

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009335.D
 Acq On : 09 Mar 2022 21:31
 Operator : CG/JU
 Sample : N1845-14 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 04:12:12 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	246616	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1174473	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	934514	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2589234	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	3695977	20.000	ng	0.00
86) Perylene-d12	23.733	264	3727248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	280404	16.597	ng	0.00
7) Phenol-d6	6.987	99	749913	34.928	ng	0.00
23) Nitrobenzene-d5	8.969	82	461857	21.659	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	40475	3.587	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1366729	20.112	ng	-0.01
79) Terphenyl-d14	19.786	244	4229137	21.594	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	859839	5.778	ng	100
75) Fluoranthene	19.233	202	1539231	8.962	ng	99
78) Pyrene	19.586	202	1353066	5.422	ng	100
81) Benzo(a)anthracene	21.304	228	903258	3.606	ng	99
83) Chrysene	21.357	228	789720	3.247	ng	96
88) Benzo(b)fluoranthene	22.992	252	1281905m	5.094	ng	
90) Benzo(a)pyrene	23.616	252	907288	3.801	ng	# 93
92) Benzo(g,h,i)perylene	26.992	276	609395	2.512	ng	97

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

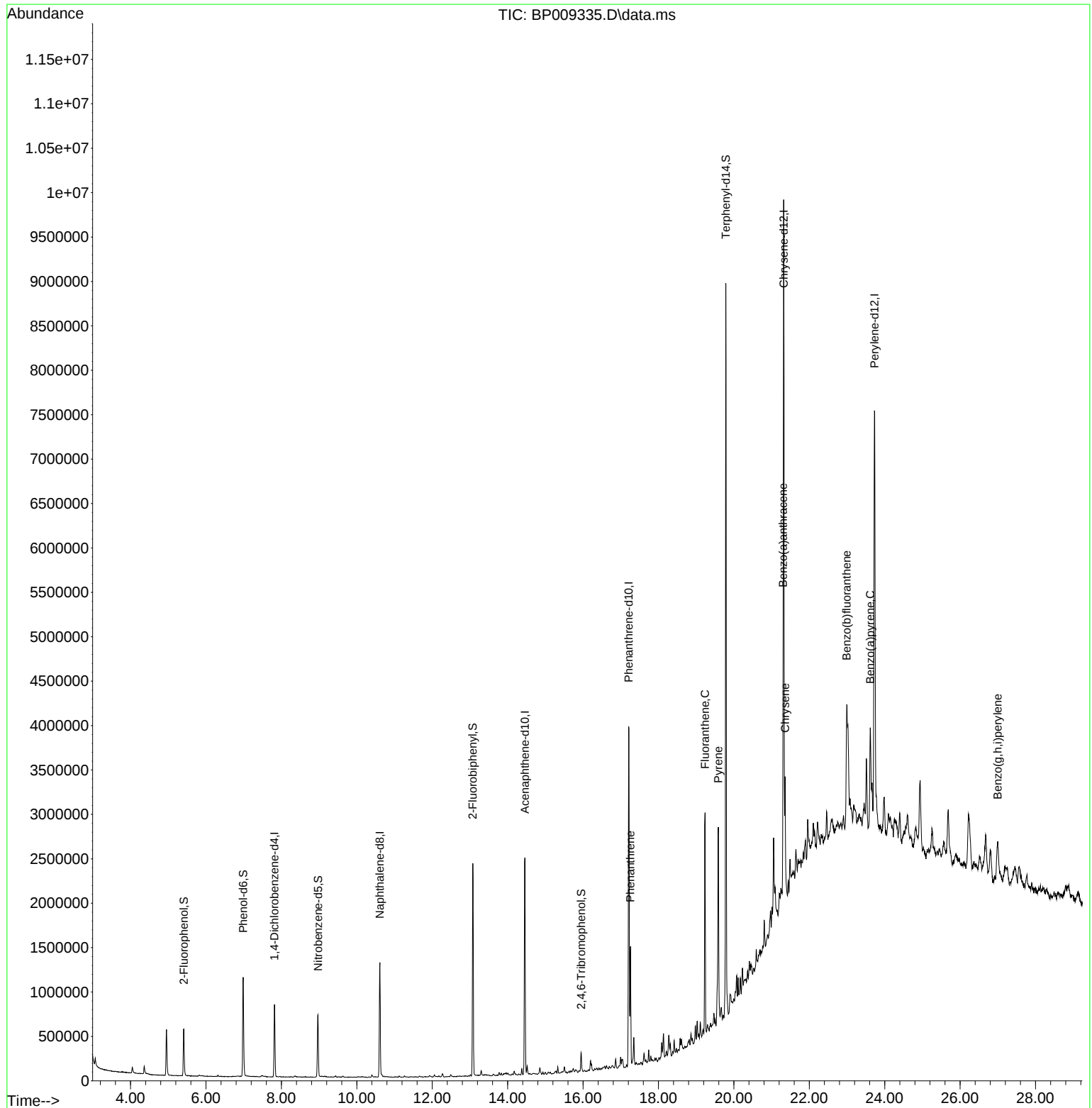
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009335.D
Acq On : 09 Mar 2022 21:31
Operator : CG/JU
Sample : N1845-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

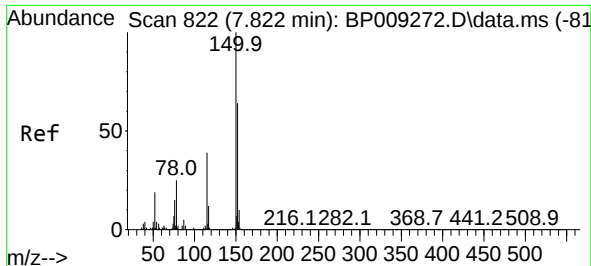
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

Quant Time: Mar 10 04:12:12 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

Manual Integrations
APPROVED

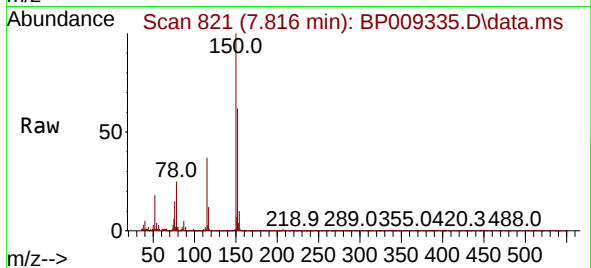
Reviewed By : Christian Giraldo 03/10/2022
Supervised By : Jagrut Upadhyay 03/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

