

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009579.D
 Acq On : 28 Mar 2022 22:51
 Operator : CG/JU
 Sample : N2098-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V-2-0309-2B

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 03:14:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	285819	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1134785	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	730444	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1560161	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1557135	20.000	ng	0.00
86) Perylene-d12	23.686	264	1697962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1018500	62.215	ng	0.00
7) Phenol-d6	6.958	99	1871654	84.542	ng	0.00
23) Nitrobenzene-d5	8.922	82	1310963	61.391	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	265157	21.998	ng	-0.01
45) 2-Fluorobiphenyl	13.034	172	3034927	57.599	ng	0.00
79) Terphenyl-d14	19.757	244	4840364	55.794	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.134	152	173095	2.614	ng	99
71) Phenanthrene	17.216	178	1440349	17.246	ng	100
72) Anthracene	17.310	178	408471	4.954	ng	99
75) Fluoranthene	19.198	202	3287170	32.511	ng	99
78) Pyrene	19.557	202	2844618	27.723	ng	99
80) Butylbenzylphthalate	20.439	149	484026	11.098	ng	98
81) Benzo(a)anthracene	21.275	228	1399135	13.676	ng	98
83) Chrysene	21.328	228	1182399m	12.206	ng	
87) Indeno(1,2,3-cd)pyrene	26.174	276	933967	7.250	ng	# 92
88) Benzo(b)fluoranthene	22.963	252	1718873m	16.957	ng	
89) Benzo(k)fluoranthene	22.998	252	521047m	5.250	ng	
90) Benzo(a)pyrene	23.580	252	1261005	14.540	ng	98
92) Benzo(g,h,i)perylene	26.945	276	914836	8.662	ng	97

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

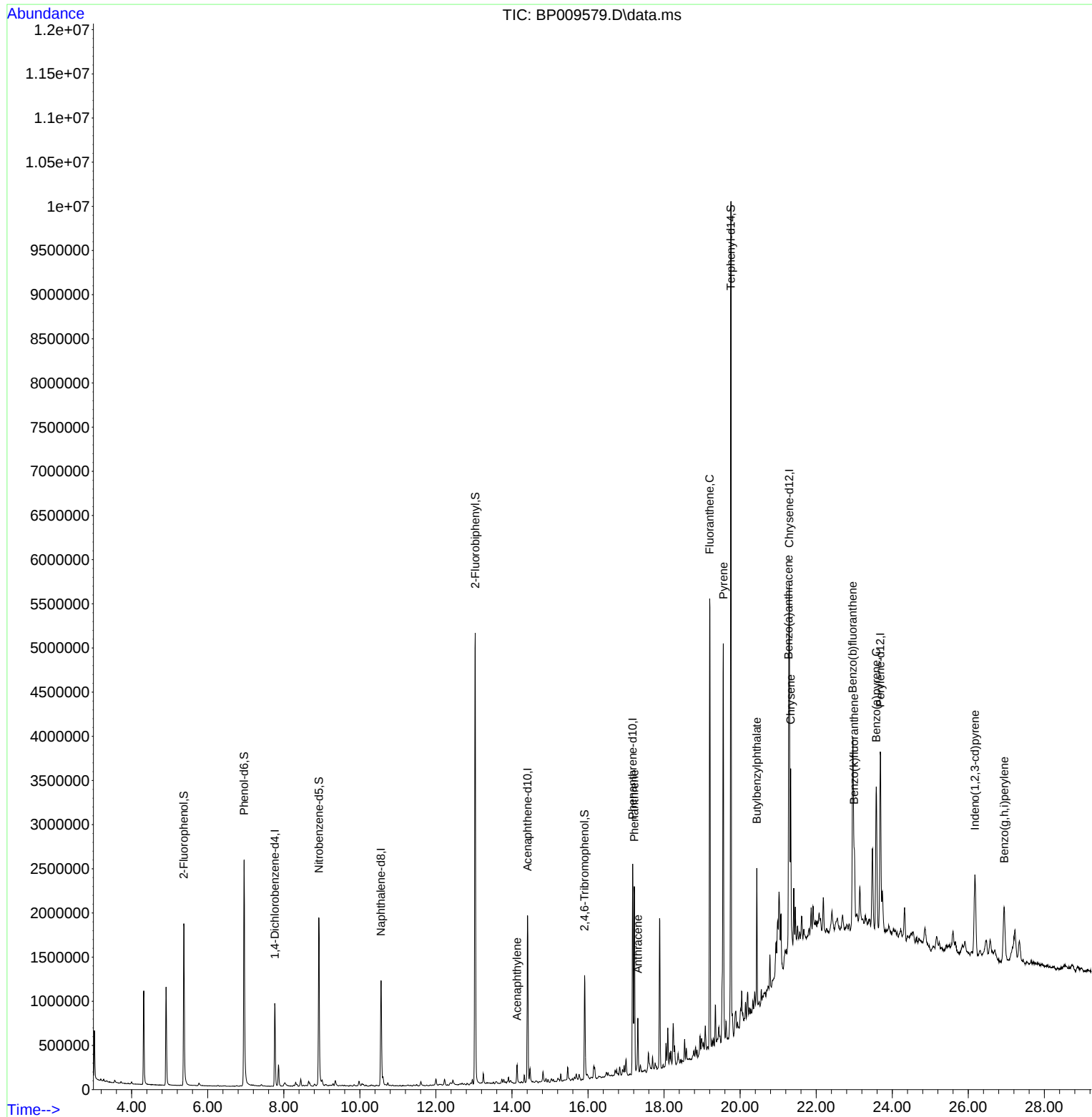
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009579.D
Acq On : 28 Mar 2022 22:51
Operator : CG/JU
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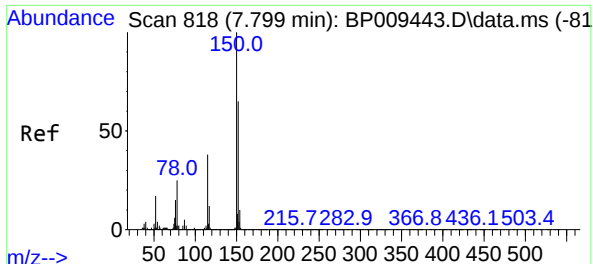
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V-2-0309-2B

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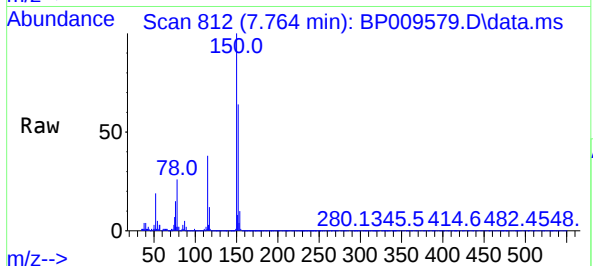
Quant Time: Mar 29 03:14:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

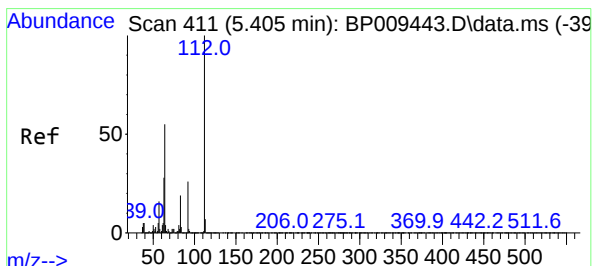
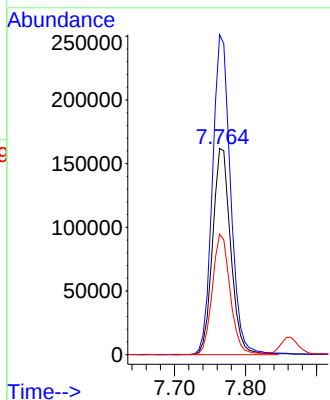
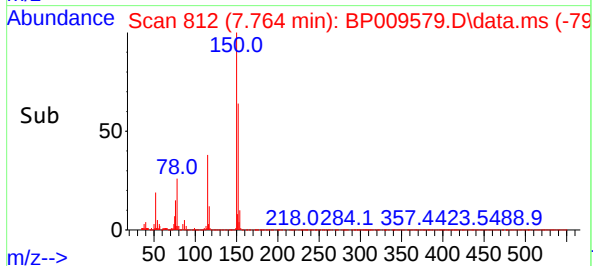
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:152 Resp: 285819
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 58.5 48.2 72.4

