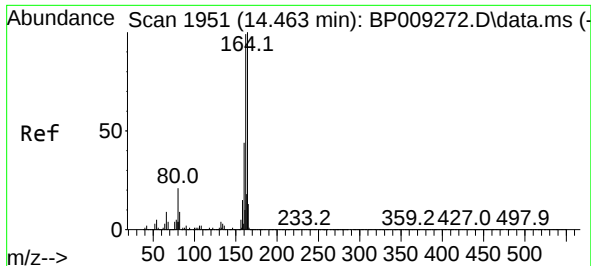
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#23
Nitrobenzene-d5
Concen: 26.889 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Tgt Ion: 82 Resp: 1080136
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 42.4 34.7 52.1





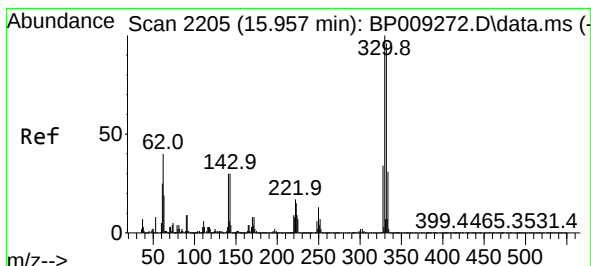
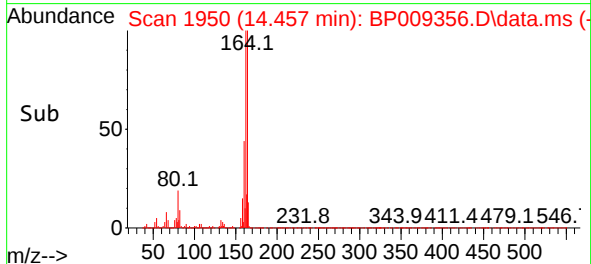
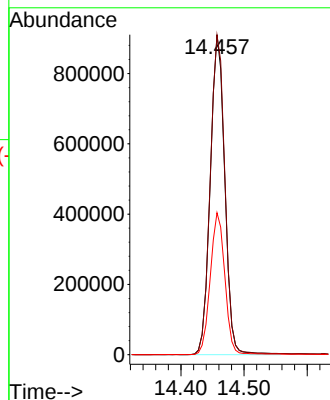
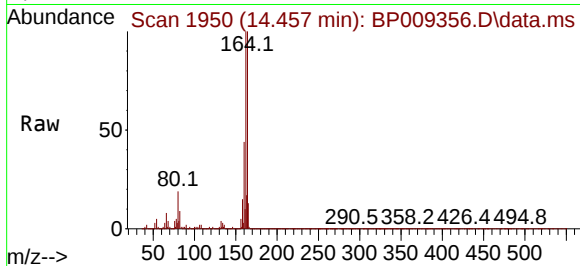
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Instrument :
BNA_P
ClientSampleId :
FS-1

Tgt Ion:164 Resp: 145235
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.4 34.9 52.3

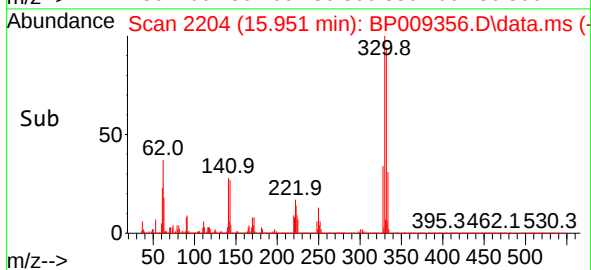
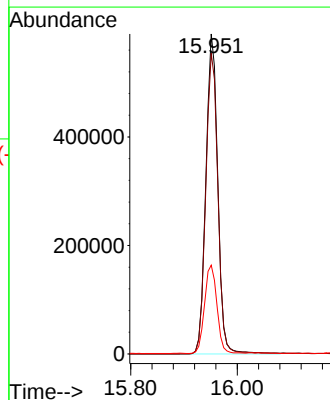
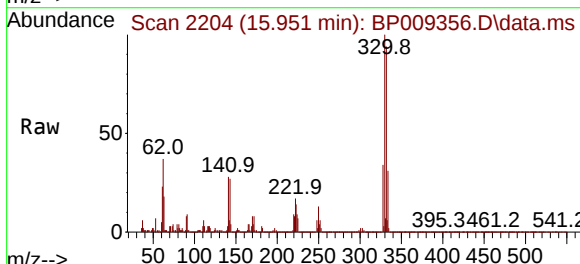
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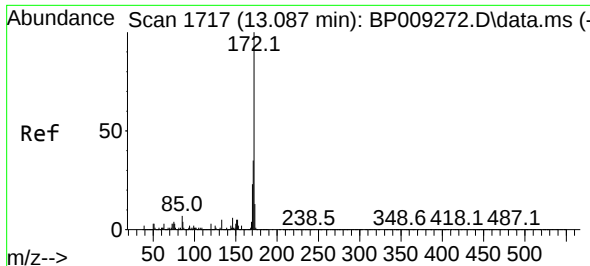
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#42
2,4,6-Tribromophenol
Concen: 52.109 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

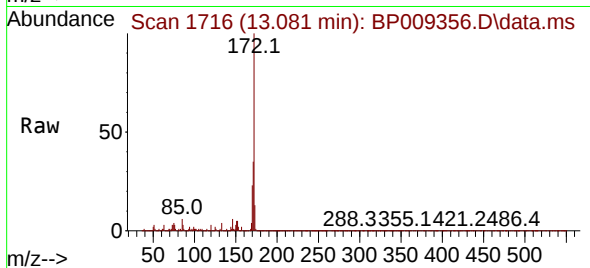
Tgt Ion:330 Resp: 913849
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 28.6 27.6 41.4





#45
2-Fluorobiphenyl
Concen: 23.618 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