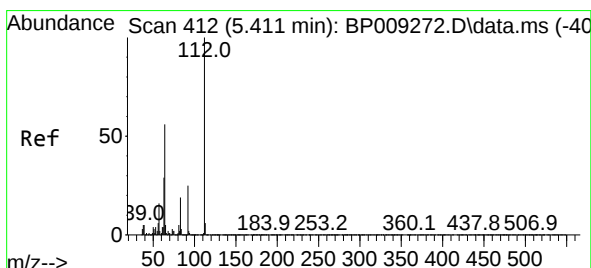
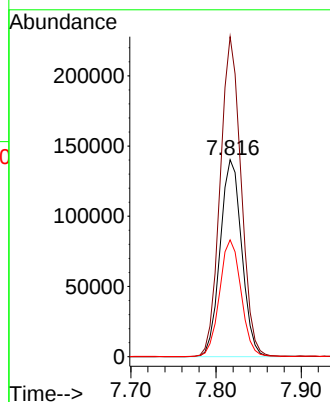
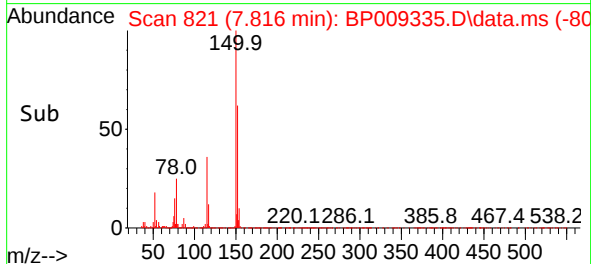
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:152 Resp: 246610
Ion Ratio Lower Upper
152 100
150 162.5 124.5 186.7
115 59.3 48.2 72.4

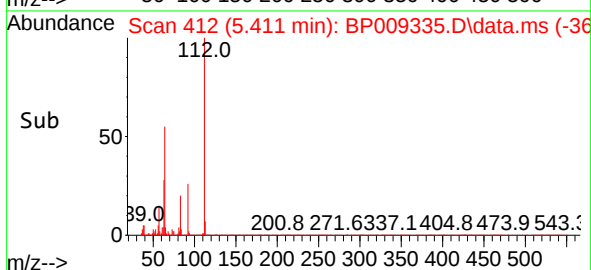
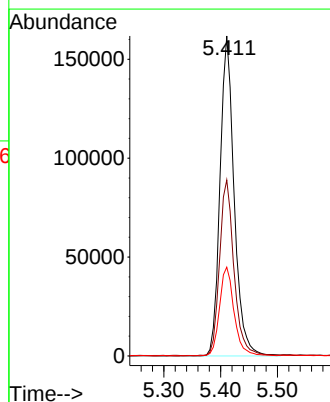
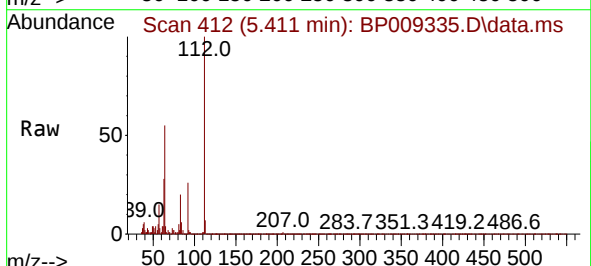
Manual Integrations
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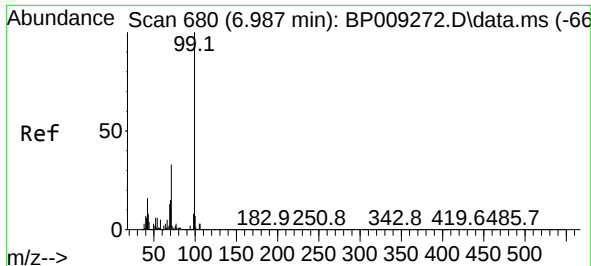
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#5
2-Fluorophenol
Concen: 16.597 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:112 Resp: 280404
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 27.7 23.0 34.6





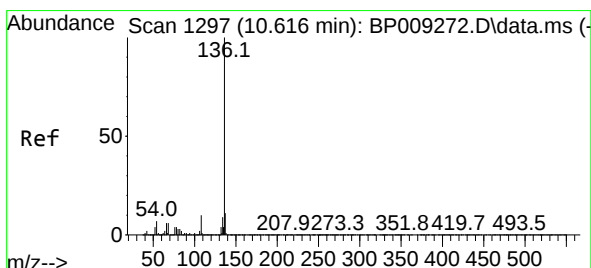
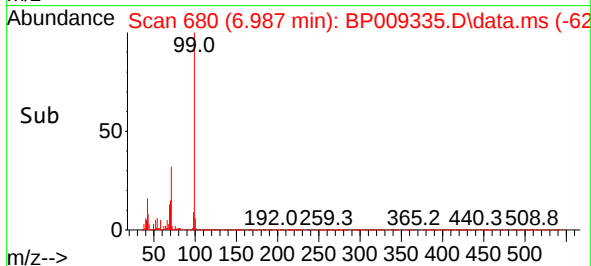
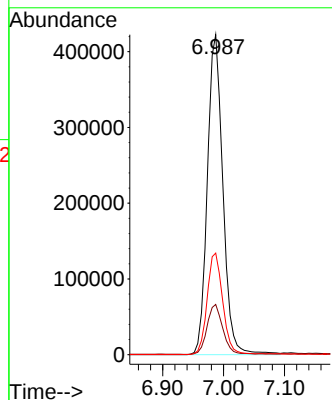
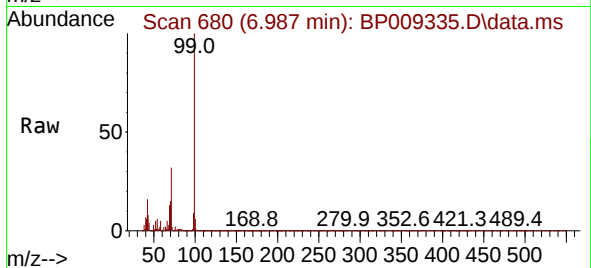
#7
Phenol-d6
Concen: 34.928 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