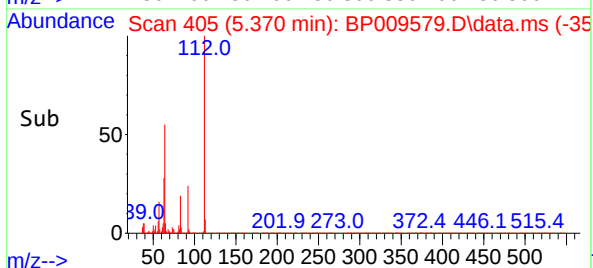
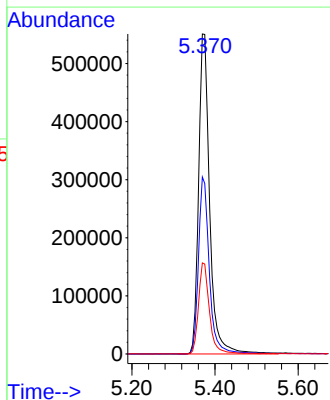
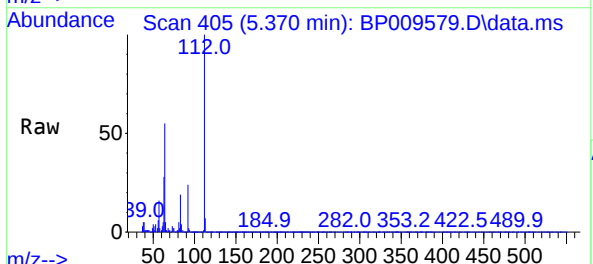
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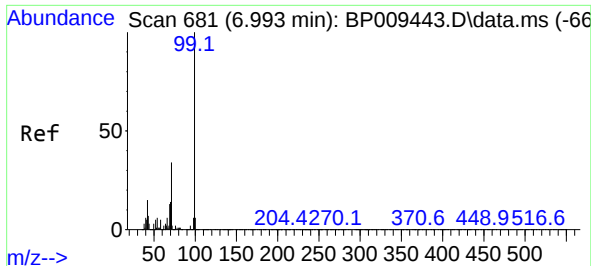
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#5
2-Fluorophenol
Concen: 62.215 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

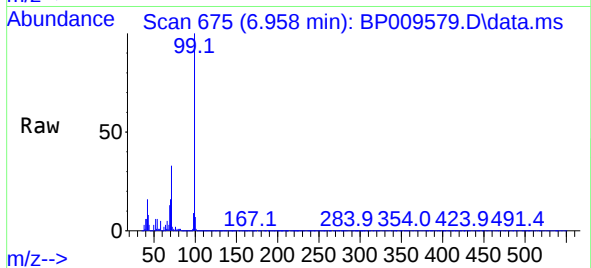
Tgt Ion:112 Resp: 1018500
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 28.5 23.0 34.6





Phenol-d6
Concen: 84.542 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

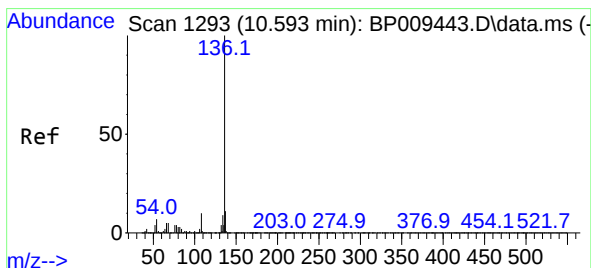
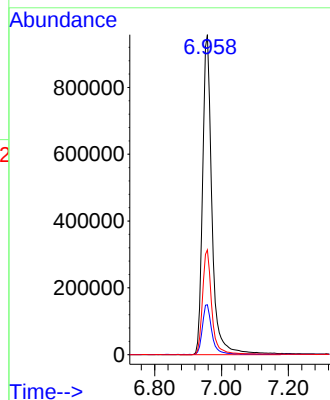
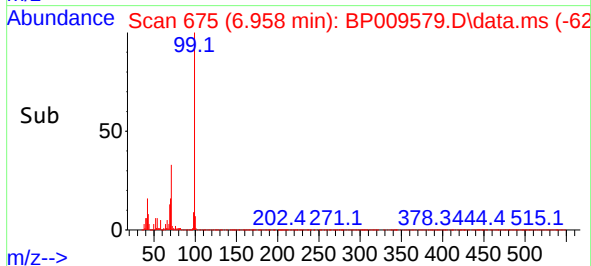
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion: 99 Resp: 1871654
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.8 26.3 39.5

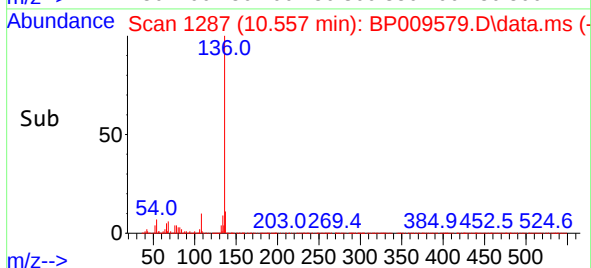
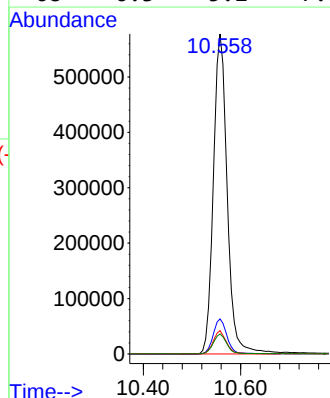
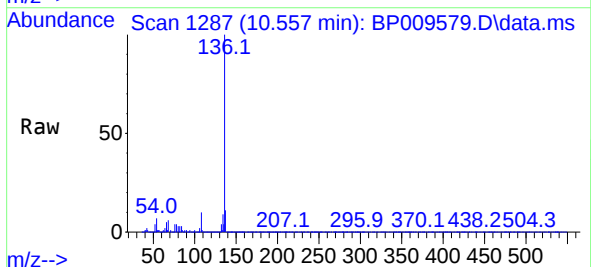
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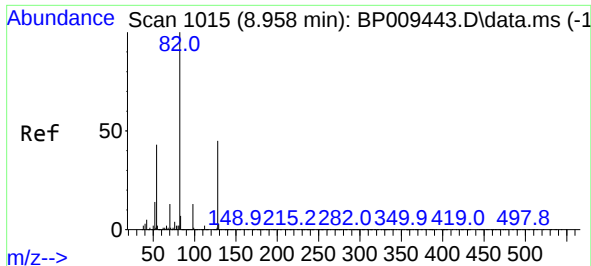
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Tgt Ion:136 Resp: 1134785
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 5.8 8.8
68 6.3 5.2 7.8





