

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
 Data File : BP009350.D
 Acq On : 10 Mar 2022 18:23
 Operator : CG/JU
 Sample : N1863-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-25720

Manual Integrations
 APPROVED

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

Quant Time: Mar 11 05:02:47 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	512493	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2079738	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1282409	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2398882	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1722427	20.000	ng	0.00
86) Perylene-d12	23.733	264	1926117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3083682	87.829	ng	0.00
7) Phenol-d6	6.993	99	4080764	91.461	ng	0.00
23) Nitrobenzene-d5	8.969	82	2634066	69.759	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1814151	117.154	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	5575234	59.787	ng	0.00
79) Terphenyl-d14	19.792	244	5794743	63.488	ng	0.00
Target Compounds						Qvalue
70) Pentachlorophenol	16.869	266	48659	2.663	ng	98
71) Phenanthrene	17.257	178	1410846	10.234	ng	100
72) Anthracene	17.351	178	377773	2.753	ng	99
75) Fluoranthene	19.233	202	2684447	16.870	ng	99
78) Pyrene	19.592	202	2479932	21.325	ng	100
81) Benzo(a)anthracene	21.310	228	1371634	11.749	ng	97
83) Chrysene	21.363	228	1361683	12.013	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	200752	2.990	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.233	276	1020634	6.820	ng	# 93
88) Benzo(b)fluoranthene	23.004	252	1927533	14.822	ng	# 94
89) Benzo(k)fluoranthene	23.045	252	670703m	5.398	ng	
90) Benzo(a)pyrene	23.627	252	1363616	11.055	ng	# 97
91) Dibenzo(a,h)anthracene	26.245	278	284567	2.243	ng	# 87
92) Benzo(g,h,i)perylene	27.004	276	1036784	8.270	ng	97

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

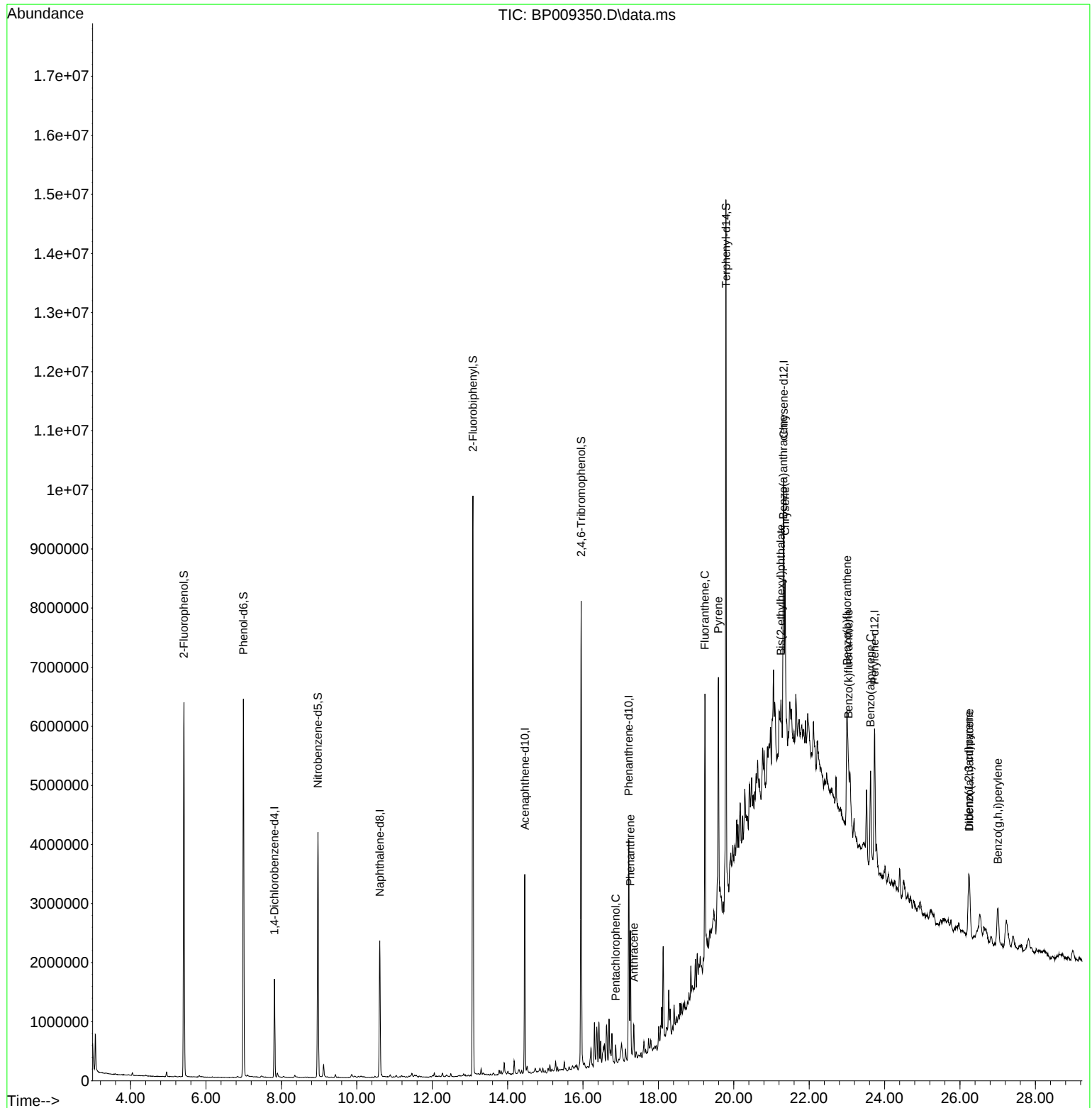
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009350.D
Acq On : 10 Mar 2022 18:23
Operator : CG/JU
Sample : N1863-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

Quant Time: Mar 11 05:02:47 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

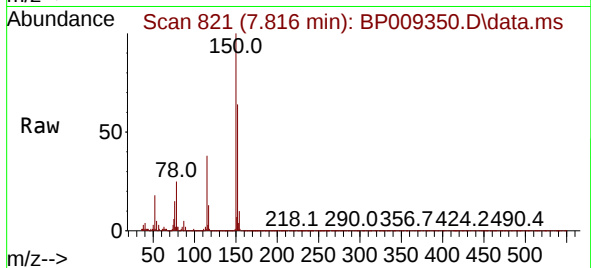
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

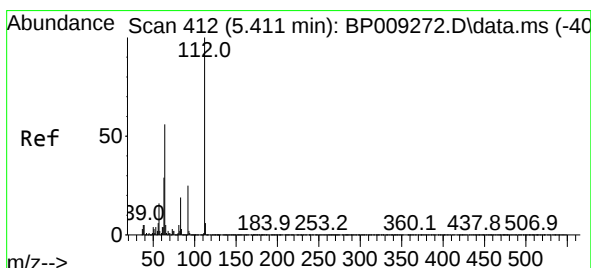
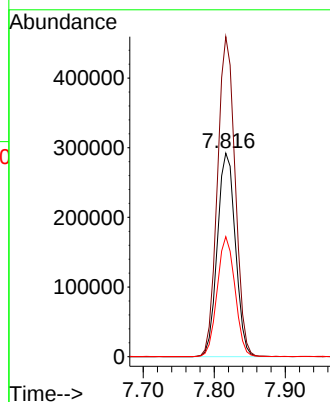
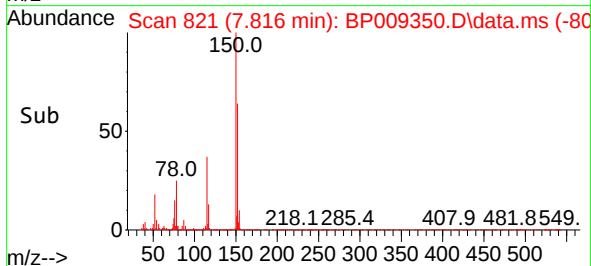
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