Tgt Ion: 99 Resp: 74991
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 31.8 26.3 39.5

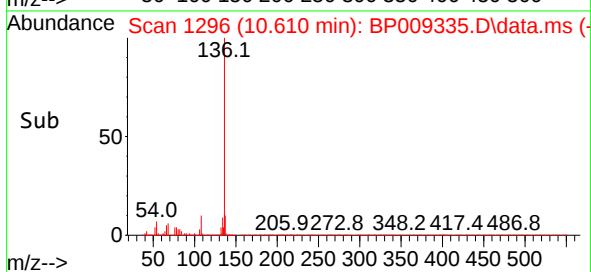
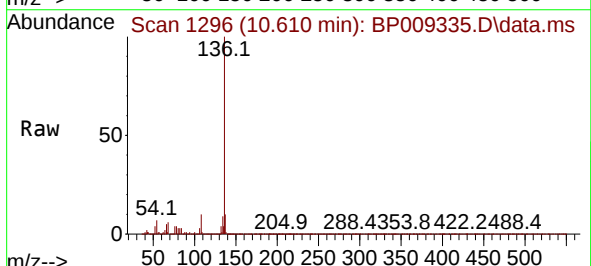
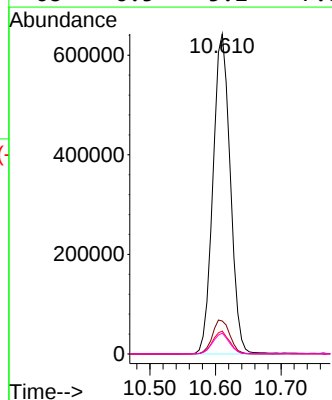
Manual Integrations
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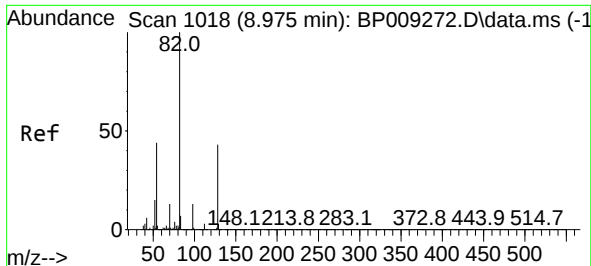
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Tgt Ion:136 Resp: 1174473
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 7.1 5.8 8.8
68 6.5 5.2 7.8





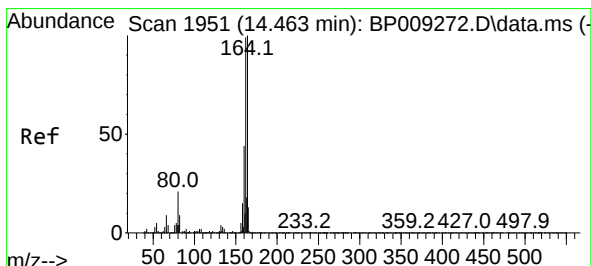
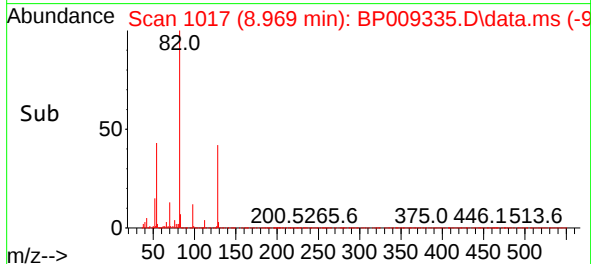
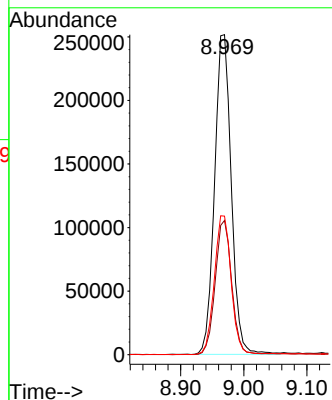
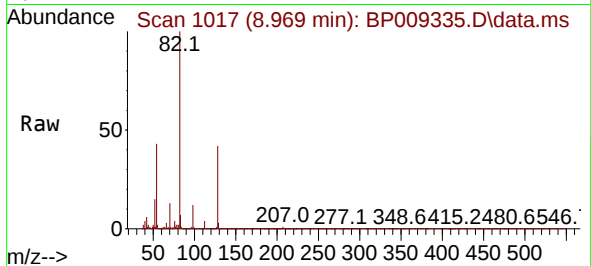
#23
Nitrobenzene-d5
Concen: 21.659 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

Instrument :
BNA_P
ClientSampleId :
SAMPLE-14

Tgt Ion: 82 Resp: 46185
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.4
54 43.3 34.7 52.1

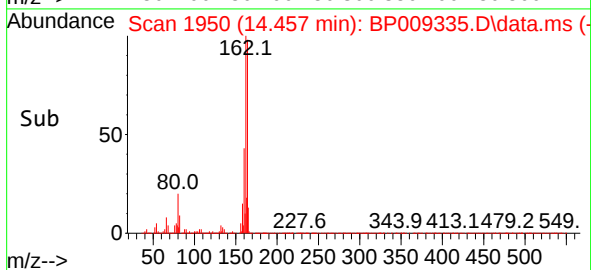
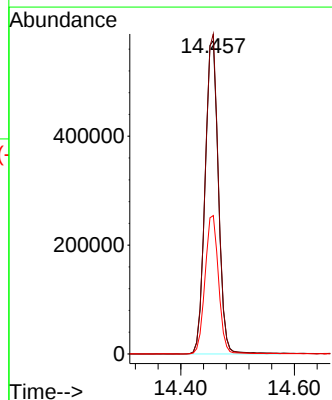
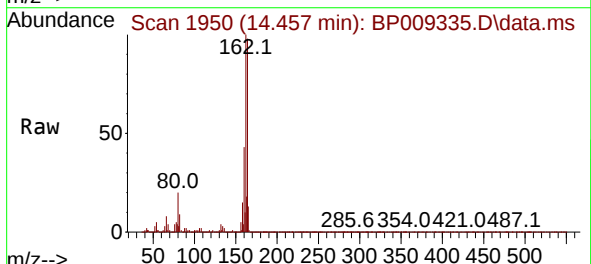
Manual Integrations
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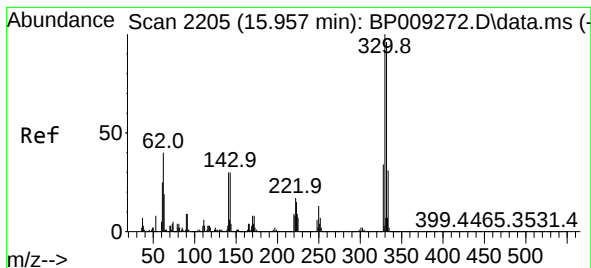
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