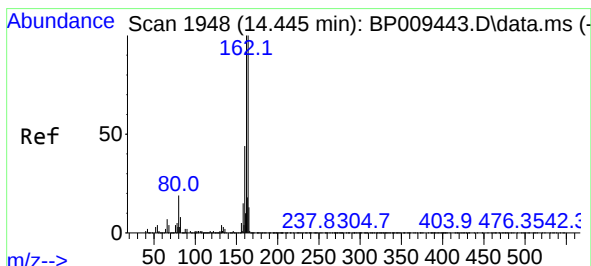
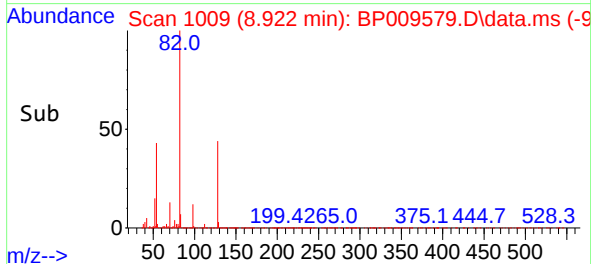
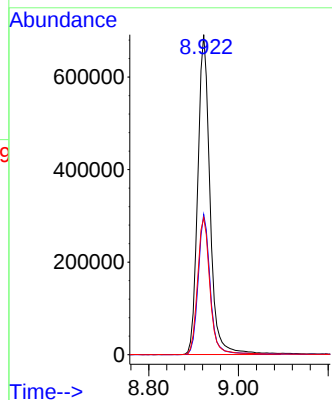
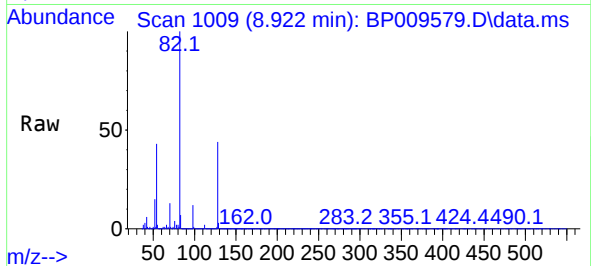
#23
Nitrobenzene-d5
Concen: 61.391 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B

Tgt Ion: 82 Resp: 131096
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.8 34.7 52.1

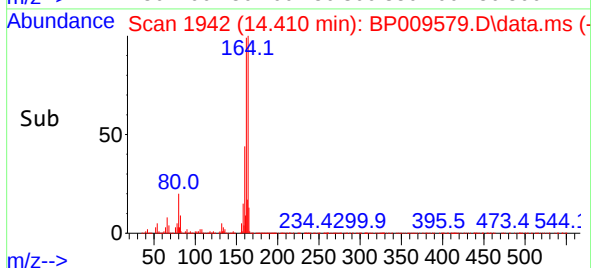
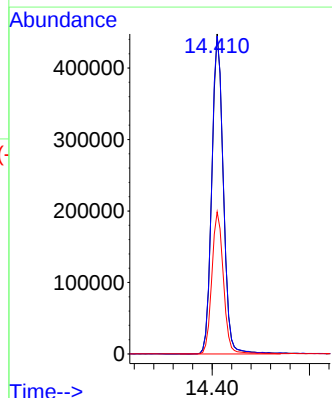
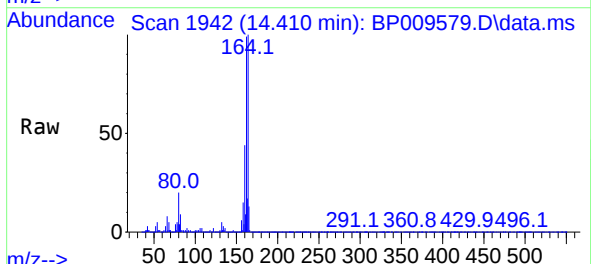
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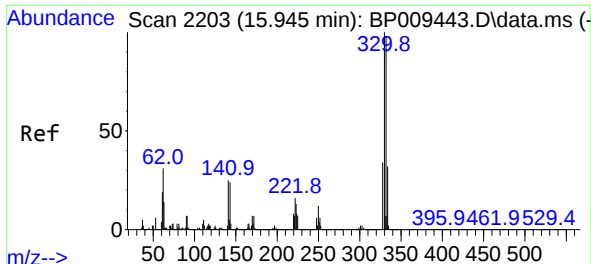
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Tgt Ion:164 Resp: 730444
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 44.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 21.998 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Instrument :

BNA_P

ClientSampleId :

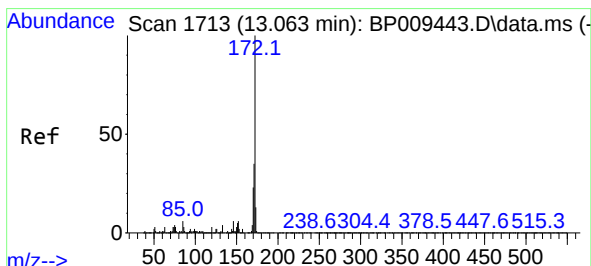
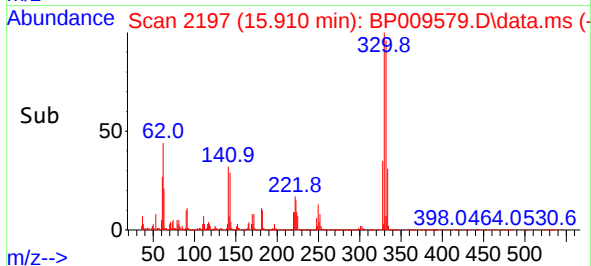
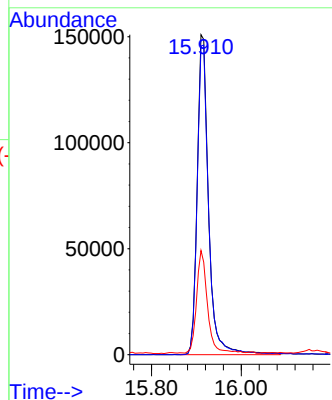
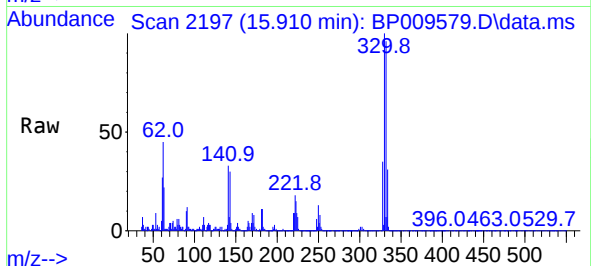
V-2-0309-2B

Tgt Ion:330 Resp: 26515
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 30.2 27.6 41.4