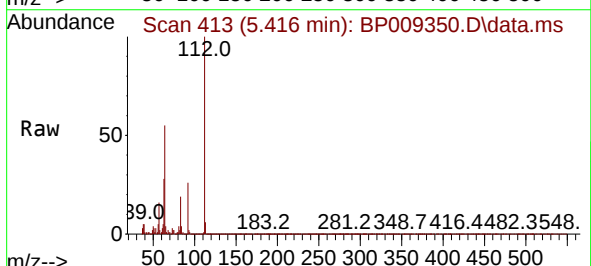
Tgt Ion:152 Resp: 51249
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 59.0 48.2 72.4

Manual Integrations
APPROVED

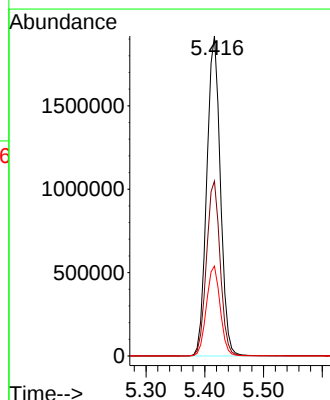
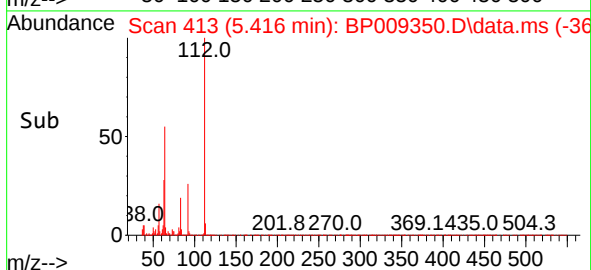
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#5
2-Fluorophenol
Concen: 87.829 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23



Tgt Ion:112 Resp: 3083682
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 28.1 23.0 34.6





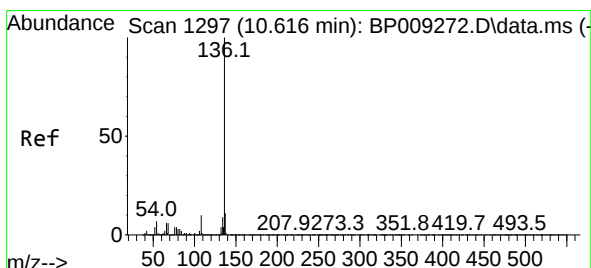
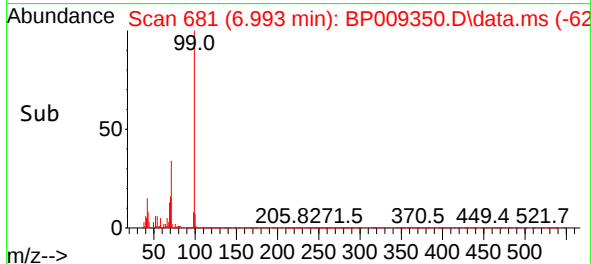
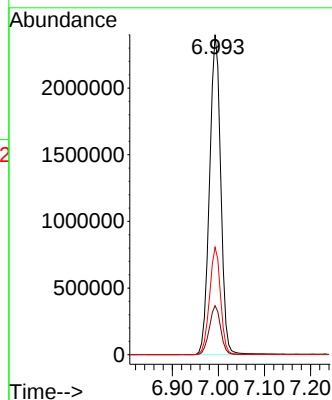
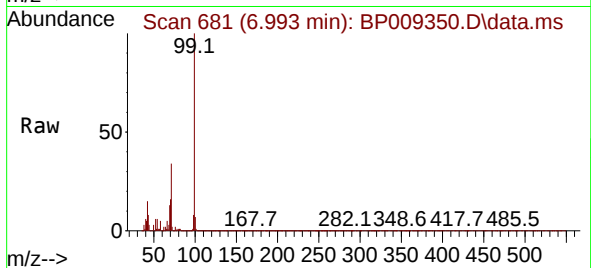
#7
Phenol-d6
Concen: 91.461 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

Tgt Ion: 99 Resp: 4080764
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 33.6 26.3 39.5

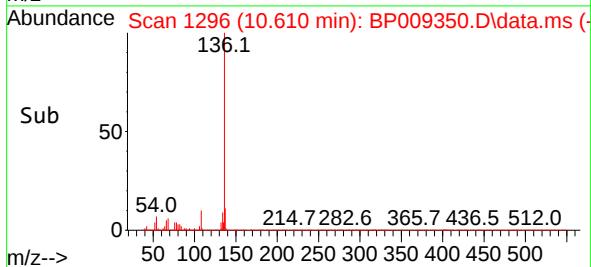
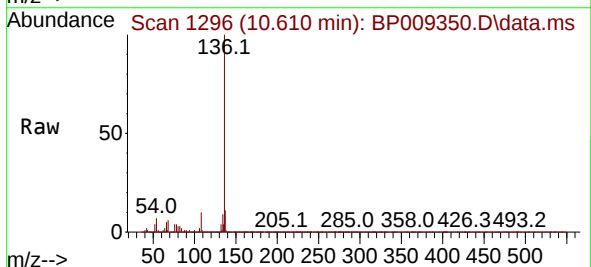
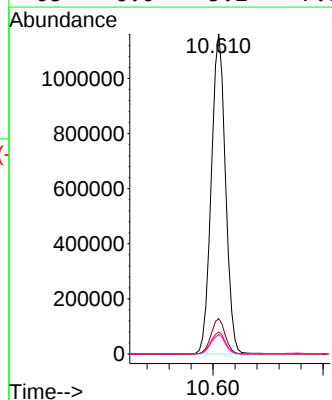
Manual Integrations
APPROVED

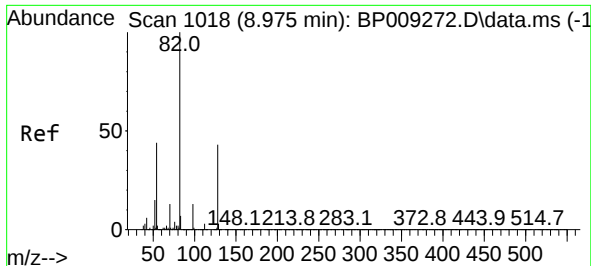
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Tgt Ion:136 Resp: 2079738
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8





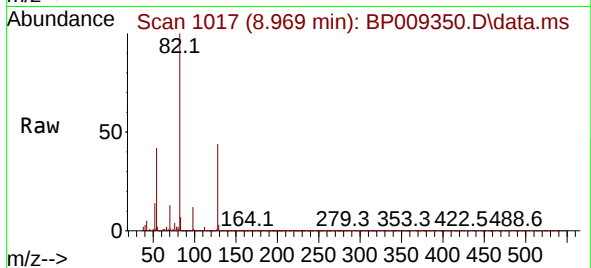
#23
Nitrobenzene-d5
Concen: 69.759 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Instrument :

BNA_P

ClientSampleId :

CHRT-25720



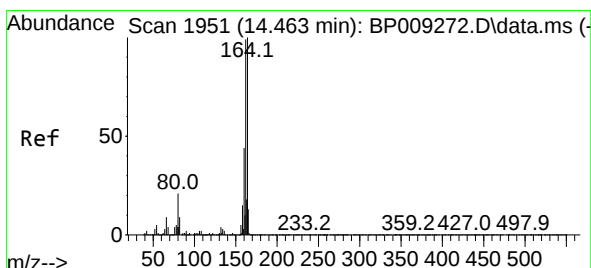
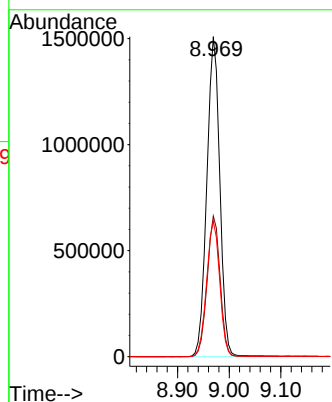
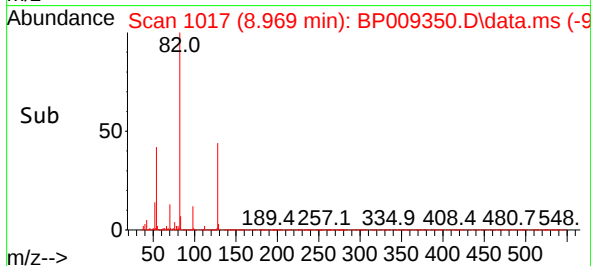
Tgt Ion: 82 Resp: 263406
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 42.3 34.7 52.1