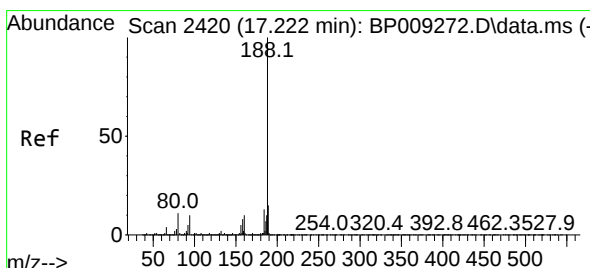
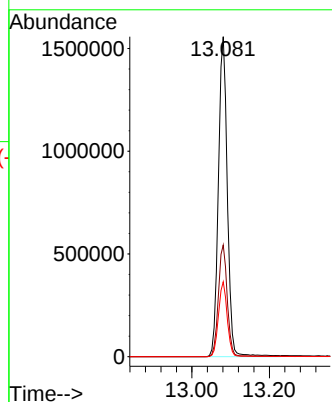
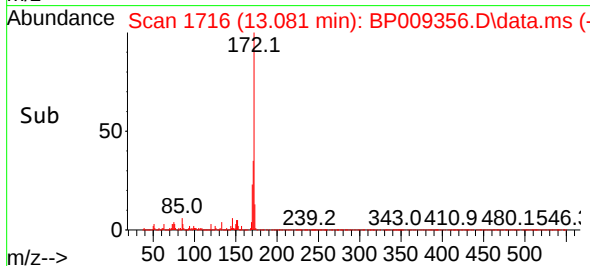
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion:172 Resp: 249428
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.6 27.8

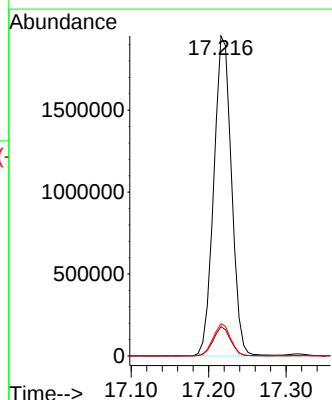
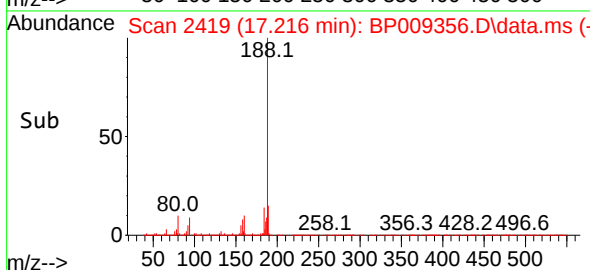
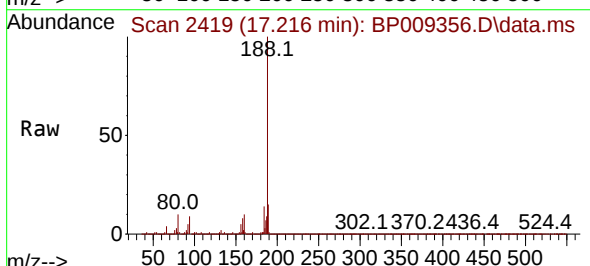
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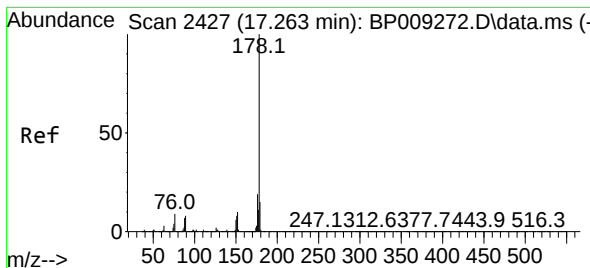
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

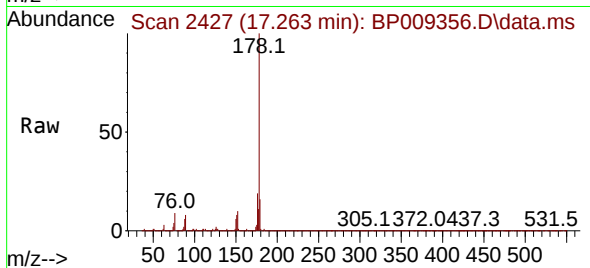
Tgt Ion:188 Resp: 3110067
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.1 8.8 13.2





#71
Phenanthrene
Concen: 13.400 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

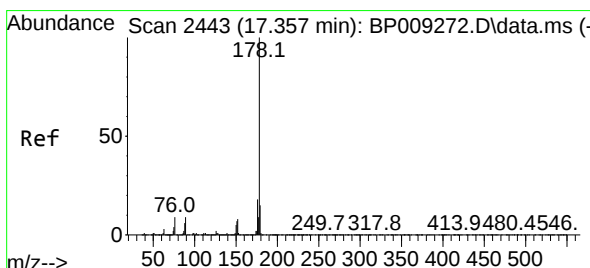
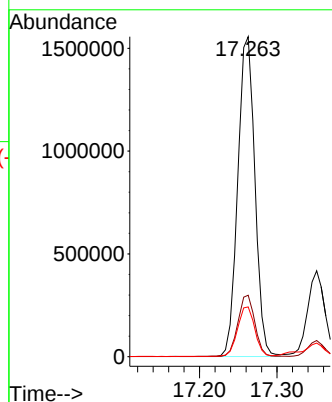
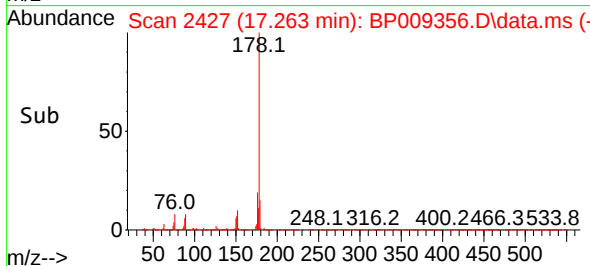
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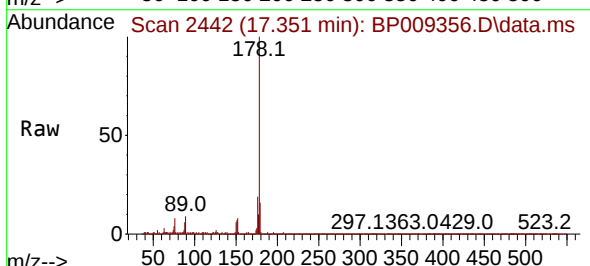
Tgt Ion:178 Resp: 2395064
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.3 18.5