Manual Integrations

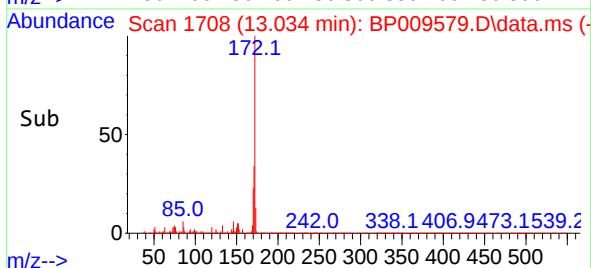
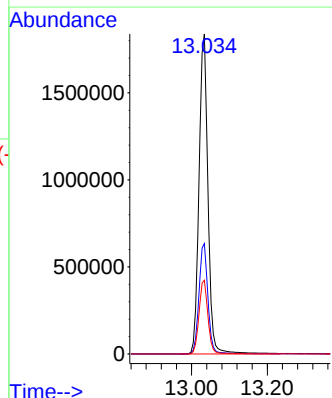
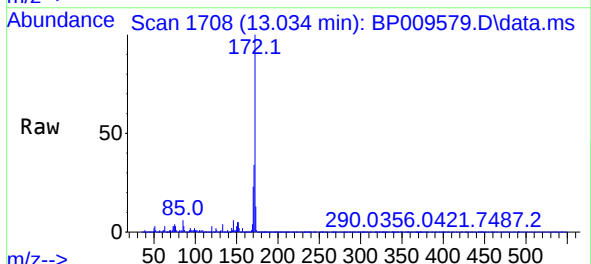
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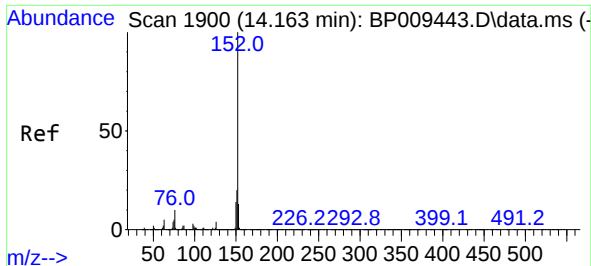
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#45
2-Fluorobiphenyl
Concen: 57.599 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

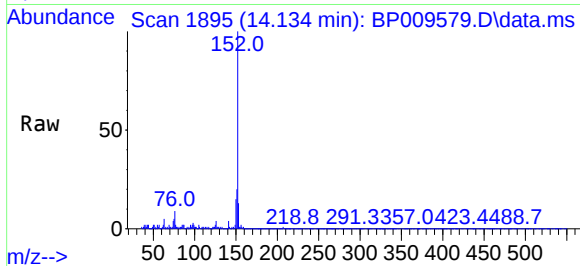
Tgt Ion:172 Resp: 3034927
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.1 18.6 27.8





#49
Acenaphthylene
Concen: 2.614 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

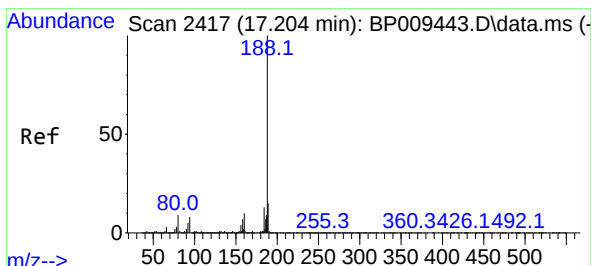
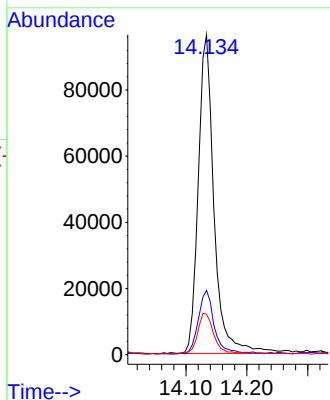
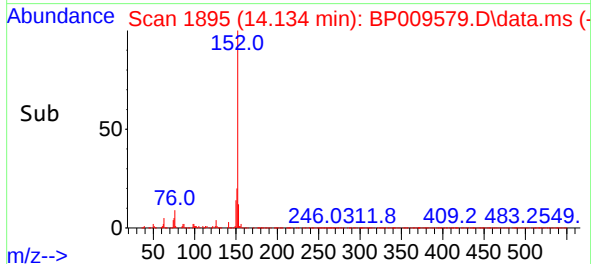
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:152 Resp: 173095
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.7 10.7 16.1

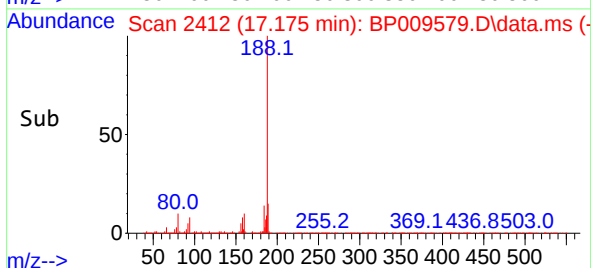
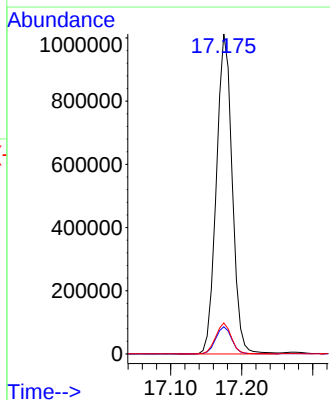
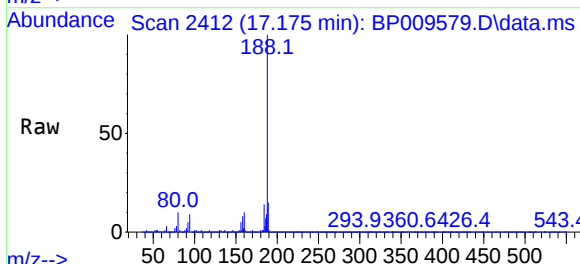
Manual Integrations
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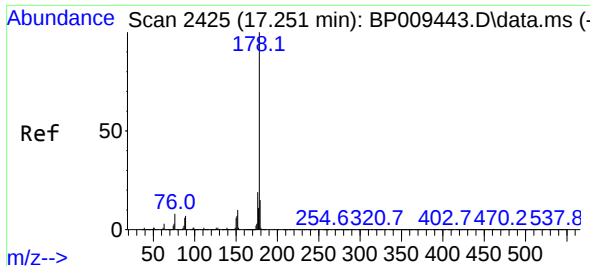
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

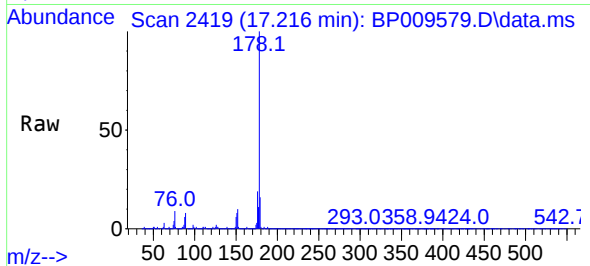
Tgt Ion:188 Resp: 1560161
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.7 8.8 13.2





#71
Phenanthrene
Concen: 17.246 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

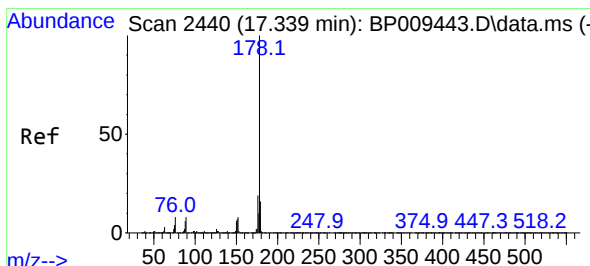
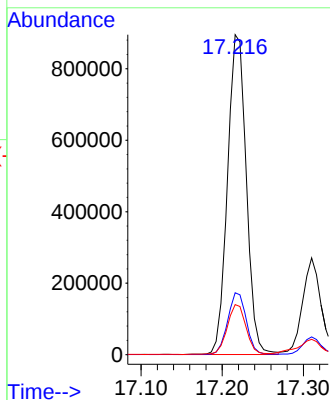
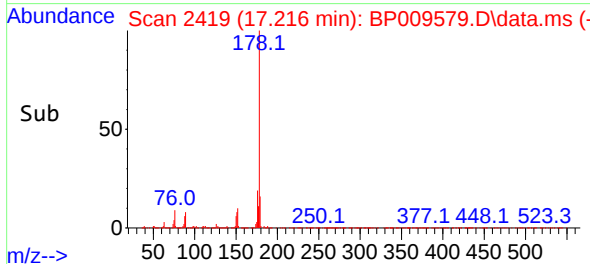
Instrument :
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V-2-0309-2B