Manual Integrations

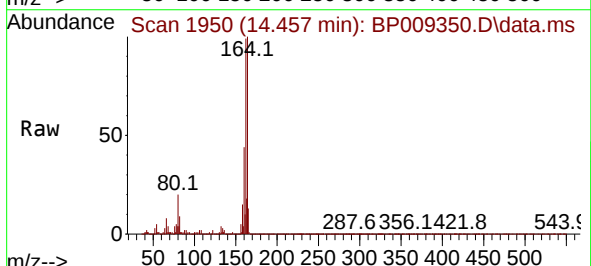
APPROVED

Reviewed By :Christian Giraldo 03/11/2022

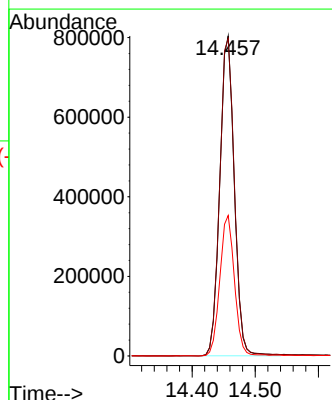
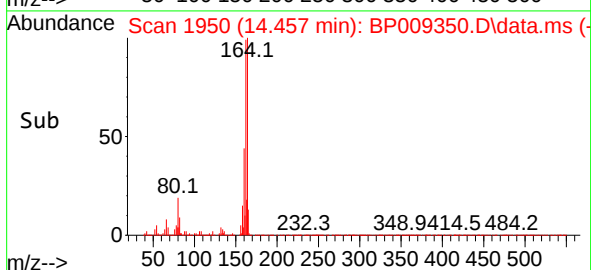
Supervised By :Jagrut Upadhyay 03/11/2022

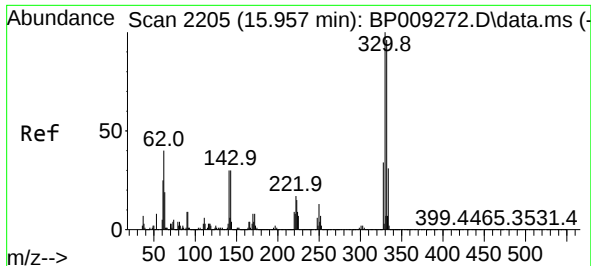


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23



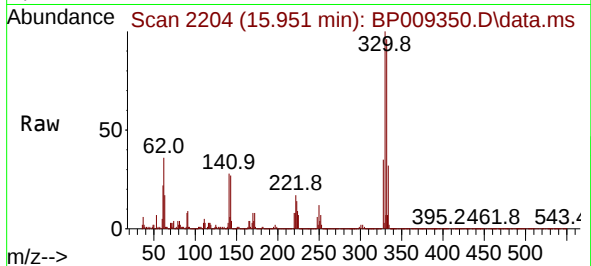
Tgt Ion:164 Resp: 1282409
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 117.154 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

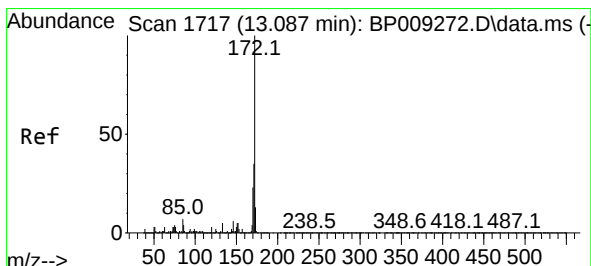
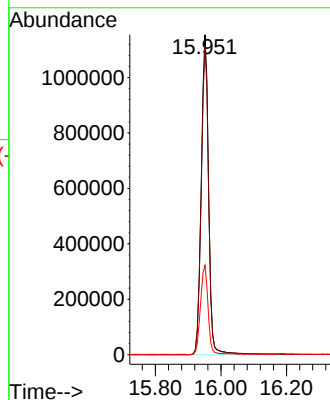
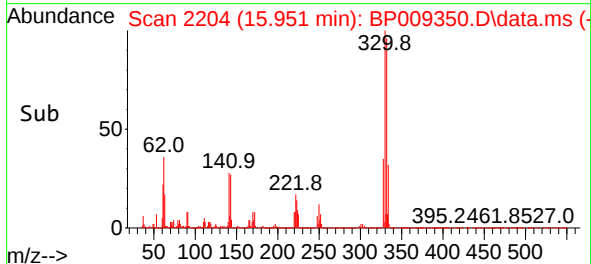
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:330 Resp: 181415
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 28.6 27.6 41.4

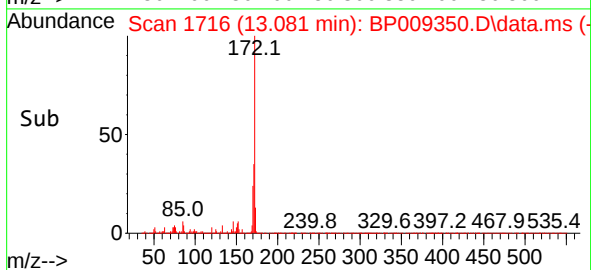
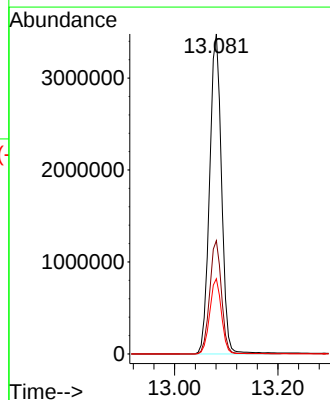
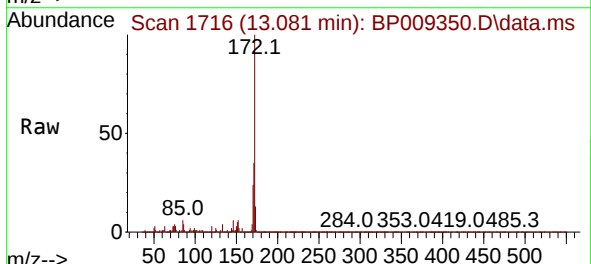
Manual Integrations
APPROVED

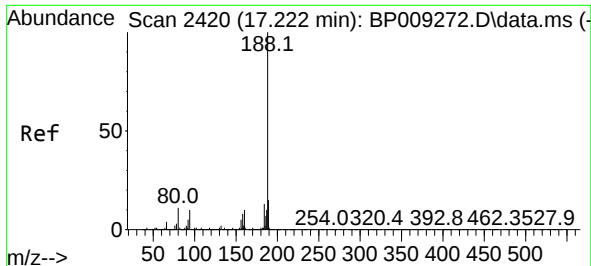
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#45
2-Fluorobiphenyl
Concen: 59.787 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Tgt Ion:172 Resp: 5575234
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.5 18.6 27.8