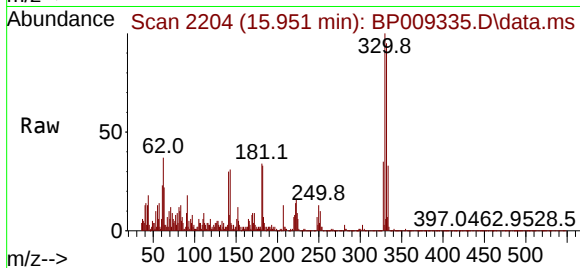
Tgt Ion:164 Resp: 934514
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 44.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 3.587 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

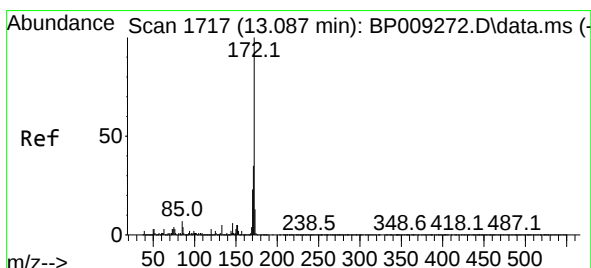
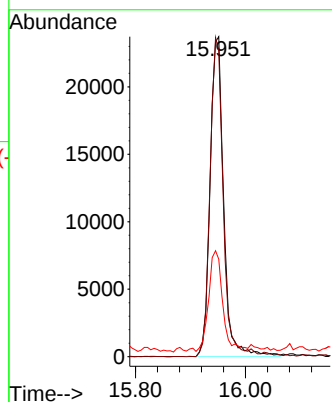
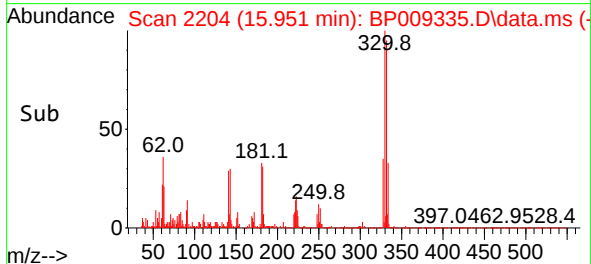
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:330 Resp: 4047
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.6 27.6 41.4

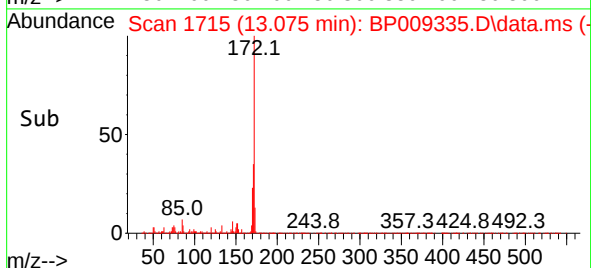
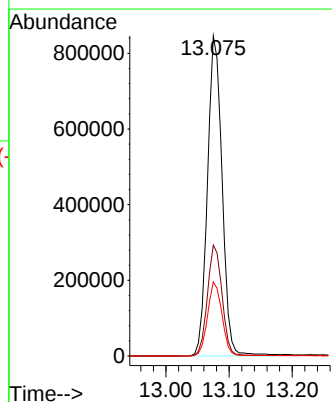
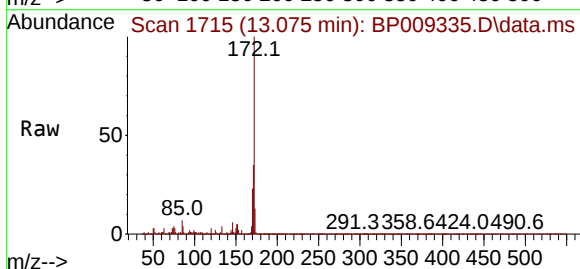
Manual Integrations
APPROVED

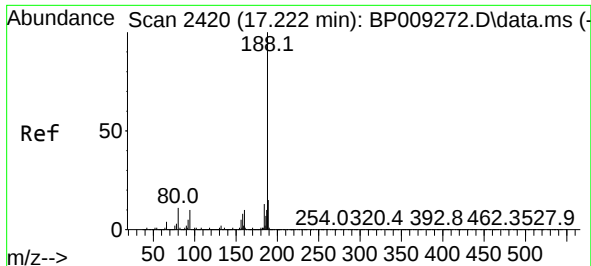
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#45
2-Fluorobiphenyl
Concen: 20.112 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

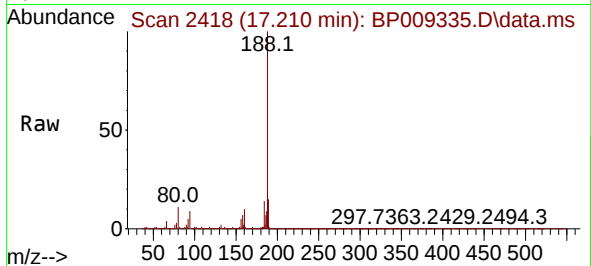
Tgt Ion:172 Resp: 1366729
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