Tgt Ion:178 Resp: 1440349
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.6 12.3 18.5

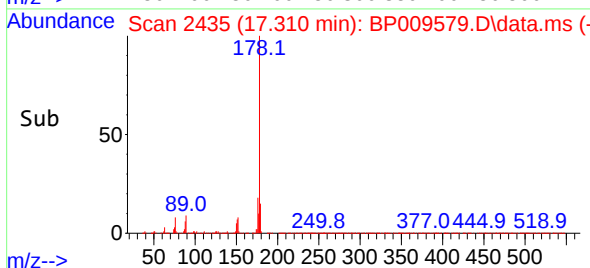
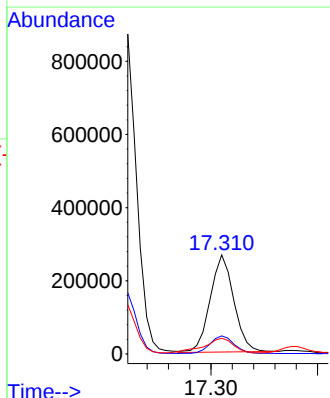
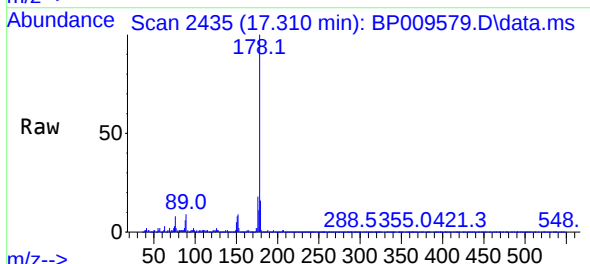
Manual Integrations
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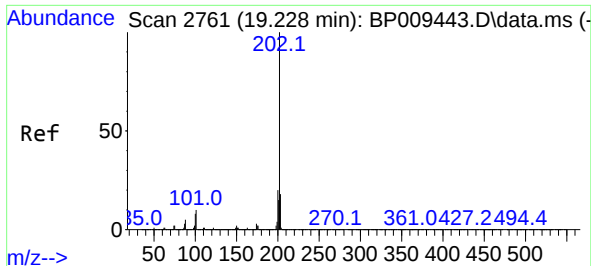
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#72
Anthracene
Concen: 4.954 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

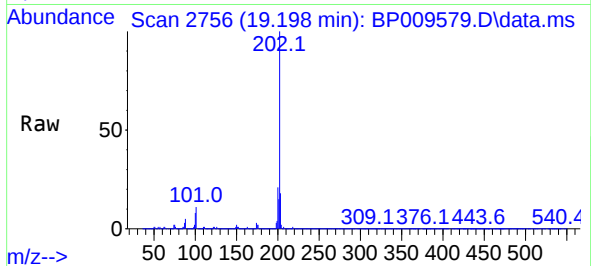
Tgt Ion:178 Resp: 408471
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.8 12.2 18.4





#75
Fluoranthene
Concen: 32.511 ng
RT: 19.198 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

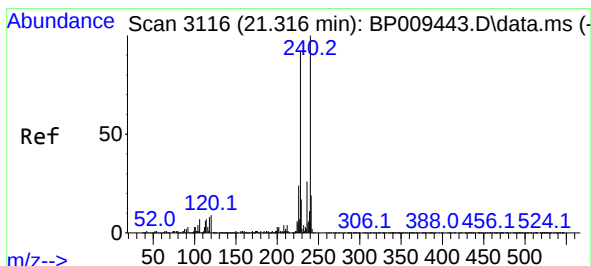
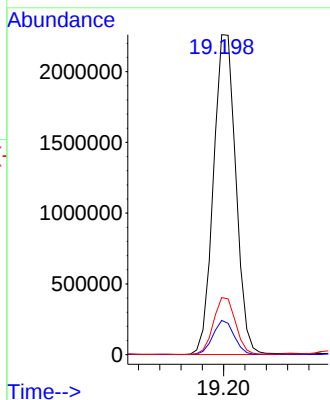
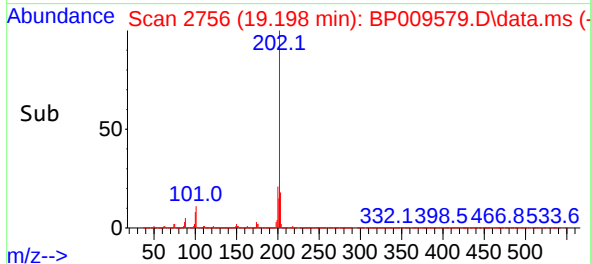
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:202 Resp: 3287170
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 17.8 0.0 37.8

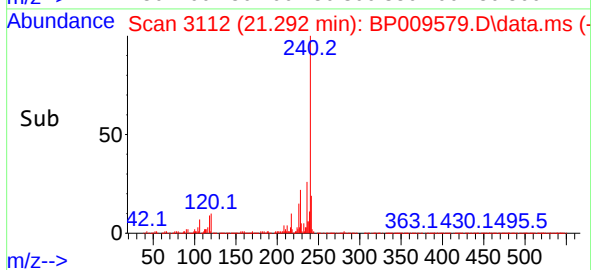
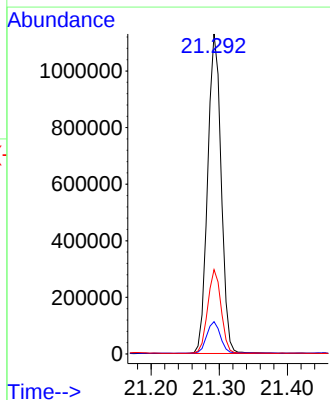
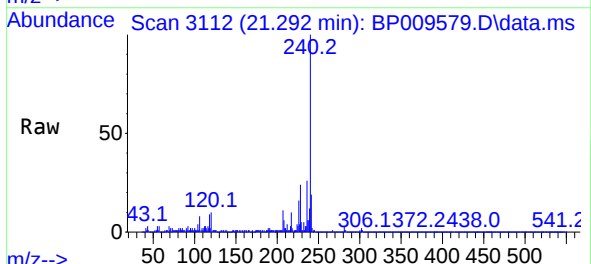
Manual Integrations
APPROVED

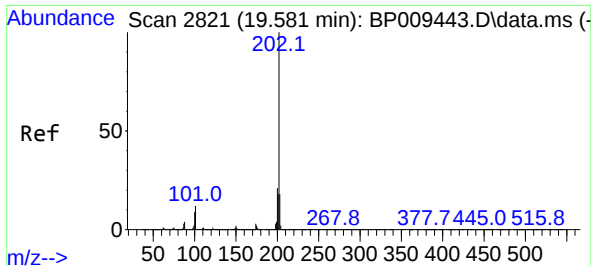
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

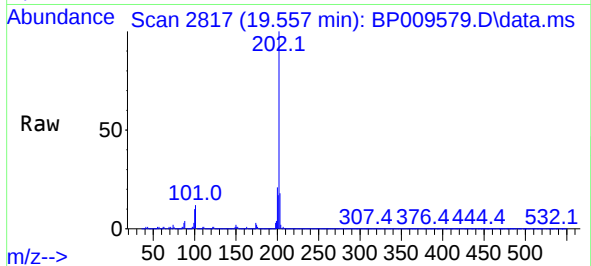
Tgt Ion:240 Resp: 1557135
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.3 20.6 30.8