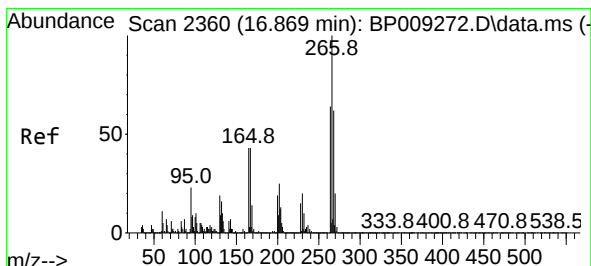
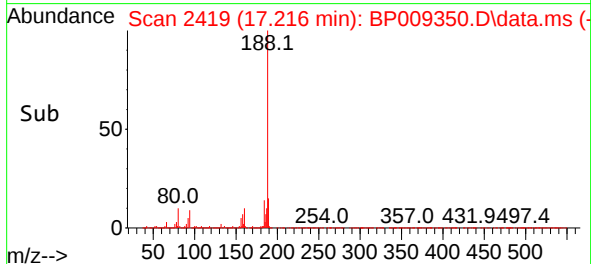
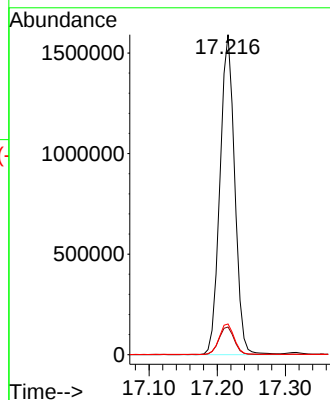
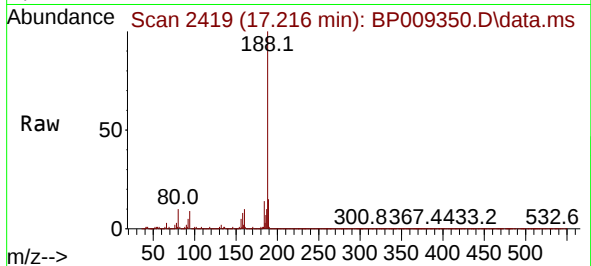
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

Tgt Ion:188 Resp: 239888
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.6 8.8 13.2

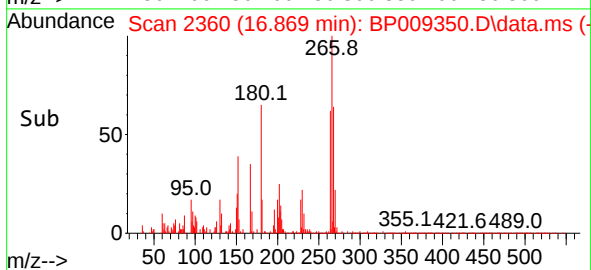
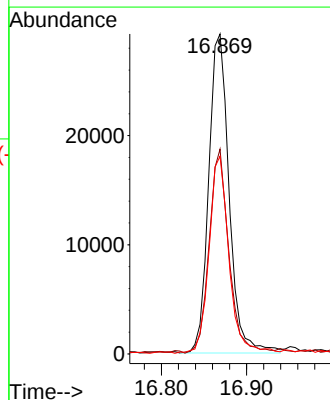
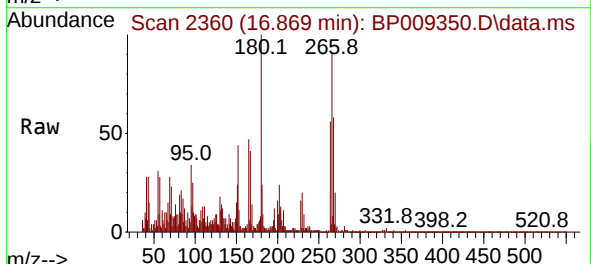
Manual Integrations
APPROVED

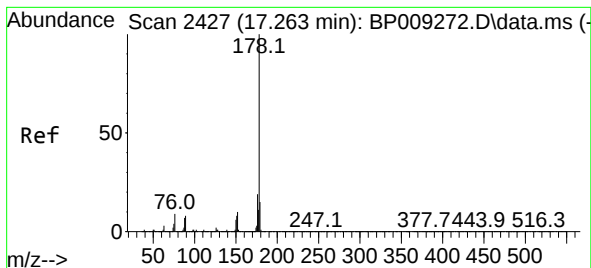
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#70
Pentachlorophenol
Concen: 2.663 ng
RT: 16.869 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Tgt Ion:266 Resp: 48659
Ion Ratio Lower Upper
266 100
268 64.0 49.8 74.8
264 61.8 50.9 76.3





#71

Phenanthrene

Concen: 10.234 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009350.D

Acq: 10 Mar 2022 18:23

Instrument :

BNA_P

ClientSampleId :

CHRT-25720

Tgt Ion:178 Resp: 1410840

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

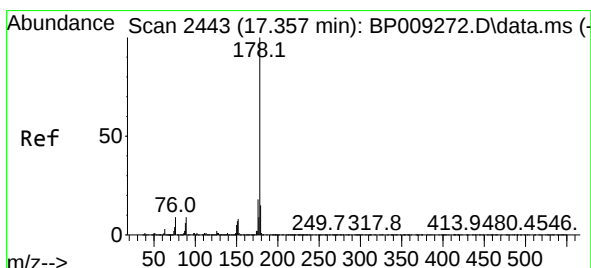
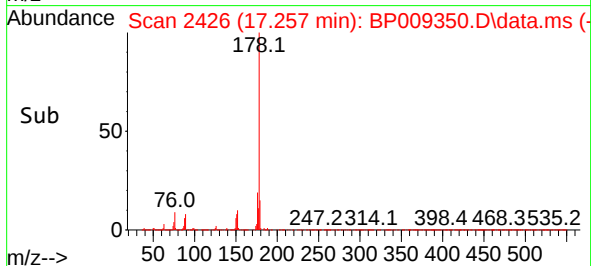
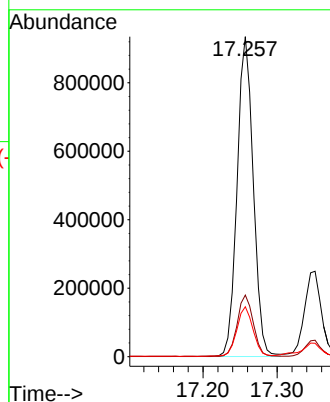
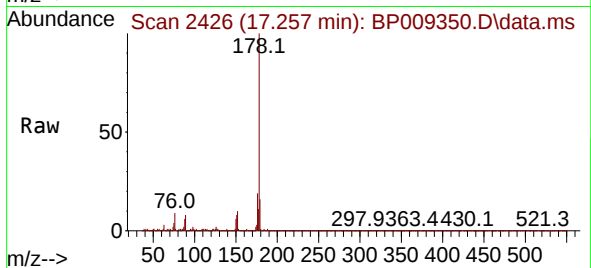
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#72

Anthracene

Concen: 2.753 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP009350.D

Acq: 10 Mar 2022 18:23

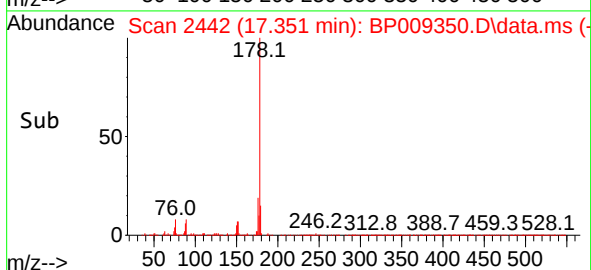
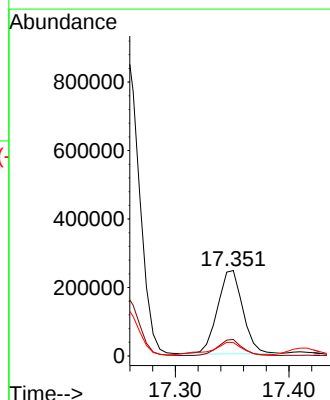
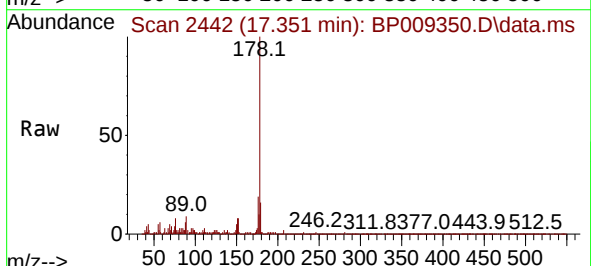
Tgt Ion:178 Resp: 377773