Manual Integrations
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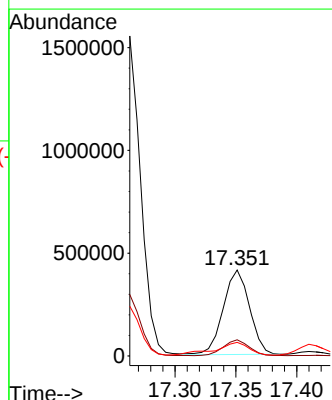
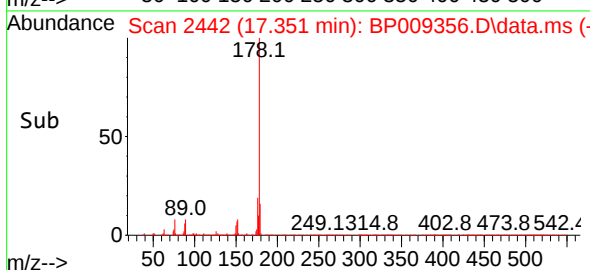
Reviewed By :Christian Giraldo 03/11/2022
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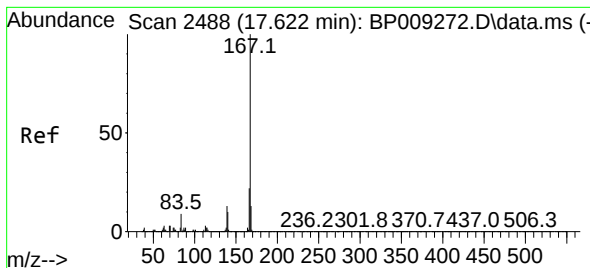


#72
Anthracene
Concen: 3.483 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45



Tgt Ion:178 Resp: 619564
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.8 12.2 18.4





#73

Carbazole

Concen: 2.443 ng

RT: 17.622 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

Instrument :

BNA_P

ClientSampleId :

FS-1

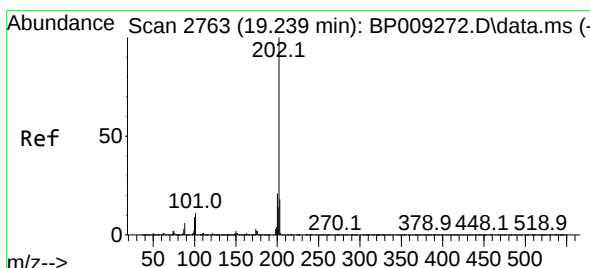
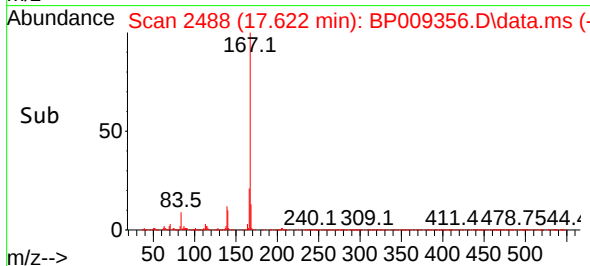
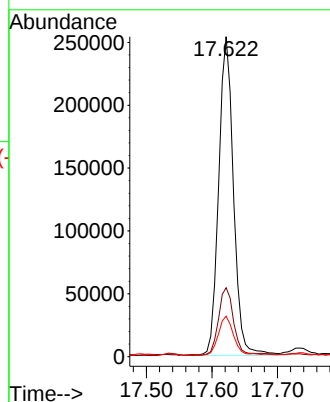
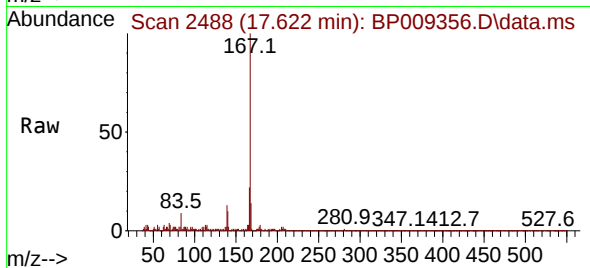
Tgt Ion:167	Resp: 396060
Ion Ratio	Lower Upper
167 100	
166 21.6	17.2 25.8
139 12.6	10.3 15.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/11/2022



#75

Fluoranthene

Concen: 34.324 ng

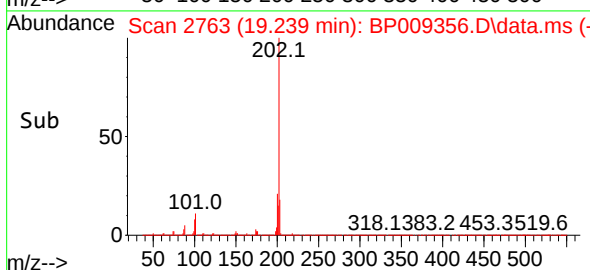
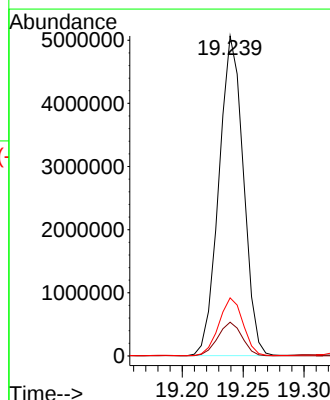
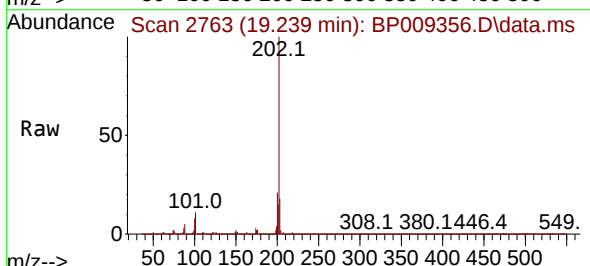
RT: 19.239 min Scan# 2763