#78
Pyrene
Concen: 27.723 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

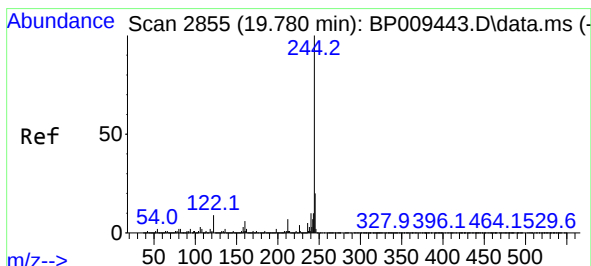
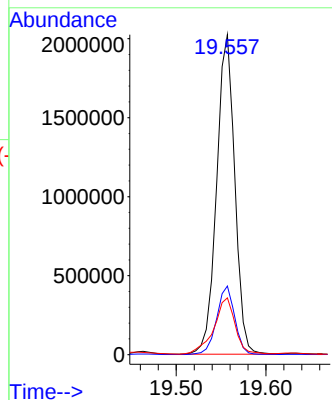
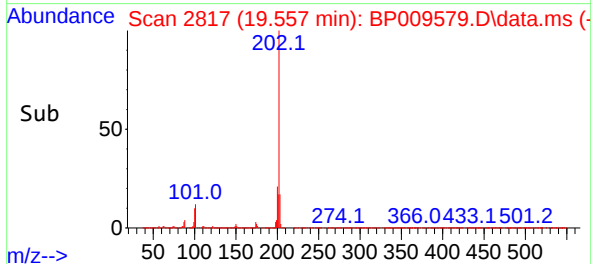
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:202 Resp: 2844618
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.7 14.2 21.4

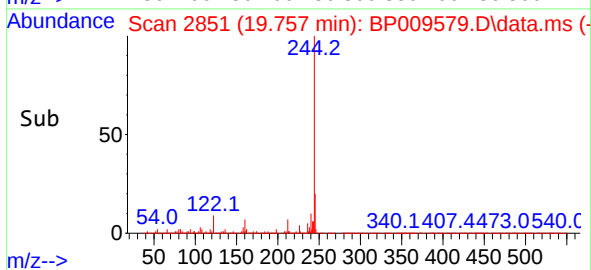
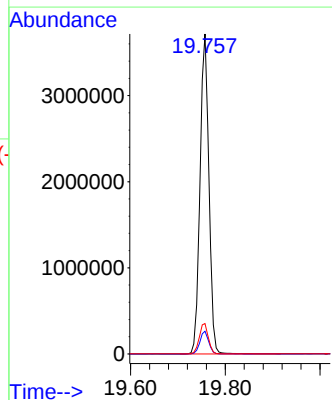
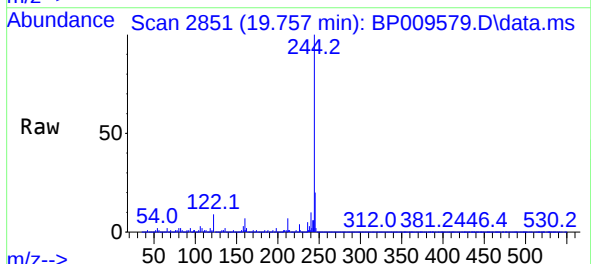
Manual Integrations
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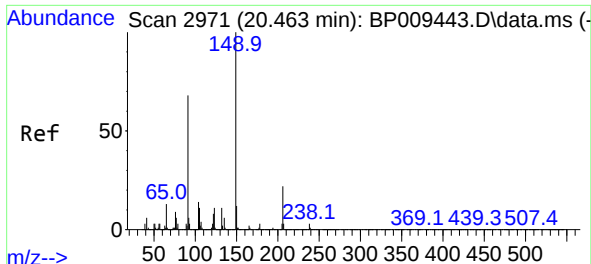
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#79
Terphenyl-d14
Concen: 55.794 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

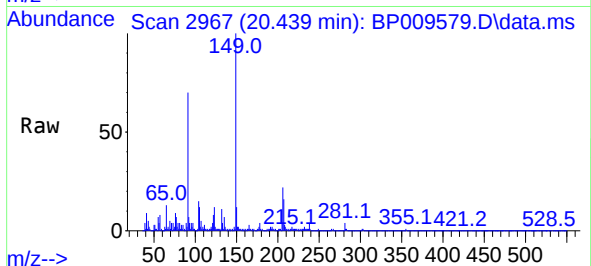
Tgt Ion:244 Resp: 4840364
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.5 8.3 12.5





#80
Butylbenzylphthalate
Concen: 11.098 ng
RT: 20.439 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

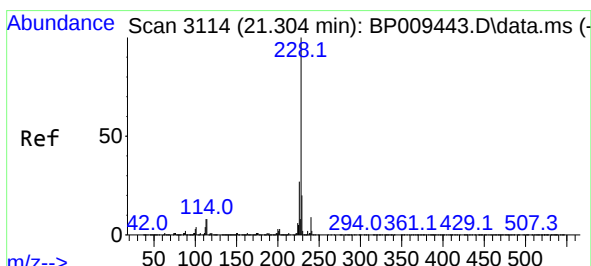
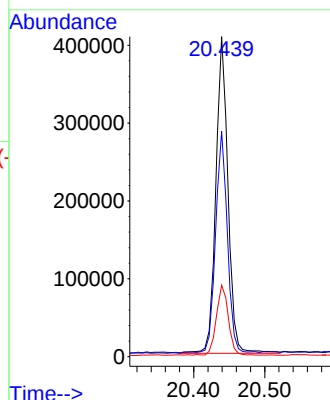
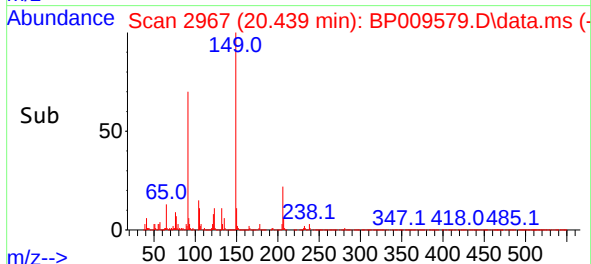
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:149 Resp: 484020
Ion Ratio Lower Upper
149 100
91 70.4 57.9 86.9
206 22.4 16.9 25.3

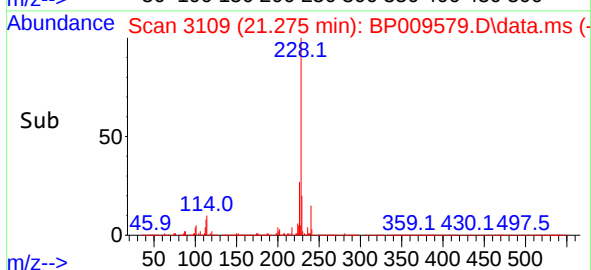
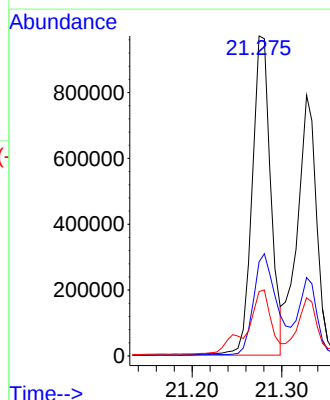
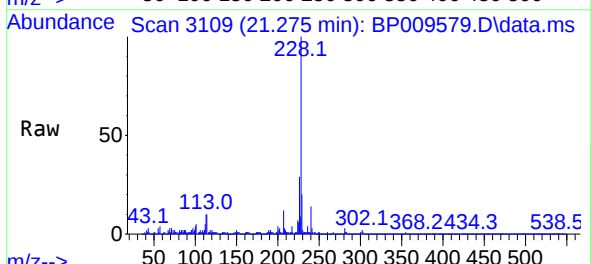
Manual Integrations
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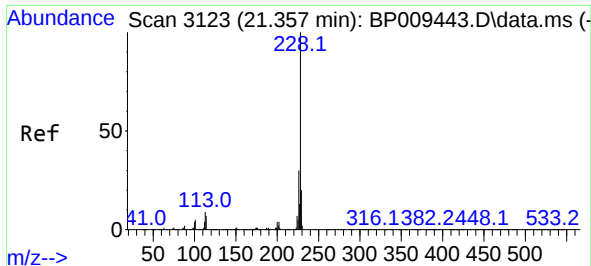
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#81
Benzo(a)anthracene
Concen: 13.676 ng
RT: 21.275 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