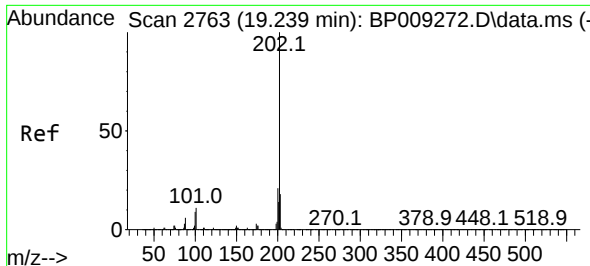
Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

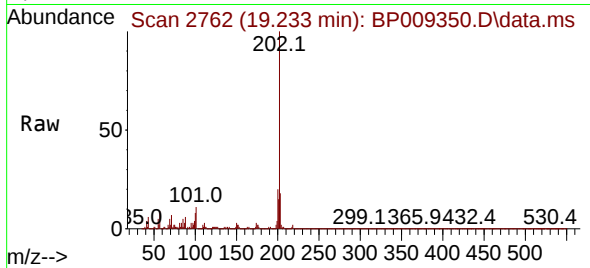
179 15.7 12.2 18.4





#75
Fluoranthene
Concen: 16.870 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

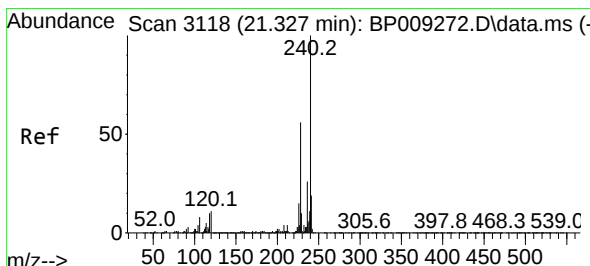
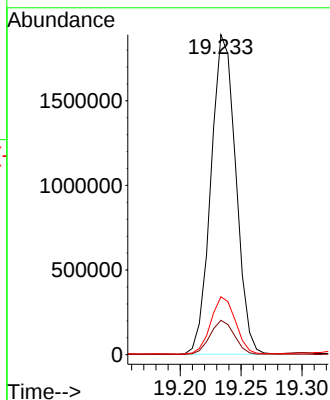
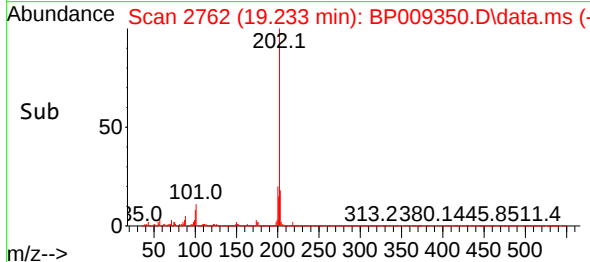
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:202 Resp: 268444
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.5
203 18.1 0.0 37.8

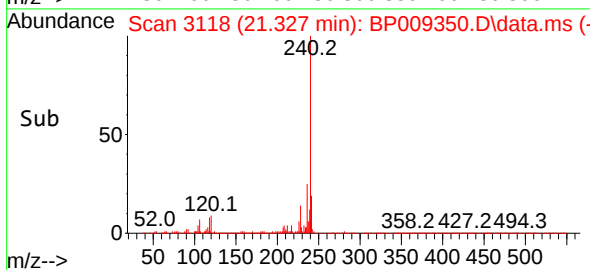
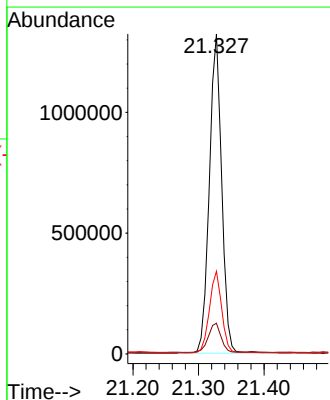
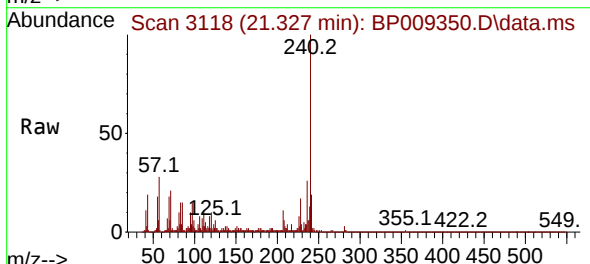
Manual Integrations
APPROVED

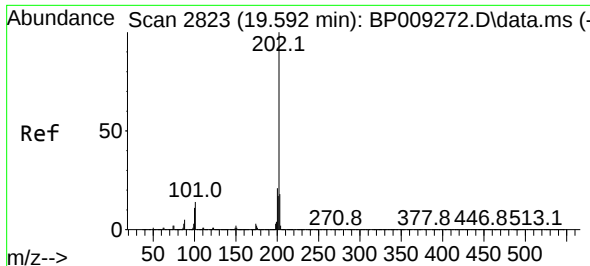
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

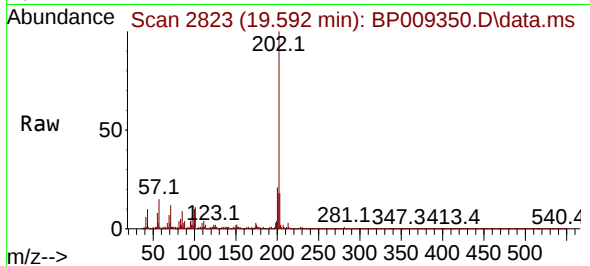
Tgt Ion:240 Resp: 1722427
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.8 20.6 30.8





#78
Pyrene
Concen: 21.325 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

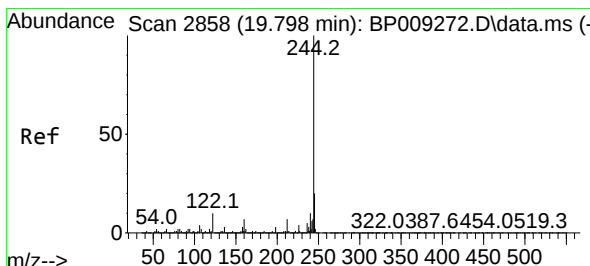
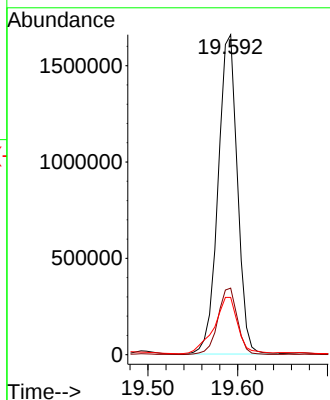
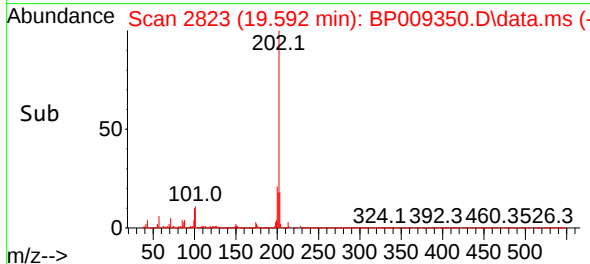
Instrument : BNA_P
ClientSampleId : CHRT-25720