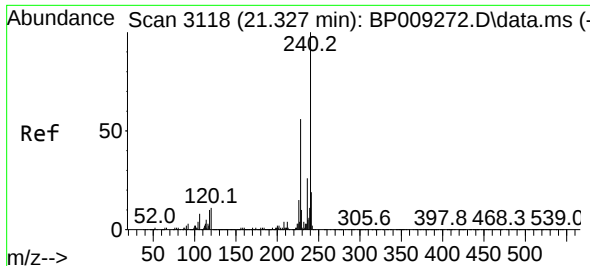
Delta R.T. -0.000 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

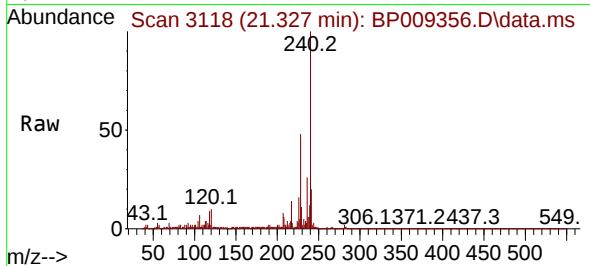
Tgt Ion:202	Resp: 7081253
Ion Ratio	Lower Upper
202 100	
101 10.5	0.0 31.5
203 18.1	0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

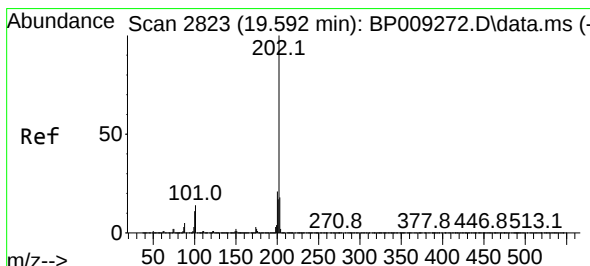
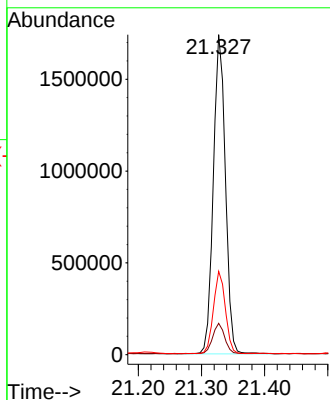
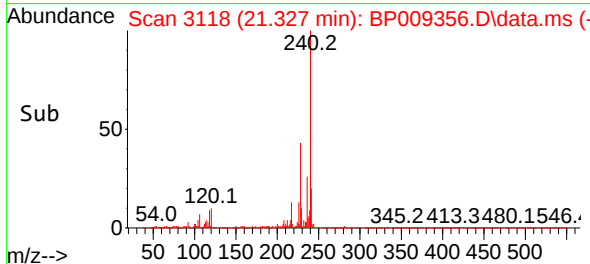
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion:240 Resp: 230344
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.0 20.6 30.8

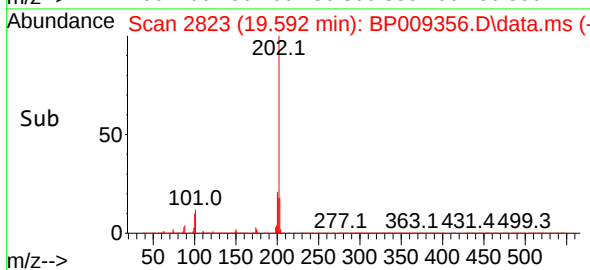
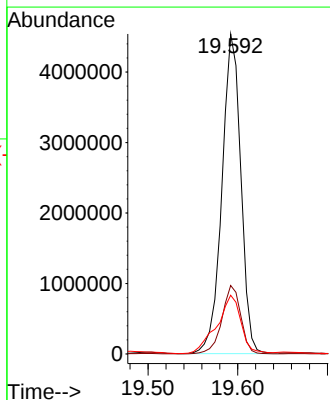
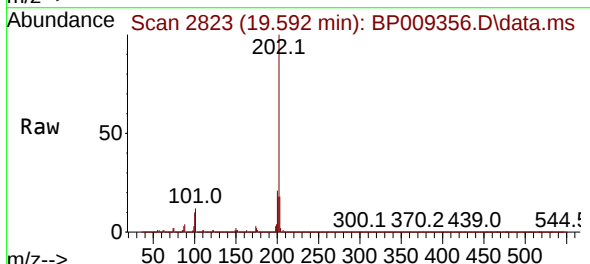
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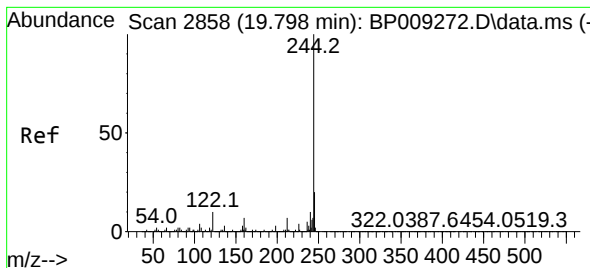
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#78
Pyrene
Concen: 42.700 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Tgt Ion:202 Resp: 6640807
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 30.263 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

Instrument :

BNA_P

ClientSampleId :