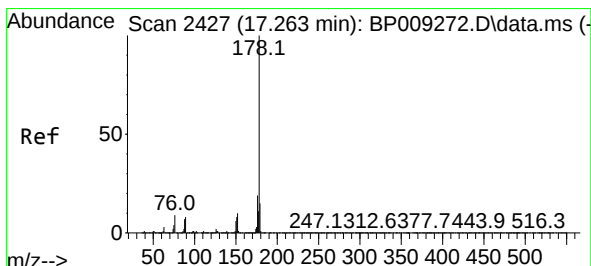
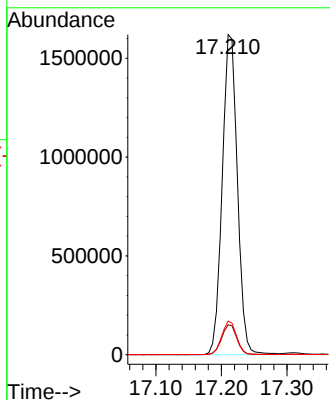
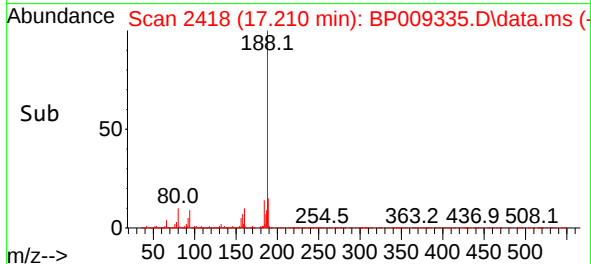
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:188 Resp: 2589234
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.5 8.8 13.2

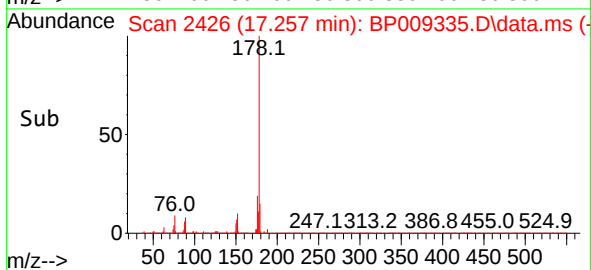
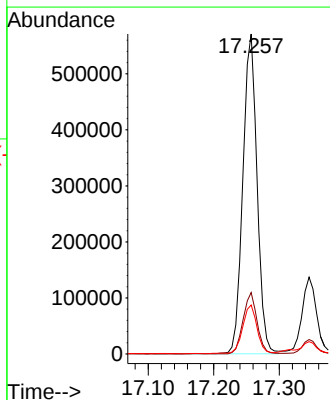
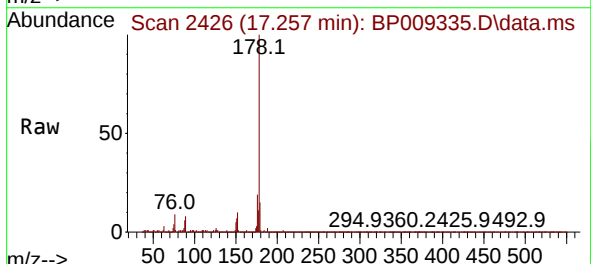
Manual Integrations
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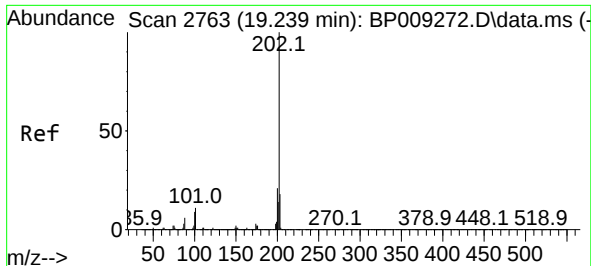
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#71
Phenanthrene
Concen: 5.778 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

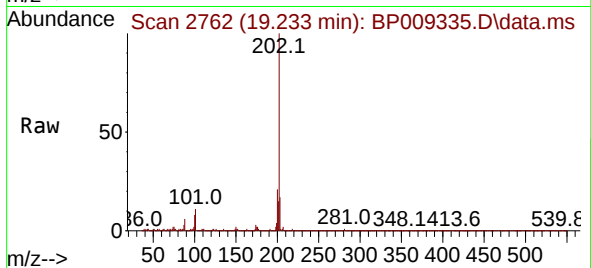
Tgt Ion:178 Resp: 859839
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.3 18.5





#75
Fluoranthene
Concen: 8.962 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

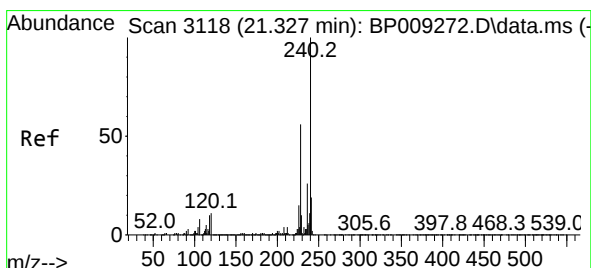
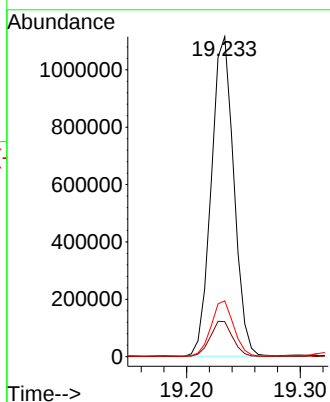
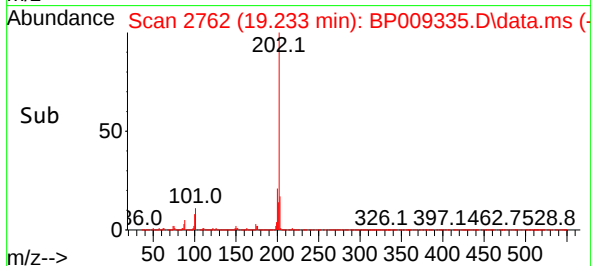
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:202 Resp: 153923
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.5 0.0 37.8