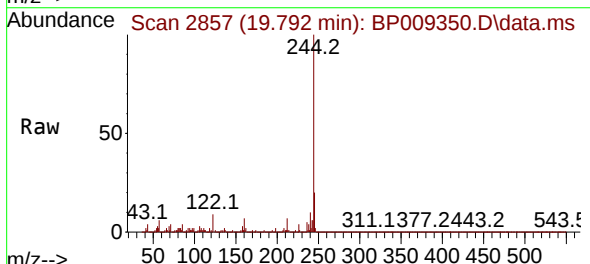
Tgt Ion: 202 Resp: 247993
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.9 14.2 21.4

Manual Integrations
APPROVED

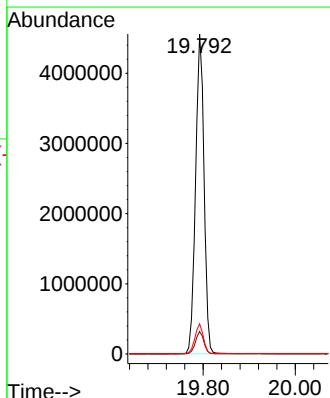
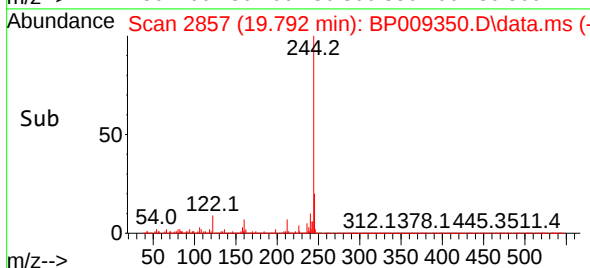
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022

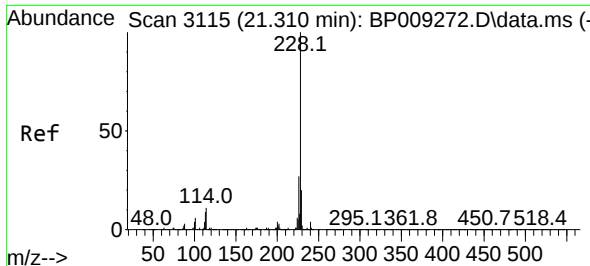


#79
Terphenyl-d14
Concen: 63.488 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23



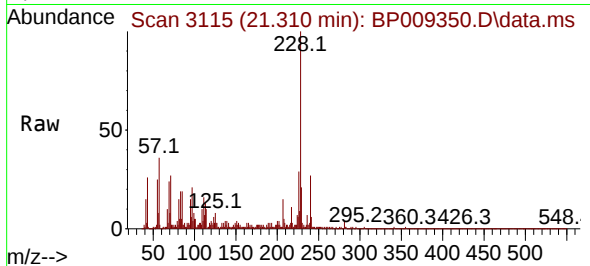
Tgt Ion: 244 Resp: 5794743
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.4 8.3 12.5





#81
Benzo(a)anthracene
Concen: 11.749 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

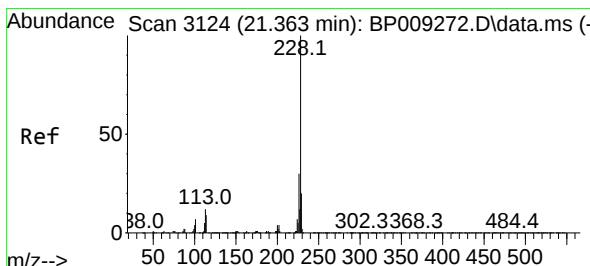
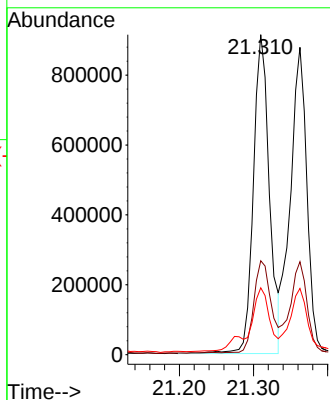
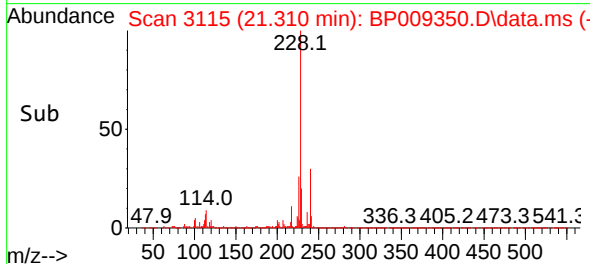
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:228 Resp: 1371634
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 20.9 16.1 24.1

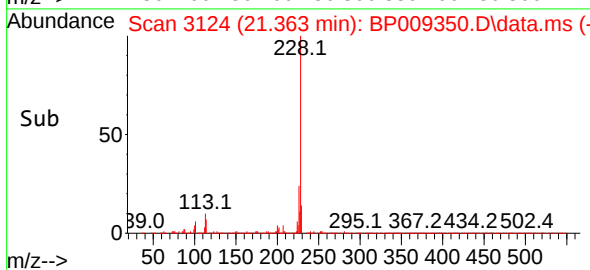
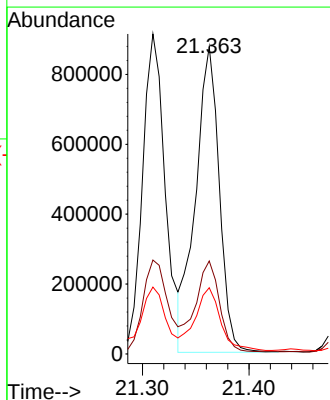
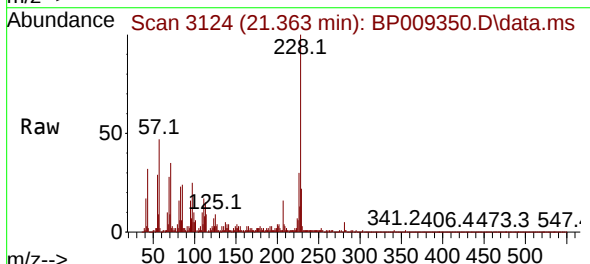
Manual Integrations
APPROVED

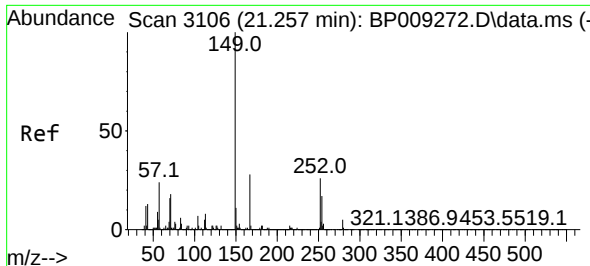
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#83
Chrysene
Concen: 12.013 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

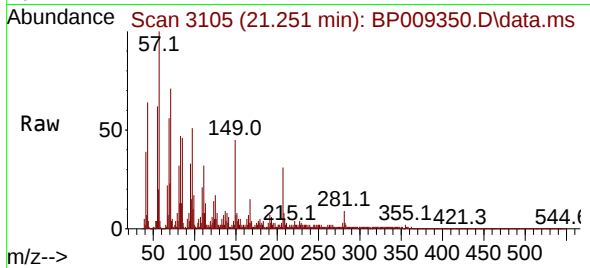
Tgt Ion:228 Resp: 1361683
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 21.6 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.990 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