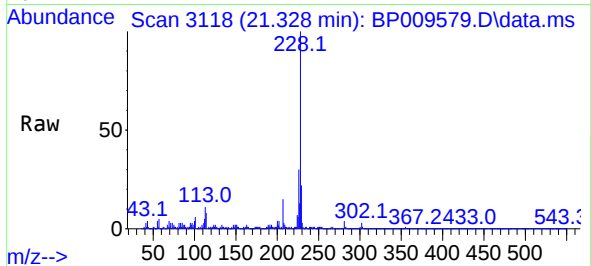
Tgt Ion:228 Resp: 1399135
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 20.1 16.1 24.1





#83
Chrysene
Concen: 12.206 ng m
RT: 21.328 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

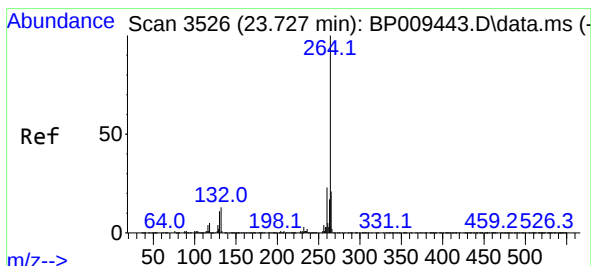
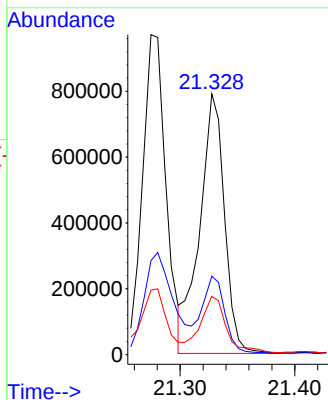
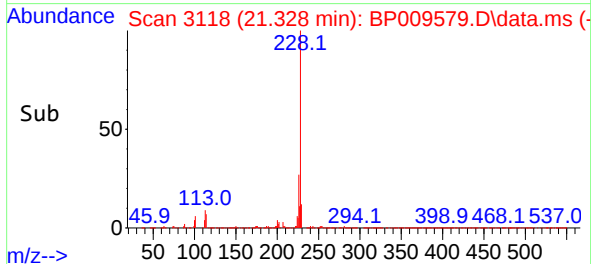
Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:228 Resp: 1182399
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 22.3 16.1 24.1

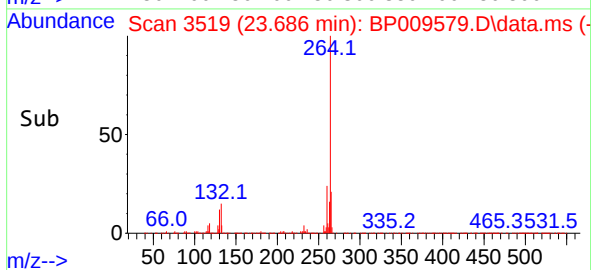
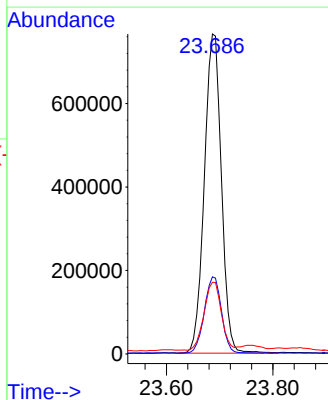
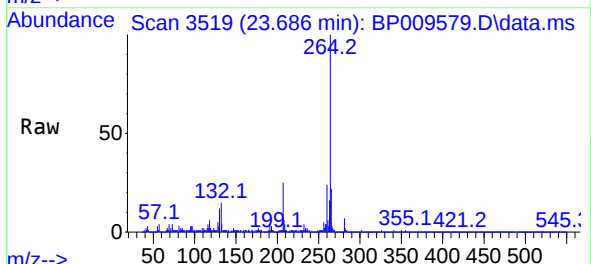
Manual Integrations
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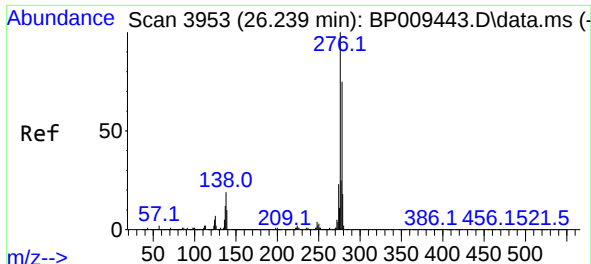
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Tgt Ion:264 Resp: 1697962
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 22.4 17.2 25.8





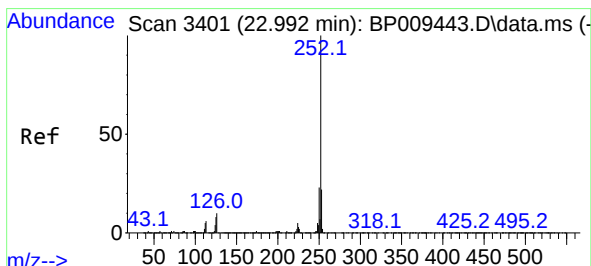
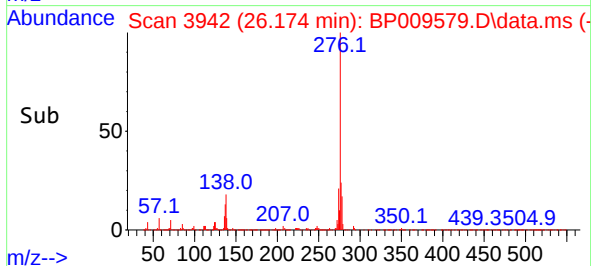
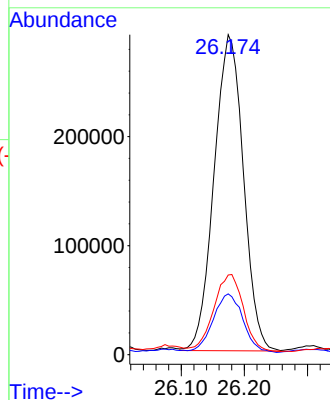
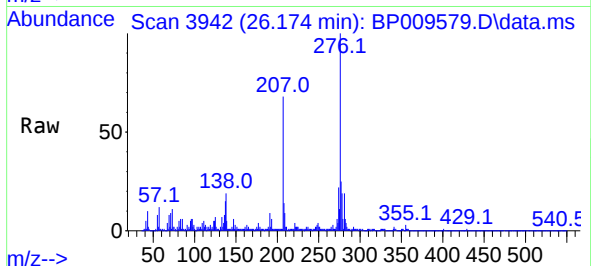
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.250 ng
RT: 26.174 min Scan# 3396
Delta R.T. -0.024 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B

Tgt Ion:276 Resp: 93396
Ion Ratio Lower Upper
276 100
138 18.8 20.5 30.7
277 24.7 20.4 30.6