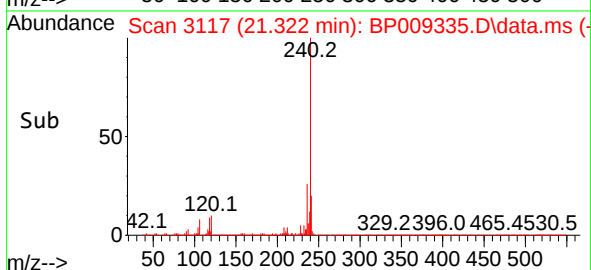
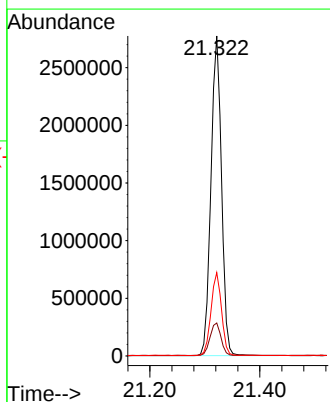
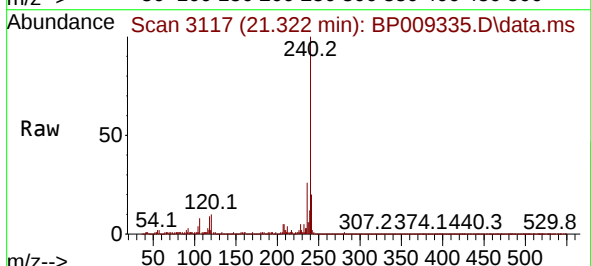
Manual Integrations
APPROVED

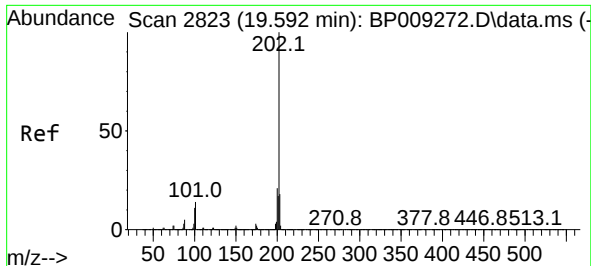
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

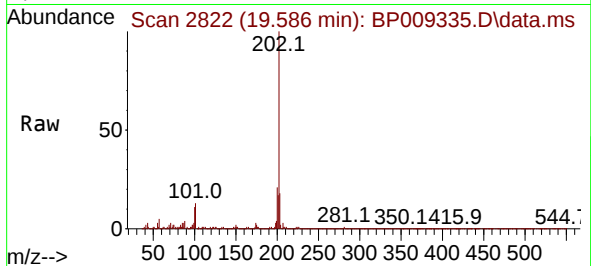
Tgt Ion:240 Resp: 3695977
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.0 20.6 30.8





#78
Pyrene
Concen: 5.422 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

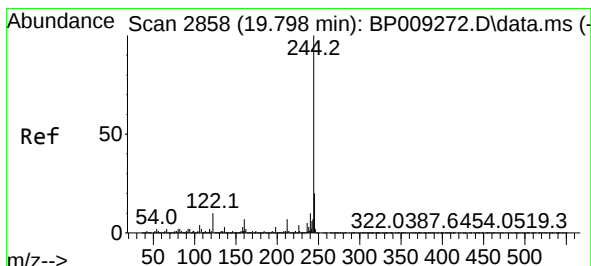
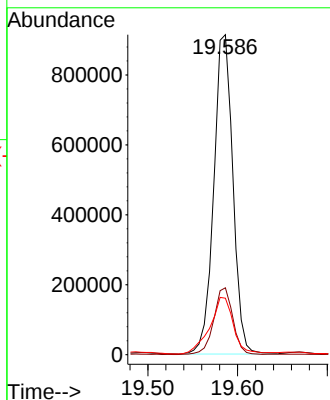
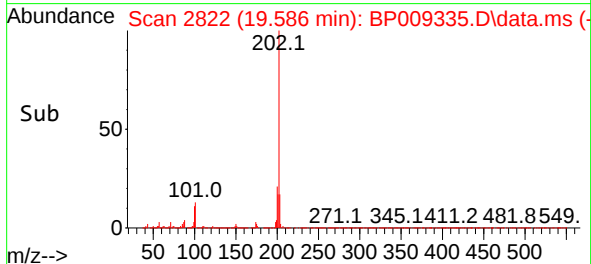
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:202 Resp: 1353060
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.7 14.2 21.4

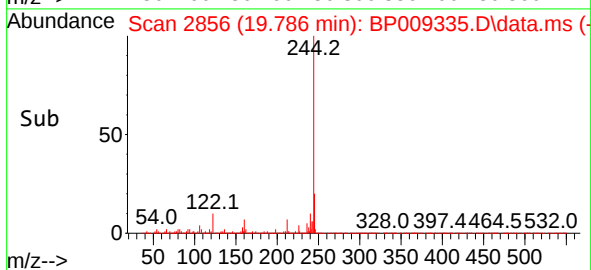
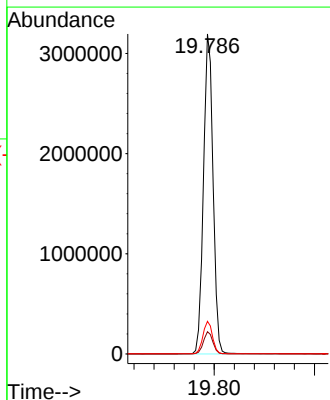
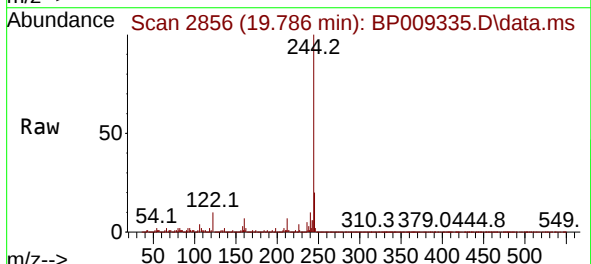
Manual Integrations
APPROVED

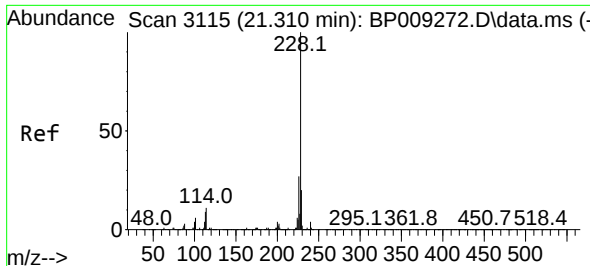
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#79
Terphenyl-d14
Concen: 21.594 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