FS-1

Tgt Ion:244 Resp: 369386

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

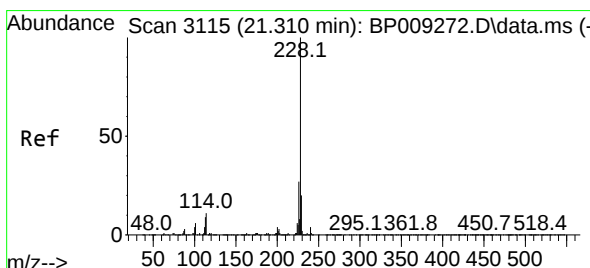
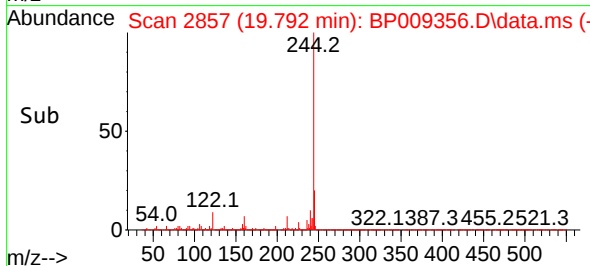
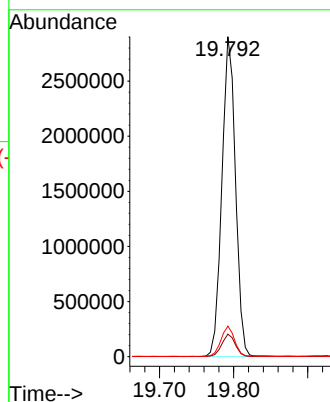
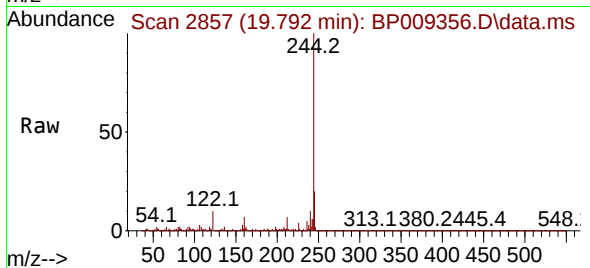
122 9.6 8.3 12.5

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Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#81

Benzo(a)anthracene

Concen: 24.690 ng

RT: 21.316 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

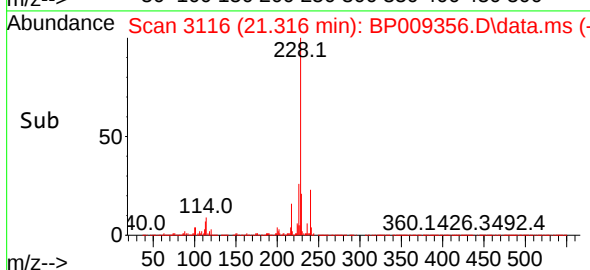
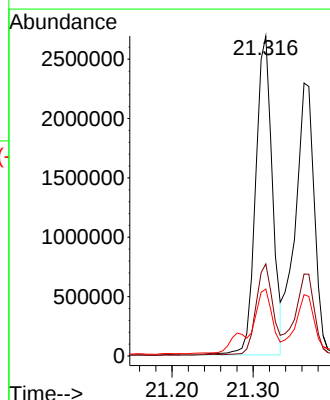
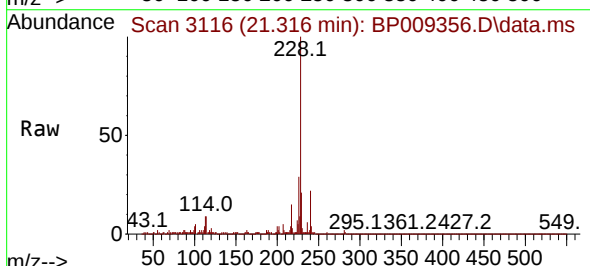
Tgt Ion:228 Resp: 3854821

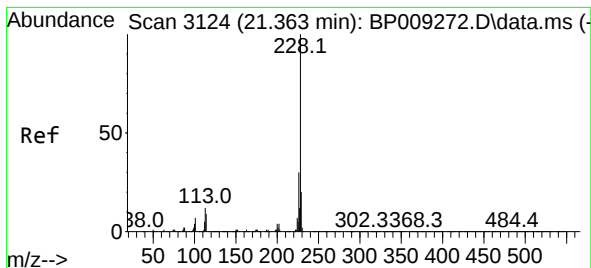
Ion Ratio Lower Upper

228 100

226 28.8 22.0 33.0

229 20.9 16.1 24.1





#83

Chrysene

Concen: 24.596 ng

RT: 21.363 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

Instrument :

BNA_P

ClientSampleId :

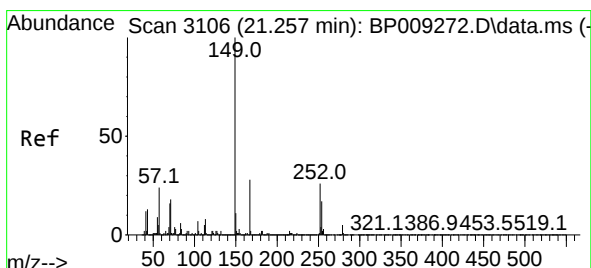
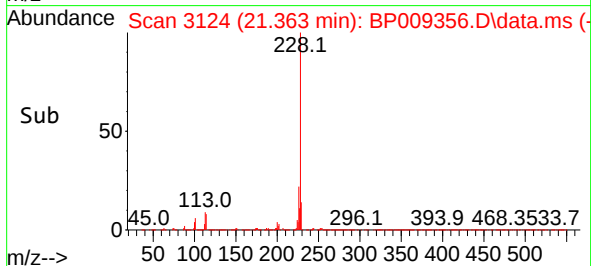
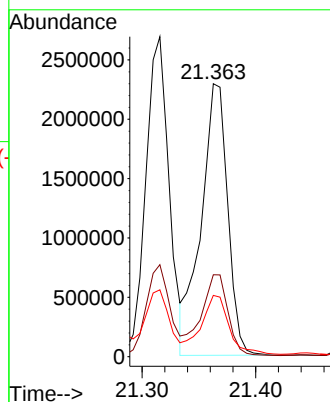
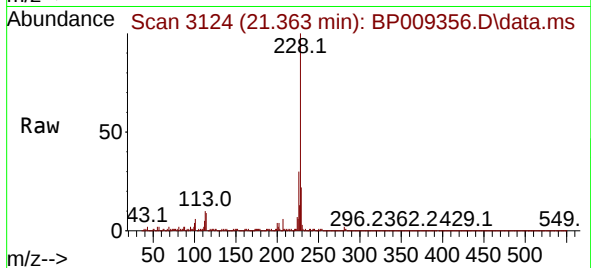
FS-1