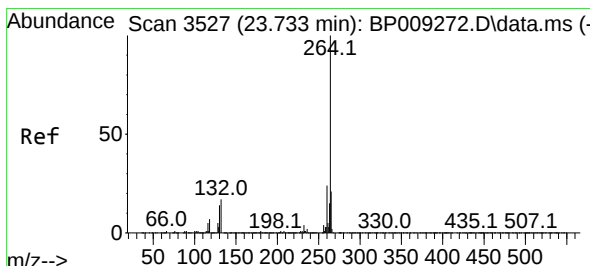
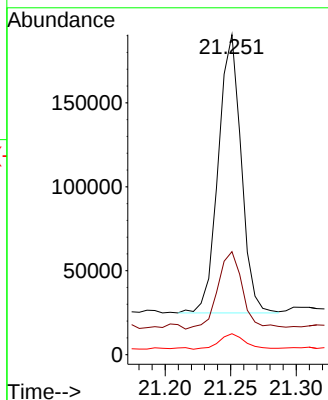
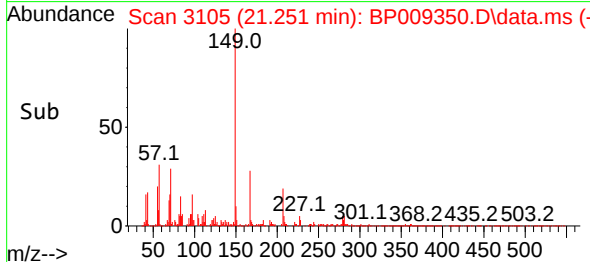
Instrument :
BNA_P
ClientSampleId :
CHRT-25720



Tgt Ion:149 Resp: 200752
Ion Ratio Lower Upper
149 100
167 32.2 22.6 33.8
279 6.6 3.8 5.6

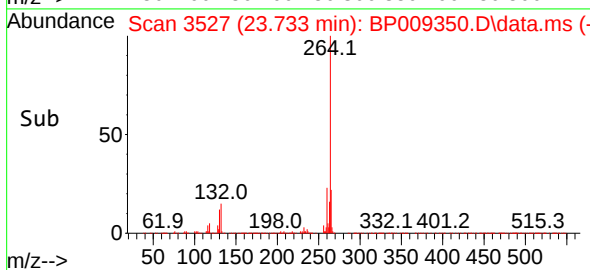
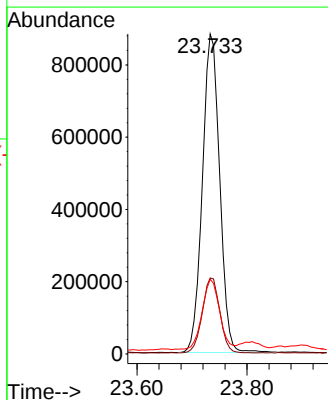
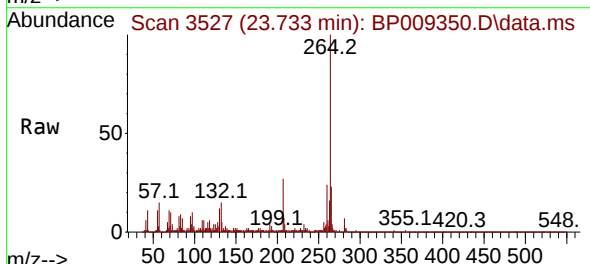
Manual Integrations
APPROVED

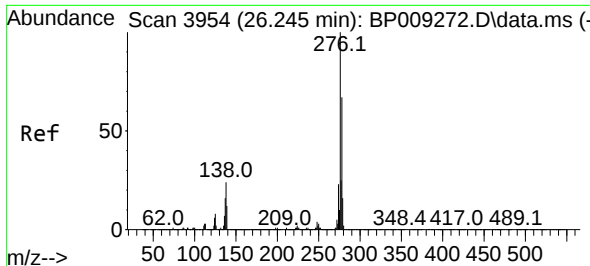
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

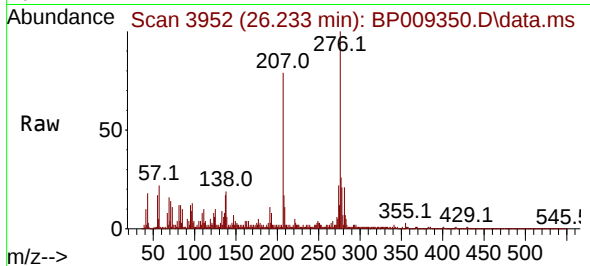
Tgt Ion:264 Resp: 1926117
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 23.4 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.820 ng
RT: 26.233 min Scan# 3954
Delta R.T. -0.012 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

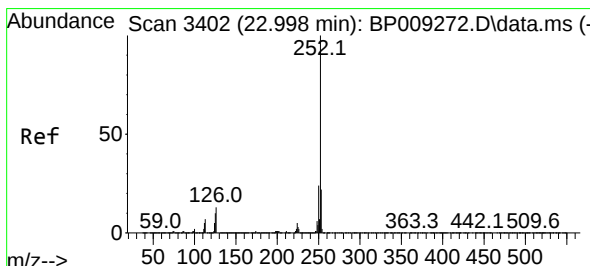
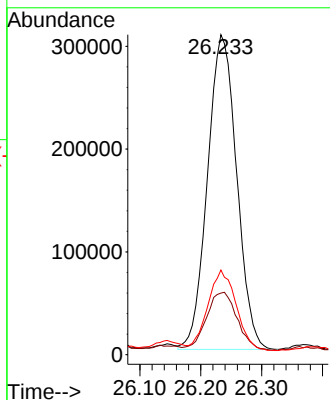
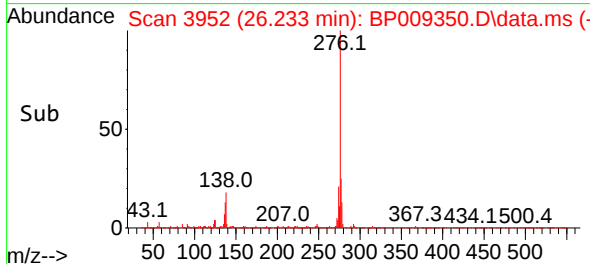
Instrument : BNA_P
ClientSampleId : CHRT-25720



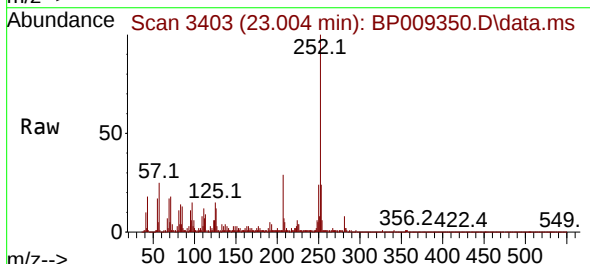
Tgt Ion: 276 Resp: 1020634
Ion Ratio Lower Upper
276 100
138 19.5 20.5 30.7
277 25.0 20.4 30.6

Manual Integrations
APPROVED

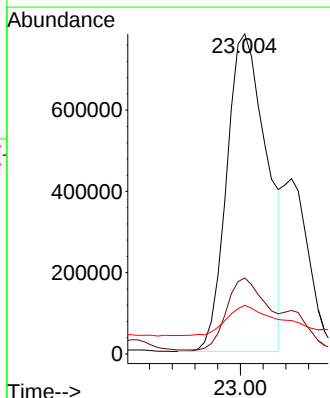
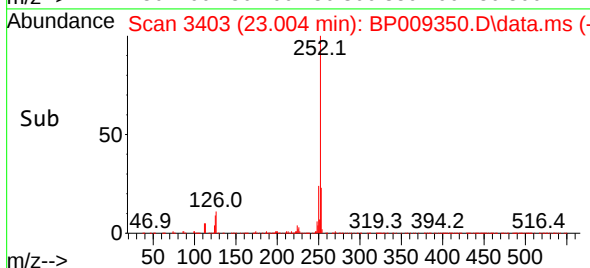
Reviewed By : Christian Giraldo 03/11/2022
Supervised By : Jagrut Upadhyay 03/11/2022

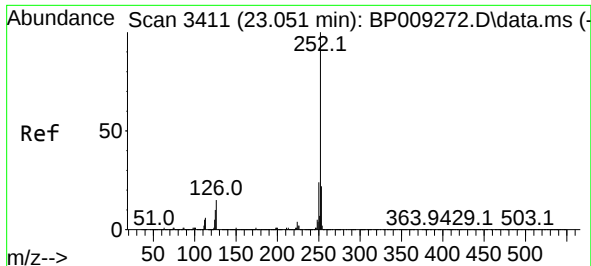


#88
Benzo(b)fluoranthene
Concen: 14.822 ng
RT: 23.004 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23