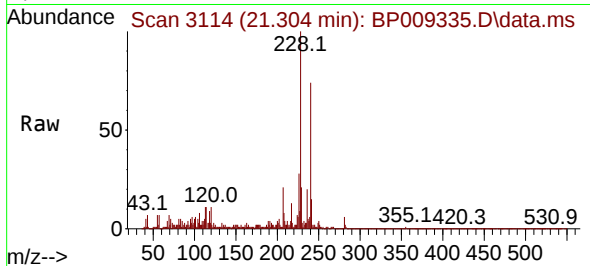
Tgt Ion:244 Resp: 4229137
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 3.606 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

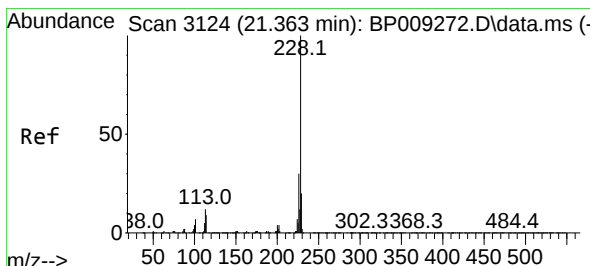
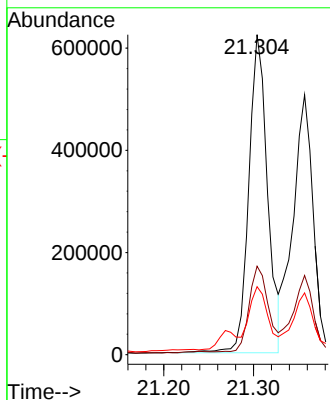
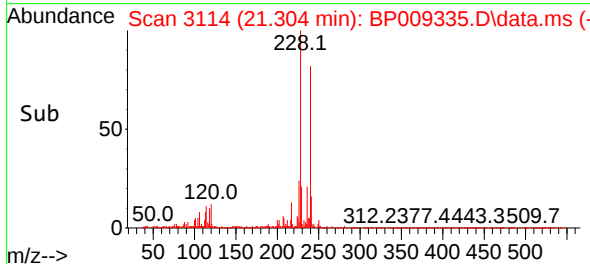
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



Tgt Ion:228 Resp: 903258
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 21.3 16.1 24.1

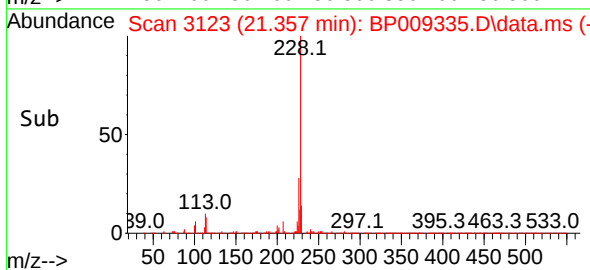
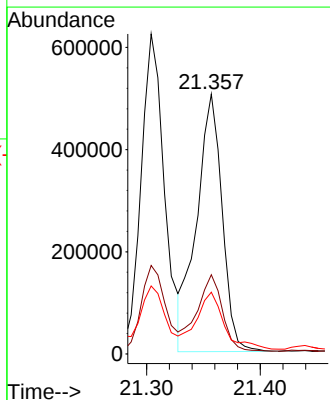
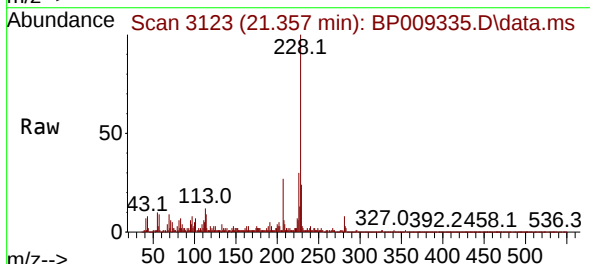
Manual Integrations
APPROVED

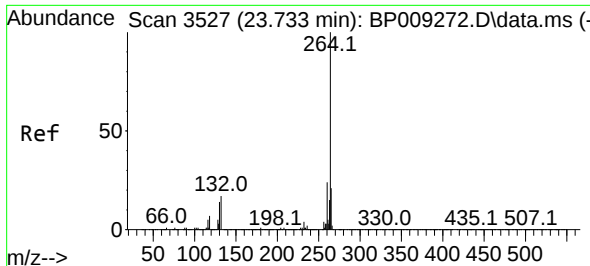
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022



#83
Chrysene
Concen: 3.247 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

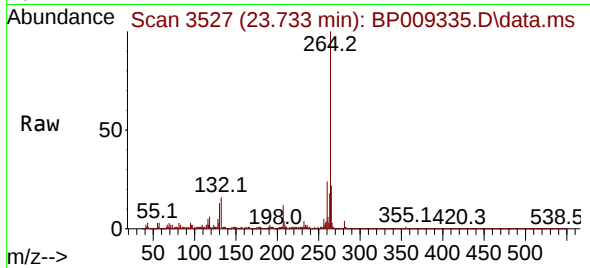
Tgt Ion:228 Resp: 789720
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 23.8 16.1 24.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. 0.000 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

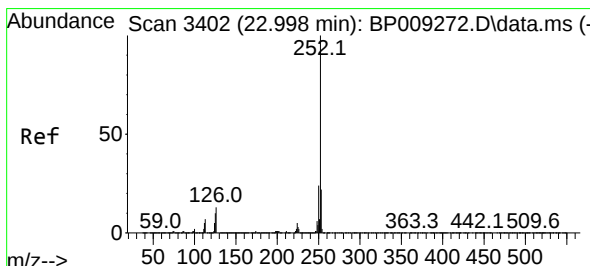
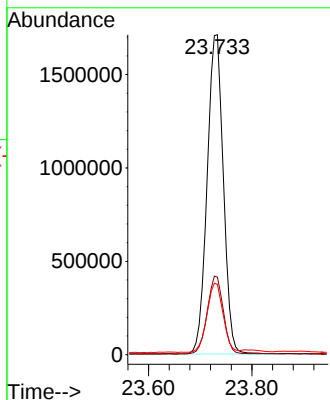
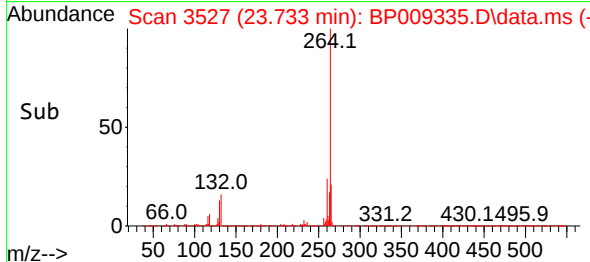
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