Tgt Ion:228 Resp: 3728390
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 22.4 16.1 24.1

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Reviewed By :Christian Giraldo 03/11/2022
 Supervised By :Jagrut Upadhyay 03/11/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.494 ng

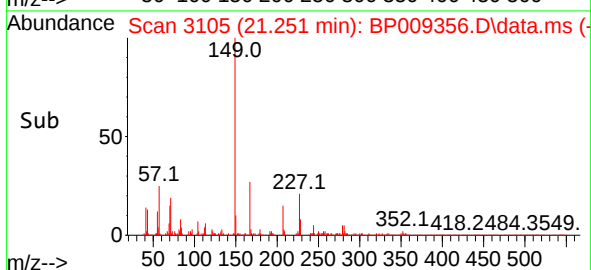
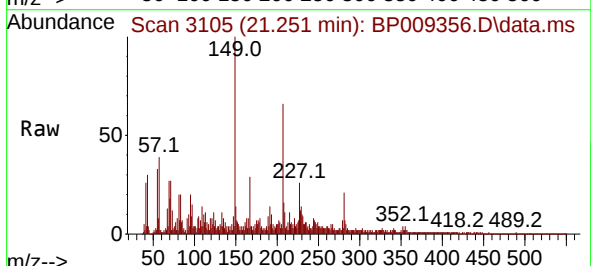
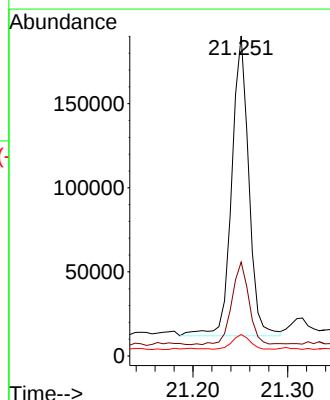
RT: 21.251 min Scan# 3105

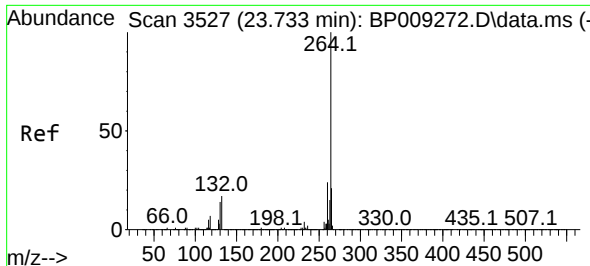
Delta R.T. -0.006 min

Lab File: BP009356.D

Acq: 10 Mar 2022 21:45

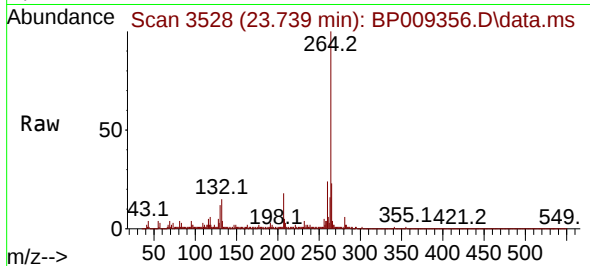
Tgt Ion:149 Resp: 223885
 Ion Ratio Lower Upper
 149 100
 167 29.4 22.6 33.8
 279 6.7 3.8 5.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

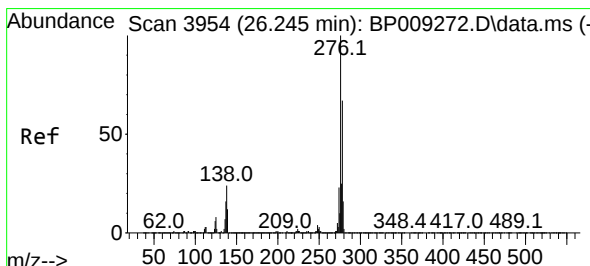
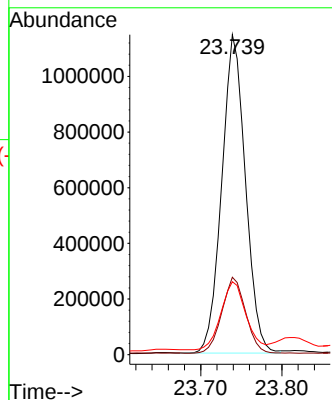
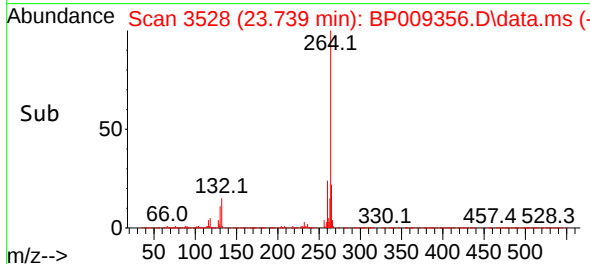
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion: 264 Resp: 2318790
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.8 17.2 25.8