Tgt Ion: 252 Resp: 1927533
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 15.2 8.1 12.1





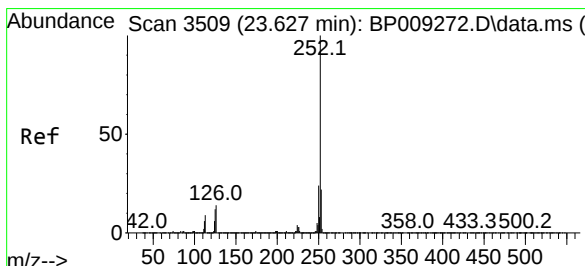
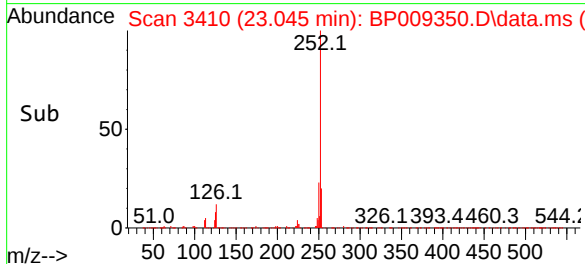
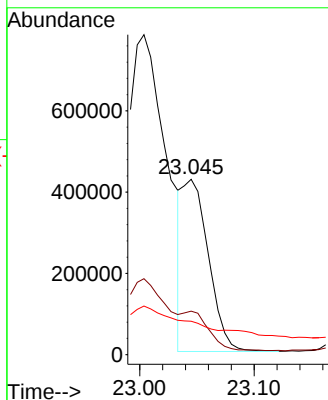
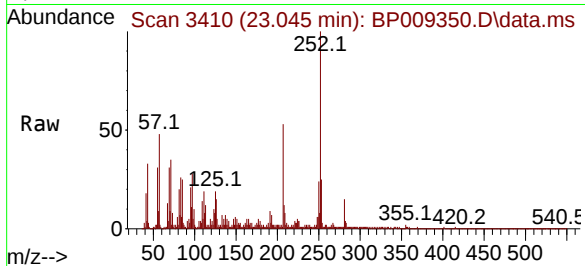
#89
Benzo(k)fluoranthene
Concen: 5.398 ng m
RT: 23.045 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Instrument :
BNA_P
ClientSampleId :
CHRT-25720

Tgt Ion:252 Resp: 67070
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 19.1 8.3 12.5

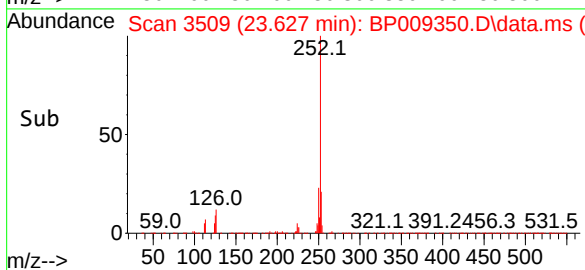
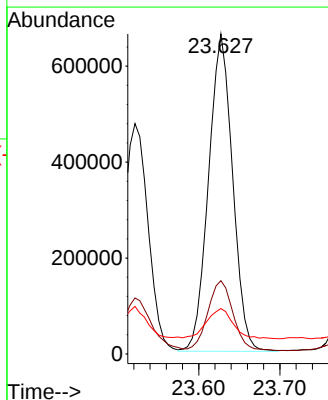
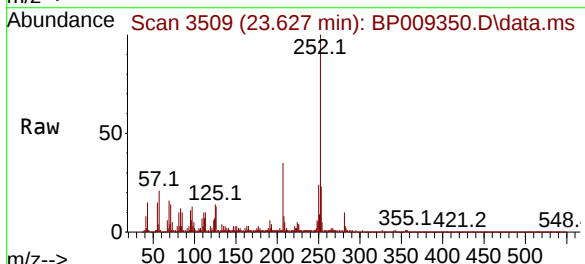
Manual Integrations
APPROVED

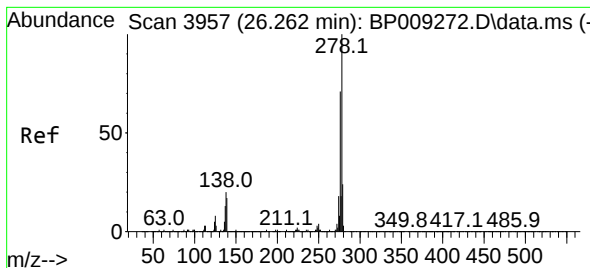
Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022



#90
Benzo(a)pyrene
Concen: 11.055 ng
RT: 23.627 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP009350.D
Acq: 10 Mar 2022 18:23

Tgt Ion:252 Resp: 1363616
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 14.2 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 2.243 ng

RT: 26.245 min Scan# 3957

Delta R.T. -0.018 min

Lab File: BP009350.D

Acq: 10 Mar 2022 18:23

Instrument :

BNA_P

ClientSampleId :

CHRT-25720

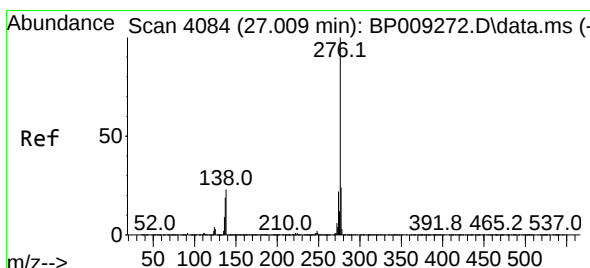
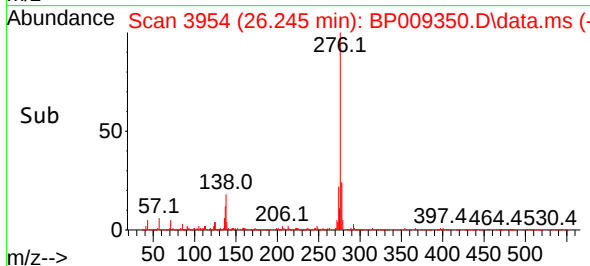
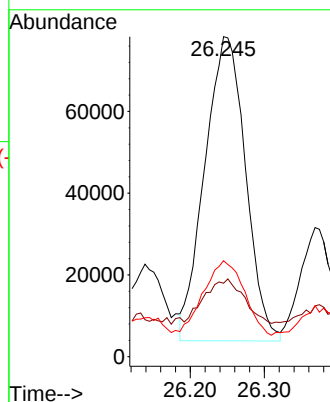
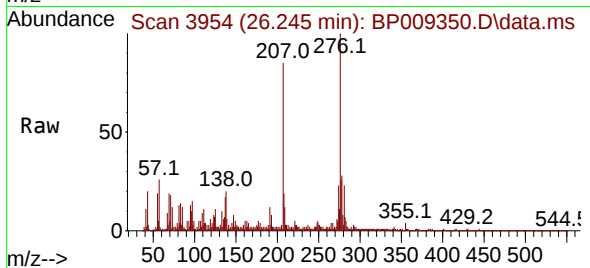
Tgt Ion:	278	Resp:	28456
Ion Ratio	Lower	Upper	
278	100		
139	22.9	13.2	19.8
279	30.0	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/11/2022

Supervised By :Jagrut Upadhyay 03/11/2022



#92

Benzo(g,h,i)perylene

Concen: 8.270 ng

RT: 27.004 min Scan# 4083

Delta R.T. -0.006 min

Lab File: BP009350.D

Acq: 10 Mar 2022 18:23

Tgt Ion:	276	Resp:	1036784
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.2	28.8
138	20.7	18.0	27.0