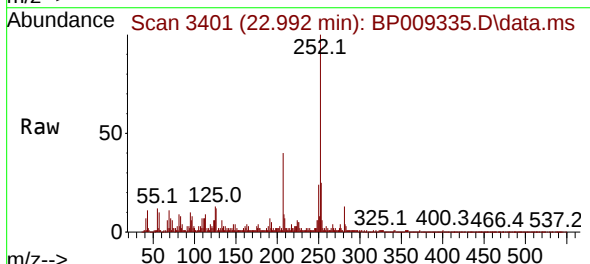
Tgt Ion:264 Resp: 372724
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 22.0 17.2 25.8

Manual Integrations
APPROVED

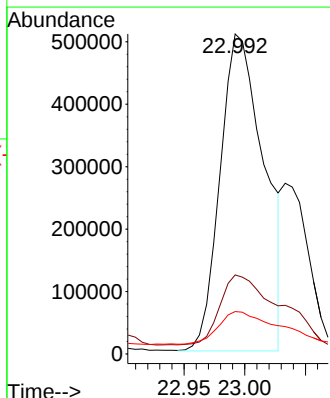
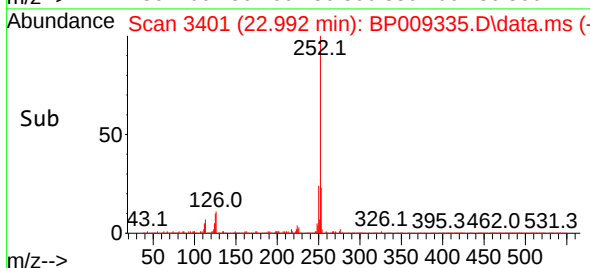
Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

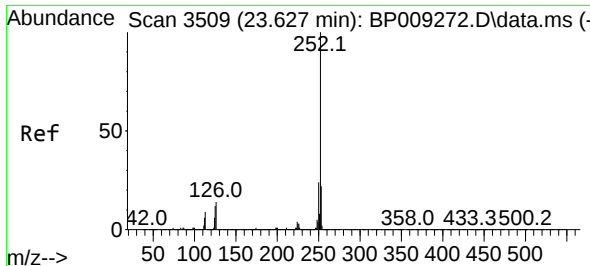


#88
Benzo(b)fluoranthene
Concen: 5.094 ng m
RT: 22.992 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31



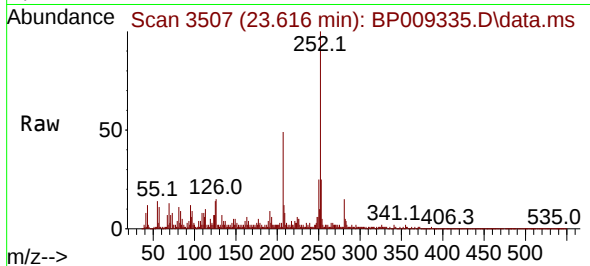
Tgt Ion:252 Resp: 1281905
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 13.2 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.801 ng
RT: 23.616 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31

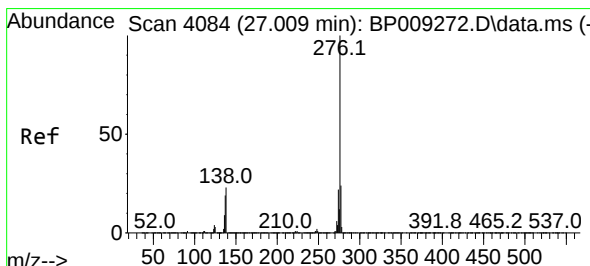
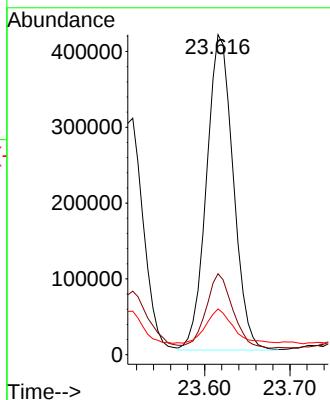
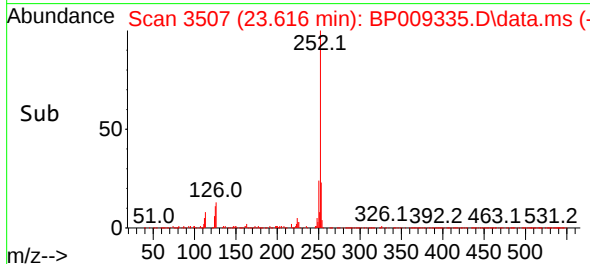
Instrument :
BNA_P
ClientSampleId :
SAMPLE-14



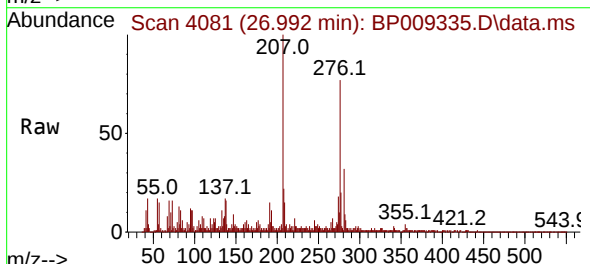
Tgt Ion: 252 Resp: 907288
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 14.3 9.3 13.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/10/2022
Supervised By : Jagrut Upadhyay 03/10/2022



#92
Benzo(g,h,i)perylene
Concen: 2.512 ng
RT: 26.992 min Scan# 4081
Delta R.T. -0.018 min
Lab File: BP009335.D
Acq: 09 Mar 2022 21:31



Tgt Ion: 276 Resp: 609395
Ion Ratio Lower Upper
276 100
277 25.4 19.2 28.8
138 20.7 18.0 27.0