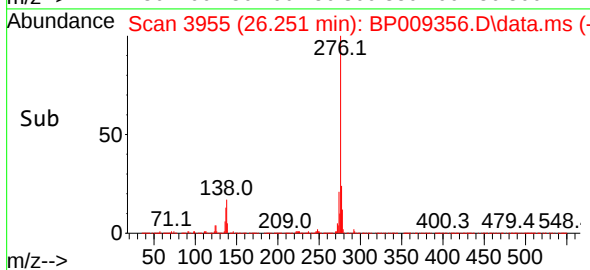
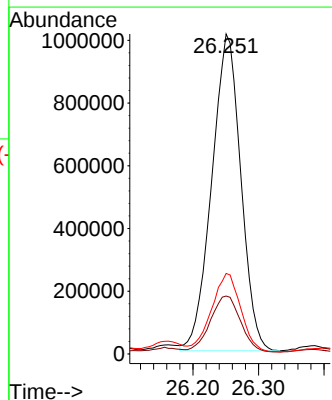
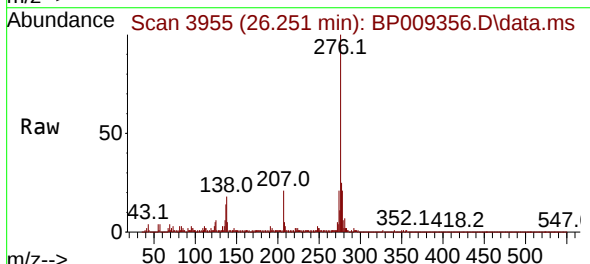
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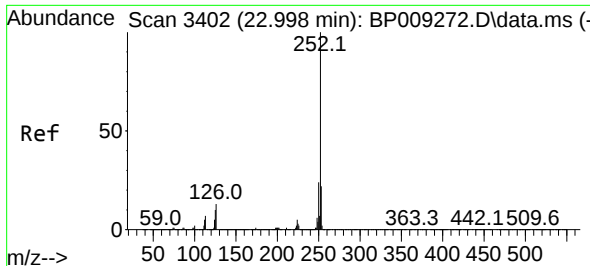
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 17.239 ng
RT: 26.251 min Scan# 3955
Delta R.T. 0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

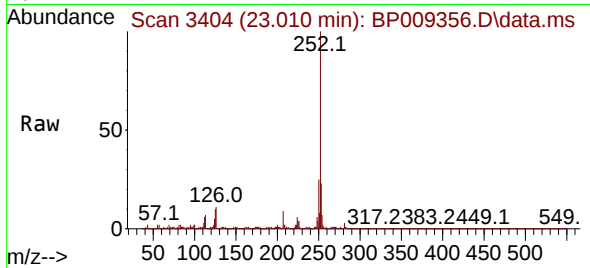
Tgt Ion: 276 Resp: 3105802
Ion Ratio Lower Upper
276 100
138 18.4 20.5 30.7#
277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 35.795 ng m
RT: 23.010 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

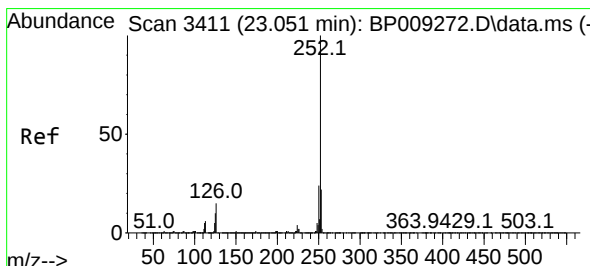
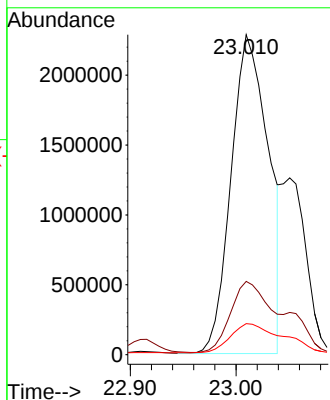
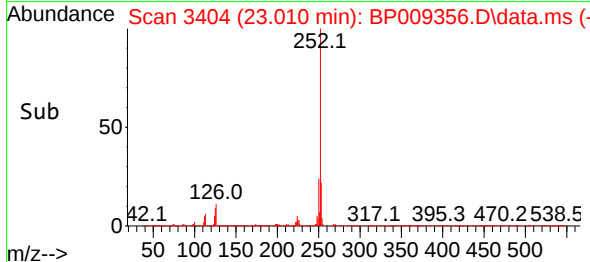
Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion:252 Resp: 560417
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.7 8.1 12.1

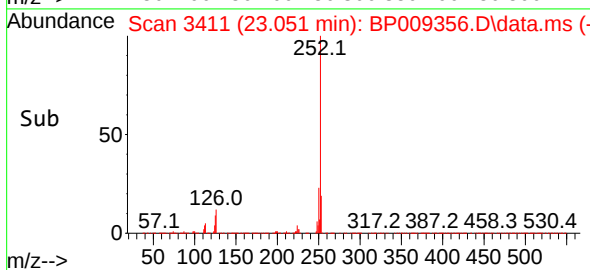
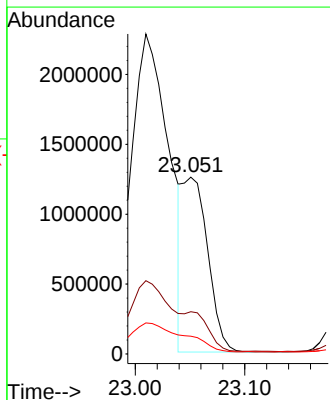
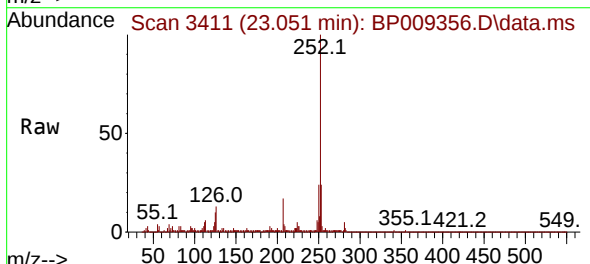
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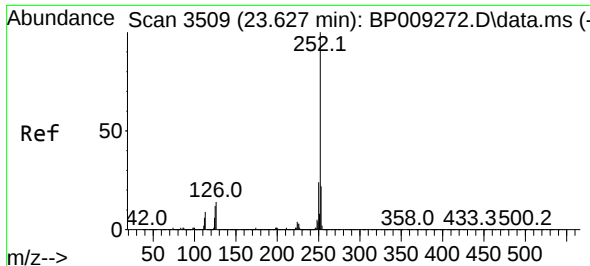
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#89
Benzo(k)fluoranthene
Concen: 13.372 ng m
RT: 23.051 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Tgt Ion:252 Resp: 2000006
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.1 8.3 12.5