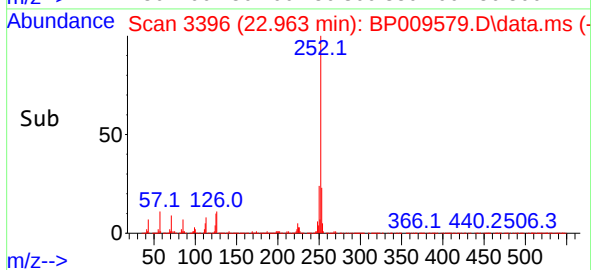
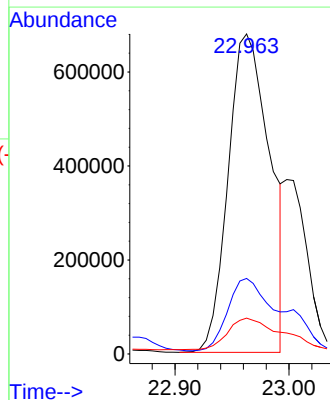
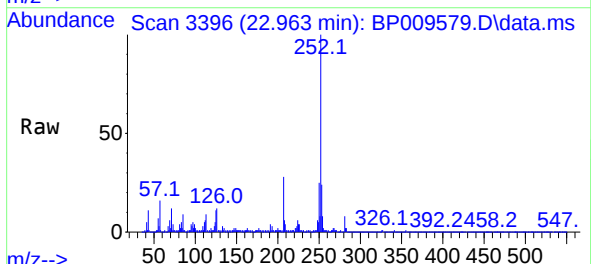
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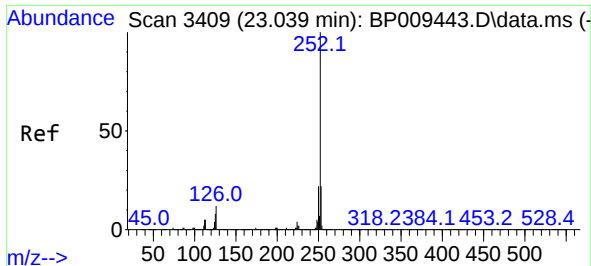
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#88
Benzo(b)fluoranthene
Concen: 16.957 ng m
RT: 22.963 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Tgt Ion:252 Resp: 1718873
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 11.2 8.1 12.1





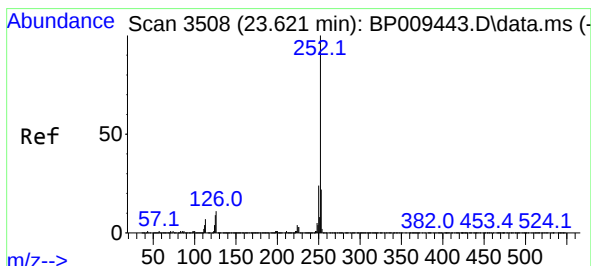
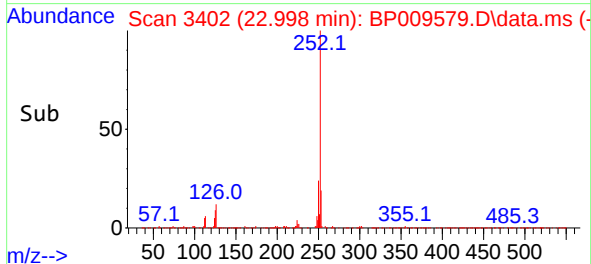
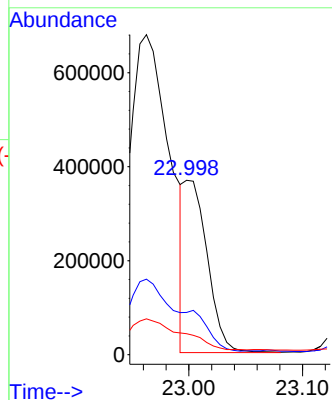
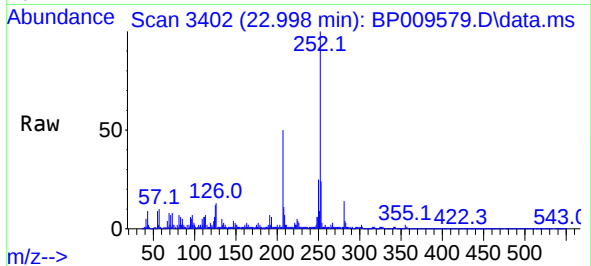
#89
Benzo(k)fluoranthene
Concen: 5.250 ng m
RT: 22.998 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B

Tgt Ion:252 Resp: 52104
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 12.0 8.3 12.5

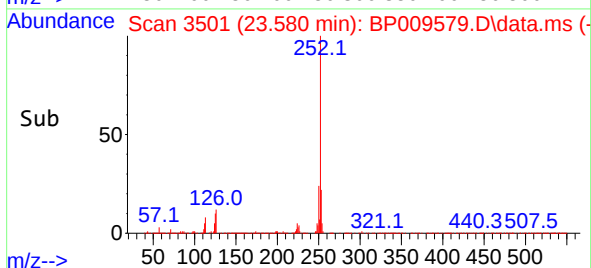
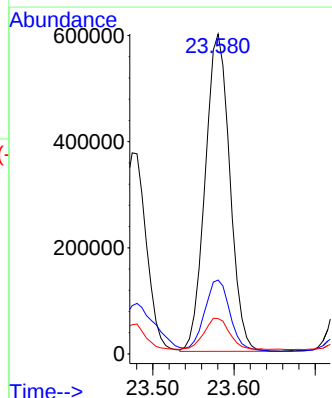
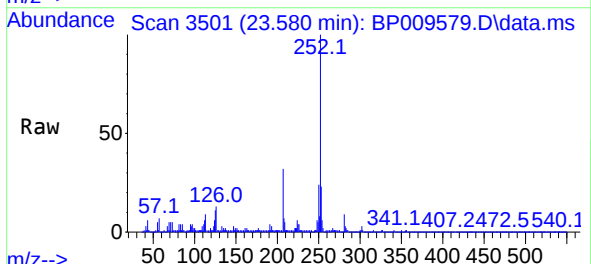
Manual Integrations
APPROVED

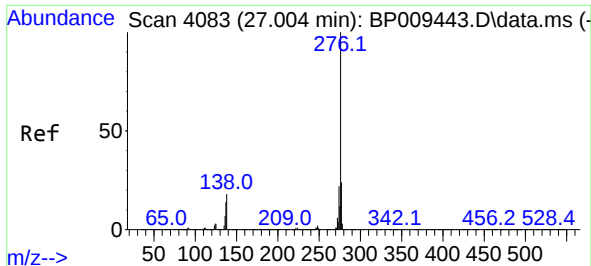
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#90
Benzo(a)pyrene
Concen: 14.540 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

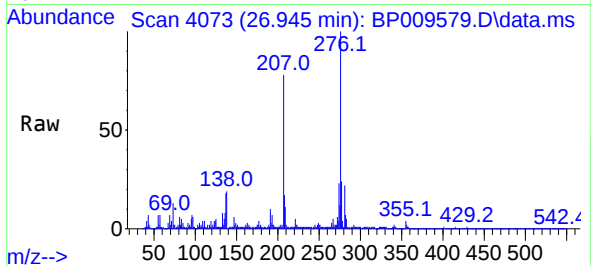
Tgt Ion:252 Resp: 1261005
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 11.0 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 8.662 ng
RT: 26.945 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BP009579.D
Acq: 28 Mar 2022 22:51

Instrument :
BNA_P
ClientSampleId :
V-2-0309-2B



Tgt Ion:276 Resp: 914830
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 19.3 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