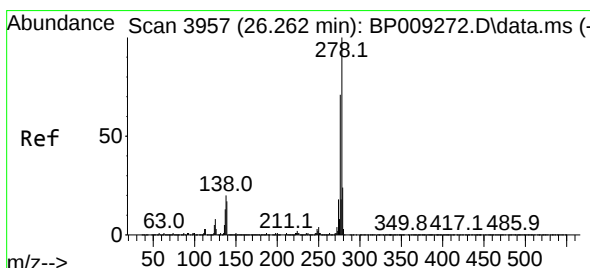
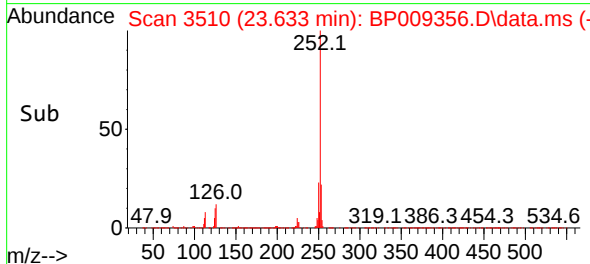
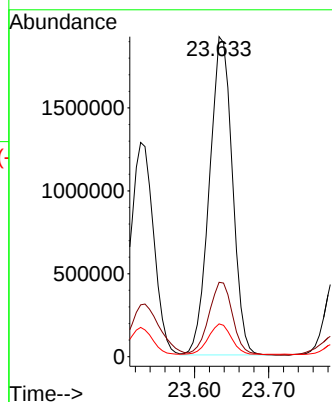
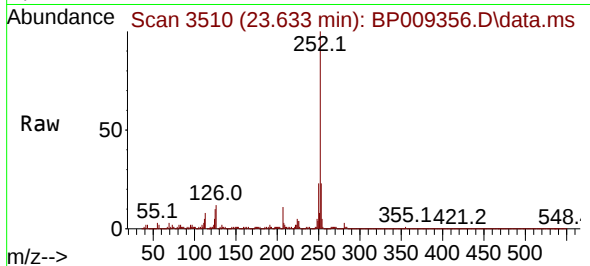
#90
Benzo(a)pyrene
Concen: 27.839 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Instrument :
BNA_P
ClientSampleId :
FS-1

Tgt Ion:252 Resp: 4133830
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 10.3 9.3 13.9

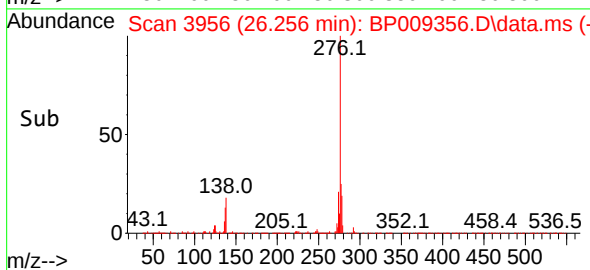
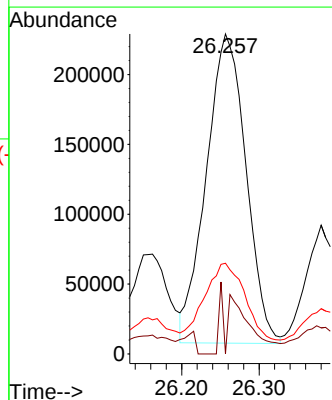
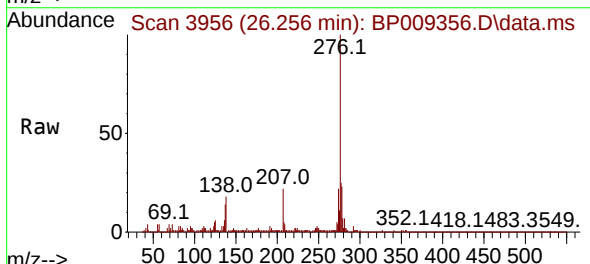
Manual Integrations
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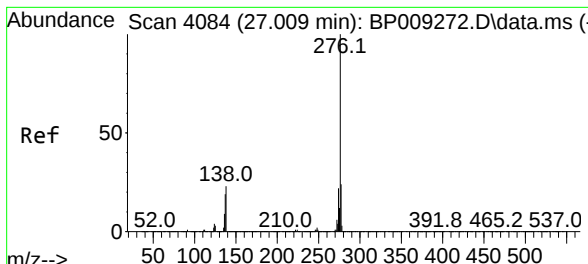
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#91
Dibenzo(a,h)anthracene
Concen: 5.173 ng
RT: 26.256 min Scan# 3956
Delta R.T. -0.006 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

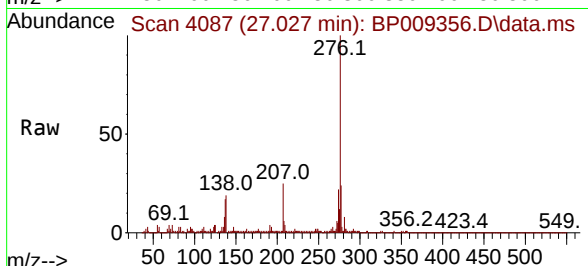
Tgt Ion:278 Resp: 790246
Ion Ratio Lower Upper
278 100
139 0.0 13.2 19.8#
279 28.3 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 20.829 ng
RT: 27.027 min Scan# 4087
Delta R.T. 0.018 min
Lab File: BP009356.D
Acq: 10 Mar 2022 21:45

Instrument :
BNA_P
ClientSampleId :
FS-1



Tgt Ion: 276 Resp: 3143509
Ion Ratio Lower Upper
276 100
277 24.4 19.2 28.8
138 19.3 18.0 27.0

Manual Integrations
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Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022

